



**2020
ANNUAL MONITORING REPORT**

HDO-90-23

UNIT LTR "B" (NE ¼, NW ¼), SECTION 6, TOWNSHIP 21 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS SRS NUMBER: HDO-90-23
NMOCD REFERENCE AP-009
INCIDENT # nAPP2109726199

APPROVED

By Nelson Velez at 11:14 am, Jan 11, 2022

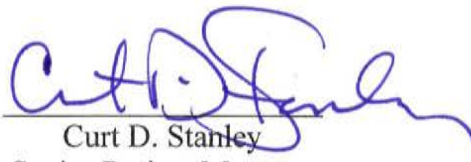
PREPARED FOR:

PLAINS MARKETING, L.P.
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PREPARED BY:

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January 2021


Curt D. Stanley
Senior Project Manager

Review of 2020 ANNUAL
GROUNDWATER MONITORING REPORT:

Content satisfactory

Contractor recommendations approved
by OCD and are as follows;

1. Schedule modifications with various monitor wells
2. Continue quarterly groundwater monitoring, sampling and manual quarterly PSH recovery
3. Submit the Annual Monitoring Report to the OCD no later than March 31, 2022
4. Please inform OCD if or when approval from the landowner is granted and the Request for Drilling Permit has been obtained from the New Mexico Office of the State Engineer, arrangements have been made to complete the advancement of a soil boring and installation of a monitor well.

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INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), TRC Environmental Corporation (TRC) is pleased to submit this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities were assumed by TRC Environmental Corporation, previously NOVA Safety and Environmental (NOVA). The HDO-90-23 Site, which was formally the responsibility of Texas New Mexico Pipe Line Company (TNM), 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 2020 only. However, historical data tables and the 2020 laboratory analytical reports are provided in this report. A Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2020 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). Each groundwater monitoring event consisted of measuring static water levels in monitor wells, checking for the presence of PSH on the water column and purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH equal to or greater than 0.01 foot were not sampled.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The Site is located in the NE $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 6, Township 21 South, Range 37 East in Lea County. The HDO 90-23 Release was discovered by TNM personnel and reported on March 27, 1990. According to the release report, an estimated seven hundred fifty (750) barrels of crude oil was released and five hundred fifty (550) barrels were recovered. The Release occurred from a fourteen (14)-inch TNM pipeline and was attributed to structural failure associated with internal pipeline corrosion. Limited excavation occurred around the release point to repair the pipeline. The Release Notification and Corrective Action (Form C-141) is provided as Appendix B.

In February 1998, nine (9) soil borings were advanced and five (5) monitoring wells were installed by a previous contractor to assess the subsurface conditions. In September 1999, three (3) additional monitor wells were installed. In the fall of 2002, monitor wells MW-9 through MW-15 were installed. In November 2004, NOVA installed two (2) additional monitor wells (MW-16 and MW-17) to further delineate the southeast extent of the dissolved phase plume.

On August 9, 2005, NOVA personnel discovered and documented a leaking produced water pipeline approximately one hundred (100) feet north of monitor well MW-3. The leaking pipeline was reported to the NMOCD, Hobbs District Office on the same day. The pipeline was identified as a Mar Oil and Gas (MAR) Pipeline. A MAR employee was successful in closing an off-site valve to stop the produced water flow. On August 12, 2005, MAR employees began limited excavation surrounding monitor well MW-3, stockpiling the soil on site. Since the activities of August 2005, the excavated soil has been stockpiled on site.

In February 2007, NOVA personnel discovered and documented a crude oil release approximately five hundred (500) feet northwest of monitor well MW-15. The Release was associated with a production pump jack operated by MAR and to date this release has not been remediated.

On November 12, 2009, NOVA personnel advanced five (5) soil borings in the vicinity of monitor/recovery wells MW-6, MW-2, RW-1, and RW-2 to evaluate current soil concentrations. A report documenting the Soil Investigation Activities was submitted to the NMOCD under separate cover in March 2011.

On June 22, 2010, Plains received approval from the NMOCD for soil closure activities. The NMOCD approved closure contingent on the advancement of two (2) soil borings, each in the vicinity of monitor well MW-2 to at least forty (40) feet below ground surface (bgs).

On July 7, 2011, as per the NMOCD directive dated June 22, 2010, NOVA personnel advanced one (1) soil boring in the vicinity of monitor well MW-2 to a depth of approximately forty (40) feet bgs. The results of the soil boring investigation were documented in a *Soil Evaluation Letter Report* submitted to the NMOCD in August 2011.

On December 20, 2012, NOVA personnel submitted a Request for Drilling Permit to advance one (1) soil boring in the vicinity of monitor well MW-2 to a depth of approximately forty (40) feet bgs to the New Mexico Office of the State Engineer. The installation of the soil boring is pending permitting and landowner access permission.

Currently, thirteen (13) groundwater monitor wells (MW-2 through MW-6, MW-8, MW-9, and MW-12 through MW-17) and two (2) product recovery wells (RW-1 and RW-2) are onsite.

FIELD ACTIVITIES

Product Recovery Efforts

A measurable thickness of PSH was detected in monitor well MW-6 during all four (4) sampling events of 2020. A maximum PSH thickness of 2.90 feet was recorded in monitor well MW-6 on October 12, 2020 and is shown on Table 1. The average thickness of PSH in monitor well MW-6 during 2020 was 2.18 feet.

A measurable thickness of PSH was detected in monitor well MW-2 from June 3, 2020 to November 13, 2020. A maximum PSH thickness of 0.08 feet was recorded in monitor well MW-2 on September 21, 2020 and is shown on Table 1. The average thickness of PSH in monitor well MW-2 during 2020 was 0.03 feet.

Approximately 28.1 gallons (0.52 barrels) of PSH were recovered manually from the Site during the 2020 reporting period. Approximately 1,689.25 gallons (40.22 barrels) of PSH have been recovered by manual and automated recovery methods since project inception.

Groundwater Monitoring

Quarterly monitoring events for the reporting period were conducted according to the following sampling schedule, which was approved by the NMOCD in correspondence dated April 28, 2004 and amended by NMOCD correspondence dated June 21, 2005.

NMOCD Approved Sampling Schedule	
MW-1	Plugged and Abandoned
MW-2	Quarterly
MW-3	Quarterly
MW-4	Semi-Annually
MW-5	Semi-Annually
MW-6	Quarterly
MW-7	Plugged and Abandoned
MW-8	Annually
MW-9	Semi-Annually
MW-10	Plugged and Abandoned
MW-11	Plugged and Abandoned
MW-12	Quarterly
MW-13	Quarterly
MW-14	Quarterly
MW-15	Quarterly
MW-16	Annually
MW-17	Quarterly
RW-1	Quarterly
RW-2	Quarterly

The Site monitor wells were gauged and sampled on February 25, June 2-3, September 21-22, and November 13, 2020. During each sampling event, sampled monitor wells were purged a minimum of three (3) well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos pump. Groundwater was allowed to recharge and samples were collected using disposable Teflon samplers. Water samples were placed in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility. Locations of the monitor wells and the inferred groundwater gradient, which were constructed utilizing measurements collected during the four (4) quarterly monitoring events, are depicted on Figures 2A through 2D. Groundwater elevation data for 2020 is provided as Table 1. Historical groundwater elevation data beginning at project inception is provided in Table 4.

The most recent Inferred Groundwater Gradient Map, Figure 2D, indicated a general gradient of 0.0006 feet/foot to the southeast as measured between monitor wells MW-9 and MW-17. Inferred Groundwater Gradient Maps prepared during the 1st, 2nd, and 3rd quarters indicated a inferred groundwater gradient of 0.0005 feet/foot. The corrected groundwater elevation ranged between 3,417.84 and 3,419.36 feet above mean sea level, in monitor well MW-16 on September 21, 2020 and monitor well MW-9 on June 2, 2020, respectively.

LABORATORY RESULTS

Groundwater samples collected during all four (4) quarters of 2020 reporting period were delivered to Permian Basin Environmental Laboratories in Midland, Texas for determination of

BTEX constituent concentrations by EPA Method 8021B. Polynuclear Aromatic Hydrocarbons (PAH) analysis by EPA Method 8270 was scheduled during the 2020 calendar year on monitor well MW-2 and MW-6. Due to the presence of PSH in monitor wells MW-2 and MW-6, PAH analysis was not conducted during the reporting period. Based on historical PAH analytical data, only those wells exhibiting elevated constituent concentrations above NMWQCC Drinking Water Standards are sampled, with the exclusion of those wells containing measurable PSH thicknesses. A listing of BTEX constituent concentrations for 2020 are summarized in Table 2 and historical concentrations of BTEX in groundwater are summarized in Table 5. The 2020 polynuclear aromatic hydrocarbon concentrations in groundwater are summarized in Table 3 and historical polynuclear aromatic hydrocarbon concentrations in groundwater are summarized in Table 6. Copies of the laboratory reports generated for 2020 are provided in Appendix A. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

Monitor well MW-2 is sampled/monitored on a quarterly schedule. Monitor well MW-2 was not sampled during the 2nd, 3rd, and 4th quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.02 feet, 0.08 feet, and 0.05 feet were reported during the 2nd, 3rd, and 4th quarters of 2020, respectively. Monitor well MW-2 was sampled during the 1st quarter of the reporting period and the analytical results indicated the benzene concentration was 0.310 mg/L during the 1st quarter. The benzene concentration was above the NMOCD regulatory guideline during the first quarter of the reporting period. The toluene concentration was 0.0587 mg/L during the 1st quarter. The toluene concentration was below the NMOCD regulatory guideline during the first quarter of the reporting period. The ethylbenzene concentration was 0.0845 mg/L during the 1st quarter. The ethylbenzene concentration was below the NMOCD regulatory guideline during the first quarter of the reporting period. The xylene concentration was 0.2522 mg/L during the 1st quarter. The xylene concentration was below the NMOCD regulatory guideline during the first quarter of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-3 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during all four (4) quarters of 2020. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 2012. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-4 is sampled on a semi-annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during the 2nd and 4th quarter sampling events. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-5 is sampled on a semi-annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during the 2nd and 4th quarter sampling events. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 2nd quarter of 2005. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-6 is monitored on a quarterly schedule. Monitor well MW-6 was not sampled during the 1st, 2nd, 3rd, and 4th quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 1.62 feet, 2.25 feet, 2.83 feet, and 2.77 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2020, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-8 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 3rd quarter of 1999. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-9 is sampled on a semi-annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during the 2nd and 4th quarters of 2020. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 2003. PAH analysis was not required during the 4th quarter sampling event. Please note, monitor well MW-9 was inadvertently omitted from the June 2-3, 2020 sampling event and was sampled on June 18, 2020.

Monitor well MW-12 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during all four (4) quarters of 2020. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 2003. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-13 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during all four (4) quarters of 2020. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since 2nd quarter of 2005. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-14 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during all four (4) quarters of 2020. BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 2007. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-15 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during all four (4) quarters of 2020. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since 3rd quarter of 2007. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-16 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated

BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 2004. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-17 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during all four (4) quarters of 2020. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 2004. PAH analysis was not required during the 4th quarter sampling event.

Recovery well RW-1 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.00440 mg/L during the 3rd quarter to 0.0275 mg/L during the 4th quarter of 2020. Benzene concentrations were above the NMOCD regulatory guidelines during the 1st and 4th quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 1st and 2nd quarters to 0.00154 mg/L during the 3rd quarter of 2020. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 2nd, 3rd, and 4th quarters to 0.00188 mg/L during the 1st quarter of 2020. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 1st, 2nd, and 4th quarters to 0.00293 mg/L during the 3rd quarter of 2020. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Recovery well RW-2 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during all four (4) quarters of 2020. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 2015. PAH analysis was not required during the 4th quarter sampling event.

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

SUMMARY

This report presents the results of monitoring activities for the annual monitoring period of 2020. Currently, there are thirteen (13) groundwater monitor wells (MW-2 through MW-6, MW-8, MW-9, and MW-12 through MW-17) and two (2) recovery wells (RW-1 and RW-2) on-site. The most recent Inferred Groundwater Gradient Map, Figure 2D, indicated a general gradient of 0.0006 feet/foot to the southeast.

A measurable thickness of PSH was detected in monitor well MW-6 during all four (4) sampling events of 2020. A maximum PSH thickness of 2.90 feet was recorded in monitor well MW-6 on October 12, 2020 and is shown on Table 1. The average thickness of PSH in monitor well MW-6 during 2020 was 2.18 feet.

A measurable thickness of PSH was detected in monitor well MW-2 from June 3, 2020 to November 13, 2020. A maximum PSH thickness of 0.08 feet was recorded in monitor well MW-2 on September 21, 2020 and is shown on Table 1. The average thickness of PSH in monitor well MW-2 during 2020 was 0.03 feet.

Approximately 28.1 gallons (0.52 barrels) of PSH were recovered manually from the Site during the 2020 reporting period. Approximately 1,689.25 gallons (40.22 barrels) of PSH have been recovered by manual and automated recovery methods since project inception.

Review of the laboratory analytical results generated from analysis of the groundwater samples obtained during the 4th quarter of the 2020 monitoring period indicated BTEX constituent concentrations are below the NMOCD regulatory guidelines in twelve (12) of the fifteen (15) monitor and recovery wells.

ANTICIPATED ACTIONS

The following sampling schedule modifications will be implemented during the 2021 reporting period.

- **Monitor well MW-9 is currently sampled on a semi-annual schedule and has not exhibited BTEX constituents above the NMOCD regulatory guidelines since the 1st quarter of 2003. Based on the analytical results, monitor well MW-9 will be sampled on an annual schedule from the 2021 reporting period moving forward.**
- **Monitor well MW-12 is currently sampled on a quarterly schedule and has not exhibited BTEX constituents above the NMOCD regulatory guidelines since the 1st quarter of 2003. Based on the analytical results, monitor well MW-12 will be sampled on an annual schedule from the 2021 reporting period moving forward.**
- **Monitor well MW-15 is currently sampled on a quarterly schedule and has not exhibited BTEX constituents above the NMOCD regulatory guidelines since the 3rd quarter of 2007. Based on the analytical results, monitor well MW-15 will be sampled on an annual schedule from the 2021 reporting period moving forward.**
- **Monitor well MW-13 is currently sampled on a quarterly schedule and has not exhibited BTEX constituents above the NMOCD regulatory guidelines since the 2nd quarter of 2005. Based on the analytical results, monitor well MW-13 will be sampled on an annual schedule from the 2021 reporting period moving forward.**
- **Monitor well MW-5 is currently sampled on a semi-annual schedule and has not exhibited BTEX constituents above the NMOCD regulatory guidelines since the 2nd quarter of 2005. Based on the analytical results, monitor well MW-5 will be sampled on an annual schedule from the 2021 reporting period moving forward.**
- **Monitor well MW-4 is currently sampled on a semi-annual schedule and has not exhibited BTEX constituents above the NMOCD regulatory guidelines since the 3rd quarter of 2005. Based on the analytical results, monitor well MW-4 will be sampled**

on an annual schedule from the 2021 reporting period moving forward.

- Monitor well MW-14 is currently sampled on a quarterly schedule and has not exhibited BTEX constituents above the NMOCD regulatory guidelines since the 4th quarter of 2007. Based on the analytical results, monitor well MW-14 will be sampled on an annual schedule from the 2021 reporting period moving forward.
- Monitor well MW-17 is currently sampled on a quarterly schedule and has not exhibited BTEX constituents above the NMOCD regulatory guidelines since the 4th quarter of 2007. Based on the analytical results, monitor well MW-17 will be sampled on an annual schedule from the 2021 reporting period moving forward.

Modified Sampling Schedule	
MW-1	Plugged and Abandoned
MW-2	Quarterly
MW-3	Quarterly
MW-4	Annually
MW-5	Annually
MW-6	Quarterly
MW-7	Plugged and Abandoned
MW-8	Annually
MW-9	Annually
MW-10	Plugged and Abandoned
MW-11	Plugged and Abandoned
MW-12	Annually
MW-13	Annually
MW-14	Annually
MW-15	Annually
MW-16	Annually
MW-17	Annually
RW-1	Quarterly
RW-2	Quarterly

Quarterly groundwater monitoring, sampling and manual quarterly PSH recovery will continue in 2021. An Annual Monitoring Report will be submitted to the NMOCD by April 1, 2022.

Based on the results of the PAH analysis over the past several years, PAH analysis will be conducted on monitor wells MW-2, and MW-6.

One (1) soil boring will be placed in the vicinity of monitor well MW-2 to a depth of at least forty (40) feet bgs and one (1) additional monitor well will be installed north of monitor well MW-2. Due to landowner issues, the installation of the soil boring and monitor well has been delayed. When approval from the landowner and the Request for Drilling Permit has been obtained from the New Mexico Office of the State Engineer, arrangements will be made to complete the advancement of the soil boring and installation of the monitor well.

LIMITATIONS

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

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

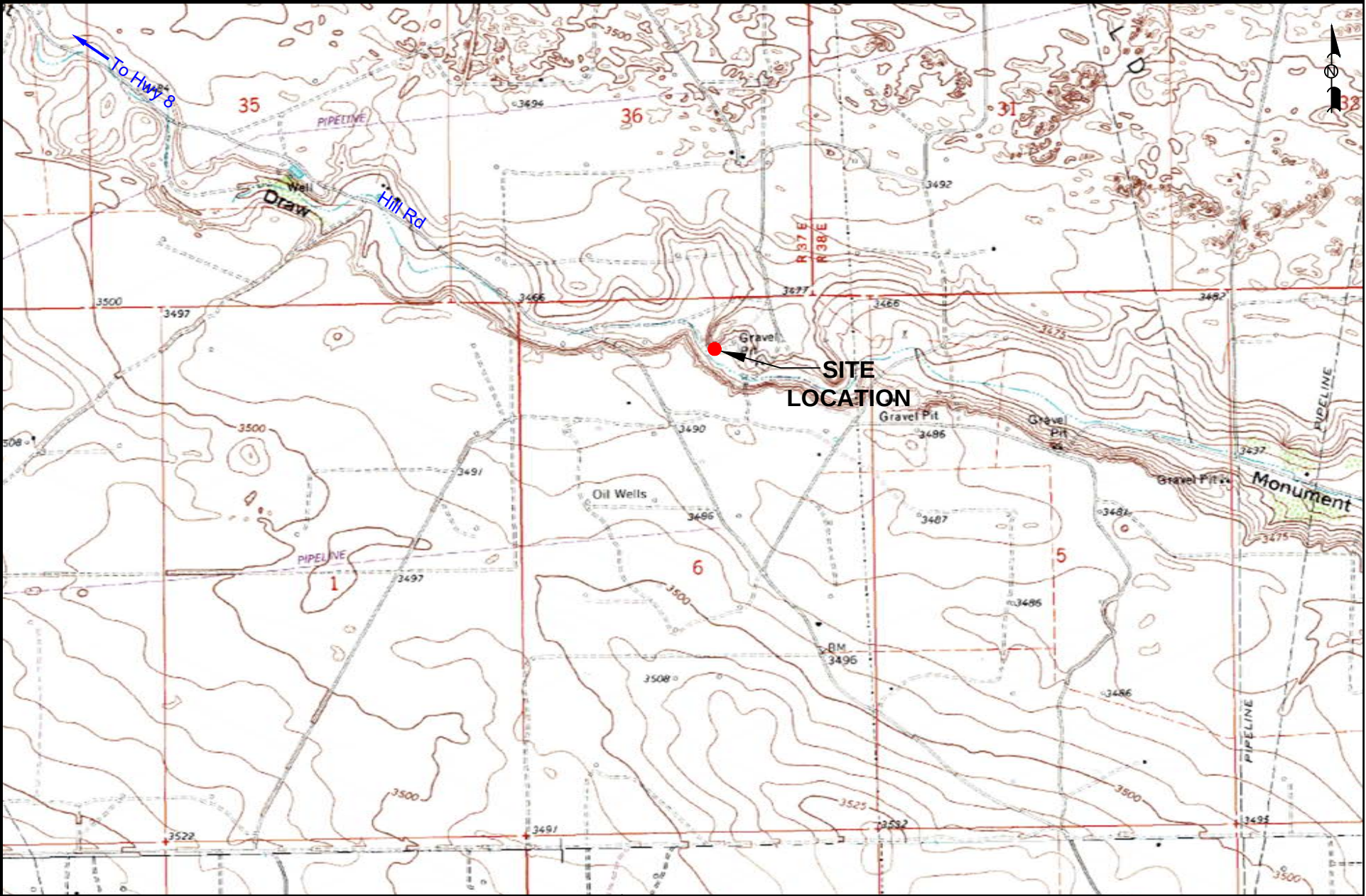
This report has been prepared for the benefit of Plains. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of TRC and/or Plains.

DISTRIBUTION

- Copy 1 Bradford Billings
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Santa Fe, NM 87505
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1625 French Drive
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Figures

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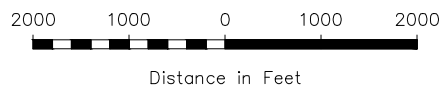


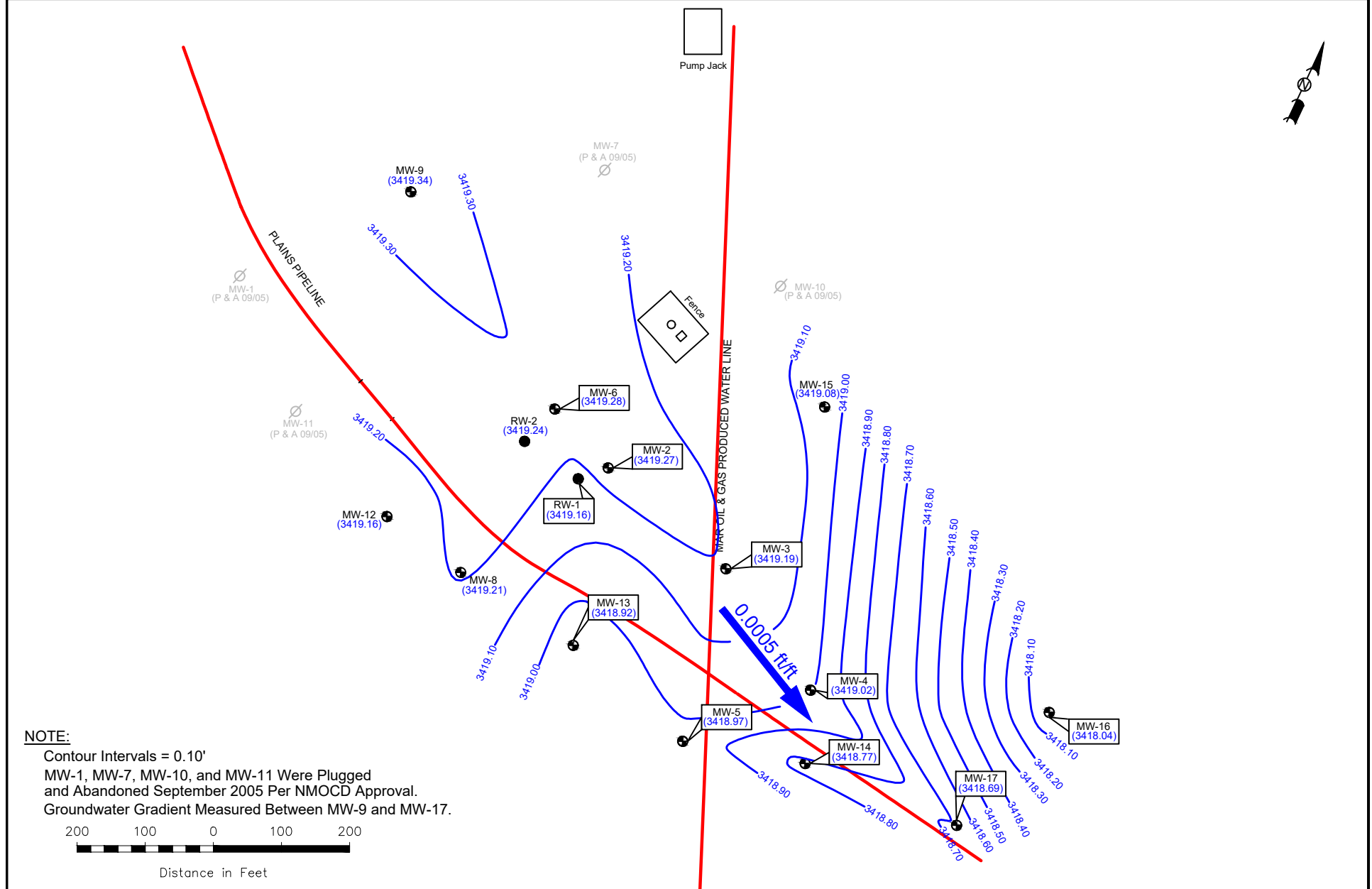
Figure 1
Site Location Map
Plains Marketing, L.P.
HDO 90-23
NMOCD Reference # AP-9-0
Lea County, NM

Scale: 1" = 2000'	
CAD By: TA	Checked By: CS
Draft: March 2, 2015	
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TRC Proj. No.: 014181	

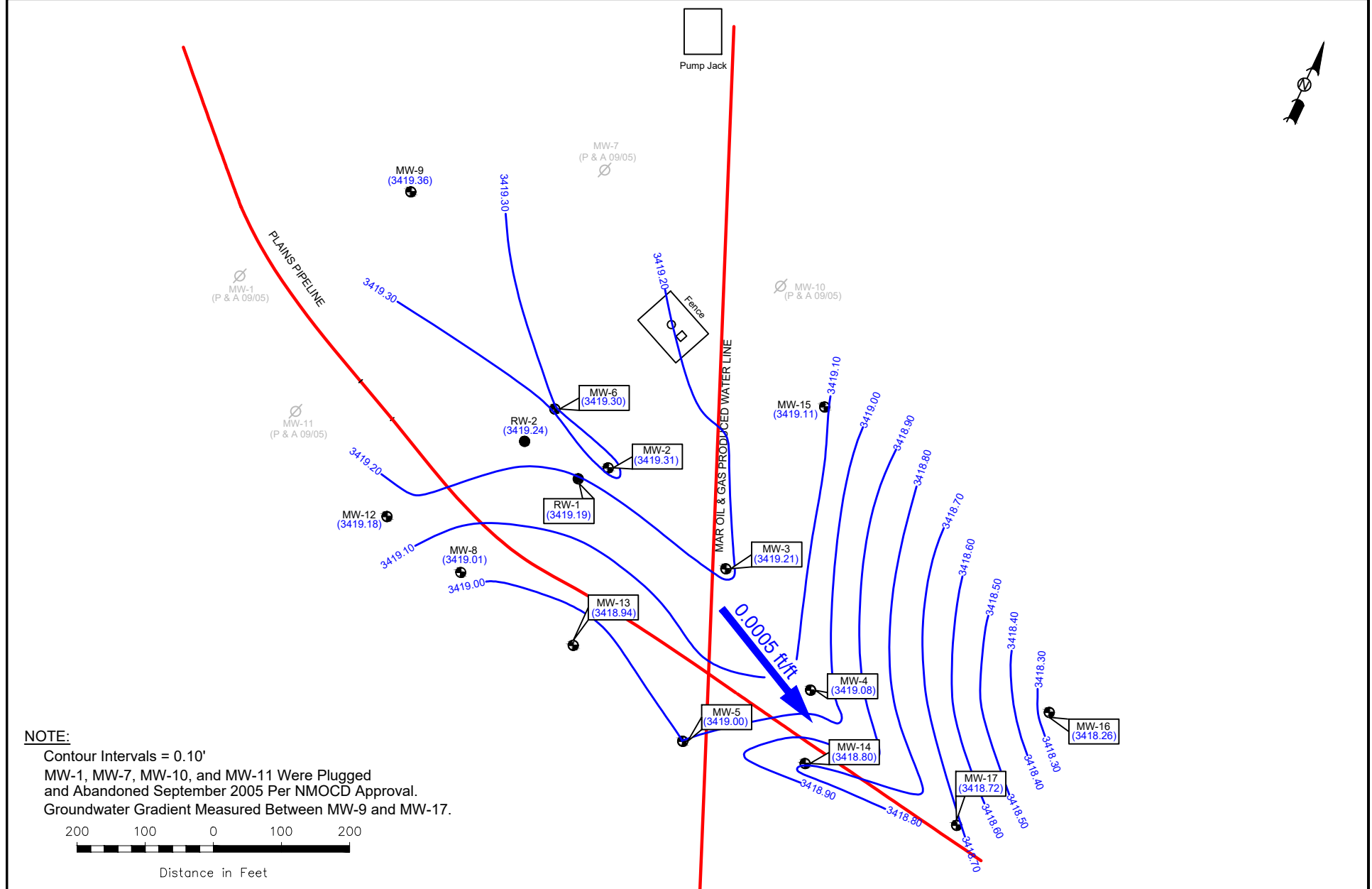


10 Desta Drive, Suite 150E
Midland, Texas 79705
432.520.7720

DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\HDO-90-23 (2019)\CAD\2020 Working Files\GWG\ Figure 2A Gradient 2.25.20.dwg --- PLOT DATE: December 23, 2020 - 8:54AM --- LAYOUT: Layout1



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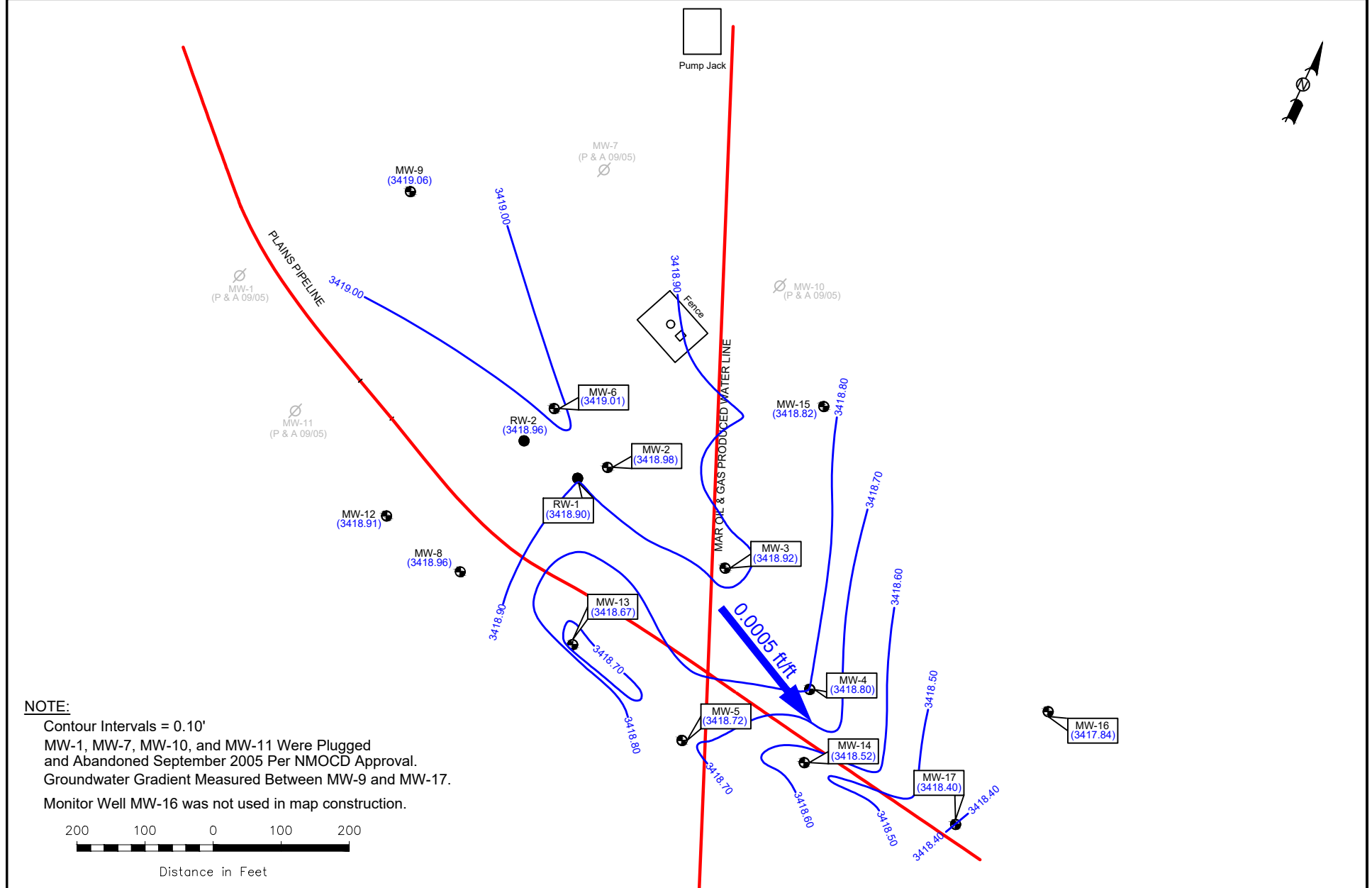
- Monitor Well Location
- Recovery Well Location
- Plugged and Abandoned Well
- (3791.69) Groundwater Elevation (Feet)
- Groundwater Elevation Contour Line

Figure 2B
Inferred Groundwater
Gradient Map
(6/2/2020-6/3/2020)
Plains Marketing, L.P.
HDO 90-23
NMOCD Reference #AP-009
Lea County, NM

Scale: 1" = 200'	
CAD By: CS	Checked By: CS
Draft: August 10, 2020	
Lat. N 32.520027°, Long. W 103.200794°	
NE1/4 NW1/4 Sec 6 T21S R37E	
TRC Proj. No.: 014181	



DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\HDO-90-23 (2019)\CAD\2020 Working Files\GWG\ Figure 2C Gradient 9.21.22.2020.dwg --- PLOT DATE: December 23, 2020 - 8:56AM --- LAYOUT: Layout1



NOTE:
 Contour Intervals = 0.10'
 MW-1, MW-7, MW-10, and MW-11 Were Plugged and Abandoned September 2005 Per NMOCD Approval.
 Groundwater Gradient Measured Between MW-9 and MW-17.
 Monitor Well MW-16 was not used in map construction.

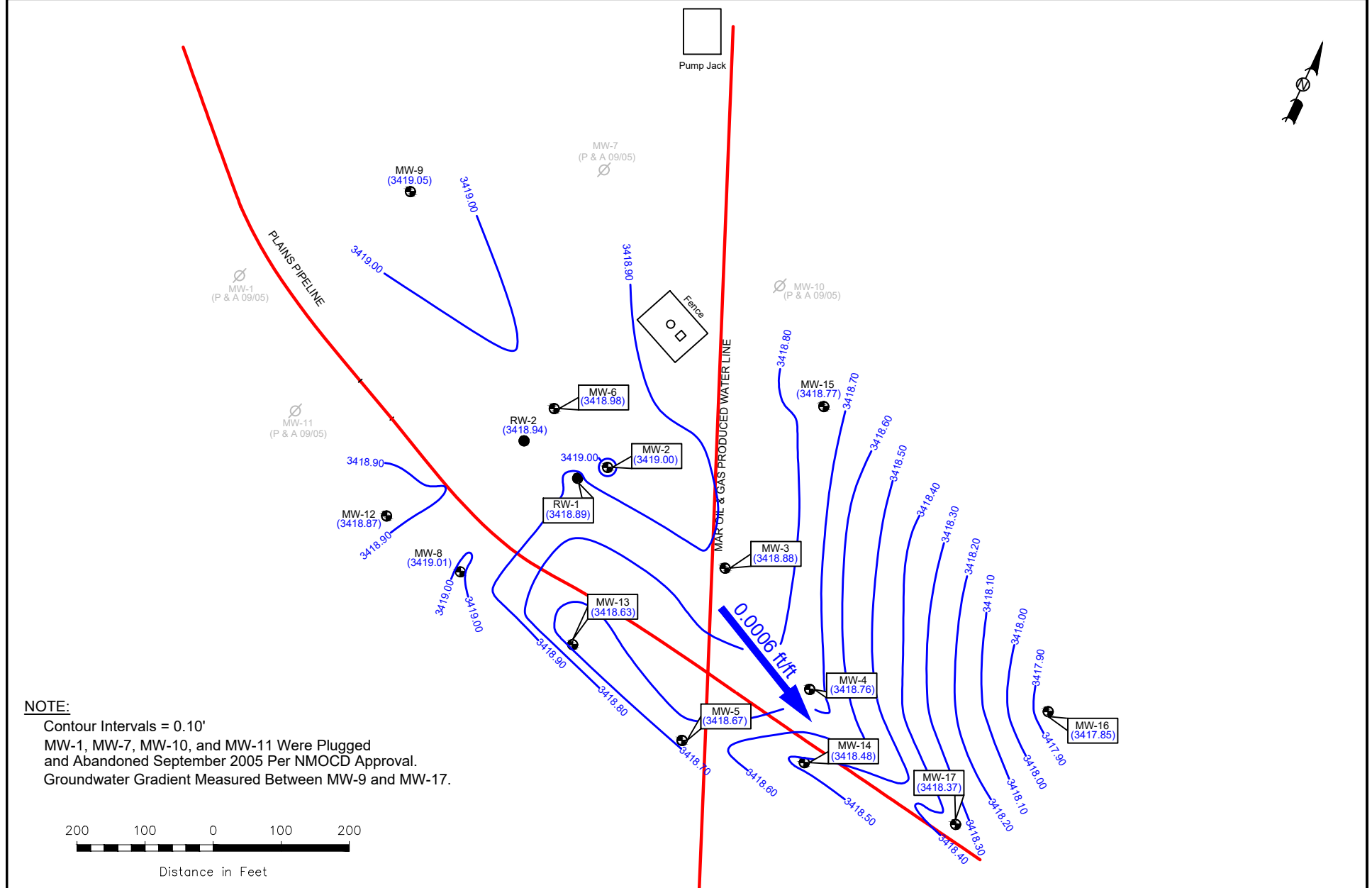
- LEGEND:**
- Monitor Well Location
 - Pipeline
 - Recovery Well Location
 - Plugged and Abandoned Well
 - (3791.69) Groundwater Elevation (Feet)
 - Groundwater Elevation Contour Line

Figure 2C
 Inferred Groundwater
 Gradient Map
 (9/21/2020 - 9/22/2020)
 Plains Marketing, L.P.
 HDO 90-23
 NMOCD Reference #AP-009
 Lea County, NM

Scale: 1" = 200'	
CAD By: CS	Checked By: CS
Draft: September 29, 2020	
Lat. N 32.520027°, Long. W 103.200794°	
NE1/4 NW1/4 Sec 6 T21S R37E	
TRC Proj. No.: 014181	

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DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\HDO-90-23 (2019)\CAD\2020 Working Files\GWG\ Figure 2D Gradient 11.13.2020.dwg --- PLOT DATE: December 23, 2020 - 8:57AM --- LAYOUT: Layout1



LEGEND:

- Monitor Well Location
- Pipeline
- Recovery Well Location
- Plugged and Abandoned Well
- (3791.69) Groundwater Elevation (Feet)
- Groundwater Elevation Contour Line

Figure 2D
 Inferred Groundwater
 Gradient Map
 (11/13/2020)
 Plains Marketing, L.P.
 HDO 90-23
 NMOCD Reference #AP-009
 Lea County, NM

Scale: 1" = 200'

CAD By: CS Checked By: CS

Draft: December 16, 2020

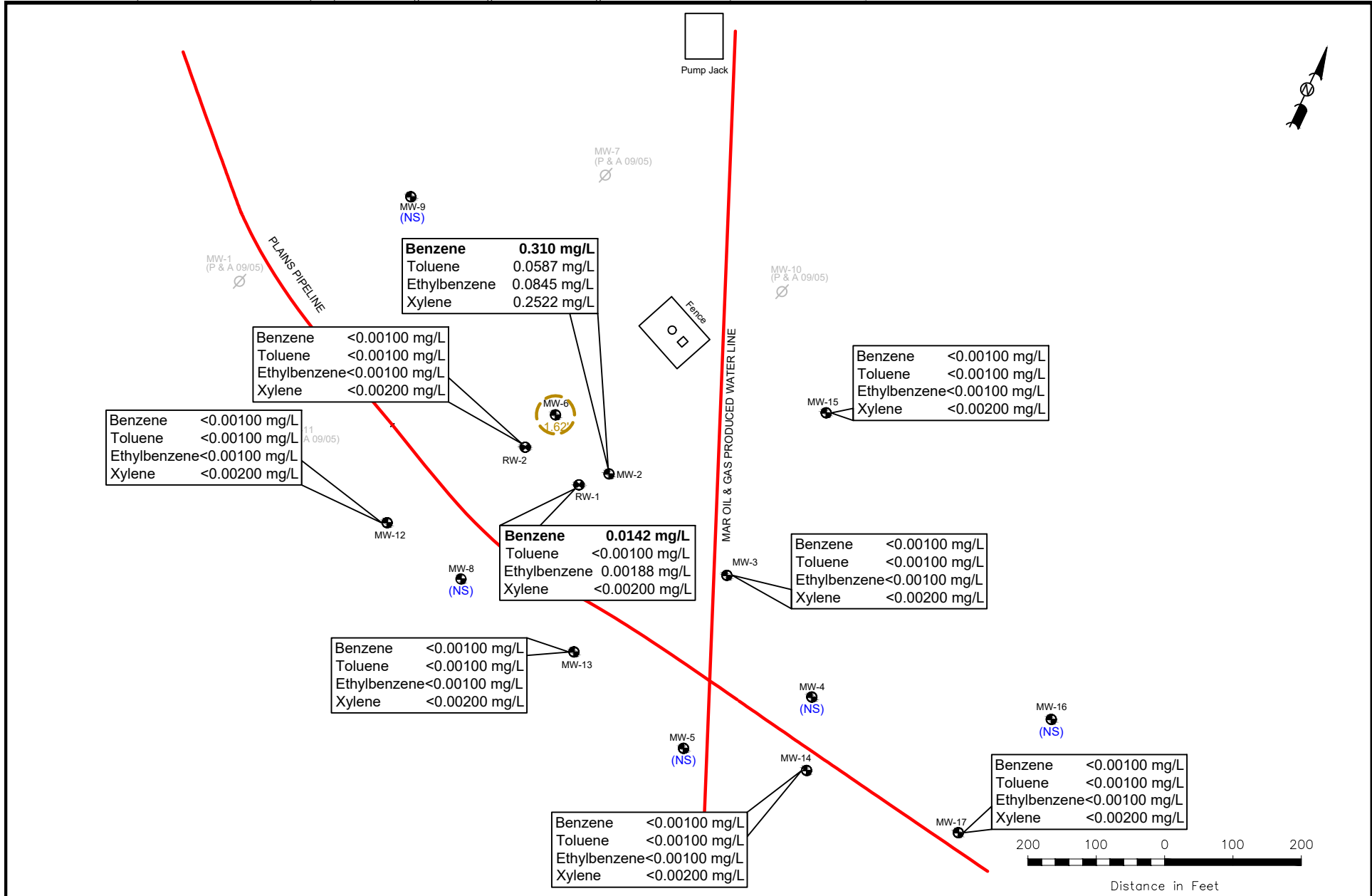
Lat. N 32.520027°, Long. W 103.200794°

NE1/4 NW1/4 Sec 6 T21S R37E

TRC Proj. No.: 014181

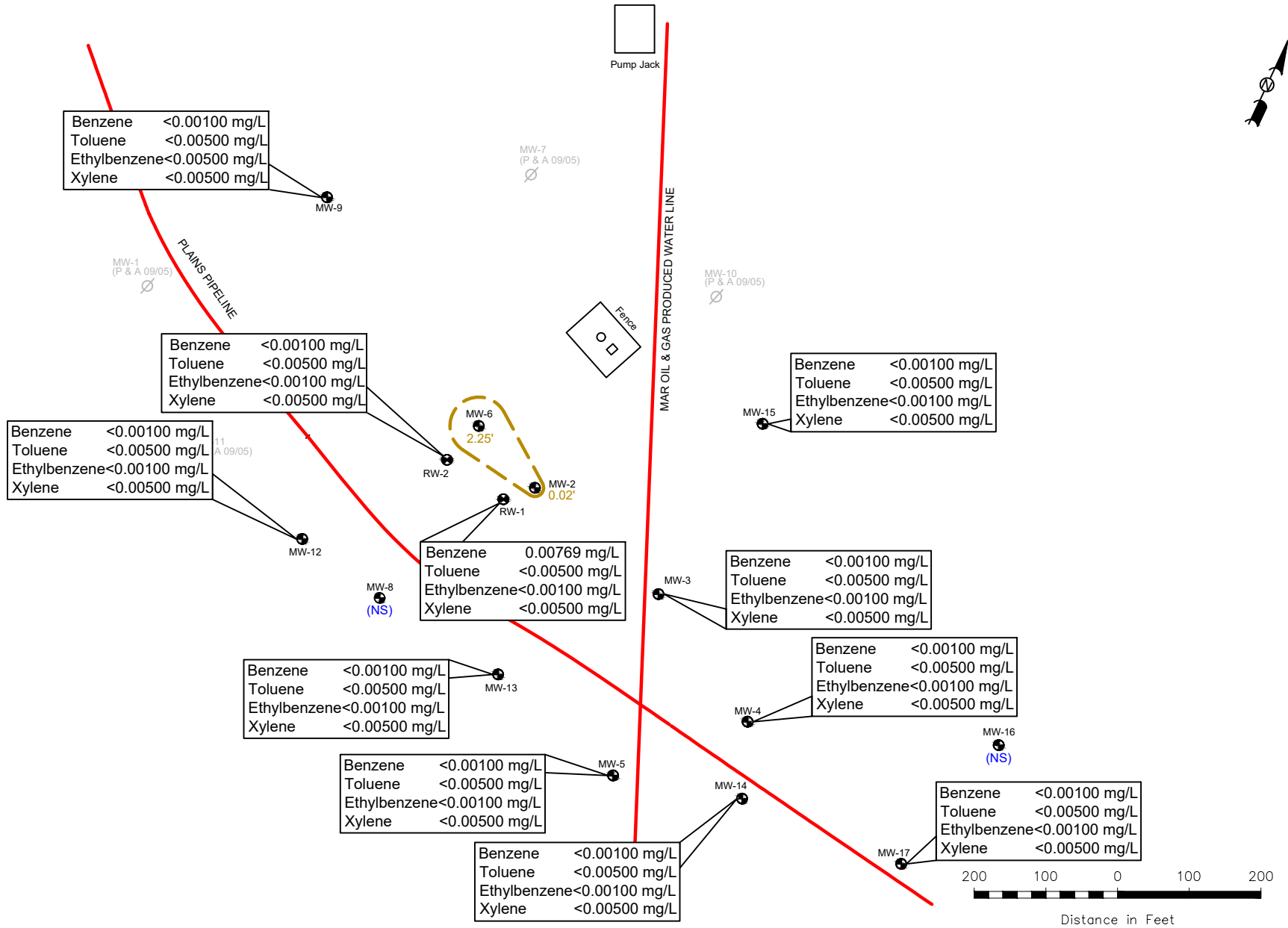


DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\HDO-90-23 (2019)\CAD\2020 Working Files\BTEX\ Figure 3A BTEX 2.25.20.dwg --- PLOT DATE: December 23, 2020 - 9:04AM --- LAYOUT: Layout1



LEGEND:		Figure 3A Groundwater Concentration and Inferred PSH Extent Map (2/25/2020) Plains Marketing, L.P. HDO 90-23 NMOC Reference #AP-009 Lea County, NM		Scale: 1" = 200' CAD By: CS Checked By: CS Draft: March 12, 2020 Lat. N 32.520027°, Long. W 103.200794° NE1/4 NW1/4 Sec 6 T21S R37E TRC Proj. No.: 014181		 10 Desta Drive, Suite 150E Midland, Texas 79705 432.520.7720
Monitor Well Location Inferred PSH Extent Pipeline (NS) Not Sampled (NA) PSH Thickness Data Unavailable <0.001 Constituent Concentration (mg/L)	0.18' PSH Thickness (in feet)					

DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\HDO-90-23 (2019)\CAD\2020 Working Files\BTEX\ Figure 3B BTEX 6.2.3.2020.dwg --- PLOT DATE: December 23, 2020 - 9:05AM --- LAYOUT: Layout1



LEGEND:

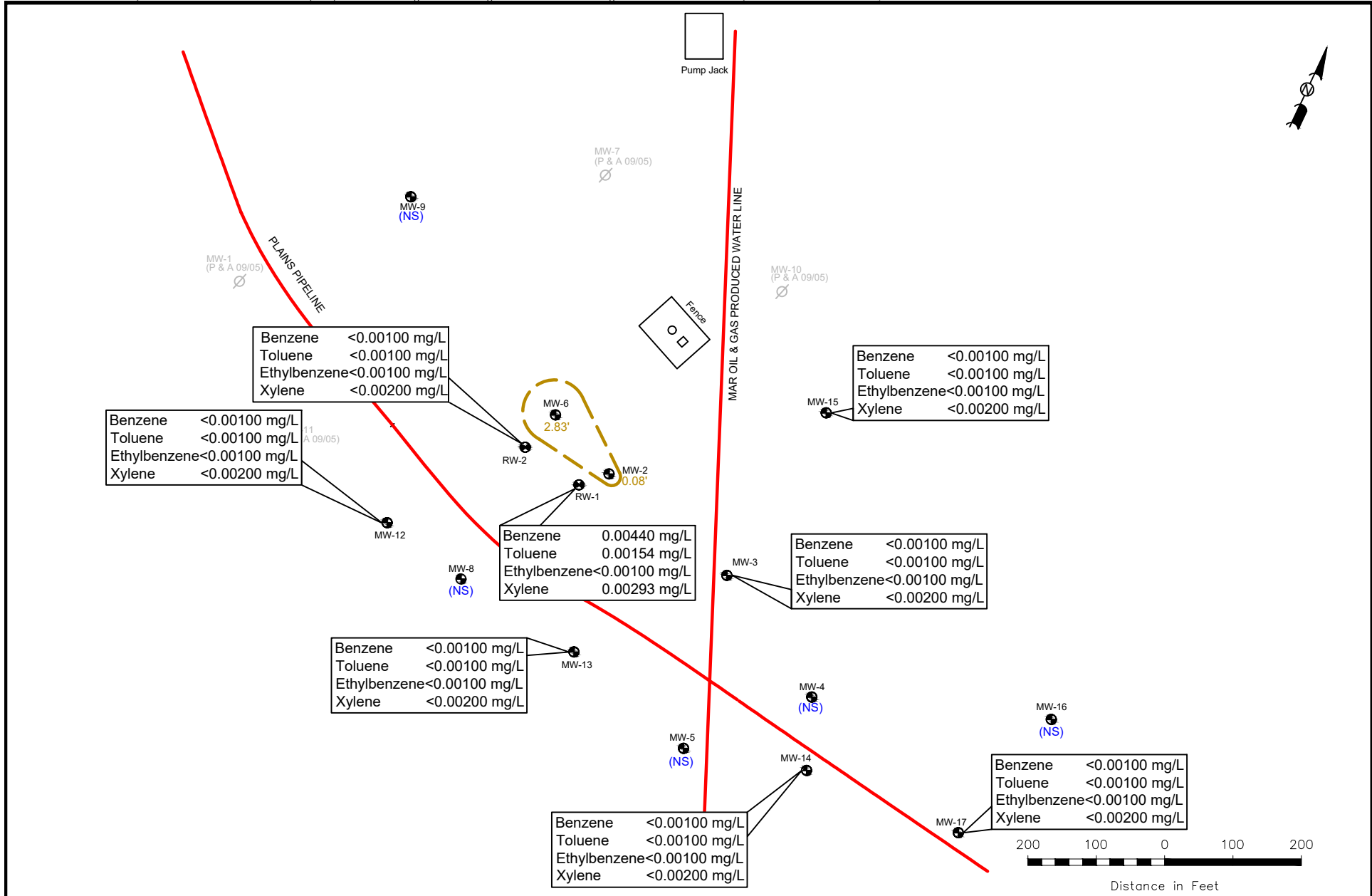
- Monitor Well Location
- Inferred PSH Extent
- Pipeline
- (NS) Not Sampled
- (NA) PSH Thickness Data Unavailable
- <0.001 Constituent Concentration (mg/L)
- 0.18' PSH Thickness (in feet)

Figure 3B
Groundwater Concentration and
Inferred PSH Extent Map
(6/2/2020-6/3/2020 and 6/18/2020)
Plains Marketing, L.P.
HDO 90-23
NMOC Reference #AP-9-0
Lea County, NM

Scale: 1" = 200'	
CAD By: CS	Checked By: CS
Draft: June 22, 2020	
Lat. N 32.520027°, Long. W 103.200794°	
NE1/4 NW1/4 Sec 6 T21S R37E	
TRC Proj. No.: 014181	

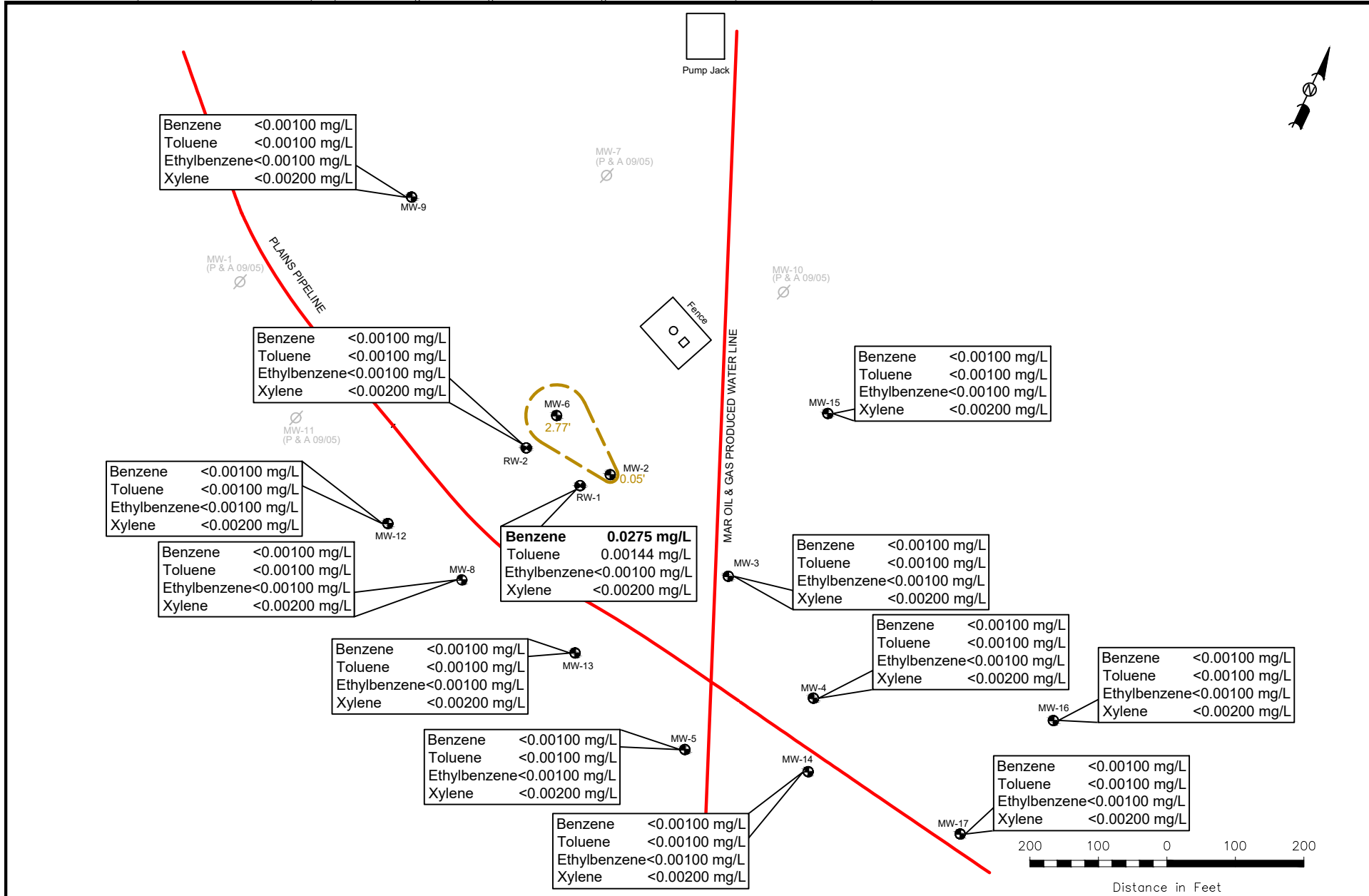


DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\HDO-90-23 (2019)\CAD\2020 Working Files\BTEX\ Figure 3C BTEX 9.21.22.20.dwg -- PLOT DATE: December 23, 2020 - 9:05AM -- LAYOUT: Layout1



LEGEND: Monitor Well Location Inferred PSH Extent Pipeline (NS) Not Sampled (NA) PSH Thickness Data Unavailable <0.001 Constituent Concentration (mg/L) 0.18' PSH Thickness (in feet)	Figure 3C Groundwater Concentration and Inferred PSH Extent Map (9/21/2020 - 9/22/2020) Plains Marketing, L.P. HDO 90-23 NMOC Reference #AP-9-0 Lea County, NM	Scale: 1" = 200'	
		CAD By: CS	Checked By: CS
		Draft: September 30, 2020	
		Lat. N 32.520027°, Long. W 103.200794°	
		NE1/4 NW1/4 Sec 6 T21S R37E	
TRC Proj. No.: 014181			
 10 Desta Drive, Suite 150E Midland, Texas 79705 432.520.7720			

DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\HDO-90-23 (2019)\CAD\2020 Working Files\BTEX\ Figure 3d BTEX 11.13.20.dwg --- PLOT DATE: December 23, 2020 - 9:06AM --- LAYOUT: Layout1



LEGEND:

- Monitor Well Location
- Inferred PSH Extent
- Pipeline
- Not Sampled
- PSH Thickness Data Unavailable
- <0.001
- 0.18' PSH Thickness (in feet)

Figure 3D
Groundwater Concentration and
Inferred PSH Extent Map
(11/13/2020)
Plains Marketing, L.P.
HDO 90-23
NMOC Reference #AP-009
Lea County, NM

Scale: 1" = 200'	
CAD By: CS	Checked By: CS
Draft: December 3, 2020	
Lat. N 32.520027°, Long. W 103.200794°	
NE1/4 NW1/4 Sec 6 T21S R37E	
TRC Proj. No.: 014181	



Tables

TABLE 1
2020 GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	01/10/20	3,465.44	-	46.21	0.00	3,419.23
MW - 2	01/21/20	3,465.44	-	46.16	0.00	3,419.28
MW - 2	02/25/20	3,465.44	-	46.17	0.00	3,419.27
MW - 2	06/03/20	3,465.44	46.13	46.15	0.02	3,419.31
MW - 2	09/21/20	3,465.44	46.45	46.53	0.08	3,418.98
MW - 2	10/12/20	3,465.44	46.47	46.52	0.05	3,418.96
MW - 2	11/13/20	3,465.44	46.43	46.48	0.05	3,419.00
MW - 3	01/21/20	3,464.68	-	45.49	0.00	3,419.19
MW - 3	02/25/20	3,464.68	-	45.49	0.00	3,419.19
MW - 3	06/03/20	3,464.68	-	45.47	0.00	3,419.21
MW - 3	09/21/20	3,464.68	-	45.76	0.00	3,418.92
MW - 3	11/13/20	3,464.68	-	45.80	0.00	3,418.88
MW - 4	01/21/20	3,465.76	-	46.75	0.00	3,419.01
MW - 4	02/25/20	3,465.76	-	46.74	0.00	3,419.02
MW - 4	06/02/20	3,465.76	-	46.68	0.00	3,419.08
MW - 4	09/21/20	3,465.76	-	46.96	0.00	3,418.80
MW - 4	11/13/20	3,465.76	-	47.00	0.00	3,418.76
MW - 5	01/21/20	3,467.40	-	48.45	0.00	3,418.95
MW - 5	02/25/20	3,467.40	-	48.43	0.00	3,418.97
MW - 5	06/02/20	3,467.40	-	48.40	0.00	3,419.00
MW - 5	09/21/20	3,467.40	-	48.68	0.00	3,418.72
MW - 5	11/13/20	3,467.40	-	48.73	0.00	3,418.67
MW - 6	01/02/20	3,465.42	45.84	47.95	2.11	3,419.26
MW - 6	01/10/20	3,465.42	45.87	47.63	1.76	3,419.29
MW - 6	01/21/20	3,465.42	45.87	47.64	1.77	3,419.28
MW - 6	02/04/20	3,465.42	45.87	47.75	1.88	3,419.27
MW - 6	02/18/20	3,465.42	45.86	47.72	1.86	3,419.28
MW - 6	02/25/20	3,465.42	45.90	47.52	1.62	3,419.28
MW - 6	06/03/20	3,465.42	45.78	48.03	2.25	3,419.30
MW - 6	09/21/20	3,465.42	45.99	48.82	2.83	3,419.01
MW - 6	10/12/20	3,465.42	46.00	48.90	2.90	3,418.99
MW - 6	11/13/20	3,465.42	46.02	48.79	2.77	3,418.98
MW - 8	01/21/20	3,467.61	-	48.41	0.00	3,419.01
MW - 8	02/25/20	3,467.61	-	48.40	0.00	3,419.21
MW - 8	06/02/20	3,467.61	-	48.37	0.00	3,419.24
MW - 8	09/21/20	3,467.61	-	48.65	0.00	3,418.96
MW - 8	11/13/20	3,467.61	-	48.68	0.00	3,419.01

TABLE 1
2020 GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	01/21/20	3,465.74	-	46.42	0.00	3,419.32
MW - 9	02/25/20	3,465.74	-	46.40	0.00	3,419.34
MW - 9	06/02/20	3,465.74	-	46.38	0.00	3,419.36
MW - 9	06/18/20	3,465.74	-	46.41	0.00	3,419.33
MW - 9	09/21/20	3,465.74	-	46.68	0.00	3,419.06
MW - 9	11/13/20	3,465.74	-	46.69	0.00	3,419.05
MW - 12	01/21/20	3466.69	-	47.56	0.00	3,419.13
MW - 12	02/25/20	3466.69	-	47.53	0.00	3,419.16
MW - 12	06/03/20	3466.69	-	47.51	0.00	3,419.18
MW - 12	09/22/20	3466.69	-	47.78	0.00	3,418.91
MW - 12	11/13/20	3466.69	-	47.82	0.00	3,418.87
MW - 13	01/21/20	3466.98	-	48.09	0.00	3,418.89
MW - 13	02/25/20	3466.98	-	48.06	0.00	3,418.92
MW - 13	06/03/20	3466.98	-	48.04	0.00	3,418.94
MW - 13	09/22/20	3466.98	-	48.31	0.00	3,418.67
MW - 13	11/13/20	3466.98	-	48.35	0.00	3,418.63
MW - 14	01/21/20	3466.50	-	47.74	0.00	3,418.76
MW - 14	02/25/20	3466.50	-	47.73	0.00	3,418.77
MW - 14	06/03/20	3466.50	-	47.70	0.00	3,418.80
MW - 14	09/22/20	3466.50	-	47.98	0.00	3,418.52
MW - 14	11/13/20	3466.50	-	48.02	0.00	3,418.48
MW - 15	01/21/20	3466.10	-	47.03	0.00	3,419.07
MW - 15	02/25/20	3466.10	-	47.02	0.00	3,419.08
MW - 15	06/03/20	3466.10	-	46.99	0.00	3,419.11
MW - 15	09/22/20	3466.10	-	47.28	0.00	3,418.82
MW - 15	11/13/20	3466.10	-	47.33	0.00	3,418.77
MW - 16	01/21/20	3465.93	-	48.04	0.00	3,417.89
MW - 16	02/25/20	3465.93	-	47.89	0.00	3,418.04
MW - 16	06/02/20	3465.93	-	47.67	0.00	3,418.26
MW - 16	09/21/20	3465.93	-	48.09	0.00	3,417.84
MW - 16	11/13/20	3465.93	-	48.08	0.00	3,417.85
MW - 17	01/21/20	3468.68	-	50.00	0.00	3,418.68
MW - 17	02/25/20	3468.68	-	49.99	0.00	3,418.69
MW - 17	06/02/20	3468.68	-	49.96	0.00	3,418.72
MW - 17	09/22/20	3468.68	-	50.28	0.00	3,418.40

TABLE 1
2020 GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	11/13/20	3468.68	-	50.31	0.00	3,418.37
RW-1	01/21/20	3465.02	-	45.86	0.00	3,419.16
RW-1	02/25/20	3465.02	-	45.86	0.00	3,419.16
RW-1	06/03/20	3465.02	-	45.83	0.00	3,419.19
RW-1	09/21/20	3465.02	-	46.12	0.00	3,418.90
RW-1	11/13/20	3465.02	-	46.13	0.00	3,418.89
RW - 2	01/21/20	3465.21	-	46.00	0.00	3419.21
RW - 2	02/25/20	3465.21	-	45.97	0.00	3419.24
RW - 2	06/03/20	3465.21	-	45.97	0.00	3419.24
RW - 2	09/21/20	3465.21	-	46.25	0.00	3418.96
RW - 2	11/13/20	3465.21	-	46.27	0.00	3418.94

Note: Elevations based on North American Vertical Datum of 1929.

*Inconsistent Data

TABLE 2

2020 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 2	02/25/20	0.310	0.0587	0.0845	0.2522	
MW - 2	06/02/20	Not Sampled due to PSH in Well				
MW - 2	09/21/20	Not Sampled due to PSH in Well				
MW - 2	11/13/20	Not Sampled due to PSH in Well				
MW - 3	02/25/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 3	06/03/20	<0.00100	<0.00500	<0.00100	<0.00500	
MW - 3	09/22/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 3	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 4	02/25/20	Not Sampled on Current Sample Schedule				
MW - 4	06/02/20	<0.00100	<0.00500	<0.00100	<0.00500	
MW - 4	09/21/20	Not Sampled on Current Sample Schedule				
MW - 4	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5	02/25/20	Not Sampled on Current Sample Schedule				
MW - 5	06/02/20	<0.00100	<0.00500	<0.00100	<0.00500	
MW - 5	09/21/20	Not Sampled on Current Sample Schedule				
MW - 5	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	02/25/20	Not Sampled due to PSH in Well				
MW - 6	06/02/20	Not Sampled due to PSH in Well				
MW - 6	09/21/20	Not Sampled due to PSH in Well				
MW - 6	11/13/20	Not Sampled due to PSH in Well				
MW - 8	02/25/20	Not Sampled on Current Sample Schedule				
MW - 8	06/02/20	Not Sampled on Current Sample Schedule				
MW - 8	09/21/20	Not Sampled on Current Sample Schedule				
MW - 8	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	02/25/20	Not Sampled on Current Sample Schedule				
MW - 9	06/18/20	<0.00100	<0.00500	<0.00500	<0.00500	
MW - 9	09/21/20	Not Sampled on Current Sample Schedule				
MW - 9	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	02/25/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	06/03/20	<0.00100	<0.00500	<0.00100	<0.00500	
MW - 12	09/22/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	02/25/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	06/03/20	<0.00100	<0.00500	<0.00100	<0.00500	

TABLE 2

2020 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 13	09/22/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	02/25/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	06/03/20	<0.00100	<0.00500	<0.00100	<0.00500	
MW - 14	09/22/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	02/25/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	06/03/20	<0.00100	<0.00500	<0.00100	<0.00500	
MW - 15	09/22/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 16	02/25/20	Not Sampled on Current Sample Schedule				
MW - 16	06/02/20	Not Sampled on Current Sample Schedule				
MW - 16	09/21/20	Not Sampled on Current Sample Schedule				
MW - 16	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	02/25/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	06/02/20	<0.00100	<0.00500	<0.00100	<0.00500	
MW - 17	09/22/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 1	02/25/20	0.0142	<0.00100	0.00188	<0.00200	
RW - 1	06/03/20	0.00769	<0.00500	<0.00100	<0.00500	
RW - 1	09/22/20	0.00440	0.00154	<0.00100	0.00293	
RW - 1	11/13/20	0.0275	0.00144	<0.00100	<0.00200	
RW - 2	02/25/20	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 2	06/03/20	<0.00100	<0.00500	<0.00100	<0.00500	
RW - 2	09/22/20	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 2	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 3

2020 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM HDO-90-23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

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-2	11/13/20	Not Sampled due to the presence of PSH.																		
MW-3	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/13/20	Not Sampled due to the presence of PSH.																		
MW-8	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
RW-1	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
RW-2	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	03/08/00	3,465.61	-	46.16	0.00	3,419.45
MW - 1	05/12/00	3,465.61	-	46.13	0.00	3,419.48
MW - 1	09/11/00	3,465.61	-	46.18	0.00	3,419.43
MW - 1	12/11/00	3,465.61	-	46.23	0.00	3,419.38
MW - 1	03/19/01	3,465.61	-	46.16	0.00	3,419.45
MW - 1	05/30/01	3,465.61	-	46.13	0.00	3,419.48
MW - 1	09/25/01	3,465.61	-	46.37	0.00	3,419.24
MW - 1	11/20/01	3,465.61	-	46.38	0.00	3,419.23
MW - 1	02/20/02	3,465.61	-	46.34	0.00	3,419.27
MW - 1	06/25/02	3,465.61	-	46.37	0.00	3,419.24
MW - 1	09/17/02	3,465.61	-	46.36	0.00	3,419.25
MW - 1	11/20/02	3,465.61	-	46.38	0.00	3,419.23
MW - 1	01/21/03	3,465.61	-	46.26	0.00	3,419.35
MW - 1	02/10/03	3,465.61	-	46.24	0.00	3,419.37
MW - 1	05/15/03	3,465.61	-	46.27	0.00	3,419.34
MW - 1	08/26/03	3,465.61	-	46.45	0.00	3,419.16
MW - 1	11/24/03	3,465.61	-	46.50	0.00	3,419.11
MW - 1	05/12/04	3,465.61	-	46.26	0.00	3,419.35
MW - 1	07/13/04	3,465.61	47.84	48.23	0.39	3,417.71
MW - 1	07/21/04	3,465.61	47.44	47.80	0.36	3,418.12
MW - 1	08/23/04	3,465.61	-	45.74	0.00	3,419.87
MW - 1	12/07/04	3,465.61	-	45.26	0.00	3,420.35
MW - 1	03/09/05	3,465.61	-	45.33	0.00	3,420.28
MW - 1	06/09/05	3,465.61	-	45.34	0.00	3,420.27
MW - 1	08/09/05	3,465.61	-	45.28	0.00	3,420.33
MW - 1	09/01/05	3,465.61	-	45.19	0.00	3,420.42
MW - 1	09/08/05	3,465.61	-	45.22	0.00	3,420.39
MW - 1	09/13/05	PLUGGED & ABANDONED				
MW - 2	03/08/00	3,465.44	46.19	46.39	0.20	3,419.22
MW - 2	05/12/00	3,465.44	46.22	46.32	0.10	3,419.21
MW - 2	09/11/00	3,465.44	46.21	46.30	0.09	3,419.22
MW - 2	12/11/00	3,465.44	46.06	47.88	1.82	3,419.11
MW - 2	03/19/01	3,465.44	46.19	46.39	0.20	3,419.22
MW - 2	05/30/01	3,465.44	46.31	46.35	0.04	3,419.12
MW - 2	09/25/01	3,465.44	46.14	46.34	0.20	3,419.27
MW - 2	11/20/01	3,465.44	46.44	46.65	0.21	3,418.97
MW - 2	02/20/02	3,465.44	46.43	46.68	0.25	3,418.97
MW - 2	06/25/02	3,465.44	46.28	47.90	1.62	3,418.92
MW - 2	09/17/02	3,465.44	46.19	48.35	2.16	3,418.93

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	11/07/02	3,465.44	46.53	46.53	0.00	3,418.91
MW - 2	11/20/02	3,465.44	46.38	46.57	0.19	3,419.03
MW - 2	01/07/03	3,465.44	46.41	46.56	0.15	3,419.01
MW - 2	01/13/03	3,465.44	46.41	46.42	0.01	3,419.03
MW - 2	01/21/03	3,465.44	46.37	46.43	0.06	3,419.06
MW - 2	01/27/03	3,465.44	46.34	46.40	0.06	3,419.09
MW - 2	02/10/03	3,465.44	46.40	46.48	0.08	3,419.03
MW - 2	02/19/03	3,465.44	46.27	46.51	0.24	3,419.13
MW - 2	02/26/03	3,465.44	46.30	46.36	0.06	3,419.13
MW - 2	03/05/03	3,465.44	46.26	46.57	0.31	3,419.13
MW - 2	03/20/03	3,465.44	46.40	46.74	0.34	3,418.99
MW - 2	03/25/03	3,465.44	46.35	46.70	0.35	3,419.04
MW - 2	04/03/03	3,465.44	46.30	46.71	0.41	3,419.08
MW - 2	04/16/03	3,465.44	46.39	46.71	0.32	3,419.00
MW - 2	05/08/03	3,465.44	46.44	46.87	0.43	3,418.94
MW - 2	05/15/03	3,465.44	46.32	46.96	0.64	3,419.02
MW - 2	05/20/03	3,465.44	46.43	47.11	0.68	3,418.91
MW - 2	05/27/03	3,465.44	46.54	46.61	0.07	3,418.89
MW - 2	06/03/03	3,465.44	46.50	46.54	0.04	3,418.93
MW - 2	06/05/03	3,465.44	46.43	46.46	0.03	3,419.01
MW - 2	06/25/03	3,465.44	46.67	46.69	0.02	3,418.77
MW - 2	07/02/03	3,465.44	46.41	46.74	0.33	3,418.98
MW - 2	07/07/03	3,465.44	46.70	46.72	0.02	3,418.74
MW - 2	07/30/03	3,465.44	46.53	46.58	0.05	3,418.90
MW - 2	08/04/03	3,465.44	46.80	46.93	0.13	3,418.62
MW - 2	08/13/03	3,465.44	46.81	46.97	0.16	3,418.61
MW - 2	08/20/03	3,465.44	46.86	47.02	0.16	3,418.56
MW - 2	08/26/03	3,465.44	46.83	47.07	0.24	3,418.57
MW - 2	09/08/03	3,465.44	-	46.90	0.00	3,418.54
MW - 2	09/15/03	3,465.44	-	46.88	0.00	3,418.56
MW - 2	09/24/03	3,465.44	-	46.92	0.00	3,418.52
MW - 2	09/30/03	3,465.44	-	46.60	0.00	3,418.84
MW - 2	10/07/03	3,465.44	46.73	46.74	0.01	3,418.71
MW - 2	10/14/03	3,465.44	-	46.93	0.00	3,418.51
MW - 2	10/21/03	3,465.44	46.91	46.92	0.01	3,418.53
MW - 2	10/27/03	3,465.44	-	46.93	0.00	3,418.51
MW - 2	11/06/03	3,465.44	-	47.01	0.00	3,418.43
MW - 2	11/10/03	3,465.44	-	47.12	0.00	3,418.32
MW - 2	11/17/03	3,465.44	-	46.78	0.00	3,418.66
MW - 2	11/24/03	3,465.44	-	46.76	0.00	3,418.68

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	12/08/03	3,465.44	-	46.72	0.00	3,418.72
MW - 2	01/02/04	3,465.44	-	46.64	0.00	3,418.80
MW - 2	01/06/04	3,465.44	-	46.65	0.00	3,418.79
MW - 2	01/27/04	3,465.44	-	47.09	0.00	3,418.35
MW - 2	02/02/04	3,465.44	-	47.13	0.00	3,418.31
MW - 2	02/18/04	3,465.44	46.62	46.74	0.12	3,418.80
MW - 2	02/23/04	3,465.44	46.66	46.68	0.02	3,418.78
MW - 2	03/01/04	3,465.44	-	46.67	0.00	3,418.77
MW - 2	03/10/04	3,465.44	-	46.65	0.00	3,418.79
MW - 2	03/15/04	3,465.44	46.62	46.66	0.04	3,418.81
MW - 2	03/23/04	3,465.44	47.07	47.14	0.07	3,418.36
MW - 2	03/30/04	3,465.44	47.09	47.17	0.08	3,418.34
MW - 2	04/07/04	3,465.44	47.09	47.15	0.06	3,418.34
MW - 2	04/12/04	3,465.44	47.06	47.15	0.09	3,418.37
MW - 2	04/15/04	3,465.44	-	46.99	0.00	3,418.45
MW - 2	04/19/04	3,465.44	-	46.46	0.00	3,418.98
MW - 2	05/03/04	3,465.44	-	46.65	0.00	3,418.79
MW - 2	05/11/04	3,465.44	-	46.76	0.00	3,418.68
MW - 2	05/12/04	3,465.44	-	46.35	0.00	3,419.09
MW - 2	06/09/04	3,465.44	46.30	46.37	0.07	3,419.13
MW - 2	06/16/04	3,465.44	46.32	46.36	0.04	3,419.11
MW - 2	06/22/04	3,465.44	46.27	46.56	0.29	3,419.13
MW - 2	07/13/04	3,465.44	46.26	46.56	0.30	3,419.14
MW - 2	07/21/04	3,465.44	45.69	46.05	0.36	3,419.70
MW - 2	08/11/04	3,465.44	45.73	46.00	0.27	3,419.67
MW - 2	08/17/04	3,465.44	45.74	46.18	0.44	3,419.63
MW - 2	08/23/04	3,465.44	45.81	45.85	0.04	3,419.62
MW - 2	09/13/04	3,465.44	45.99	46.00	0.01	3,419.45
MW - 2	09/20/04	3,465.44	45.86	45.93	0.07	3,419.57
MW - 2	09/29/04	3,465.44	46.02	46.07	0.05	3,419.41
MW - 2	10/04/04	3,465.44	45.96	45.98	0.02	3,419.48
MW - 2	10/12/04	3,465.44	44.70	44.77	0.07	3,420.73
MW - 2	10/19/04	3,465.44	sheen	44.84	0.00	3,420.60
MW - 2	10/25/04	3,465.44	sheen	44.92	0.00	3,420.52
MW - 2	11/01/04	3,465.44	sheen	45.20	0.00	3,420.24
MW - 2	11/09/04	3,465.44	sheen	45.17	0.00	3,420.27
MW - 2	11/17/04	3,465.44	sheen	45.30	0.00	3,420.14
MW - 2	11/29/04	3,465.44	sheen	45.26	0.00	3,420.18
MW - 2	12/07/04	3,465.44	sheen	45.25	0.00	3,420.19
MW - 2	12/13/04	3,465.44	sheen	45.30	0.00	3,420.14

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	12/20/04	3,465.44	sheen	45.29	0.00	3,420.15
MW - 2	12/30/04	3,465.44	sheen	45.36	0.00	3,420.08
MW - 2	01/03/05	3,465.44	sheen	45.33	0.00	3,420.11
MW - 2	01/10/05	3,465.44	sheen	45.20	0.00	3,420.24
MW - 2	01/17/05	3,465.44	sheen	45.40	0.00	3,420.04
MW - 2	01/24/05	3,465.44	sheen	45.36	0.00	3,420.08
MW - 2	01/31/05	3,465.44	sheen	45.40	0.00	3,420.04
MW - 2	02/07/05	3,465.44	sheen	45.36	0.00	3,420.08
MW - 2	02/14/05	3,465.44	sheen	45.36	0.00	3,420.08
MW - 2	02/21/05	3,465.44	sheen	45.40	0.00	3,420.04
MW - 2	02/28/05	3,465.44	sheen	45.44	0.00	3,420.00
MW - 2	03/07/05	3,465.44	sheen	45.44	0.00	3,420.00
MW - 2	03/09/05	3,465.44	sheen	45.44	0.00	3,420.00
MW - 2	03/16/05	3,465.44	sheen	45.44	0.00	3,420.00
MW - 2	03/21/05	3,465.44	sheen	45.46	0.00	3,419.98
MW - 2	03/28/05	3,465.44	sheen	45.45	0.00	3,419.99
MW - 2	04/04/05	3,465.44	sheen	45.42	0.00	3,420.02
MW - 2	04/13/05	3,465.44	sheen	45.48	0.00	3,419.96
MW - 2	04/18/05	3,465.44	sheen	45.41	0.00	3,420.03
MW - 2	05/23/05	3,465.44	sheen	45.41	0.00	3,420.03
MW - 2	06/09/05	3,465.44	45.43	45.45	0.02	3,420.01
MW - 2	06/21/05	3,465.44	sheen	45.47	0.00	3,419.97
MW - 2	07/14/05	3,465.44	45.47	45.51	0.04	3,419.96
MW - 2	07/26/05	3,465.44	sheen	45.51	0.00	3,419.93
MW - 2	08/09/05	3,465.44	sheen	45.11	0.00	3,420.33
MW - 2	08/25/05	3,465.44	sheen	45.02	0.00	3,420.42
MW - 2	09/01/05	3,465.44	44.99	45.00	0.01	3,420.45
MW - 2	09/08/05	3,465.44	45.09	45.11	0.02	3,420.35
MW - 2	09/13/05	3,465.44	45.11	45.13	0.02	3,420.33
MW - 2	09/26/05	3,465.44	45.25	45.29	0.04	3,420.18
MW - 2	10/11/05	3,465.44	45.31	45.36	0.05	3,420.12
MW - 2	10/25/05	3,465.44	45.25	45.27	0.02	3,420.19
MW - 2	11/10/05	3,465.44	45.30	45.34	0.04	3,420.13
MW - 2	11/14/05	3,465.44	45.32	45.37	0.05	3,420.11
MW - 2	12/01/05	3,465.44	45.35	45.41	0.06	3,420.08
MW - 2	12/28/05	3,465.44	45.42	45.51	0.09	3,420.01
MW - 2	01/11/06	3,465.44	45.42	45.50	0.08	3,420.01
MW - 2	01/25/06	3,465.44	45.49	45.54	0.05	3,419.94
MW - 2	02/08/06	3,465.44	45.44	45.50	0.06	3,419.99
MW - 2	02/23/06	3,465.44	45.47	45.50	0.03	3,419.97

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	03/07/06	3,465.44	45.43	45.44	0.01	3,420.01
MW - 2	03/08/06	3,465.44	sheen	45.44	0.00	3,420.00
MW - 2	03/20/06	3,465.44	sheen	45.47	0.00	3,419.97
MW - 2	03/30/06	3,465.44	45.44	45.48	0.04	3,419.99
MW - 2	05/03/06	3,465.44	45.47	45.55	0.08	3,419.96
MW - 2	06/01/06	3,465.44	45.50	45.61	0.11	3,419.92
MW - 2	06/06/06	3,465.44	45.57	45.59	0.02	3,419.87
MW - 2	06/14/06	3,465.44	45.50	45.64	0.14	3,419.92
MW - 2	06/29/06	3,465.44	45.54	45.58	0.04	3,419.89
MW - 2	07/13/06	3,465.44	45.53	45.54	0.01	3,419.91
MW - 2	07/27/06	3,465.44	45.55	45.59	0.04	3,419.88
MW - 2	08/10/06	3,465.44	45.56	45.61	0.05	3,419.87
MW - 2	09/15/06	3,465.44	45.43	45.48	0.05	3,420.00
MW - 2	10/03/06	3,465.44	45.48	45.51	0.03	3,419.96
MW - 2	11/20/06	3,465.44	46.52	46.68	0.16	3,418.90
MW - 2	01/11/07	3,465.44	45.55	45.76	0.21	3,419.86
MW - 2	02/15/07	3,465.44	45.54	45.73	0.19	3,419.87
MW - 2	02/23/07	3,465.44	45.48	45.62	0.14	3,419.94
MW - 2	03/08/07	3,465.44	45.54	45.74	0.20	3,419.87
MW - 2	03/28/07	3,465.44	45.54	45.67	0.13	3,419.88
MW - 2	04/25/07	3,465.44	45.54	45.62	0.08	3,419.89
MW - 2	05/04/07	3,465.44	45.52	45.62	0.10	3,419.91
MW - 2	05/18/07	3,465.44	45.46	45.54	0.08	3,419.97
MW - 2	06/14/07	3,465.44	45.44	45.62	0.18	3,419.97
MW - 2	07/12/07	3,465.44	45.45	45.62	0.17	3,419.96
MW - 2	08/21/07	3,465.44	45.49	45.75	0.26	3,419.91
MW - 2	09/14/07	3,465.44	45.55	45.88	0.33	3,419.84
MW - 2	09/26/07	3,465.44	45.56	45.78	0.22	3,419.85
MW - 2	10/03/07	3,465.44	45.57	45.70	0.13	3,419.85
MW - 2	10/10/07	3,465.44	45.55	45.67	0.12	3,419.87
MW - 2	10/17/07	3,465.44	45.55	45.62	0.07	3,419.88
MW - 2	11/05/07	3,465.44	sheen	45.61	0.00	3,419.83
MW - 2	11/07/07	3,465.44	sheen	45.61	0.00	3,419.83
MW - 2	12/18/07	3,465.44	sheen	45.62	0.00	3,419.82
MW - 2	02/08/08	3,465.44	-	45.56	0.00	3,419.88
MW - 2	02/15/08	3,465.44	-	45.53	0.00	3,419.91
MW - 2	02/22/08	3,465.44	-	45.56	0.00	3,419.88
MW - 2	04/04/08	3,465.44	-	45.56	0.00	3,419.88
MW - 2	05/08/08	3,465.44	-	46.51	0.00	3,418.93
MW - 2	05/16/08	3,465.44	-	45.55	0.00	3,419.89

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	06/05/08	3,465.44	-	45.52	0.00	3,419.92
MW - 2	06/27/08	3,465.44	-	45.67	0.00	3,419.77
MW - 2	07/15/08	3,465.44	-	45.68	0.00	3,419.76
MW - 2	08/12/08	3,465.44	-	45.72	0.00	3,419.72
MW - 2	08/13/08	3,465.44	-	45.72	0.00	3,419.72
MW - 2	09/25/08	3,465.44	-	45.72	0.00	3,419.72
MW - 2	09/30/08	3,465.44	45.69	45.70	0.01	3,419.75
MW - 2	10/08/08	3,465.44	-	45.71	0.00	3,419.73
MW - 2	10/24/08	3,465.44	-	45.70	0.00	3,419.74
MW - 2	11/06/08	3,465.44	-	45.72	0.00	3,419.72
MW - 2	11/08/08	3,465.44	-	45.70	0.00	3,419.74
MW - 2	12/17/08	3,465.44	-	45.78	0.00	3,419.66
MW - 2	12/17/08	3,465.44	-	45.71	0.00	3,419.73
MW - 2	01/07/09	3,465.44	-	45.79	0.00	3,419.65
MW - 2	01/22/09	3,465.44	-	45.74	0.00	3,419.70
MW - 2	01/26/09	3,465.44	-	45.72	0.00	3,419.72
MW - 2	02/05/09	3,465.44	-	45.73	0.00	3,419.71
MW - 2	02/13/09	3,465.44	-	45.74	0.00	3,419.70
MW - 2	02/27/09	3,465.44	-	45.76	0.00	3,419.68
MW - 2	03/03/09	3,465.44	-	45.81	0.00	3,419.63
MW - 2	03/10/09	3,465.44	-	45.73	0.00	3,419.71
MW - 2	03/18/09	3,465.44	-	45.67	0.00	3,419.77
MW - 2	03/27/09	3,465.44	-	45.64	0.00	3,419.80
MW - 2	04/02/09	3,465.44	-	45.83	0.00	3,419.61
MW - 2	04/07/09	3,465.44	-	45.64	0.00	3,419.80
MW - 2	04/14/09	3,465.44	-	45.71	0.00	3,419.73
MW - 2	04/28/09	3,465.44	-	45.64	0.00	3,419.80
MW - 2	05/07/09	3,465.44	-	45.64	0.00	3,419.80
MW - 2	05/08/09	3,465.44	-	45.64	0.00	3,419.80
MW - 2	06/02/09	3,465.44	-	45.68	0.00	3,419.76
MW - 2	06/11/09	3,465.44	-	45.64	0.00	3,419.80
MW - 2	06/16/09	3,465.44	-	45.56	0.00	3,419.88
MW - 2	06/26/09	3,465.44	-	45.66	0.00	3,419.78
MW - 2	06/30/09	3,465.44	-	45.57	0.00	3,419.87
MW - 2	07/07/09	3,465.44	-	45.65	0.00	3,419.79
MW - 2	07/15/09	3,465.44	-	45.78	0.00	3,419.66
MW - 2	07/21/09	3,465.44	-	45.75	0.00	3,419.69
MW - 2	07/28/09	3,465.44	-	45.63	0.00	3,419.81
MW - 2	07/31/09	3,465.44	-	45.71	0.00	3,419.73
MW - 2	08/05/09	3,465.44	-	45.69	0.00	3,419.75

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	08/06/09	3,465.44	-	45.64	0.00	3,419.80
MW - 2	08/13/09	3,465.44	-	45.65	0.00	3,419.79
MW - 2	08/19/09	3,465.44	sheen	45.68	0.00	3,419.76
MW - 2	08/25/09	3,465.44	sheen	45.74	0.00	3,419.70
MW - 2	09/01/09	3,465.44	sheen	45.75	0.00	3,419.69
MW - 2	09/08/09	3,465.44	sheen	45.64	0.00	3,419.80
MW - 2	09/15/09	3,465.44	sheen	45.65	0.00	3,419.79
MW - 2	09/25/09	3,465.44	sheen	45.78	0.00	3,419.66
MW - 2	09/28/09	3,465.44	sheen	45.74	0.00	3,419.70
MW - 2	10/02/09	3,465.44	sheen	45.75	0.00	3,419.69
MW - 2	10/05/09	3,465.44	-	45.85	0.00	3,419.59
MW - 2	10/09/09	3,465.44	sheen	45.82	0.00	3,419.62
MW - 2	10/12/09	3,465.44	-	45.74	0.00	3,419.70
MW - 2	10/22/09	3,465.44	sheen	45.84	0.00	3,419.60
MW - 2	10/29/09	3,465.44	sheen	45.80	0.00	3,419.64
MW - 2	11/06/09	3,465.44	sheen	45.80	0.00	3,419.64
MW - 2	11/16/09	3,465.44	sheen	45.99	0.00	3,419.45
MW - 2	11/25/09	3,465.44	sheen	45.81	0.00	3,419.63
MW - 2	12/11/09	3,465.44	sheen	45.82	0.00	3,419.62
MW - 2	12/22/09	3,465.44	sheen	45.66	0.00	3,419.78
MW - 2	01/06/09	3,465.44	sheen	45.82	0.00	3,419.62
MW - 2	01/20/10	3,465.44	sheen	45.77	0.00	3,419.67
MW - 2	02/08/10	3,465.44	45.85	45.87	0.02	3,419.59
MW - 2	03/03/10	3,465.44	45.75	45.97	0.22	3,419.66
MW - 2	03/16/10	3,465.44	45.72	45.99	0.27	3,419.68
MW - 2	03/23/10	3,465.44	45.74	45.97	0.23	3,419.67
MW - 2	04/05/10	3,465.44	45.67	45.93	0.26	3,419.73
MW - 2	04/15/10	3,465.44	45.74	46.12	0.38	3,419.64
MW - 2	05/11/10	3,465.44	45.71	46.15	0.44	3,419.66
MW - 2	05/26/10	3,465.44	45.72	46.08	0.36	3,419.67
MW - 2	06/08/10	3,465.44	45.70	46.19	0.49	3,419.67
MW - 2	06/16/10	3,465.44	45.75	46.00	0.25	3,419.65
MW - 2	06/25/10	3,465.44	45.78	45.90	0.12	3,419.64
MW - 2	07/08/10	3,465.44	45.79	46.15	0.36	3,419.60
MW - 2	07/13/10	3,465.44	45.54	45.90	0.36	3,419.85
MW - 2	07/28/10	3,465.44	45.55	46.06	0.51	3,419.81
MW - 2	08/04/10	3,465.44	45.52	46.06	0.54	3,419.84
MW - 2	08/10/10	3,465.44	45.79	45.89	0.10	3,419.64
MW - 2	08/19/10	3,465.44	45.66	46.14	0.48	3,419.71
MW - 2	08/27/10	3,465.44	45.71	45.99	0.28	3,419.69

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	09/03/10	3,465.44	45.77	45.86	0.09	3,419.66
MW - 2	09/09/10	3,465.44	45.80	45.88	0.08	3,419.63
MW - 2	09/17/10	3,465.44	45.56	46.03	0.47	3,419.81
MW - 2	10/01/10	3,465.44	45.82	45.89	0.07	3,419.61
MW - 2	10/06/10	3,465.44	45.84	45.89	0.05	3,419.59
MW - 2	10/13/10	3,465.44	45.76	46.21	0.45	3,419.61
MW - 2	10/26/10	3,465.44	45.86	45.90	0.04	3,419.57
MW - 2	11/05/10	3,465.44	45.75	46.17	0.42	3,419.63
MW - 2	11/09/10	3,465.44	45.84	45.91	0.07	3,419.59
MW - 2	11/12/10	3,465.44	45.96	46.21	0.25	3,419.44
MW - 2	12/10/10	3,465.44	45.83	46.22	0.39	3,419.55
MW - 2	12/13/10	3,465.44	45.83	45.90	0.07	3,419.60
MW - 2	01/27/11	3,465.44	45.82	45.93	0.11	3,419.60
MW - 2	02/15/11	3,465.44	45.86	45.94	0.08	3,419.57
MW - 2	05/05/11	3,465.44	45.84	45.96	0.12	3,419.58
MW - 2	05/12/11	3,465.44	45.68	47.35	1.67	3,419.51
MW - 2	05/16/11	3,465.44	45.79	47.54	1.75	3,419.39
MW - 2	05/26/11	3,465.44	45.82	47.60	1.78	3,419.35
MW - 2	06/09/11	3,465.44	45.79	46.71	0.92	3,419.51
MW - 2	06/29/11	3,465.44	45.83	46.99	1.16	3,419.44
MW - 2	07/05/11	3,465.44	45.90	46.82	0.92	3,419.40
MW - 2	07/15/11	3,465.44	45.89	46.66	0.77	3,419.43
MW - 2	07/22/11	3,465.44	45.92	46.52	0.60	3,419.43
MW - 2	07/28/11	3,465.44	45.89	46.60	0.71	3,419.44
MW - 2	08/04/11	3,465.44	45.94	46.49	0.55	3,419.42
MW - 2	08/11/11	3,465.44	45.96	46.36	0.40	3,419.42
MW - 2	08/24/11	3,465.44	45.99	46.35	0.36	3,419.40
MW - 2	09/02/11	3,465.44	46.03	46.32	0.29	3,419.37
MW - 2	09/07/11	3,465.44	46.01	46.35	0.34	3,419.38
MW - 2	09/09/11	3,465.44	46.01	46.35	0.34	3,419.38
MW - 2	09/23/11	3,465.44	46.02	46.38	0.36	3,419.37
MW - 2	11/21/11	3,465.44	45.99	46.44	0.45	3,419.38
MW - 2	11/28/11	3,465.44	46.03	46.56	0.53	3,419.33
MW - 2	12/09/11	3,465.44	46.01	46.57	0.56	3,419.35
MW - 2	12/21/11	3,465.44	46.02	46.43	0.41	3,419.36
MW - 2	01/26/12	3,465.44	45.90	46.49	0.59	3,419.45
MW - 2	02/02/12	3,465.44	45.89	46.55	0.66	3,419.45
MW - 2	02/07/12	3,465.44	45.93	46.26	0.33	3,419.46
MW - 2	02/13/12	3,465.44	45.91	46.30	0.39	3,419.47
MW - 2	03/07/12	3,465.44	45.88	46.32	0.44	3,419.49

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	03/23/12	3,465.44	45.92	46.20	0.28	3,419.48
MW - 2	03/30/12	3,465.44	45.88	46.09	0.21	3,419.53
MW - 2	04/05/12	3,465.44	45.88	46.07	0.19	3,419.53
MW - 2	04/13/12	3,465.44	45.90	46.09	0.19	3,419.51
MW - 2	04/26/12	3,465.44	45.87	46.10	0.23	3,419.54
MW - 2	05/03/12	3,465.44	45.86	46.03	0.17	3,419.55
MW - 2	05/07/12	3,465.44	45.87	46.02	0.15	3,419.55
MW - 2	05/29/12	3,465.44	45.86	46.17	0.31	3,419.53
MW - 2	06/08/12	3,465.44	45.85	46.30	0.45	3,419.52
MW - 2	06/15/12	3,465.44	45.87	46.32	0.45	3,419.50
MW - 2	06/22/12	3,465.44	45.85	46.47	0.62	3,419.50
MW - 2	06/29/12	3,465.44	45.89	46.34	0.45	3,419.48
MW - 2	07/03/12	3,465.44	45.87	46.34	0.47	3,419.50
MW - 2	08/10/12	3,465.44	46.01	46.02	0.01	3,419.43
MW - 2	08/16/12	3,465.44	46.02	46.03	0.01	3,419.42
MW - 2	09/12/12	3,465.44	46.03	46.40	0.37	3,419.35
MW - 2	10/12/12	3,465.44	46.03	46.47	0.44	3,419.34
MW - 2	10/17/12	3,465.44	45.99	46.49	0.50	3,419.38
MW - 2	10/24/12	3,465.44	46.03	46.42	0.39	3,419.35
MW - 2	11/06/12	3,465.44	46.02	46.33	0.31	3,419.37
MW - 2	12/14/12	3,465.44	45.98	46.27	0.29	3,419.42
MW - 2	12/21/12	3,465.44	46.04	46.36	0.32	3,419.35
MW - 2	02/06/13	3,465.44	45.92	46.49	0.57	3,419.43
MW - 2	02/20/13	3,465.44	45.91	46.52	0.61	3,419.44
MW - 2	03/29/13	3,465.44	45.92	46.57	0.65	3,419.42
MW - 2	04/03/13	3,465.44	45.92	46.45	0.53	3,419.44
MW - 2	04/09/13	3,465.44	45.92	46.38	0.46	3,419.45
MW - 2	04/19/13	3,465.44	45.98	46.38	0.40	3,419.40
MW - 2	04/24/13	3,465.44	45.99	46.08	0.09	3,419.44
MW - 2	05/02/13	3,465.44	46.02	46.23	0.21	3,419.39
MW - 2	05/08/13	3,465.44	45.97	46.01	0.04	3,419.46
MW - 2	05/10/13	3,465.44	45.97	46.03	0.06	3,419.46
MW - 2	05/17/13	3,465.44	45.96	46.01	0.05	3,419.47
MW - 2	05/22/13	3,465.44	45.97	46.06	0.09	3,419.46
MW - 2	05/30/13	3,465.44	45.95	46.01	0.06	3,419.48
MW - 2	06/05/13	3,465.44	45.94	46.01	0.07	3,419.49
MW - 2	06/12/13	3,465.44	45.98	46.02	0.04	3,419.45
MW - 2	06/18/13	3,465.44	45.98	46.00	0.02	3,419.46
MW - 2	06/25/13	3,465.44	45.98	46.01	0.03	3,419.46
MW - 2	07/02/13	3,465.44	46.04	46.09	0.05	3,419.39

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	07/09/13	3,465.44	46.03	46.06	0.03	3,419.41
MW - 2	07/26/13	3,465.44	46.04	46.27	0.23	3,419.37
MW - 2	07/29/13	3,465.44	46.05	46.11	0.06	3,419.38
MW - 2	08/01/13	3,465.44	46.02	46.12	0.10	3,419.41
MW - 2	08/06/13	3,465.44	46.05	46.10	0.05	3,419.38
MW - 2	08/15/13	3,465.44	46.07	46.27	0.20	3,419.34
MW - 2	08/20/13	3,465.44	46.07	46.28	0.21	3,419.34
MW - 2	09/12/13	3,465.44	46.10	46.34	0.24	3,419.30
MW - 2	09/19/13	3,465.44	46.12	46.30	0.18	3,419.29
MW - 2	09/25/13	3,465.44	46.09	46.25	0.16	3,419.33
MW - 2	10/01/13	3,465.44	46.12	46.31	0.19	3,419.29
MW - 2	10/09/13	3,465.44	46.12	46.27	0.15	3,419.30
MW - 2	10/24/13	3,465.44	45.97	46.08	0.11	3,419.45
MW - 2	10/29/13	3,465.44	45.99	46.01	0.02	3,419.45
MW - 2	11/04/13	3,465.44	46.00	46.02	0.02	3,419.44
MW - 2	11/05/13	3,465.44	46.02	46.03	0.01	3,419.42
MW - 2	12/02/13	3,465.44	46.01	46.31	0.30	3,419.39
MW - 2	12/10/13	3,465.44	46.02	46.28	0.26	3,419.38
MW - 2	12/17/13	3,465.44	46.04	46.33	0.29	3,419.36
MW - 2	12/23/13	3,465.44	46.04	46.25	0.21	3,419.37
MW - 2	01/01/14	3,465.44	46.01	46.11	0.10	3,419.42
MW - 2	01/07/14	3,465.44	46.00	46.20	0.20	3,419.41
MW - 2	01/16/14	3,465.44	46.02	46.28	0.26	3,419.38
MW - 2	01/23/14	3,465.44	46.02	46.31	0.29	3,419.38
MW - 2	01/28/14	3,465.44	46.03	46.36	0.33	3,419.36
MW - 2	02/11/14	3,465.44	46.03	46.33	0.30	3,419.37
MW - 2	02/26/14	3,465.44	45.99	46.33	0.34	3,419.40
MW - 2	03/21/14	3,465.44	45.98	46.33	0.35	3,419.41
MW - 2	03/29/14	3,465.44	45.96	46.26	0.30	3,419.44
MW - 2	04/10/14	3,465.44	45.97	46.23	0.26	3,419.43
MW - 2	04/17/14	3,465.44	46.01	46.32	0.31	3,419.38
MW - 2	04/17/14	3,465.44	46.03	46.06	0.03	3,419.41
MW - 2	04/24/14	3,465.44	45.98	46.20	0.22	3,419.43
MW - 2	05/01/14	3,465.44	46.06	46.09	0.03	3,419.38
MW - 2	05/06/14	3,465.44	45.99	46.09	0.10	3,419.44
MW - 2	05/12/14	3,465.44	46.04	46.15	0.11	3,419.38
MW - 2	05/23/14	3,465.44	46.01	46.30	0.29	3,419.39
MW - 2	05/27/14	3,465.44	46.01	46.19	0.18	3,419.40
MW - 2	06/05/14	3,465.44	46.02	46.25	0.23	3,419.39
MW - 2	06/26/14	3,465.44	46.09	46.30	0.21	3,419.32

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	07/01/14	3,465.44	46.18	46.25	0.07	3,419.25
MW - 2	07/08/14	3,465.44	46.13	46.36	0.23	3,419.28
MW - 2	07/17/14	3,465.44	46.15	46.33	0.18	3,419.26
MW - 2	07/23/14	3,465.44	46.20	46.28	0.08	3,419.23
MW - 2	08/06/14	3,465.44	46.18	46.31	0.13	3,419.24
MW - 2	08/11/14	3,465.44	46.23	46.30	0.07	3,419.20
MW - 2	08/21/14	3,465.44	46.22	46.36	0.14	3,419.20
MW - 2	09/04/14	3,465.44	46.20	46.44	0.24	3,419.20
MW - 2	10/02/14	3,465.44	45.24	46.10	0.86	3,420.07
MW - 2	10/08/14	3,465.44	45.40	45.81	0.41	3,419.98
MW - 2	10/15/14	3,465.44	45.54	45.85	0.31	3,419.85
MW - 2	10/16/14	3,465.44	45.57	45.74	0.17	3,419.84
MW - 2	10/23/14	3,465.44	45.62	45.79	0.17	3,419.79
MW - 2	10/24/14	3,465.44	45.62	45.79	0.17	3,419.79
MW - 2	10/28/14	3,465.44	45.67	45.78	0.11	3,419.75
MW - 2	11/07/14	3,465.44	45.68	45.81	0.13	3,419.74
MW - 2	11/15/14	3,465.44	45.65	45.77	0.12	3,419.77
MW - 2	12/11/14	3,465.44	45.61	45.76	0.15	3,419.81
MW - 2	12/18/14	3,465.44	45.69	45.86	0.17	3,419.72
MW - 2	01/07/15	3,465.44	45.75	45.81	0.06	3,419.68
MW - 2	01/15/15	3,465.44	45.72	45.77	0.05	3,419.71
MW - 2	01/28/15	3,465.44	45.71	45.77	0.06	3,419.72
MW - 2	02/04/15	3,465.44	45.71	45.79	0.08	3,419.72
MW - 2	02/13/15	3,465.44	45.71	45.81	0.10	3,419.72
MW - 2	02/17/15	3,465.44	45.72	45.82	0.10	3,419.71
MW - 2	02/18/15	3,465.44	45.71	45.72	0.01	3,419.73
MW - 2	02/24/15	3,465.44	45.70	45.73	0.03	3,419.74
MW - 2	03/10/15	3,465.44	45.72	45.81	0.09	3,419.71
MW - 2	03/17/15	3,465.44	45.73	45.74	0.01	3,419.71
MW - 2	03/19/15	3,465.44	45.73	45.75	0.02	3,419.71
MW - 2	03/25/15	3,465.44	45.72	45.73	0.01	3,419.72
MW - 2	04/07/15	3,465.44	45.72	45.74	0.02	3,419.72
MW - 2	04/14/15	3,465.44	45.74	45.77	0.03	3,419.70
MW - 2	04/16/15	3,465.44	45.70	45.75	0.05	3,419.73
MW - 2	04/21/15	3,465.44	45.74	45.76	0.02	3,419.70
MW - 2	05/06/15	3,465.44	45.72	45.74	0.02	3,419.72
MW - 2	05/20/15	3,465.44	45.73	45.76	0.03	3,419.71
MW - 2	05/28/15	3,465.44	45.70	45.71	0.01	3,419.74
MW - 2	06/02/15	3,465.44	-	45.77	0.00	3,419.67
MW - 2	06/09/15	3,465.44	45.75	45.76	0.01	3,419.69

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	06/18/15	3,465.44	-	45.76	0.00	3,419.68
MW - 2	07/03/15	3,465.44	-	45.88	0.00	3,419.56
MW - 2	07/06/15	3,465.44	45.83	45.84	0.01	3,419.61
MW - 2	07/17/15	3,465.44	-	45.90	0.00	3,419.54
MW - 2	07/21/15	3,465.44	-	45.89	0.00	3,419.55
MW - 2	07/28/15	3,465.44	45.91	45.93	0.02	3,419.53
MW - 2	08/05/15	3,465.44	45.94	46.03	0.09	3,419.49
MW - 2	08/11/15	3,465.44	45.97	46.10	0.13	3,419.45
MW - 2	08/12/15	3,465.44	45.83	45.84	0.01	3,419.61
MW - 2	08/20/15	3,465.44	45.95	46.16	0.21	3,419.46
MW - 2	08/21/15	3,465.44	45.95	46.16	0.21	3,419.46
MW - 2	08/27/15	3,465.44	46.00	46.04	0.04	3,419.43
MW - 2	09/01/15	3,465.44	-	46.06	0.00	3,419.38
MW - 2	09/09/15	3,465.44	-	46.10	0.00	3,419.34
MW - 2	09/11/15	3,465.44	-	46.11	0.00	3,419.33
MW - 2	09/17/15	3,465.44	-	46.07	0.00	3,419.37
MW - 2	09/30/15	3,465.44	-	46.20	0.00	3,419.24
MW - 2	10/07/15	3,465.44	-	46.08	0.00	3,419.36
MW - 2	10/13/15	3,465.44	-	46.03	0.00	3,419.41
MW - 2	10/15/15	3,465.44	-	46.03	0.00	3,419.41
MW - 2	10/26/15	3,465.44	-	45.96	0.00	3,419.48
MW - 2	11/05/15	3,465.44	-	46.00	0.00	3,419.44
MW - 2	11/09/15	3,465.44	-	45.94	0.00	3,419.50
MW - 2	11/30/15	3,465.44	-	45.95	0.00	3,419.49
MW - 2	12/01/15	3,465.44	-	45.93	0.00	3,419.51
MW - 2	12/09/15	3,465.44	-	45.99	0.00	3,419.45
MW - 2	12/11/15	3,465.44	-	45.88	0.00	3,419.56
MW - 2	12/15/15	3,465.44	-	45.86	0.00	3,419.58
MW - 2	12/24/15	3,465.44	-	45.91	0.00	3,419.53
MW - 2	01/06/16	3,465.44	-	45.93	0.00	3,419.51
MW - 2	01/15/16	3,465.44	-	45.96	0.00	3,419.48
MW - 2	01/19/16	3,465.44	-	45.98	0.00	3,419.46
MW - 2	01/28/16	3,465.44	-	45.98	0.00	3,419.46
MW - 2	02/03/16	3,465.44	-	45.91	0.00	3,419.53
MW - 2	02/11/16	3,465.44	-	45.95	0.00	3,419.49
MW - 2	02/19/16	3,465.44	-	45.98	0.00	3,419.46
MW - 2	02/23/16	3,465.44	-	45.92	0.00	3,419.52
MW - 2	02/25/16	3,465.44	-	45.91	0.00	3,419.53
MW - 2	03/01/16	3,465.44	-	45.91	0.00	3,419.53
MW - 2	03/08/16	3,465.44	-	45.88	0.00	3,419.56

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	03/16/16	3,465.44	-	45.89	0.00	3,419.55
MW - 2	03/17/16	3,465.44	-	45.88	0.00	3,419.56
MW - 2	03/24/16	3,465.44	-	45.89	0.00	3,419.55
MW - 2	03/29/16	3,465.44	-	45.91	0.00	3,419.53
MW - 2	04/05/16	3,465.44	-	45.90	0.00	3,419.54
MW - 2	04/13/16	3,465.44	-	45.87	0.00	3,419.57
MW - 2	04/18/16	3,465.44	-	45.92	0.00	3,419.52
MW - 2	04/25/16	3,465.44	45.85	45.86	0.01	3,419.59
MW - 2	05/03/16	3,465.44	45.84	45.85	0.01	3,419.60
MW - 2	05/12/16	3,465.44	45.85	45.86	0.01	3,419.59
MW - 2	05/27/16	3,465.44	45.89	45.90	0.01	3,419.55
MW - 2	06/02/16	3,465.44	45.91	45.92	0.01	3,419.53
MW - 2	06/06/16	3,465.44	-	45.96	0.00	3,419.48
MW - 2	06/30/16	3,465.44	-	46.10	0.00	3,419.34
MW - 2	07/05/16	3,465.44	-	46.06	0.00	3,419.38
MW - 2	07/14/16	3,465.44	-	46.03	0.00	3,419.41
MW - 2	07/19/16	3,465.44	-	46.05	0.00	3,419.39
MW - 2	07/26/16	3,465.44	-	46.10	0.00	3,419.34
MW - 2	08/03/16	3,465.44	-	46.10	0.00	3,419.34
MW - 2	08/10/16	3,465.44	-	46.13	0.00	3,419.31
MW - 2	08/15/16	3,465.44	-	46.11	0.00	3,419.33
MW - 2	08/23/16	3,465.44	-	46.04	0.00	3,419.40
MW - 2	09/12/16	3,465.44	45.78	45.79	0.01	3,419.66
MW - 2	10/07/16	3,465.44	45.56	45.85	0.29	3,419.84
MW - 2	10/12/16	3,465.44	45.73	45.74	0.01	3,419.71
MW - 2	10/19/16	3,465.44	-	45.76	0.00	3,419.68
MW - 2	10/28/16	3,465.44	-	45.76	0.00	3,419.68
MW - 2	11/03/16	3,465.44	-	45.75	0.00	3,419.69
MW - 2	11/11/16	3,465.44	-	45.74	0.00	3,419.70
MW - 2	11/15/16	3,465.44	-	45.68	0.00	3,419.76
MW - 2	12/02/16	3,465.44	-	45.73	0.00	3,419.71
MW - 2	12/06/16	3,465.44	-	45.77	0.00	3,419.67
MW - 2	12/13/16	3,465.44	-	45.79	0.00	3,419.65
MW - 2	12/21/16	3,465.44	-	45.80	0.00	3,419.64
MW - 2	12/28/16	3,465.44	-	45.79	0.00	3,419.65
MW - 2	01/03/17	3,465.44	-	45.79	0.00	3,419.65
MW - 2	01/09/17	3,465.44	-	45.90	0.00	3,419.54
MW - 2	01/17/17	3,465.44	-	45.86	0.00	3,419.58
MW - 2	01/25/17	3,465.44	-	45.87	0.00	3,419.57
MW - 2	02/01/17	3,465.44	-	45.83	0.00	3,419.61

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	02/07/17	3,465.44	-	45.85	0.00	3,419.59
MW - 2	02/16/17	3,465.44	-	45.80	0.00	3,419.64
MW - 2	02/23/17	3,465.44	-	45.81	0.00	3,419.63
MW - 2	03/03/17	3,465.44	-	45.81	0.00	3,419.63
MW - 2	03/07/17	3,465.44	-	45.85	0.00	3,419.59
MW - 2	03/14/17	3,465.44	-	45.79	0.00	3,419.65
MW - 2	03/24/17	3,465.44	-	45.79	0.00	3,419.65
MW - 2	03/30/17	3,465.44	-	45.81	0.00	3,419.63
MW - 2	04/04/17	3,465.44	-	45.80	0.00	3,419.64
MW - 2	04/11/17	3,465.44	-	45.79	0.00	3,419.65
MW - 2	04/21/17	3,465.44	-	45.76	0.00	3,419.68
MW - 2	04/27/17	3,465.44	-	45.75	0.00	3,419.69
MW - 2	05/04/17	3,465.44	-	45.77	0.00	3,419.67
MW - 2	05/09/17	3,465.44	-	45.89	0.00	3,419.55
MW - 2	05/18/17	3,465.44	-	45.78	0.00	3,419.66
MW - 2	05/25/17	3,465.44	-	45.88	0.00	3,419.56
MW - 2	06/02/17	3,465.44	-	45.79	0.00	3,419.65
MW - 2	06/07/17	3,465.44	-	45.81	0.00	3,419.63
MW - 2	06/13/17	3,465.44	-	45.81	0.00	3,419.63
MW - 2	06/20/17	3,465.44	-	45.92	0.00	3,419.52
MW - 2	07/06/17	3,465.44	-	45.87	0.00	3,419.57
MW - 2	07/13/17	3,465.44	-	45.89	0.00	3,419.55
MW - 2	07/18/17	3,465.44	-	45.93	0.00	3,419.51
MW - 2	08/10/17	3,465.44	-	45.96	0.00	3,419.48
MW - 2	08/15/17	3,465.44	-	46.02	0.00	3,419.42
MW - 2	08/23/17	3,465.44	-	45.99	0.00	3,419.45
MW - 2	09/01/17	3,465.44	-	45.99	0.00	3,419.45
MW - 2	09/07/17	3,465.44	-	46.04	0.00	3,419.40
MW - 2	09/14/17	3,465.44	-	46.10	0.00	3,419.34
MW - 2	09/21/17	3,465.44	-	46.15	0.00	3,419.29
MW - 2	10/09/17	3,465.44	-	45.99	0.00	3,419.45
MW - 2	10/20/17	3,465.44	-	46.05	0.00	3,419.39
MW - 2	10/26/17	3,465.44	-	46.16	0.00	3,419.28
MW - 2	10/31/17	3,465.44	-	45.52	0.00	3,419.92
MW - 2	11/17/17	3,465.44	-	46.02	0.00	3,419.42
MW - 2	11/29/17	3,465.44	-	46.09	0.00	3,419.35
MW - 2	12/08/17	3,465.44	-	46.11	0.00	3,419.33
MW - 2	12/15/17	3,465.44	-	46.22	0.00	3,419.22
MW - 2	12/21/17	3,465.44	-	46.10	0.00	3,419.34
MW - 2	12/26/17	3,465.44	-	46.05	0.00	3,419.39

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	01/04/18	3,465.44	-	46.07	0.00	3,419.37
MW - 2	01/15/18	3,465.44	-	46.06	0.00	3,419.38
MW - 2	01/26/18	3,465.44	-	46.14	0.00	3,419.30
MW - 2	02/02/18	3,465.44	-	46.99	0.00	3,418.45
MW - 2	02/09/18	3,465.44	-	46.14	0.00	3,419.30
MW - 2	02/16/18	3,465.44	-	46.09	0.00	3,419.35
MW - 2	02/23/18	3,465.44	-	46.10	0.00	3,419.34
MW - 2	02/28/18	3,465.44	-	46.11	0.00	3,419.33
MW - 2	03/02/18	3,465.44	-	46.09	0.00	3,419.35
MW - 2	03/05/18	3,465.44	-	46.09	0.00	3,419.35
MW - 2	03/16/18	3,465.44	-	46.15	0.00	3,419.29
MW - 2	03/28/18	3,465.44	-	46.11	0.00	3,419.33
MW - 2	04/06/18	3,465.44	-	46.17	0.00	3,419.27
MW - 2	04/18/18	3,465.44	-	46.21	0.00	3,419.23
MW - 2	04/25/18	3,465.44	-	46.19	0.00	3,419.25
MW - 2	05/04/18	3,465.44	-	46.17	0.00	3,419.27
MW - 2	05/10/18	3,465.44	-	46.15	0.00	3,419.29
MW - 2	05/18/18	3,465.44	-	46.14	0.00	3,419.30
MW - 2	05/24/18	3,465.44	46.13	46.15	0.02	3,419.31
MW - 2	06/01/18	3,465.44	-	46.23	0.00	3,419.21
MW - 2	06/14/18	3,465.44	-	46.18	0.00	3,419.26
MW - 2	06/22/18	3,465.44	-	46.18	0.00	3,419.26
MW - 2	06/28/18	3,465.44	-	46.29	0.00	3,419.15
MW - 2	07/03/18	3,465.44	-	46.32	0.00	3,419.12
MW - 2	07/12/18	3,465.44	-	46.29	0.00	3,419.15
MW - 2	08/21/18	3,465.44	-	46.35	0.00	3,419.09
MW - 2	09/13/18	3,465.44	-	46.36	0.00	3,419.08
MW - 2	10/10/18	3,465.44	-	46.35	0.00	3,419.09
MW - 2	11/19/18	3,465.44	-	46.37	0.00	3,419.07
MW - 2	12/05/18	3,465.44	-	46.38	0.00	3,419.06
MW - 2	12/17/18	3,465.44	-	46.38	0.00	3,419.06
MW - 2	12/31/18	3,465.44	-	46.37	0.00	3,419.07
MW - 2	01/18/19	3,465.44	-	46.40	0.00	3,419.04
MW - 2	02/25/19	3,465.44	-	46.34	0.00	3,419.10
MW - 2	03/08/19	3,465.44	-	46.38	0.00	3,419.06
MW - 2	04/03/19	3,465.44	-	46.32	0.00	3,419.12
MW - 2	04/15/19	3,465.44	-	46.33	0.00	3,419.11
MW - 2	05/01/19	3,465.44	-	46.36	0.00	3,419.08
MW - 2	05/15/19	3,465.44	-	46.24	0.00	3,419.20
MW - 2	05/21/19	3,465.44	-	46.22	0.00	3,419.22

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	06/21/19	3,465.44	-	46.19	0.00	3,419.25
MW - 2	07/02/19	3,465.44	-	46.27	0.00	3,419.17
MW - 2	07/30/19	3,465.44	-	46.36	0.00	3,419.08
MW - 2	08/09/19	3,465.44	-	46.39	0.00	3,419.05
MW - 2	08/21/19	3,465.44	-	46.43	0.00	3,419.01
MW - 2	10/25/19	3,465.44	-	46.10	0.00	3,419.34
MW - 2	12/10/19	3,465.44	-	46.16	0.00	3,419.28
MW - 2	01/10/20	3,465.44	-	46.21	0.00	3,419.23
MW - 2	01/21/20	3,465.44	-	46.16	0.00	3,419.28
MW - 2	02/25/20	3,465.44	-	46.17	0.00	3,419.27
MW - 2	06/03/20	3,465.44	46.13	46.15	0.02	3,419.31
MW - 2	09/21/20	3,465.44	46.45	46.53	0.08	3,418.98
MW - 2	10/12/20	3,465.44	46.47	46.52	0.05	3,418.96
MW - 2	11/13/20	3,465.44	46.43	46.48	0.05	3,419.00
MW - 3	03/08/00	3,464.68	-	45.59	0.00	3,419.09
MW - 3	05/12/00	3,464.88	-	45.71	0.00	3,419.17
MW - 3	09/11/00	3,464.68	-	45.64	0.00	3,419.04
MW - 3	12/11/00	3,464.68	-	45.72	0.00	3,418.96
MW - 3	03/19/01	3,464.68	-	45.59	0.00	3,419.09
MW - 3	05/30/01	3,464.68	-	45.64	0.00	3,419.04
MW - 3	09/25/01	3,464.68	-	45.85	0.00	3,418.83
MW - 3	11/20/01	3,464.68	-	45.86	0.00	3,418.82
MW - 3	02/20/02	3,464.68	-	45.79	0.00	3,418.89
MW - 3	06/25/02	3,464.68	-	45.84	0.00	3,418.84
MW - 3	09/17/02	3,464.68	-	45.86	0.00	3,418.82
MW - 3	11/20/02	3,464.68	-	45.84	0.00	3,418.84
MW - 3	01/21/03	3,464.68	-	45.76	0.00	3,418.92
MW - 3	02/10/03	3,464.68	-	45.68	0.00	3,419.00
MW - 3	05/15/03	3,464.68	-	45.80	0.00	3,418.88
MW - 3	08/26/03	3,464.68	-	45.98	0.00	3,418.70
MW - 3	11/24/03	3,464.68	-	46.06	0.00	3,418.62
MW - 3	02/18/04	3,464.68	-	46.00	0.00	3,418.68
MW - 3	05/12/04	3,464.68	-	45.64	0.00	3,419.04
MW - 3	08/23/04	3,464.68	-	45.10	0.00	3,419.58
MW - 3	12/07/04	3,464.68	-	44.58	0.00	3,420.10
MW - 3	03/09/05	3,464.68	-	44.70	0.00	3,419.98
MW - 3	06/09/05	3,464.68	-	44.77	0.00	3,419.91
MW - 3	08/09/05	3,464.68	sheen	43.79	0.00	3,420.89
MW - 3	09/01/05	3,464.68	-	44.32	0.00	3,420.36

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	09/08/05	3,464.68	-	44.57	0.00	3,420.11
MW - 3	12/01/05	3,464.68	-	44.80	0.00	3,419.88
MW - 3	03/07/06	3,464.68	-	44.85	0.00	3,419.83
MW - 3	06/06/06	3,464.68	sheen	44.93	0.00	3,419.75
MW - 3	07/13/06	3,464.68	sheen	44.94	0.00	3,419.74
MW - 3	07/27/06	3,464.68	47.61	47.63	0.02	3,417.07
MW - 3	08/10/06	3,464.68	45.53	45.74	0.21	3,419.12
MW - 3	09/15/06	3,464.68	-	42.71	0.00	3,421.97
MW - 3	10/03/06	3,464.68	sheen	42.74	0.00	3,421.94
MW - 3	11/20/06	3,464.68	-	44.92	0.00	3,419.76
MW - 3	01/11/07	3,464.68	sheen	44.98	0.00	3,419.70
MW - 3	02/15/07	3,464.68	-	44.70	0.00	3,419.98
MW - 3	02/23/07	3,464.68	-	44.94	0.00	3,419.74
MW - 3	03/28/07	3,464.68	sheen	44.98	0.00	3,419.70
MW - 3	05/18/07	3,464.68	-	44.61	0.00	3,420.07
MW - 3	07/12/07	3,464.68	-	44.87	0.00	3,419.81
MW - 3	08/21/07	3,464.68	-	44.94	0.00	3,419.74
MW - 3	10/03/07	3,464.68	sheen	45.02	0.00	3,419.66
MW - 3	11/05/07	3,464.68	-	44.96	0.00	3,419.72
MW - 3	02/08/08	3,464.68	-	44.96	0.00	3,419.72
MW - 3	02/15/08	3,464.68	-	44.95	0.00	3,419.73
MW - 3	02/22/08	3,464.68	-	44.95	0.00	3,419.73
MW - 3	04/04/08	3,464.68	-	44.94	0.00	3,419.74
MW - 3	05/08/08	3,464.68	-	44.90	0.00	3,419.78
MW - 3	05/16/08	3,464.68	-	44.94	0.00	3,419.74
MW - 3	06/27/08	3,464.68	-	45.01	0.00	3,419.67
MW - 3	08/13/08	3,464.68	-	45.09	0.00	3,419.59
MW - 3	09/30/08	3,464.68	-	45.02	0.00	3,419.66
MW - 3	10/08/08	3,464.68	-	45.10	0.00	3,419.58
MW - 3	10/24/08	3,464.68	-	44.90	0.00	3,419.78
MW - 3	11/06/08	3,464.68	-	45.06	0.00	3,419.62
MW - 3	12/17/08	3,464.68	-	45.16	0.00	3,419.52
MW - 3	12/30/08	3,464.68	-	45.18	0.00	3,419.50
MW - 3	01/07/09	3,464.68	-	45.16	0.00	3,419.52
MW - 3	01/22/09	3,464.68	-	45.13	0.00	3,419.55
MW - 3	01/26/09	3,464.68	-	45.12	0.00	3,419.56
MW - 3	02/05/09	3,464.68	-	45.12	0.00	3,419.56
MW - 3	02/13/09	3,464.68	-	45.09	0.00	3,419.59
MW - 3	02/27/09	3,464.68	-	45.10	0.00	3,419.58
MW - 3	03/03/09	3,464.68	-	45.18	0.00	3,419.50

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	03/10/09	3,464.68	-	45.09	0.00	3,419.59
MW - 3	03/18/09	3,464.68	-	45.09	0.00	3,419.59
MW - 3	03/27/09	3,464.68	-	45.05	0.00	3,419.63
MW - 3	04/02/09	3,464.68	-	45.21	0.00	3,419.47
MW - 3	04/07/09	3,464.68	-	45.05	0.00	3,419.63
MW - 3	04/14/09	3,464.68	-	45.03	0.00	3,419.65
MW - 3	04/28/09	3,464.68	-	45.05	0.00	3,419.63
MW - 3	05/07/09	3,464.68	-	45.02	0.00	3,419.66
MW - 3	05/08/09	3,464.68	-	45.02	0.00	3,419.66
MW - 3	06/11/09	3,464.68	-	44.72	0.00	3,419.96
MW - 3	06/16/09	3,464.68	-	44.64	0.00	3,420.04
MW - 3	06/26/09	3,464.68	-	44.95	0.00	3,419.73
MW - 3	06/30/09	3,464.68	-	44.65	0.00	3,420.03
MW - 3	07/07/09	3,464.68	-	45.03	0.00	3,419.65
MW - 3	07/15/09	3,464.68	-	45.08	0.00	3,419.60
MW - 3	07/28/09	3,464.68	-	45.00	0.00	3,419.68
MW - 3	08/13/09	3,464.68	-	44.86	0.00	3,419.82
MW - 3	08/19/09	3,464.68	-	44.94	0.00	3,419.74
MW - 3	08/25/09	3,464.68	-	45.07	0.00	3,419.61
MW - 3	09/01/09	3,464.68	-	45.14	0.00	3,419.54
MW - 3	09/08/09	3,464.68	-	45.02	0.00	3,419.66
MW - 3	09/15/09	3,464.68	-	45.02	0.00	3,419.66
MW - 3	09/25/09	3,464.68	sheen	45.18	0.00	3,419.50
MW - 3	09/28/09	3,464.68	-	45.25	0.00	3,419.43
MW - 3	10/02/09	3,464.68	sheen	45.18	0.00	3,419.50
MW - 3	10/05/09	3,464.68	-	45.26	0.00	3,419.42
MW - 3	10/09/09	3,464.68	sheen	45.38	0.00	3,419.30
MW - 3	10/12/09	3,464.68	-	45.27	0.00	3,419.41
MW - 3	10/22/09	3,464.68	sheen	45.20	0.00	3,419.48
MW - 3	10/29/09	3,464.68	sheen	45.18	0.00	3,419.50
MW - 3	11/06/09	3,464.68	-	45.23	0.00	3,419.45
MW - 3	11/16/09	3,464.68	-	45.29	0.00	3,419.39
MW - 3	12/22/09	3,464.68	-	45.04	0.00	3,419.64
MW - 3	01/06/10	3,464.68	-	45.21	0.00	3,419.47
MW - 3	02/08/10	3,464.68	-	45.23	0.00	3,419.45
MW - 3	03/03/10	3,464.68	-	45.18	0.00	3,419.50
MW - 3	05/11/10	3,464.68	-	45.26	0.00	3,419.42
MW - 3	08/10/10	3,464.68	-	45.26	0.00	3,419.42
MW - 3	11/09/10	3,464.68	-	45.31	0.00	3,419.37
MW - 3	02/15/11	3,464.68	-	45.31	0.00	3,419.37

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	05/05/11	3,464.68	-	45.29	0.00	3,419.39
MW - 3	08/04/11	3,464.68	-	45.31	0.00	3,419.37
MW - 3	11/21/11	3,464.68	-	45.43	0.00	3,419.25
MW - 3	11/28/11	3,464.68	-	45.47	0.00	3,419.21
MW - 3	12/09/11	3,464.68	-	45.45	0.00	3,419.23
MW - 3	12/21/11	3,464.68	-	45.42	0.00	3,419.26
MW - 3	01/26/12	3,464.68	-	45.37	0.00	3,419.31
MW - 3	02/02/12	3,464.68	-	45.35	0.00	3,419.33
MW - 3	02/07/12	3,464.68	-	45.37	0.00	3,419.31
MW - 3	02/13/12	3,464.68	-	45.35	0.00	3,419.33
MW - 3	03/07/12	3,464.68	-	45.31	0.00	3,419.37
MW - 3	03/23/12	3,464.68	-	45.31	0.00	3,419.37
MW - 3	03/30/12	3,464.68	-	45.31	0.00	3,419.37
MW - 3	04/05/12	3,464.68	-	45.30	0.00	3,419.38
MW - 3	04/13/12	3,464.68	-	45.29	0.00	3,419.39
MW - 3	04/26/12	3,464.68	-	45.28	0.00	3,419.40
MW - 3	05/03/12	3,464.68	-	45.27	0.00	3,419.41
MW - 3	05/07/12	3,464.68	-	45.28	0.00	3,419.40
MW - 3	05/29/12	3,464.68	-	45.28	0.00	3,419.40
MW - 3	06/08/12	3,464.68	-	45.28	0.00	3,419.40
MW - 3	06/15/12	3,464.68	-	45.30	0.00	3,419.38
MW - 3	06/22/12	3,464.68	-	45.25	0.00	3,419.43
MW - 3	06/29/12	3,464.68	-	45.32	0.00	3,419.36
MW - 3	07/03/12	3,464.68	-	45.23	0.00	3,419.45
MW - 3	08/10/12	3,464.68	-	45.36	0.00	3,419.32
MW - 3	08/17/12	3,464.68	-	45.48	0.00	3,419.20
MW - 3	09/12/12	3,464.68	-	45.44	0.00	3,419.24
MW - 3	10/12/12	3,464.68	-	45.47	0.00	3,419.21
MW - 3	10/17/12	3,464.68	-	45.43	0.00	3,419.25
MW - 3	10/24/12	3,464.68	-	45.46	0.00	3,419.22
MW - 3	11/06/12	3,464.68	-	45.43	0.00	3,419.25
MW - 3	12/14/12	3,464.68	-	45.41	0.00	3,419.27
MW - 3	12/21/12	3,464.68	-	45.44	0.00	3,419.24
MW - 3	02/06/13	3,464.68	-	45.36	0.00	3,419.32
MW - 3	02/20/13	3,464.68	-	45.36	0.00	3,419.32
MW - 3	03/29/13	3,464.68	-	45.37	0.00	3,419.31
MW - 3	04/03/13	3,464.68	-	45.39	0.00	3,419.29
MW - 3	04/09/13	3,464.68	-	45.36	0.00	3,419.32
MW - 3	04/19/13	3,464.68	-	45.41	0.00	3,419.27
MW - 3	04/24/13	3,464.68	-	45.39	0.00	3,419.29

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	05/02/13	3,464.68	-	45.41	0.00	3,419.27
MW - 3	05/08/13	3,464.68	-	45.35	0.00	3,419.33
MW - 3	05/10/13	3,464.68	-	45.41	0.00	3,419.27
MW - 3	05/17/13	3,464.68	-	45.36	0.00	3,419.32
MW - 3	05/22/13	3,464.68	-	45.36	0.00	3,419.32
MW - 3	05/30/13	3,464.68	-	45.36	0.00	3,419.32
MW - 3	06/05/13	3,464.68	-	45.37	0.00	3,419.31
MW - 3	06/12/13	3,464.68	-	45.37	0.00	3,419.31
MW - 3	06/18/13	3,464.68	-	45.39	0.00	3,419.29
MW - 3	06/25/13	3,464.68	-	45.38	0.00	3,419.30
MW - 3	07/02/13	3,464.68	-	45.42	0.00	3,419.26
MW - 3	07/09/13	3,464.68	-	45.42	0.00	3,419.26
MW - 3	07/26/13	3,464.68	-	45.42	0.00	3,419.26
MW - 3	07/29/13	3,464.68	-	45.43	0.00	3,419.25
MW - 3	08/01/13	3,464.68	-	45.40	0.00	3,419.28
MW - 3	08/06/13	3,464.68	-	45.44	0.00	3,419.24
MW - 3	08/15/13	3,464.68	-	45.42	0.00	3,419.26
MW - 3	08/20/13	3,464.68	-	45.46	0.00	3,419.22
MW - 3	09/12/13	3,464.68	-	45.53	0.00	3,419.15
MW - 3	09/19/13	3,464.68	-	45.56	0.00	3,419.12
MW - 3	09/25/13	3,464.68	-	45.50	0.00	3,419.18
MW - 3	10/01/13	3,464.68	-	45.56	0.00	3,419.12
MW - 3	10/09/13	3,464.68	-	45.53	0.00	3,419.15
MW - 3	10/24/13	3,464.68	-	45.13	0.00	3,419.55
MW - 3	10/29/13	3,464.68	-	45.28	0.00	3,419.40
MW - 3	11/04/13	3,464.68	-	45.43	0.00	3,419.25
MW - 3	11/05/13	3,464.68	-	45.34	0.00	3,419.34
MW - 3	12/02/13	3,464.68	-	45.50	0.00	3,419.18
MW - 3	12/10/13	3,464.68	-	45.46	0.00	3,419.22
MW - 3	12/17/13	3,464.68	-	45.47	0.00	3,419.21
MW - 3	12/23/13	3,464.68	-	45.56	0.00	3,419.12
MW - 3	01/01/14	3,464.68	-	45.41	0.00	3,419.27
MW - 3	01/07/14	3,464.68	-	45.44	0.00	3,419.24
MW - 3	01/16/14	3,464.68	-	45.46	0.00	3,419.22
MW - 3	01/23/14	3,464.68	-	45.46	0.00	3,419.22
MW - 3	01/28/14	3,464.68	-	45.49	0.00	3,419.19
MW - 3	02/11/14	3,464.68	-	45.48	0.00	3,419.20
MW - 3	02/26/14	3,464.68	-	45.41	0.00	3,419.27
MW - 3	03/21/14	3,464.68	-	45.39	0.00	3,419.29
MW - 3	03/29/14	3,464.68	-	45.40	0.00	3,419.28

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	04/10/14	3,464.68	-	45.38	0.00	3,419.30
MW - 3	04/17/14	3,464.68	-	45.47	0.00	3,419.21
MW - 3	04/17/14	3,464.68	-	45.40	0.00	3,419.28
MW - 3	04/24/14	3,464.68	-	45.41	0.00	3,419.27
MW - 3	05/01/14	3,464.68	-	45.43	0.00	3,419.25
MW - 3	05/06/14	3,464.68	-	45.39	0.00	3,419.29
MW - 3	05/12/14	3,464.68	-	45.42	0.00	3,419.26
MW - 3	05/23/14	3,464.68	-	45.44	0.00	3,419.24
MW - 3	05/27/14	3,464.68	-	45.43	0.00	3,419.25
MW - 3	06/05/14	3,464.68	-	45.45	0.00	3,419.23
MW - 3	06/18/14	3,464.68	-	45.48	0.00	3,419.20
MW - 3	07/01/14	3,464.68	-	45.46	0.00	3,419.22
MW - 3	07/23/14	3,464.68	-	45.57	0.00	3,419.11
MW - 3	08/11/14	3,464.68	-	45.60	0.00	3,419.08
MW - 3	08/21/14	3,464.68	-	45.45	0.00	3,419.23
MW - 3	09/04/14	3,464.68	-	45.56	0.00	3,419.12
MW - 3	10/28/14	3,464.68	-	44.95	0.00	3,419.73
MW - 3	11/15/14	3,464.68	-	44.82	0.00	3,419.86
MW - 3	02/18/15	3,464.68	-	45.05	0.00	3,419.63
MW - 3	03/19/15	3,464.68	-	45.07	0.00	3,419.61
MW - 3	04/16/15	3,464.68	-	45.06	0.00	3,419.62
MW - 3	05/28/15	3,464.68	-	45.09	0.00	3,419.59
MW - 3	07/21/15	3,464.68	-	45.23	0.00	3,419.45
MW - 3	08/20/15	3,464.68	-	45.35	0.00	3,419.33
MW - 3	09/11/15	3,464.68	-	45.35	0.00	3,419.33
MW - 3	10/15/15	3,464.68	-	45.32	0.00	3,419.36
MW - 3	11/30/15	3,464.68	-	45.20	0.00	3,419.48
MW - 3	12/11/15	3,464.68	-	45.18	0.00	3,419.50
MW - 3	01/19/16	3,464.68	-	45.25	0.00	3,419.43
MW - 3	02/25/16	3,464.68	-	45.23	0.00	3,419.45
MW - 3	03/17/16	3,464.68	-	45.18	0.00	3,419.50
MW - 3	04/13/16	3,464.68	-	45.23	0.00	3,419.45
MW - 3	06/02/16	3,464.68	-	45.26	0.00	3,419.42
MW - 3	06/30/16	3,464.68	-	45.32	0.00	3,419.36
MW - 3	07/26/16	3,464.68	-	45.41	0.00	3,419.27
MW - 3	09/12/16	3,464.68	-	44.86	0.00	3,419.82
MW - 3	10/12/16	3,464.68	-	44.83	0.00	3,419.85
MW - 3	12/01/16	3,464.68	-	45.04	0.00	3,419.64
MW - 3	12/28/16	3,464.68	-	45.08	0.00	3,419.60
MW - 3	01/25/17	3,464.68	-	45.12	0.00	3,419.56

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	02/23/17	3,464.68	-	45.07	0.00	3,419.61
MW - 3	03/30/17	3,464.68	-	45.11	0.00	3,419.57
MW - 3	04/11/17	3,464.68	-	45.11	0.00	3,419.57
MW - 3	05/04/17	3,464.68	-	45.12	0.00	3,419.56
MW - 3	06/07/17	3,464.68	-	45.16	0.00	3,419.52
MW - 3	07/06/17	3,464.68	-	45.22	0.00	3,419.46
MW - 3	08/23/17	3,464.68	-	45.71	0.00	3,418.97
MW - 3	10/09/17	3,464.68	-	45.29	0.00	3,419.39
MW - 3	11/29/17	3,464.68	-	45.39	0.00	3,419.29
MW - 3	12/26/17	3,464.68	-	45.42	0.00	3,419.26
MW - 3	02/28/18	3,464.68	-	45.45	0.00	3,419.23
MW - 3	05/24/18	3,464.68	-	45.79	0.00	3,418.89
MW - 3	06/28/18	3,464.68	-	45.54	0.00	3,419.14
MW - 3	08/21/18	3,464.68	-	45.68	0.00	3,419.00
MW - 3	12/05/18	3,464.68	-	45.70	0.00	3,418.98
MW - 3	12/31/18	3,464.68	-	45.72	0.00	3,418.96
MW - 3	01/18/19	3,464.68	-	45.70	0.00	3,418.98
MW - 3	02/25/19	3,464.68	-	45.71	0.00	3,418.97
MW - 3	05/21/19	3,464.68	-	45.58	0.00	3,419.10
MW - 3	07/02/19	3,464.68	-	45.54	0.00	3,419.14
MW - 3	07/30/19	3,464.68	-	45.66	0.00	3,419.02
MW - 3	08/21/19	3,464.68	-	45.71	0.00	3,418.97
MW - 3	12/10/19	3,464.68	-	45.44	0.00	3,419.24
MW - 3	01/21/20	3,464.68	-	45.49	0.00	3,419.19
MW - 3	02/25/20	3,464.68	-	45.49	0.00	3,419.19
MW - 3	06/03/20	3,464.68	-	45.47	0.00	3,419.21
MW - 3	09/21/20	3,464.68	-	45.76	0.00	3,418.92
MW - 3	11/13/20	3,464.68	-	45.80	0.00	3,418.88
MW - 4	03/08/00	3,465.76	-	46.80	0.00	3,418.96
MW - 4	05/12/00	3,465.76	-	45.87	0.00	3,419.89
MW - 4	09/11/00	3,465.76	-	46.83	0.00	3,418.93
MW - 4	12/11/00	3,465.76	-	46.89	0.00	3,418.87
MW - 4	03/19/01	3,465.76	-	46.80	0.00	3,418.96
MW - 4	05/30/01	3,465.76	-	46.89	0.00	3,418.87
MW - 4	09/25/01	3,465.76	-	47.05	0.00	3,418.71
MW - 4	11/20/01	3,465.76	-	47.07	0.00	3,418.69
MW - 4	02/20/02	3,465.76	-	47.02	0.00	3,418.74
MW - 4	06/25/02	3,465.76	-	47.13	0.00	3,418.63
MW - 4	09/17/02	3,465.76	-	47.11	0.00	3,418.65

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	11/20/02	3,465.76	-	47.10	0.00	3,418.66
MW - 4	01/21/03	3,465.76	-	46.94	0.00	3,418.82
MW - 4	02/10/03	3,465.76	-	46.95	0.00	3,418.81
MW - 4	05/15/03	3,465.76	-	47.02	0.00	3,418.74
MW - 4	08/26/03	3,465.76	-	47.19	0.00	3,418.57
MW - 4	11/24/03	3,465.76	-	47.26	0.00	3,418.50
MW - 4	02/18/04	3,465.76	-	47.22	0.00	3,418.54
MW - 4	05/03/04	3,465.76	48.28	48.50	0.22	3,417.45
MW - 4	05/12/04	3,465.76	-	46.96	0.00	3,418.80
MW - 4	08/23/04	3,465.76	-	46.46	0.00	3,419.30
MW - 4	12/07/04	3,465.76	-	45.81	0.00	3,419.95
MW - 4	03/09/05	3,465.76	-	45.89	0.00	3,419.87
MW - 4	06/09/05	3,465.76	46.96	47.05	0.09	3,418.79
MW - 4	08/09/05	3,465.76	-	45.84	0.00	3,419.92
MW - 4	09/01/05	3,465.76	-	45.67	0.00	3,420.09
MW - 4	09/08/05	3,465.76	-	45.71	0.00	3,420.05
MW - 4	11/10/05	3,465.76	-	45.83	0.00	3,419.93
MW - 4	12/01/05	3,465.76	-	45.90	0.00	3,419.86
MW - 4	03/07/06	3,465.76	-	45.96	0.00	3,419.80
MW - 4	06/06/06	3,465.76	-	46.03	0.00	3,419.73
MW - 4	09/15/06	3,465.76	-	45.97	0.00	3,419.79
MW - 4	11/20/06	3,465.76	-	46.02	0.00	3,419.74
MW - 4	02/23/07	3,465.76	-	46.06	0.00	3,419.70
MW - 4	05/18/07	3,465.76	-	46.03	0.00	3,419.73
MW - 4	08/21/07	3,465.76	-	46.08	0.00	3,419.68
MW - 4	11/05/07	3,465.76	-	46.09	0.00	3,419.67
MW - 4	02/08/08	3,465.76	-	46.11	0.00	3,419.65
MW - 4	05/08/08	3,465.76	-	46.00	0.00	3,419.76
MW - 4	06/05/08	3,465.76	-	46.40	0.00	3,419.36
MW - 4	08/13/08	3,465.76	-	46.44	0.00	3,419.32
MW - 4	11/06/08	3,465.76	-	46.28	0.00	3,419.48
MW - 4	02/04/09	3,465.76	-	46.28	0.00	3,419.48
MW - 4	05/08/09	3,465.76	-	46.17	0.00	3,419.59
MW - 4	08/05/09	3,465.76	-	46.25	0.00	3,419.51
MW - 4	11/16/09	3,465.76	-	46.39	0.00	3,419.37
MW - 4	01/06/10	3,465.76	-	46.31	0.00	3,419.45
MW - 4	02/08/10	3,465.76	-	46.31	0.00	3,419.45
MW - 4	05/11/10	3,465.76	-	46.37	0.00	3,419.39
MW - 4	08/10/10	3,465.76	-	46.36	0.00	3,419.40
MW - 4	11/09/10	3,465.76	-	46.40	0.00	3,419.36

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	02/15/11	3,465.76	-	46.40	0.00	3,419.36
MW - 4	05/05/11	3,465.76	-	46.41	0.00	3,419.35
MW - 4	08/04/11	3,465.76	-	46.40	0.00	3,419.36
MW - 4	11/21/11	3,465.76	-	46.61	0.00	3,419.15
MW - 4	02/13/12	3,465.76	-	46.52	0.00	3,419.24
MW - 4	05/29/12	3,465.76	-	46.44	0.00	3,419.32
MW - 4	08/10/12	3,465.76	-	46.56	0.00	3,419.20
MW - 4	11/06/12	3,465.76	-	46.59	0.00	3,419.17
MW - 4	02/06/13	3,465.76	-	46.52	0.00	3,419.24
MW - 4	05/08/13	3,465.76	-	46.52	0.00	3,419.24
MW - 4	08/01/13	3,465.76	-	46.61	0.00	3,419.15
MW - 4	11/05/13	3,465.76	-	46.58	0.00	3,419.18
MW - 4	02/26/14	3,465.76	-	46.58	0.00	3,419.18
MW - 4	05/12/14	3,465.76	-	46.60	0.00	3,419.16
MW - 4	07/23/14	3,465.76	-	46.73	0.00	3,419.03
MW - 4	08/11/14	3,465.76	-	46.78	0.00	3,418.98
MW - 4	10/28/14	3,465.76	-	46.33	0.00	3,419.43
MW - 4	11/15/14	3,465.76	-	46.32	0.00	3,419.44
MW - 4	12/18/14	3,465.76	-	46.31	0.00	3,419.45
MW - 4	02/18/15	3,465.76	-	46.27	0.00	3,419.49
MW - 4	03/19/15	3,465.76	-	45.28	0.00	3,420.48
MW - 4	04/16/15	3,465.76	-	46.26	0.00	3,419.50
MW - 4	05/28/15	3,465.76	-	46.30	0.00	3,419.46
MW - 4	07/21/15	3,465.76	-	46.47	0.00	3,419.29
MW - 4	08/20/15	3,465.76	-	46.54	0.00	3,419.22
MW - 4	09/11/15	3,465.76	-	46.53	0.00	3,419.23
MW - 4	10/15/15	3,465.76	-	46.50	0.00	3,419.26
MW - 4	11/30/15	3,465.76	-	46.43	0.00	3,419.33
MW - 4	12/11/15	3,465.76	-	46.39	0.00	3,419.37
MW - 4	01/19/16	3,465.76	-	46.40	0.00	3,419.36
MW - 4	02/25/16	3,465.76	-	46.43	0.00	3,419.33
MW - 4	03/17/16	3,465.76	-	46.38	0.00	3,419.38
MW - 4	04/13/16	3,465.76	-	46.39	0.00	3,419.37
MW - 4	06/02/16	3,465.76	-	46.45	0.00	3,419.31
MW - 4	06/30/16	3,465.76	-	46.51	0.00	3,419.25
MW - 4	07/26/16	3,465.76	-	46.61	0.00	3,419.15
MW - 4	09/12/16	3,465.76	-	46.37	0.00	3,419.39
MW - 4	10/12/16	3,465.76	-	46.26	0.00	3,419.50
MW - 4	12/01/16	3,465.76	-	46.30	0.00	3,419.46
MW - 4	12/28/16	3,465.76	-	46.31	0.00	3,419.45

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	01/25/17	3,465.76	-	46.36	0.00	3,419.40
MW - 4	02/23/17	3,465.76	-	46.32	0.00	3,419.44
MW - 4	03/30/17	3,465.76	-	46.31	0.00	3,419.45
MW - 4	04/11/17	3,465.76	-	46.31	0.00	3,419.45
MW - 4	05/04/17	3,465.76	-	46.31	0.00	3,419.45
MW - 4	06/07/17	3,465.76	-	46.34	0.00	3,419.42
MW - 4	07/06/17	3,465.76	-	46.33	0.00	3,419.43
MW - 4	08/23/17	3,465.76	-	46.53	0.00	3,419.23
MW - 4	10/09/17	3,465.76	-	46.59	0.00	3,419.17
MW - 4	11/29/17	3,465.76	-	46.61	0.00	3,419.15
MW - 4	12/26/17	3,465.76	-	46.63	0.00	3,419.13
MW - 4	02/28/18	3,465.76	-	46.65	0.00	3,419.11
MW - 4	05/24/18	3,465.76	-	46.69	0.00	3,419.07
MW - 4	06/28/18	3,465.76	-	46.76	0.00	3,419.00
MW - 4	08/21/18	3,465.76	-	46.88	0.00	3,418.88
MW - 4	12/05/18	3,465.76	-	46.95	0.00	3,418.81
MW - 4	12/31/18	3,465.76	-	46.97	0.00	3,418.79
MW - 4	01/18/19	3,465.76	-	46.94	0.00	3,418.82
MW - 4	02/25/19	3,465.76	-	46.95	0.00	3,418.81
MW - 4	05/21/19	3,465.76	-	46.78	0.00	3,418.98
MW - 4	07/02/19	3,465.76	-	46.81	0.00	3,418.95
MW - 4	07/30/19	3,465.76	-	46.87	0.00	3,418.89
MW - 4	08/21/19	3,465.76	-	46.92	0.00	3,418.84
MW - 4	12/10/19	3,465.76	-	46.75	0.00	3,419.01
MW - 4	01/21/20	3,465.76	-	46.75	0.00	3,419.01
MW - 4	02/25/20	3,465.76	-	46.74	0.00	3,419.02
MW - 4	06/02/20	3,465.76	-	46.68	0.00	3,419.08
MW - 4	09/21/20	3,465.76	-	46.96	0.00	3,418.80
MW - 4	11/13/20	3,465.76	-	47.00	0.00	3,418.76
MW - 5	03/08/00	3,467.40	-	48.47	0.00	3,418.93
MW - 5	05/12/00	3,467.40	-	48.53	0.00	3,418.87
MW - 5	09/11/00	3,467.40	-	48.52	0.00	3,418.88
MW - 5	12/11/00	3,467.40	-	48.52	0.00	3,418.88
MW - 5	03/19/01	3,467.40	-	48.47	0.00	3,418.93
MW - 5	05/30/01	3,467.40	-	48.56	0.00	3,418.84
MW - 5	09/25/01	3,467.40	-	48.72	0.00	3,418.68
MW - 5	11/20/01	3,467.40	-	48.73	0.00	3,418.67
MW - 5	02/20/02	3,467.40	-	48.69	0.00	3,418.71
MW - 5	06/25/02	3,467.40	-	48.78	0.00	3,418.62

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	09/17/02	3,467.40	-	48.77	0.00	3,418.63
MW - 5	11/20/02	3,467.40	-	48.77	0.00	3,418.63
MW - 5	01/21/03	3,467.40	-	48.63	0.00	3,418.77
MW - 5	02/10/03	3,467.40	-	48.57	0.00	3,418.83
MW - 5	05/15/03	3,467.40	-	48.69	0.00	3,418.71
MW - 5	08/26/03	3,467.40	-	48.88	0.00	3,418.52
MW - 5	11/24/03	3,467.40	-	48.94	0.00	3,418.46
MW - 5	02/18/04	3,467.40	-	48.88	0.00	3,418.52
MW - 5	05/12/04	3,467.40	-	48.64	0.00	3,418.76
MW - 5	08/23/04	3,467.40	-	48.15	0.00	3,419.25
MW - 5	12/07/04	3,467.40	-	47.55	0.00	3,419.85
MW - 5	03/09/05	3,467.40	-	47.60	0.00	3,419.80
MW - 5	06/09/05	3,467.40	-	47.67	0.00	3,419.73
MW - 5	08/09/05	3,467.40	sheen	47.56	0.00	3,419.84
MW - 5	09/01/05	3,467.40	-	47.43	0.00	3,419.97
MW - 5	09/08/05	3,467.40	-	47.47	0.00	3,419.93
MW - 5	12/01/05	3,467.40	-	47.66	0.00	3,419.74
MW - 5	03/07/06	3,467.40	-	47.71	0.00	3,419.69
MW - 5	06/06/06	3,467.40	-	47.78	0.00	3,419.62
MW - 5	09/15/06	3,467.40	-	47.74	0.00	3,419.66
MW - 5	11/20/06	3,467.40	-	47.82	0.00	3,419.58
MW - 5	02/23/07	3,467.40	-	47.83	0.00	3,419.57
MW - 5	05/18/07	3,467.40	-	47.81	0.00	3,419.59
MW - 5	08/21/07	3,467.40	-	47.85	0.00	3,419.55
MW - 5	11/05/07	3,467.40	-	47.88	0.00	3,419.52
MW - 5	02/08/08	3,467.40	-	47.91	0.00	3,419.49
MW - 5	05/08/08	3,467.40	-	47.78	0.00	3,419.62
MW - 5	08/13/08	3,467.40	-	48.02	0.00	3,419.38
MW - 5	11/06/08	3,467.40	-	48.04	0.00	3,419.36
MW - 5	02/04/09	3,467.40	-	48.03	0.00	3,419.37
MW - 5	05/08/09	3,467.40	-	47.94	0.00	3,419.46
MW - 5	08/05/09	3,467.40	-	48.02	0.00	3,419.38
MW - 5	11/16/09	3,467.40	-	48.14	0.00	3,419.26
MW - 5	01/06/10	3,467.40	-	48.05	0.00	3,419.35
MW - 5	02/08/10	3,467.40	-	48.05	0.00	3,419.35
MW - 5	05/11/10	3,467.40	-	48.07	0.00	3,419.33
MW - 5	08/10/10	3,467.40	-	48.08	0.00	3,419.32
MW - 5	11/09/10	3,467.40	-	48.15	0.00	3,419.25
MW - 5	02/15/11	3,467.40	-	48.14	0.00	3,419.26
MW - 5	05/05/11	3,467.40	-	48.14	0.00	3,419.26

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	08/04/11	3,467.40	-	48.16	0.00	3,419.24
MW - 5	11/21/11	3,467.40	-	48.36	0.00	3,419.04
MW - 5	02/13/12	3,467.40	-	48.26	0.00	3,419.14
MW - 5	05/29/12	3,467.40	-	48.19	0.00	3,419.21
MW - 5	08/10/12	3,467.40	-	48.29	0.00	3,419.11
MW - 5	11/06/12	3,467.40	-	48.34	0.00	3,419.06
MW - 5	02/06/13	3,467.40	-	48.28	0.00	3,419.12
MW - 5	05/08/13	3,467.40	-	48.28	0.00	3,419.12
MW - 5	08/01/13	3,467.40	-	48.37	0.00	3,419.03
MW - 5	11/05/13	3,467.40	-	48.32	0.00	3,419.08
MW - 5	02/26/14	3,467.40	-	48.31	0.00	3,419.09
MW - 5	05/12/14	3,467.40	-	48.33	0.00	3,419.07
MW - 5	07/23/14	3,467.40	-	48.46	0.00	3,418.94
MW - 5	08/11/14	3,467.40	-	48.50	0.00	3,418.90
MW - 5	10/28/14	3,467.40	-	48.04	0.00	3,419.36
MW - 5	11/15/14	3,467.40	-	48.01	0.00	3,419.39
MW - 5	02/18/15	3,467.40	-	47.97	0.00	3,419.43
MW - 5	03/19/15	3,467.40	-	47.99	0.00	3,419.41
MW - 5	04/16/15	3,467.40	-	47.98	0.00	3,419.42
MW - 5	05/28/15	3,467.40	-	48.03	0.00	3,419.37
MW - 5	07/21/15	3,467.40	-	48.20	0.00	3,419.20
MW - 5	08/20/15	3,467.40	-	48.27	0.00	3,419.13
MW - 5	09/11/15	3,467.40	-	48.28	0.00	3,419.12
MW - 5	10/15/15	3,467.40	-	48.24	0.00	3,419.16
MW - 5	11/30/15	3,467.40	-	48.17	0.00	3,419.23
MW - 5	12/11/15	3,467.40	-	48.15	0.00	3,419.25
MW - 5	01/19/16	3,467.40	-	48.14	0.00	3,419.26
MW - 5	02/25/16	3,467.40	-	48.16	0.00	3,419.24
MW - 5	03/17/16	3,467.40	-	48.12	0.00	3,419.28
MW - 5	04/13/16	3,467.40	-	48.13	0.00	3,419.27
MW - 5	06/02/16	3,467.40	-	48.19	0.00	3,419.21
MW - 5	06/30/16	3,467.40	-	48.27	0.00	3,419.13
MW - 5	07/26/16	3,467.40	-	48.34	0.00	3,419.06
MW - 5	08/23/16	3,467.40	-	48.30	0.00	3,419.10
MW - 5	09/12/16	3,467.40	-	48.11	0.00	3,419.29
MW - 5	10/12/16	3,467.40	-	47.97	0.00	3,419.43
MW - 5	12/01/16	3,467.40	-	48.04	0.00	3,419.36
MW - 5	12/28/16	3,467.40	-	48.05	0.00	3,419.35
MW - 5	01/25/17	3,467.40	-	48.10	0.00	3,419.30
MW - 5	02/23/17	3,467.40	-	48.02	0.00	3,419.38

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	03/30/17	3,467.40	-	48.04	0.00	3,419.36
MW - 5	04/11/17	3,467.40	-	48.07	0.00	3,419.33
MW - 5	05/04/17	3,467.40	-	48.05	0.00	3,419.35
MW - 5	06/07/17	3,467.40	-	48.09	0.00	3,419.31
MW - 5	07/06/17	3,467.40	-	48.13	0.00	3,419.27
MW - 5	08/23/17	3,467.40	-	48.25	0.00	3,419.15
MW - 5	10/09/17	3,467.40	-	48.31	0.00	3,419.09
MW - 5	11/29/17	3,467.40	-	48.34	0.00	3,419.06
MW - 5	12/26/17	3,467.40	-	48.37	0.00	3,419.03
MW - 5	02/28/18	3,467.40	-	48.39	0.00	3,419.01
MW - 5	05/24/18	3,467.40	-	48.44	0.00	3,418.96
MW - 5	06/28/18	3,467.40	-	48.51	0.00	3,418.89
MW - 5	08/21/18	3,467.40	-	48.62	0.00	3,418.78
MW - 5	12/05/18	3,467.40	-	48.64	0.00	3,418.76
MW - 5	12/31/18	3,467.40	-	48.68	0.00	3,418.72
MW - 5	01/18/19	3,467.40	-	48.64	0.00	3,418.76
MW - 5	02/25/19	3,467.40	-	48.64	0.00	3,418.76
MW - 5	05/21/19	3,467.40	-	47.08	0.00	3,420.32
MW - 5	07/02/19	3,467.40	-	48.53	0.00	3,418.87
MW - 5	07/30/19	3,467.40	-	48.61	0.00	3,418.79
MW - 5	08/21/19	3,467.40	-	48.64	0.00	3,418.76
MW - 5	12/10/19	3,467.40	-	48.45	0.00	3,418.95
MW - 5	01/21/20	3,467.40	-	48.45	0.00	3,418.95
MW - 5	02/25/20	3,467.40	-	48.43	0.00	3,418.97
MW - 5	06/02/20	3,467.40	-	48.40	0.00	3,419.00
MW - 5	09/21/20	3,467.40	-	48.68	0.00	3,418.72
MW - 5	11/13/20	3,467.40	-	48.73	0.00	3,418.67
MW - 6	03/08/00	3,465.42	-	45.98	0.00	3,419.44
MW - 6	05/12/00	3,465.42	46.17	46.65	0.48	3,419.18
MW - 6	09/11/00	3,465.42	46.06	46.57	0.51	3,419.28
MW - 6	12/11/00	3,465.42	46.21	46.43	0.22	3,419.18
MW - 6	03/19/01	3,465.42	45.96	45.98	0.02	3,419.46
MW - 6	05/30/01	3,465.42	46.13	46.89	0.76	3,419.18
MW - 6	09/25/01	3,465.42	46.21	47.81	1.60	3,418.97
MW - 6	11/20/01	3,465.42	46.13	48.23	2.10	3,418.98
MW - 6	02/20/02	3,465.42	46.05	48.55	2.50	3,419.00
MW - 6	06/25/02	3,465.42	46.38	46.81	0.43	3,418.98
MW - 6	09/17/02	3,465.42	46.35	46.77	0.42	3,419.01
MW - 6	11/07/02	3,465.42	46.40	46.69	0.29	3,418.98

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	11/20/02	3,465.42	46.46	46.48	0.02	3,418.96
MW - 6	01/07/03	3,465.42	46.30	46.52	0.22	3,419.09
MW - 6	01/13/03	3,465.42	46.31	46.47	0.16	3,419.09
MW - 6	01/21/03	3,465.42	46.29	46.51	0.22	3,419.10
MW - 6	01/27/03	3,465.42	46.26	46.43	0.17	3,419.13
MW - 6	02/10/03	3,465.42	46.27	46.51	0.24	3,419.11
MW - 6	02/19/03	3,465.42	46.40	46.48	0.08	3,419.01
MW - 6	02/26/03	3,465.42	46.23	46.51	0.28	3,419.15
MW - 6	03/05/03	3,465.42	46.32	46.51	0.19	3,419.07
MW - 6	03/20/03	3,465.42	46.38	46.50	0.12	3,419.02
MW - 6	03/25/03	3,465.42	46.26	46.58	0.32	3,419.11
MW - 6	04/03/03	3,465.42	46.24	46.47	0.23	3,419.15
MW - 6	04/16/03	3,465.42	46.34	46.52	0.18	3,419.05
MW - 6	05/08/03	3,465.42	46.35	46.58	0.23	3,419.04
MW - 6	05/15/03	3,465.42	46.27	46.55	0.28	3,419.11
MW - 6	05/20/03	3,465.42	46.41	46.67	0.26	3,418.97
MW - 6	05/27/03	3,465.42	46.38	46.72	0.34	3,418.99
MW - 6	06/03/03	3,465.42	46.28	46.86	0.58	3,419.05
MW - 6	06/05/03	3,465.42	46.21	47.43	1.22	3,419.03
MW - 6	06/25/03	3,465.42	46.44	47.70	1.26	3,418.79
MW - 6	07/02/03	3,465.42	46.45	46.74	0.29	3,418.93
MW - 6	07/07/03	3,465.42	46.35	47.90	1.55	3,418.84
MW - 6	07/30/03	3,465.42	46.23	47.93	1.70	3,418.94
MW - 6	08/04/03	3,465.42	46.45	48.12	1.67	3,418.72
MW - 6	08/13/03	3,465.42	46.52	46.68	0.16	3,418.88
MW - 6	08/20/03	3,465.42	46.52	48.42	1.90	3,418.62
MW - 6	08/26/03	3,465.42	46.76	46.78	0.02	3,418.66
MW - 6	09/08/03	3,465.42	46.76	46.97	0.21	3,418.63
MW - 6	09/15/03	3,465.42	46.78	46.92	0.14	3,418.62
MW - 6	09/24/03	3,465.42	46.77	46.99	0.22	3,418.62
MW - 6	09/30/03	3,465.42	46.51	46.55	0.04	3,418.90
MW - 6	10/07/03	3,465.42	46.46	47.15	0.69	3,418.86
MW - 6	10/14/03	3,465.42	46.71	47.82	1.11	3,418.54
MW - 6	10/27/03	3,465.42	46.67	48.10	1.43	3,418.54
MW - 6	11/04/03	3,465.42	46.86	47.53	0.67	3,418.46
MW - 6	11/10/03	3,465.42	46.96	47.71	0.75	3,418.35
MW - 6	11/17/03	3,465.42	46.48	47.71	1.23	3,418.76
MW - 6	11/24/03	3,465.42	46.49	47.85	1.36	3,418.73
MW - 6	12/08/03	3,465.42	46.43	47.98	1.55	3,418.76
MW - 6	01/02/04	3,465.42	46.28	47.95	1.67	3,418.89

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	01/06/04	3,465.42	46.26	47.83	1.57	3,418.92
MW - 6	01/27/04	3,465.42	46.74	48.63	1.89	3,418.40
MW - 6	02/02/04	3,465.42	46.81	48.62	1.81	3,418.34
MW - 6	02/18/04	3,465.42	46.25	47.74	1.49	3,418.95
MW - 6	02/23/04	3,465.42	46.36	47.09	0.73	3,418.95
MW - 6	03/01/04	3,465.42	46.37	47.08	0.71	3,418.94
MW - 6	03/10/04	3,465.42	46.34	47.09	0.75	3,418.97
MW - 6	03/15/04	3,465.42	46.15	48.56	2.41	3,418.91
MW - 6	03/23/04	3,465.42	46.65	49.16	2.51	3,418.39
MW - 6	03/30/04	3,465.42	46.69	49.10	2.41	3,418.37
MW - 6	04/07/04	3,465.42	46.64	49.12	2.48	3,418.41
MW - 6	04/12/04	3,465.42	46.62	49.10	2.48	3,418.43
MW - 6	04/15/04	3,465.42	46.62	48.75	2.13	3,418.48
MW - 6	04/19/04	3,465.42	46.08	48.04	1.96	3,419.05
MW - 6	05/03/04	3,465.42	46.28	48.19	1.91	3,418.85
MW - 6	05/11/04	3,465.42	46.46	47.73	1.27	3,418.77
MW - 6	05/12/04	3,465.42	46.09	47.27	1.18	3,419.15
MW - 6	06/09/04	3,465.42	45.98	47.59	1.61	3,419.20
MW - 6	06/16/04	3,465.42	45.99	47.60	1.61	3,419.19
MW - 6	06/22/04	3,465.42	45.96	48.00	2.04	3,419.15
MW - 6	07/07/04	3,465.42	45.92	48.01	2.09	3,419.19
MW - 6	07/13/04	3,465.42	45.98	47.99	2.01	3,419.14
MW - 6	07/21/04	3,465.42	45.57	46.46	0.89	3,419.72
MW - 6	08/11/04	3,465.42	45.58	46.49	0.91	3,419.70
MW - 6	08/17/04	3,465.42	45.65	46.54	0.89	3,419.64
MW - 6	08/23/04	3,465.42	45.60	46.12	0.52	3,419.74
MW - 6	09/13/04	3,465.42	45.67	46.24	0.57	3,419.66
MW - 6	09/20/04	3,465.42	45.65	45.99	0.34	3,419.72
MW - 6	09/29/04	3,465.42	45.99	46.50	0.51	3,419.35
MW - 6	10/04/04	3,465.42	45.89	46.52	0.63	3,419.44
MW - 6	10/12/04	3,465.42	44.75	45.00	0.25	3,420.63
MW - 6	10/19/04	3,465.42	44.80	45.16	0.36	3,420.57
MW - 6	10/25/04	3,465.42	44.89	45.06	0.17	3,420.50
MW - 6	11/01/04	3,465.42	45.05	45.25	0.20	3,420.34
MW - 6	11/09/04	3,465.42	45.03	45.11	0.08	3,420.38
MW - 6	11/17/04	3,465.42	45.08	45.41	0.33	3,420.29
MW - 6	11/29/04	3,465.42	45.18	45.45	0.27	3,420.20
MW - 6	12/07/04	3,465.42	45.12	45.41	0.29	3,420.26
MW - 6	12/13/04	3,465.42	45.19	45.45	0.26	3,420.19
MW - 6	12/20/04	3,465.42	45.22	45.40	0.18	3,420.17

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	12/30/04	3,465.42	45.19	45.50	0.31	3,420.18
MW - 6	01/03/05	3,465.42	45.21	45.47	0.26	3,420.17
MW - 6	01/10/05	3,465.42	45.28	45.36	0.08	3,420.13
MW - 6	01/17/05	3,465.42	45.21	45.59	0.38	3,420.15
MW - 6	01/24/05	3,465.42	45.22	45.52	0.30	3,420.16
MW - 6	01/31/05	3,465.42	45.23	45.47	0.24	3,420.15
MW - 6	02/07/05	3,465.42	45.35	45.70	0.35	3,420.02
MW - 6	02/14/05	3,465.42	45.25	45.48	0.23	3,420.14
MW - 6	02/21/05	3,465.42	45.26	45.54	0.28	3,420.12
MW - 6	02/28/05	3,465.42	45.28	45.40	0.12	3,420.12
MW - 6	03/07/05	3,465.42	45.26	45.40	0.14	3,420.14
MW - 6	03/09/05	3,465.42	45.26	45.40	0.14	3,420.14
MW - 6	03/16/05	3,465.42	45.29	45.45	0.16	3,420.11
MW - 6	03/21/05	3,465.42	45.26	45.55	0.29	3,420.12
MW - 6	03/28/05	3,465.42	45.25	45.60	0.35	3,420.12
MW - 6	04/04/05	3,465.42	sheen	45.25	0.00	3,420.17
MW - 6	04/13/05	3,465.42	45.30	45.50	0.20	3,420.09
MW - 6	04/18/05	3,465.42	45.25	45.40	0.15	3,420.15
MW - 6	05/23/05	3,465.42	45.28	45.68	0.40	3,420.08
MW - 6	06/09/05	3,465.42	45.30	45.70	0.40	3,420.06
MW - 6	06/21/05	3,465.42	45.35	45.75	0.40	3,420.01
MW - 6	07/14/05	3,465.42	45.34	45.70	0.36	3,420.03
MW - 6	07/26/05	3,465.42	45.37	45.63	0.26	3,420.01
MW - 6	08/09/05	3,465.42	45.04	45.23	0.19	3,420.35
MW - 6	08/25/05	3,465.42	44.94	45.10	0.16	3,420.46
MW - 6	09/01/05	3,465.42	44.96	45.08	0.12	3,420.44
MW - 6	09/08/05	3,465.42	45.01	45.34	0.33	3,420.36
MW - 6	09/13/05	3,465.42	45.05	45.41	0.36	3,420.32
MW - 6	09/26/05	3,465.42	45.14	45.34	0.20	3,420.25
MW - 6	10/11/05	3,465.42	45.17	45.50	0.33	3,420.20
MW - 6	10/25/05	3,465.42	45.14	45.65	0.51	3,420.20
MW - 6	11/10/05	3,465.42	45.16	45.72	0.56	3,420.18
MW - 6	11/14/05	3,465.42	45.17	45.75	0.58	3,420.16
MW - 6	12/01/05	3,465.42	45.20	45.82	0.62	3,420.13
MW - 6	12/28/05	3,465.42	45.26	45.96	0.70	3,420.06
MW - 6	01/11/06	3,465.42	45.25	46.00	0.75	3,420.06
MW - 6	01/25/06	3,465.42	45.30	46.06	0.76	3,420.01
MW - 6	02/08/06	3,465.42	45.25	46.03	0.78	3,420.05
MW - 6	02/23/06	3,465.42	45.26	45.99	0.73	3,420.05
MW - 6	03/07/06	3,465.42	45.25	46.06	0.81	3,420.05

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	03/08/06	3,465.42	45.25	46.05	0.80	3,420.05
MW - 6	03/20/06	3,465.42	45.27	46.10	0.83	3,420.03
MW - 6	03/30/06	3,465.42	45.27	46.06	0.79	3,420.03
MW - 6	05/03/06	3,465.42	45.30	46.15	0.85	3,419.99
MW - 6	06/01/06	3,465.42	45.31	46.42	1.11	3,419.94
MW - 6	06/06/06	3,465.42	45.33	46.21	0.88	3,419.96
MW - 6	06/14/06	3,465.42	45.31	46.39	1.08	3,419.95
MW - 6	06/29/06	3,465.42	45.35	46.24	0.89	3,419.94
MW - 6	07/13/06	3,465.42	45.34	46.23	0.89	3,419.95
MW - 6	07/27/06	3,465.42	45.36	46.31	0.95	3,419.92
MW - 6	08/10/06	3,465.42	45.38	46.32	0.94	3,419.90
MW - 6	09/15/06	3,465.42	45.29	46.18	0.89	3,420.00
MW - 6	10/03/06	3,465.42	45.31	46.19	0.88	3,419.98
MW - 6	11/20/06	3,465.42	45.34	46.34	1.00	3,419.93
MW - 6	01/11/07	3,465.42	45.35	46.36	1.01	3,419.92
MW - 6	02/15/07	3,465.42	45.34	46.40	1.06	3,419.92
MW - 6	02/23/07	3,465.42	45.39	46.48	1.09	3,419.87
MW - 6	03/08/07	3,465.42	45.39	46.53	1.14	3,419.86
MW - 6	03/28/07	3,465.42	45.39	46.08	0.69	3,419.93
MW - 6	04/25/07	3,465.42	45.34	46.40	1.06	3,419.92
MW - 6	05/04/07	3,465.42	45.32	46.28	0.96	3,419.96
MW - 6	05/18/07	3,465.42	45.31	46.24	0.93	3,419.97
MW - 6	06/14/07	3,465.42	45.29	46.16	0.87	3,420.00
MW - 6	07/12/07	3,465.42	45.29	46.18	0.89	3,420.00
MW - 6	08/21/07	3,465.42	45.33	46.36	1.03	3,419.94
MW - 6	09/14/07	3,465.42	45.37	46.46	1.09	3,419.89
MW - 6	09/26/07	3,465.42	45.37	46.44	1.07	3,419.89
MW - 6	10/03/07	3,465.42	45.38	46.35	0.97	3,419.89
MW - 6	10/10/07	3,465.42	45.40	46.42	1.02	3,419.87
MW - 6	10/17/07	3,465.42	45.34	46.31	0.97	3,419.93
MW - 6	11/05/07	3,465.42	45.34	46.33	0.99	3,419.93
MW - 6	11/07/07	3,465.42	45.36	46.35	0.99	3,419.91
MW - 6	12/18/07	3,465.42	45.33	46.38	1.05	3,419.93
MW - 6	02/15/08	3,465.42	45.33	46.34	1.01	3,419.94
MW - 6	02/22/08	3,465.42	45.33	46.29	0.96	3,419.95
MW - 6	04/04/08	3,465.42	45.33	46.32	0.99	3,419.94
MW - 6	05/08/08	3,465.42	45.31	46.34	1.03	3,419.96
MW - 6	05/16/08	3,465.42	45.33	46.31	0.98	3,419.94
MW - 6	06/05/08	3,465.42	45.31	46.30	0.99	3,419.96
MW - 6	06/27/08	3,465.42	45.38	46.48	1.10	3,419.88

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	07/15/08	3,465.42	45.42	46.61	1.19	3,419.82
MW - 6	08/12/08	3,465.42	45.45	46.76	1.31	3,419.77
MW - 6	08/13/08	3,465.42	45.45	46.76	1.31	3,419.77
MW - 6	09/25/08	3,465.42	45.49	46.81	1.32	3,419.73
MW - 6	09/30/08	3,465.42	45.47	46.68	1.21	3,419.77
MW - 6	10/08/08	3,465.42	45.47	46.73	1.26	3,419.76
MW - 6	10/24/08	3,465.42	45.43	46.73	1.30	3,419.80
MW - 6	11/06/08	3,465.42	45.46	46.76	1.30	3,419.77
MW - 6	11/08/08	3,465.42	45.43	46.38	0.95	3,419.85
MW - 6	12/17/08	3,465.42	45.50	46.89	1.39	3,419.71
MW - 6	12/30/08	3,465.42	46.28	46.45	0.17	3,419.11
MW - 6	01/07/09	3,465.42	45.48	46.87	1.39	3,419.73
MW - 6	01/22/09	3,465.42	46.34	46.51	0.17	3,419.05
MW - 6	01/26/09	3,465.42	45.45	46.82	1.37	3,419.76
MW - 6	02/05/09	3,465.42	45.46	46.76	1.30	3,419.77
MW - 6	02/13/09	3,465.42	45.43	46.79	1.36	3,419.79
MW - 6	02/27/09	3,465.42	45.49	46.70	1.21	3,419.75
MW - 6	03/03/09	3,465.42	45.33	46.75	1.42	3,419.88
MW - 6	03/10/09	3,465.42	45.35	46.68	1.33	3,419.87
MW - 6	03/18/09	3,465.42	45.44	46.50	1.06	3,419.82
MW - 6	03/27/09	3,465.42	45.43	46.43	1.00	3,419.84
MW - 6	04/02/09	3,465.42	45.60	46.75	1.15	3,419.65
MW - 6	04/07/09	3,465.42	45.44	46.41	0.97	3,419.83
MW - 6	04/14/09	3,465.42	45.44	46.35	0.91	3,419.84
MW - 6	04/28/09	3,465.42	45.44	46.39	0.95	3,419.84
MW - 6	05/07/09	3,465.42	45.43	46.19	0.76	3,419.88
MW - 6	05/08/09	3,465.42	45.43	46.19	0.76	3,419.88
MW - 6	06/02/09	3,465.42	45.42	46.60	1.18	3,419.82
MW - 6	06/11/09	3,465.42	45.42	46.53	1.11	3,419.83
MW - 6	06/16/09	3,465.42	45.41	46.33	0.92	3,419.87
MW - 6	06/26/09	3,465.42	45.44	46.43	0.99	3,419.83
MW - 6	06/30/09	3,465.42	45.42	46.31	0.89	3,419.87
MW - 6	07/07/09	3,465.42	45.46	46.54	1.08	3,419.80
MW - 6	07/15/09	3,465.42	45.50	46.59	1.09	3,419.76
MW - 6	07/21/09	3,465.42	45.57	46.57	1.00	3,419.70
MW - 6	07/28/09	3,465.42	45.43	46.53	1.10	3,419.83
MW - 6	07/31/09	3,465.42	45.51	46.55	1.04	3,419.75
MW - 6	08/05/09	3,465.42	45.49	46.61	1.12	3,419.76
MW - 6	08/06/09	3,465.42	45.45	46.60	1.15	3,419.80
MW - 6	08/13/09	3,465.42	45.47	46.59	1.12	3,419.78

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	08/19/09	3,465.42	45.49	46.52	1.03	3,419.78
MW - 6	08/25/09	3,465.42	45.53	46.55	1.02	3,419.74
MW - 6	09/01/09	3,465.42	45.53	46.75	1.22	3,419.71
MW - 6	09/08/09	3,465.42	45.43	46.53	1.10	3,419.83
MW - 6	09/15/09	3,465.42	45.44	46.51	1.07	3,419.82
MW - 6	09/25/09	3,465.42	45.53	46.96	1.43	3,419.68
MW - 6	09/28/09	3,465.42	45.59	46.79	1.20	3,419.65
MW - 6	10/02/09	3,465.42	45.58	46.73	1.15	3,419.67
MW - 6	10/05/09	3,465.42	45.63	46.62	0.99	3,419.64
MW - 6	10/06/09	3,465.42	45.60	46.72	1.12	3,419.65
MW - 6	10/09/09	3,465.42	45.60	46.72	1.12	3,419.65
MW - 6	10/12/09	3,465.42	45.66	46.66	1.00	3,419.61
MW - 6	10/22/09	3,465.42	45.55	46.91	1.36	3,419.67
MW - 6	10/29/09	3,465.42	45.57	46.80	1.23	3,419.67
MW - 6	11/06/09	3,465.42	45.57	46.82	1.25	3,419.66
MW - 6	11/16/09	3,465.42	45.61	47.00	1.39	3,419.60
MW - 6	11/25/09	3,465.42	45.55	46.93	1.38	3,419.66
MW - 6	12/11/09	3,465.42	45.55	46.93	1.38	3,419.66
MW - 6	12/22/09	3,465.42	45.45	46.43	0.98	3,419.82
MW - 6	01/06/09	3,465.42	45.54	46.96	1.42	3,419.67
MW - 6	01/20/10	3,465.42	45.50	46.79	1.29	3,419.73
MW - 6	02/08/10	3,465.42	45.56	46.95	1.39	3,419.65
MW - 6	03/03/10	3,465.42	45.53	46.99	1.46	3,419.67
MW - 6	03/16/10	3,465.42	45.51	46.77	1.26	3,419.72
MW - 6	03/23/10	3,465.42	45.58	46.71	1.13	3,419.67
MW - 6	04/05/10	3,465.42	45.46	46.61	1.15	3,419.79
MW - 6	04/15/10	3,465.42	45.57	46.85	1.28	3,419.66
MW - 6	05/11/10	3,465.42	45.54	46.88	1.34	3,419.68
MW - 6	05/26/10	3,465.42	45.50	46.86	1.36	3,419.72
MW - 6	06/08/10	3,465.42	45.49	46.82	1.33	3,419.73
MW - 6	06/16/10	3,465.42	45.53	46.79	1.26	3,419.70
MW - 6	06/25/10	3,465.42	45.59	46.91	1.32	3,419.63
MW - 6	07/08/10	3,465.42	45.55	47.05	1.50	3,419.65
MW - 6	07/13/10	3,465.42	45.55	46.65	1.10	3,419.71
MW - 6	07/28/10	3,465.42	45.45	46.54	1.09	3,419.81
MW - 6	08/04/10	3,465.42	45.46	46.59	1.13	3,419.79
MW - 6	08/10/10	3,465.42	45.58	46.92	1.34	3,419.64
MW - 6	08/19/10	3,465.42	45.49	46.81	1.32	3,419.73
MW - 6	08/27/10	3,465.42	45.51	46.83	1.32	3,419.71
MW - 6	09/03/10	3,465.42	45.55	46.85	1.30	3,419.68

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	09/09/10	3,465.42	45.59	46.90	1.31	3,419.63
MW - 6	09/17/10	3,465.42	45.47	46.72	1.25	3,419.76
MW - 6	10/01/10	3,465.42	45.58	46.87	1.29	3,419.65
MW - 6	10/06/10	3,465.42	45.59	46.87	1.28	3,419.64
MW - 6	10/13/10	3,465.42	45.54	47.10	1.56	3,419.65
MW - 6	10/26/10	3,465.42	45.61	46.85	1.24	3,419.62
MW - 6	11/05/10	3,465.42	45.51	47.06	1.55	3,419.68
MW - 6	11/09/10	3,465.42	45.60	46.83	1.23	3,419.64
MW - 6	11/12/10	3,465.42	45.48	47.02	1.54	3,419.71
MW - 6	12/10/10	3,465.42	45.55	46.93	1.38	3,419.66
MW - 6	12/13/10	3,465.42	45.62	46.82	1.20	3,419.62
MW - 6	01/27/11	3,465.42	45.61	46.85	1.24	3,419.62
MW - 6	02/15/11	3,465.42	45.59	46.85	1.26	3,419.64
MW - 6	05/05/11	3,465.42	45.60	46.82	1.22	3,419.64
MW - 6	05/12/11	3,465.42	45.57	47.36	1.79	3,419.58
MW - 6	05/16/11	3,465.42	45.59	47.21	1.62	3,419.59
MW - 6	05/26/11	3,465.42	45.60	47.15	1.55	3,419.59
MW - 6	06/09/11	3,465.42	45.59	47.41	1.82	3,419.56
MW - 6	06/29/11	3,465.42	45.61	47.44	1.83	3,419.54
MW - 6	07/05/11	3,465.42	45.60	47.48	1.88	3,419.54
MW - 6	07/15/11	3,465.42	45.63	47.58	1.95	3,419.50
MW - 6	07/22/11	3,465.42	45.62	47.60	1.98	3,419.50
MW - 6	07/28/11	3,465.42	45.65	47.59	1.94	3,419.48
MW - 6	08/04/11	3,465.42	45.63	47.65	2.02	3,419.49
MW - 6	08/11/11	3,465.42	45.64	47.60	1.96	3,419.49
MW - 6	08/24/11	3,465.42	45.68	47.68	2.00	3,419.44
MW - 6	09/02/11	3,465.42	45.74	47.55	1.81	3,419.41
MW - 6	09/07/11	3,465.42	45.71	47.66	1.95	3,419.42
MW - 6	09/09/11	3,465.42	45.78	47.70	1.92	3,419.35
MW - 6	09/23/11	3,465.42	45.77	47.39	1.62	3,419.41
MW - 6	11/21/11	3,465.42	45.68	47.78	2.10	3,419.43
MW - 6	11/28/11	3,465.42	45.69	47.89	2.20	3,419.40
MW - 6	12/09/11	3,465.42	45.68	47.84	2.16	3,419.42
MW - 6	12/21/11	3,465.42	45.68	47.70	2.02	3,419.44
MW - 6	01/26/12	3,465.42	45.64	47.65	2.01	3,419.48
MW - 6	02/02/12	3,465.42	45.63	47.64	2.01	3,419.49
MW - 6	02/07/12	3,465.42	45.67	47.42	1.75	3,419.49
MW - 6	02/13/12	3,465.42	45.63	47.51	1.88	3,419.51
MW - 6	03/07/12	3,465.42	45.61	47.48	1.87	3,419.53
MW - 6	03/23/12	3,465.42	45.65	47.38	1.73	3,419.51

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	03/30/12	3,465.42	45.63	47.27	1.64	3,419.54
MW - 6	04/05/12	3,465.42	45.63	47.23	1.60	3,419.55
MW - 6	04/13/12	3,465.42	45.64	46.27	0.63	3,419.69
MW - 6	04/26/12	3,465.42	45.62	47.13	1.51	3,419.57
MW - 6	05/03/12	3,465.42	45.62	47.16	1.54	3,419.57
MW - 6	05/07/12	3,465.42	45.62	47.06	1.44	3,419.58
MW - 6	05/29/12	3,465.42	45.60	47.34	1.74	3,419.56
MW - 6	06/08/12	3,465.42	45.60	47.39	1.79	3,419.55
MW - 6	06/15/12	3,465.42	45.62	47.41	1.79	3,419.53
MW - 6	06/22/12	3,465.42	45.61	47.44	1.83	3,419.54
MW - 6	06/29/12	3,465.42	45.64	47.43	1.79	3,419.51
MW - 6	07/03/12	3,465.42	45.63	47.34	1.71	3,419.53
MW - 6	08/10/12	3,465.42	45.85	46.57	0.72	3,419.46
MW - 6	08/17/12	3,465.42	45.68	47.79	2.11	3,419.42
MW - 6	09/12/12	3,465.42	45.72	47.83	2.11	3,419.38
MW - 6	10/12/12	3,465.42	45.73	47.86	2.13	3,419.37
MW - 6	10/17/12	3,465.42	45.70	47.89	2.19	3,419.39
MW - 6	10/24/12	3,465.42	45.71	47.88	2.17	3,419.38
MW - 6	11/06/12	3,465.42	45.69	47.89	2.20	3,419.40
MW - 6	12/14/12	3,465.42	45.70	47.60	1.90	3,419.44
MW - 6	12/21/12	3,465.42	45.73	47.73	2.00	3,419.39
MW - 6	02/06/13	3,465.42	45.66	47.71	2.05	3,419.45
MW - 6	02/20/13	3,465.42	45.64	47.64	2.00	3,419.48
MW - 6	03/29/13	3,465.42	45.66	47.62	1.96	3,419.47
MW - 6	04/03/13	3,465.42	45.66	47.66	2.00	3,419.46
MW - 6	04/09/13	3,465.42	45.70	47.35	1.65	3,419.47
MW - 6	04/19/13	3,465.42	45.71	47.48	1.77	3,419.44
MW - 6	04/24/13	3,465.42	45.71	47.27	1.56	3,419.48
MW - 6	05/02/13	3,465.42	45.72	47.50	1.78	3,419.43
MW - 6	05/08/13	3,465.42	45.69	47.32	1.63	3,419.49
MW - 6	05/10/13	3,465.42	45.70	47.40	1.70	3,419.47
MW - 6	05/17/13	3,465.42	45.69	47.31	1.62	3,419.49
MW - 6	05/22/13	3,465.42	45.68	47.36	1.68	3,419.49
MW - 6	05/30/13	3,465.42	45.67	47.42	1.75	3,419.49
MW - 6	06/05/13	3,465.42	45.76	47.27	1.51	3,419.43
MW - 6	06/12/13	3,465.42	45.70	47.36	1.66	3,419.47
MW - 6	06/18/13	3,465.42	45.70	47.35	1.65	3,419.47
MW - 6	06/25/13	3,465.42	45.74	46.91	1.17	3,419.50
MW - 6	07/02/13	3,465.42	45.70	47.53	1.83	3,419.45
MW - 6	07/09/13	3,465.42	45.72	47.61	1.89	3,419.42

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	07/26/13	3,465.42	45.74	47.73	1.99	3,419.38
MW - 6	07/29/13	3,465.42	45.73	47.70	1.97	3,419.39
MW - 6	08/01/13	3,465.42	45.74	47.49	1.75	3,419.42
MW - 6	08/06/13	3,465.42	45.74	47.64	1.90	3,419.40
MW - 6	08/15/13	3,465.42	45.75	47.70	1.95	3,419.38
MW - 6	08/20/13	3,465.42	45.76	47.77	2.01	3,419.36
MW - 6	09/12/13	3,465.42	45.79	47.90	2.11	3,419.31
MW - 6	09/19/13	3,465.42	45.82	47.78	1.96	3,419.31
MW - 6	09/25/13	3,465.42	45.79	47.68	1.89	3,419.35
MW - 6	10/01/13	3,465.42	45.81	47.88	2.07	3,419.30
MW - 6	10/09/13	3,465.42	45.80	47.81	2.01	3,419.32
MW - 6	10/24/13	3,465.42	45.73	47.61	1.88	3,419.41
MW - 6	10/29/13	3,465.42	45.74	47.48	1.74	3,419.42
MW - 6	11/04/13	3,465.42	45.73	47.60	1.87	3,419.41
MW - 6	11/05/13	3,465.42	45.80	47.24	1.44	3,419.40
MW - 6	12/02/13	3,465.42	45.72	47.81	2.09	3,419.39
MW - 6	12/10/13	3,465.42	45.73	47.72	1.99	3,419.39
MW - 6	12/17/13	3,465.42	45.76	47.68	1.92	3,419.37
MW - 6	12/23/13	3,465.42	45.78	47.84	2.06	3,419.33
MW - 6	01/01/14	3,465.42	45.70	47.65	1.95	3,419.43
MW - 6	01/07/14	3,465.42	45.69	47.71	2.02	3,419.43
MW - 6	01/16/14	3,465.42	45.72	47.80	2.08	3,419.39
MW - 6	01/23/14	3,465.42	45.75	47.80	2.05	3,419.36
MW - 6	01/28/14	3,465.42	45.75	47.61	1.86	3,419.39
MW - 6	02/11/14	3,465.42	45.73	47.74	2.01	3,419.39
MW - 6	02/26/14	3,465.42	45.71	47.75	2.04	3,419.40
MW - 6	03/21/14	3,465.42	45.65	47.70	2.05	3,419.46
MW - 6	03/29/14	3,465.42	45.68	47.61	1.93	3,419.45
MW - 6	05/01/14	3,465.42	45.73	47.72	1.99	3,419.39
MW - 6	05/06/14	3,465.42	45.76	47.32	1.56	3,419.43
MW - 6	05/12/14	3,465.42	45.76	47.48	1.72	3,419.40
MW - 6	05/23/14	3,465.42	45.72	47.71	1.99	3,419.40
MW - 6	06/05/14	3,465.42	45.72	47.83	2.11	3,419.38
MW - 6	06/26/14	3,465.42	45.79	47.82	2.03	3,419.33
MW - 6	07/01/14	3,465.42	45.85	47.76	1.91	3,419.28
MW - 6	07/08/14	3,465.42	45.81	47.92	2.11	3,419.29
MW - 6	07/17/14	3,465.42	45.84	47.96	2.12	3,419.26
MW - 6	07/23/14	3,465.42	45.87	47.90	2.03	3,419.25
MW - 6	08/06/14	3,465.42	45.85	47.85	2.00	3,419.27
MW - 6	08/11/14	3,465.42	45.92	47.81	1.89	3,419.22

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	08/21/14	3,465.42	45.88	47.10	1.22	3,419.36
MW - 6	09/04/14	3,465.42	45.88	48.18	2.30	3,419.20
MW - 6	10/02/14	3,465.42	45.33	46.28	0.95	3,419.95
MW - 6	10/08/14	3,465.42	45.39	46.26	0.87	3,419.90
MW - 6	10/15/14	3,465.42	45.48	46.33	0.85	3,419.81
MW - 6	10/16/14	3,465.42	45.52	45.97	0.45	3,419.83
MW - 6	10/23/14	3,465.42	45.51	46.34	0.83	3,419.79
MW - 6	10/24/14	3,465.42	45.51	46.34	0.83	3,419.79
MW - 6	10/28/14	3,465.42	45.54	46.33	0.79	3,419.76
MW - 6	11/07/14	3,465.42	45.52	46.48	0.96	3,419.76
MW - 6	11/15/14	3,465.42	45.50	46.46	0.96	3,419.78
MW - 6	12/11/14	3,465.42	45.52	45.96	0.44	3,419.83
MW - 6	12/18/14	3,465.42	45.50	46.59	1.09	3,419.76
MW - 6	01/07/15	3,465.42	45.56	46.58	1.02	3,419.71
MW - 6	01/15/15	3,465.42	45.56	46.56	1.00	3,419.71
MW - 6	01/28/15	3,465.42	45.56	46.61	1.05	3,419.70
MW - 6	02/04/15	3,465.42	45.50	46.59	1.09	3,419.76
MW - 6	02/13/15	3,465.42	45.51	46.58	1.07	3,419.75
MW - 6	02/17/15	3,465.42	45.51	46.62	1.11	3,419.74
MW - 6	02/18/15	3,465.42	45.52	46.47	0.95	3,419.76
MW - 6	02/24/15	3,465.42	45.50	46.56	1.06	3,419.76
MW - 6	03/10/15	3,465.42	45.52	46.62	1.10	3,419.74
MW - 6	03/17/15	3,465.42	45.53	46.60	1.07	3,419.73
MW - 6	03/19/15	3,465.42	45.51	46.59	1.08	3,419.75
MW - 6	03/25/15	3,465.42	45.50	46.62	1.12	3,419.75
MW - 6	04/07/15	3,465.42	45.52	46.65	1.13	3,419.73
MW - 6	04/14/15	3,465.42	45.52	46.63	1.11	3,419.73
MW - 6	04/16/15	3,465.42	45.49	46.63	1.14	3,419.76
MW - 6	04/21/15	3,465.42	45.52	46.64	1.12	3,419.73
MW - 6	05/06/15	3,465.42	45.51	46.61	1.10	3,419.75
MW - 6	05/20/15	3,465.42	45.53	45.65	0.12	3,419.87
MW - 6	05/28/15	3,465.42	45.54	46.70	1.16	3,419.71
MW - 6	06/02/15	3,465.42	45.54	46.74	1.20	3,419.70
MW - 6	06/09/15	3,465.42	45.58	46.77	1.19	3,419.66
MW - 6	06/18/15	3,465.42	45.59	46.76	1.17	3,419.65
MW - 6	07/03/15	3,465.42	45.61	47.04	1.43	3,419.60
MW - 6	07/06/15	3,465.42	45.58	46.98	1.40	3,419.63
MW - 6	07/17/15	3,465.42	45.60	47.09	1.49	3,419.60
MW - 6	07/21/15	3,465.42	45.62	47.16	1.54	3,419.57
MW - 6	07/28/15	3,465.42	45.63	47.15	1.52	3,419.56

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	08/05/15	3,465.42	45.64	47.21	1.57	3,419.54
MW - 6	08/11/15	3,465.42	45.65	47.24	1.59	3,419.53
MW - 6	08/12/15	3,465.42	46.82	46.88	0.06	3,418.59
MW - 6	08/20/15	3,465.42	45.65	47.53	1.88	3,419.49
MW - 6	08/21/15	3,465.42	45.65	47.53	1.88	3,419.49
MW - 6	08/27/15	3,465.42	45.69	47.50	1.81	3,419.46
MW - 6	09/01/15	3,465.42	45.70	47.42	1.72	3,419.46
MW - 6	09/09/15	3,465.42	45.70	47.44	1.74	3,419.46
MW - 6	09/11/15	3,465.42	45.71	47.44	1.73	3,419.45
MW - 6	09/17/15	3,465.42	45.71	47.40	1.69	3,419.46
MW - 6	09/30/15	3,465.42	45.68	46.13	0.45	3,419.67
MW - 6	10/07/15	3,465.42	45.68	47.42	1.74	3,419.48
MW - 6	10/13/15	3,465.42	45.68	47.49	1.81	3,419.47
MW - 6	10/15/15	3,465.42	45.72	47.10	1.38	3,419.49
MW - 6	10/26/15	3,465.42	45.65	47.35	1.70	3,419.52
MW - 6	11/05/15	3,465.42	45.62	47.21	1.59	3,419.56
MW - 6	11/09/15	3,465.42	45.63	47.05	1.42	3,419.58
MW - 6	11/30/15	3,465.42	45.61	47.24	1.63	3,419.57
MW - 6	12/01/15	3,465.42	45.61	47.23	1.62	3,419.57
MW - 6	12/09/15	3,465.42	45.60	47.21	1.61	3,419.58
MW - 6	12/11/15	3,465.42	45.64	46.84	1.20	3,419.60
MW - 6	12/15/15	3,465.42	45.63	47.25	1.62	3,419.55
MW - 6	12/24/15	3,465.42	45.59	47.13	1.54	3,419.60
MW - 6	01/06/16	3,465.42	45.58	47.11	1.53	3,419.61
MW - 6	01/15/16	3,465.42	45.58	47.17	1.59	3,419.60
MW - 6	01/19/16	3,465.42	45.59	47.17	1.58	3,419.59
MW - 6	01/28/16	3,465.42	45.59	47.17	1.58	3,419.59
MW - 6	02/03/16	3,465.42	45.60	47.17	1.57	3,419.58
MW - 6	02/11/16	3,465.42	45.57	47.15	1.58	3,419.61
MW - 6	02/19/16	3,465.42	45.58	47.60	2.02	3,419.54
MW - 6	02/23/16	3,465.42	45.60	47.11	1.51	3,419.59
MW - 6	02/25/16	3,465.42	45.62	47.11	1.49	3,419.58
MW - 6	03/01/16	3,465.42	45.60	47.13	1.53	3,419.59
MW - 6	03/08/16	3,465.42	45.60	46.97	1.37	3,419.61
MW - 6	03/16/16	3,465.42	45.57	47.02	1.45	3,419.63
MW - 6	03/17/16	3,465.42	45.59	47.02	1.43	3,419.62
MW - 6	03/24/16	3,465.42	45.59	47.08	1.49	3,419.61
MW - 6	03/29/16	3,465.42	45.55	47.05	1.50	3,419.65
MW - 6	04/05/16	3,465.42	45.58	47.10	1.52	3,419.61
MW - 6	04/13/16	3,465.42	45.57	47.10	1.53	3,419.62

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	04/18/16	3,465.42	45.59	47.15	1.56	3,419.60
MW - 6	04/25/16	3,465.42	45.58	47.09	1.51	3,419.61
MW - 6	05/03/16	3,465.42	45.58	47.08	1.50	3,419.62
MW - 6	05/12/16	3,465.42	45.58	47.12	1.54	3,419.61
MW - 6	05/27/16	3,465.42	45.60	47.20	1.60	3,419.58
MW - 6	06/02/16	3,465.42	45.62	47.17	1.55	3,419.57
MW - 6	06/06/16	3,465.42	45.61	47.24	1.63	3,419.57
MW - 6	06/30/16	3,465.42	45.65	47.48	1.83	3,419.50
MW - 6	07/05/16	3,465.42	45.61	47.52	1.91	3,419.52
MW - 6	07/14/16	3,465.42	45.69	47.66	1.97	3,419.43
MW - 6	07/19/16	3,465.42	45.74	47.50	1.76	3,419.42
MW - 6	07/26/16	3,465.42	45.75	47.58	1.83	3,419.40
MW - 6	08/03/16	3,465.42	45.74	47.65	1.91	3,419.39
MW - 6	08/10/16	3,465.42	45.75	47.80	2.05	3,419.36
MW - 6	08/15/16	3,465.42	45.76	47.80	2.04	3,419.35
MW - 6	08/23/16	3,465.42	45.69	47.72	2.03	3,419.43
MW - 6	09/12/16	3,465.42	45.57	46.97	1.40	3,419.64
MW - 6	10/07/16	3,465.42	45.45	46.42	0.97	3,419.82
MW - 6	10/12/16	3,465.42	45.46	46.43	0.97	3,419.81
MW - 6	10/19/16	3,465.42	45.51	46.48	0.97	3,419.76
MW - 6	10/28/16	3,465.42	45.52	46.55	1.03	3,419.75
MW - 6	11/03/16	3,465.42	45.53	46.58	1.05	3,419.73
MW - 6	11/11/16	3,465.42	45.53	46.65	1.12	3,419.72
MW - 6	11/15/16	3,465.42	45.50	46.64	1.14	3,419.75
MW - 6	12/01/16	3,465.42	45.53	46.75	1.22	3,419.71
MW - 6	12/06/16	3,465.42	45.59	46.79	1.20	3,419.65
MW - 6	12/13/16	3,465.42	45.54	46.81	1.27	3,419.69
MW - 6	12/21/16	3,465.42	45.54	46.83	1.29	3,419.69
MW - 6	12/28/16	3,465.42	45.53	46.82	1.29	3,419.70
MW - 6	01/03/17	3,465.42	45.54	46.88	1.34	3,419.68
MW - 6	01/09/17	3,465.42	45.55	46.88	1.33	3,419.67
MW - 6	01/17/17	3,465.42	45.54	46.84	1.30	3,419.69
MW - 6	01/25/17	3,465.42	45.57	46.90	1.33	3,419.65
MW - 6	02/01/17	3,465.42	45.54	46.88	1.34	3,419.68
MW - 6	02/07/17	3,465.42	45.55	46.89	1.34	3,419.67
MW - 6	02/16/17	3,465.42	45.55	46.81	1.26	3,419.68
MW - 6	02/23/17	3,465.42	45.55	46.78	1.23	3,419.69
MW - 6	03/03/17	3,465.42	45.57	46.86	1.29	3,419.66
MW - 6	03/07/17	3,465.42	45.57	46.72	1.15	3,419.68
MW - 6	03/14/17	3,465.42	45.54	46.74	1.20	3,419.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	03/24/17	3,465.42	45.56	46.78	1.22	3,419.68
MW - 6	03/30/17	3,465.42	45.53	46.80	1.27	3,419.70
MW - 6	04/04/17	3,465.42	45.52	46.75	1.23	3,419.72
MW - 6	04/11/17	3,465.42	45.56	46.88	1.32	3,419.66
MW - 6	04/21/17	3,465.42	45.53	46.79	1.26	3,419.70
MW - 6	04/27/17	3,465.42	45.54	46.74	1.20	3,419.70
MW - 6	05/04/17	3,465.42	45.56	46.77	1.21	3,419.68
MW - 6	05/09/17	3,465.42	45.56	46.81	1.25	3,419.67
MW - 6	05/18/17	3,465.42	45.55	46.80	1.25	3,419.68
MW - 6	05/25/17	3,465.42	45.56	46.77	1.21	3,419.68
MW - 6	06/02/17	3,465.42	45.57	46.71	1.14	3,419.68
MW - 6	06/07/17	3,465.42	45.60	46.84	1.24	3,419.63
MW - 6	06/13/17	3,465.42	45.59	46.51	0.92	3,419.69
MW - 6	06/20/17	3,465.42	45.67	47.16	1.49	3,419.53
MW - 6	07/06/17	3,465.42	45.61	47.14	1.53	3,419.58
MW - 6	07/13/17	3,465.42	45.63	45.89	0.26	3,419.75
MW - 6	07/18/17	3,465.42	45.64	47.24	1.60	3,419.54
MW - 6	08/10/17	3,465.42	45.60	45.77	0.17	3,419.79
MW - 6	08/18/17	3,465.42	45.68	47.48	1.80	3,419.47
MW - 6	08/23/17	3,465.42	45.70	45.86	0.16	3,419.70
MW - 6	09/01/17	3,465.42	45.67	45.95	0.28	3,419.71
MW - 6	09/07/17	3,465.42	45.69	47.59	1.90	3,419.45
MW - 6	09/14/17	3,465.42	45.68	47.45	1.77	3,419.47
MW - 6	09/21/17	3,465.42	45.72	47.48	1.76	3,419.44
MW - 6	10/09/17	3,465.42	45.69	46.57	0.88	3,419.60
MW - 6	10/20/17	3,465.42	45.71	47.52	1.81	3,419.44
MW - 6	10/26/17	3,465.42	45.73	47.69	1.96	3,419.40
MW - 6	10/31/17	3,465.42	45.51	47.69	2.18	3,419.58
MW - 6	11/17/17	3,465.42	45.71	47.61	1.90	3,419.43
MW - 6	11/29/17	3,465.42	45.72	47.65	1.93	3,419.41
MW - 6	12/08/17	3,465.42	45.72	47.71	1.99	3,419.40
MW - 6	12/15/17	3,465.42	45.75	47.63	1.88	3,419.39
MW - 6	12/21/17	3,465.42	45.75	47.48	1.73	3,419.41
MW - 6	12/26/17	3,465.42	45.79	47.45	1.66	3,419.38
MW - 6	01/04/18	3,465.42	45.76	47.63	1.87	3,419.38
MW - 6	01/15/18	3,465.42	45.80	47.39	1.59	3,419.38
MW - 6	01/26/18	3,465.42	45.78	47.63	1.85	3,419.36
MW - 6	02/02/18	3,465.42	45.78	47.62	1.84	3,419.36
MW - 6	02/09/18	3,465.42	45.76	47.52	1.76	3,419.40
MW - 6	02/16/18	3,465.42	45.80	47.58	1.78	3,419.35

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	02/23/18	3,465.42	45.81	47.53	1.72	3,419.35
MW - 6	02/28/18	3,465.42	45.81	47.44	1.63	3,419.37
MW - 6	03/05/18	3,465.42	45.83	47.39	1.56	3,419.36
MW - 6	03/16/18	3,465.42	45.80	47.63	1.83	3,419.35
MW - 6	03/28/18	3,465.42	45.80	47.50	1.70	3,419.37
MW - 6	04/06/18	3,465.42	45.80	47.60	1.80	3,419.35
MW - 6	04/11/18	3,465.42	45.81	47.40	1.59	3,419.37
MW - 6	04/18/18	3,465.42	45.85	47.52	1.67	3,419.32
MW - 6	04/25/18	3,465.42	45.86	47.53	1.67	3,419.31
MW - 6	05/04/18	3,465.42	45.84	47.60	1.76	3,419.32
MW - 6	05/10/18	3,465.42	45.84	47.48	1.64	3,419.33
MW - 6	05/18/18	3,465.42	45.84	47.62	1.78	3,419.31
MW - 6	05/24/18	3,465.42	45.85	47.58	1.73	3,419.31
MW - 6	06/01/18	3,465.42	45.82	47.83	2.01	3,419.30
MW - 6	06/14/18	3,465.42	45.82	47.87	2.05	3,419.29
MW - 6	06/22/18	3,465.42	45.84	47.85	2.01	3,419.28
MW - 6	06/28/18	3,465.42	45.88	47.66	1.78	3,419.27
MW - 6	07/03/18	3,465.42	45.90	47.71	1.81	3,419.25
MW - 6	07/12/18	3,465.42	45.91	47.53	1.62	3,419.27
MW - 6	07/20/18	3,465.42	45.94	47.99	2.05	3,419.17
MW - 6	07/25/18	3,465.42	45.95	47.88	1.93	3,419.18
MW - 6	08/08/18	3,465.42	45.94	48.20	2.26	3,419.14
MW - 6	08/21/18	3,465.42	45.95	48.21	2.26	3,419.13
MW - 6	08/28/18	3,465.42	45.96	48.35	2.39	3,419.10
MW - 6	09/13/18	3,465.42	45.98	48.38	2.40	3,419.08
MW - 6	09/18/18	3,465.42	46.03	48.11	2.08	3,419.08
MW - 6	09/26/18	3,465.42	46.06	48.10	2.04	3,419.05
MW - 6	10/10/18	3,465.42	45.99	48.27	2.28	3,419.09
MW - 6	10/03/18	3,465.42	46.05	48.00	1.95	3,419.08
MW - 6	11/08/18	3,465.42	45.98	48.53	2.55	3,419.06
MW - 6	11/19/18	3,465.42	46.01	48.30	2.29	3,419.07
MW - 6	12/05/18	3,465.42	46.01	48.32	2.31	3,419.06
MW - 6	12/17/18	3,465.42	46.02	48.24	2.22	3,419.07
MW - 6	12/31/18	3,465.42	46.01	48.12	2.11	3,419.09
MW - 6	01/18/19	3,465.42	45.99	48.29	2.30	3,419.09
MW - 6	02/08/19	3,465.42	45.99	48.39	2.40	3,419.07
MW - 6	03/08/19	3,465.42	45.97	48.20	2.23	3,419.12
MW - 6	04/03/19	3,465.42	45.96	48.09	2.13	3,419.14
MW - 6	04/15/19	3,465.42	45.94	47.93	1.99	3,419.18
MW - 6	05/01/19	3,465.42	45.92	47.93	2.01	3,419.20

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	05/15/19	3,465.42	45.91	47.84	1.93	3,419.22
MW - 6	05/21/19	3,465.42	45.93	47.66	1.73	3,419.23
MW - 6	05/27/19	3,465.42	45.90	47.78	1.88	3,419.24
MW - 6	06/21/19	3,465.42	45.86	47.93	2.07	3,419.25
MW - 6	07/02/19	3,465.42	45.92	48.00	2.08	3,419.19
MW - 6	07/17/19	3,465.42	45.95	48.17	2.22	3,419.14
MW - 6	07/30/19	3,465.42	46.00	48.13	2.13	3,419.10
MW - 6	08/09/19	3,465.42	46.03	48.13	2.10	3,419.08
MW - 6	08/21/19	3,465.42	46.01	48.43	2.42	3,419.05
MW - 6	10/25/19	3,465.42	45.78	48.12	2.34	3,419.29
MW - 6	11/05/19	3,465.42	46.01	48.04	2.03	3,419.11
MW - 6	12/10/19	3,465.42	45.83	48.03	2.20	3,419.26
MW - 6	12/16/19	3,465.42	45.42	48.12	2.70	3,419.60
MW - 6	01/02/20	3,465.42	45.84	47.95	2.11	3,419.26
MW - 6	01/10/20	3,465.42	45.87	47.63	1.76	3,419.29
MW - 6	01/21/20	3,465.42	45.87	47.64	1.77	3,419.28
MW - 6	02/04/20	3,465.42	45.87	47.75	1.88	3,419.27
MW - 6	02/18/20	3,465.42	45.86	47.72	1.86	3,419.28
MW - 6	02/25/20	3,465.42	45.90	47.52	1.62	3,419.28
MW - 6	06/03/20	3,465.42	45.78	48.03	2.25	3,419.30
MW - 6	09/21/20	3,465.42	45.99	48.82	2.83	3,419.01
MW - 6	10/12/20	3,465.42	46.00	48.90	2.90	3,418.99
MW - 6	11/13/20	3,465.42	46.02	48.79	2.77	3,418.98
MW - 7	03/08/00	3,466.22	-	46.84	0.00	3,419.38
MW - 7	05/12/00	3,466.22	-	46.90	0.00	3,419.32
MW - 7	09/11/00	3,466.22	-	46.86	0.00	3,419.36
MW - 7	12/11/00	3,466.22	-	46.91	0.00	3,419.31
MW - 7	03/19/01	3,466.22	-	46.84	0.00	3,419.38
MW - 7	05/30/01	3,466.22	-	46.84	0.00	3,419.38
MW - 7	09/25/01	3,466.22	-	47.07	0.00	3,419.15
MW - 7	11/20/01	3,466.22	-	47.08	0.00	3,419.14
MW - 7	02/20/02	3,466.22	-	47.03	0.00	3,419.19
MW - 7	06/25/02	3,466.22	-	47.11	0.00	3,419.11
MW - 7	09/17/02	3,466.22	-	47.08	0.00	3,419.14
MW - 7	11/20/02	3,466.22	-	47.09	0.00	3,419.13
MW - 7	01/21/03	3,466.22	-	46.98	0.00	3,419.24
MW - 7	02/10/03	3,466.22	-	46.98	0.00	3,419.24
MW - 7	05/15/03	3,466.22	-	47.00	0.00	3,419.22
MW - 7	08/26/03	3,466.22	-	47.17	0.00	3,419.05

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	11/24/03	3,466.22	-	47.24	0.00	3,418.98
MW - 7	02/18/04	3,466.22	-	47.19	0.00	3,419.03
MW - 7	05/12/04	3,466.22	-	46.96	0.00	3,419.26
MW - 7	08/23/04	3,466.22	-	46.45	0.00	3,419.77
MW - 7	12/07/04	3,466.22	-	45.90	0.00	3,420.32
MW - 7	03/09/05	3,466.22	-	46.00	0.00	3,420.22
MW - 7	06/09/05	3,466.22	-	46.01	0.00	3,420.21
MW - 7	08/09/05	3,466.22	-	45.76	0.00	3,420.46
MW - 7	09/01/05	3,466.22	-	45.77	0.00	3,420.45
MW - 7	09/08/05	3,466.22	-	45.81	0.00	3,420.41
MW - 7	09/13/05	PLUGGED & ABANDONED				
MW - 8	03/08/00	3,467.61	-	48.48	0.00	3,419.13
MW - 8	05/12/00	3,467.61	-	48.53	0.00	3,419.08
MW - 8	09/11/00	3,467.61	-	48.48	0.00	3,419.13
MW - 8	12/11/00	3,467.61	-	48.55	0.00	3,419.06
MW - 8	03/19/01	3,467.61	-	48.48	0.00	3,419.13
MW - 8	05/30/01	3,467.61	-	48.52	0.00	3,419.09
MW - 8	09/25/01	3,467.61	-	48.69	0.00	3,418.92
MW - 8	11/20/01	3,467.61	-	48.71	0.00	3,418.90
MW - 8	02/20/02	3,467.61	-	48.68	0.00	3,418.93
MW - 8	06/25/02	3,467.61	-	48.74	0.00	3,418.87
MW - 8	09/17/02	3,467.61	-	48.73	0.00	3,418.88
MW - 8	11/20/02	3,467.61	-	48.71	0.00	3,418.90
MW - 8	01/21/03	3,467.61	-	48.61	0.00	3,419.00
MW - 8	02/10/03	3,467.61	-	48.60	0.00	3,419.01
MW - 8	05/15/03	3,467.61	-	48.63	0.00	3,418.98
MW - 8	08/26/03	3,467.61	-	48.81	0.00	3,418.80
MW - 8	11/24/03	3,467.61	-	48.89	0.00	3,418.72
MW - 8	02/18/04	3,467.61	-	48.83	0.00	3,418.78
MW - 8	05/12/04	3,467.61	-	48.57	0.00	3,419.04
MW - 8	08/23/04	3,467.61	-	48.09	0.00	3,419.52
MW - 8	12/07/04	3,467.61	-	47.49	0.00	3,420.12
MW - 8	03/09/05	3,467.61	-	47.58	0.00	3,420.03
MW - 8	06/09/05	3,467.61	-	47.64	0.00	3,419.97
MW - 8	08/09/05	3,467.61	-	47.47	0.00	3,420.14
MW - 8	09/01/05	3,467.61	-	47.34	0.00	3,420.27
MW - 8	09/08/05	3,467.61	-	47.44	0.00	3,420.17
MW - 8	12/01/05	3,467.61	-	47.63	0.00	3,419.98
MW - 8	03/07/06	3,467.61	-	47.68	0.00	3,419.93

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	06/06/06	3,467.61	-	47.76	0.00	3,419.85
MW - 8	09/15/06	3,467.61	-	47.71	0.00	3,419.90
MW - 8	11/20/06	3,467.61	-	47.78	0.00	3,419.83
MW - 8	02/23/07	3,467.61	-	47.78	0.00	3,419.83
MW - 8	05/18/07	3,467.61	-	47.75	0.00	3,419.86
MW - 8	08/21/07	3,467.61	-	47.82	0.00	3,419.79
MW - 8	11/05/07	3,467.61	-	47.83	0.00	3,419.78
MW - 8	02/08/08	3,467.61	-	47.81	0.00	3,419.80
MW - 8	05/08/08	3,467.61	-	47.77	0.00	3,419.84
MW - 8	08/13/08	3,467.61	-	47.94	0.00	3,419.67
MW - 8	11/06/08	3,467.61	-	47.97	0.00	3,419.64
MW - 8	02/04/09	3,467.61	-	47.99	0.00	3,419.62
MW - 8	05/08/09	3,467.61	-	47.88	0.00	3,419.73
MW - 8	08/05/09	3,467.61	-	47.96	0.00	3,419.65
MW - 8	11/16/09	3,467.61	-	48.10	0.00	3,419.51
MW - 8	01/06/10	3,467.61	-	48.03	0.00	3,419.58
MW - 8	02/08/10	3,467.61	-	48.03	0.00	3,419.58
MW - 8	05/11/10	3,467.61	-	48.02	0.00	3,419.59
MW - 8	08/10/10	3,467.61	-	48.02	0.00	3,419.59
MW - 8	11/09/10	3,467.61	-	48.09	0.00	3,419.52
MW - 8	02/15/11	3,467.61	-	48.11	0.00	3,419.50
MW - 8	05/05/11	3,467.61	-	48.10	0.00	3,419.51
MW - 8	08/04/11	3,467.61	-	48.13	0.00	3,419.48
MW - 8	11/21/11	3,467.61	-	48.28	0.00	3,419.33
MW - 8	02/13/12	3,467.61	-	48.21	0.00	3,419.40
MW - 8	05/29/12	3,467.61	-	48.16	0.00	3,419.45
MW - 8	08/10/12	3,467.61	-	48.26	0.00	3,419.35
MW - 8	11/06/12	3,467.61	-	48.32	0.00	3,419.29
MW - 8	02/06/13	3,467.61	-	48.24	0.00	3,419.37
MW - 8	05/08/13	3,467.61	-	48.23	0.00	3,419.38
MW - 8	08/01/13	3,467.61	-	48.31	0.00	3,419.30
MW - 8	11/05/13	3,467.61	-	48.27	0.00	3,419.34
MW - 8	02/26/14	3,467.61	-	48.28	0.00	3,419.33
MW - 8	05/12/14	3,467.61	-	48.28	0.00	3,419.33
MW - 8	07/23/14	3,467.61	-	48.43	0.00	3,419.18
MW - 8	08/11/14	3,467.61	-	48.47	0.00	3,419.14
MW - 8	10/28/14	3,467.61	-	47.97	0.00	3,419.64
MW - 8	11/15/14	3,467.61	-	47.94	0.00	3,419.67
MW - 8	02/18/15	3,467.61	-	47.95	0.00	3,419.66
MW - 8	03/19/15	3,467.61	-	47.95	0.00	3,419.66

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	04/16/15	3,467.61	-	47.94	0.00	3,419.67
MW - 8	05/28/15	3,467.61	-	47.97	0.00	3,419.64
MW - 8	07/21/15	3,467.61	-	48.15	0.00	3,419.46
MW - 8	08/20/15	3,467.61	-	48.22	0.00	3,419.39
MW - 8	09/11/15	3,467.61	-	48.24	0.00	3,419.37
MW - 8	10/15/15	3,467.61	-	48.21	0.00	3,419.40
MW - 8	11/30/15	3,467.61	-	48.12	0.00	3,419.49
MW - 8	12/11/15	3,467.61	-	48.08	0.00	3,419.53
MW - 8	01/19/16	3,467.61	-	48.08	0.00	3,419.53
MW - 8	02/25/16	3,467.61	-	48.11	0.00	3,419.50
MW - 8	03/17/16	3,467.61	-	48.08	0.00	3,419.53
MW - 8	04/13/16	3,467.61	-	48.07	0.00	3,419.54
MW - 8	06/02/16	3,467.61	-	48.14	0.00	3,419.47
MW - 8	06/30/16	3,467.61	-	48.22	0.00	3,419.39
MW - 8	07/26/16	3,467.61	-	48.29	0.00	3,419.32
MW - 8	08/23/16	3,467.61	-	48.26	0.00	3,419.35
MW - 8	09/12/16	3,467.61	-	48.06	0.00	3,419.55
MW - 8	10/12/16	3,467.61	-	47.93	0.00	3,419.68
MW - 8	12/01/16	3,467.61	-	47.99	0.00	3,419.62
MW - 8	12/28/16	3,467.61	-	48.01	0.00	3,419.60
MW - 8	01/25/17	3,467.61	-	48.07	0.00	3,419.54
MW - 8	02/23/17	3,467.61	-	47.98	0.00	3,419.63
MW - 8	03/30/17	3,467.61	-	48.01	0.00	3,419.60
MW - 8	04/11/17	3,467.61	-	48.02	0.00	3,419.59
MW - 8	05/04/17	3,467.61	-	48.02	0.00	3,419.59
MW - 8	06/07/17	3,467.61	-	48.08	0.00	3,419.53
MW - 8	07/06/17	3,467.61	-	48.13	0.00	3,419.48
MW - 8	08/23/17	3,467.61	-	48.22	0.00	3,419.39
MW - 8	10/09/17	3,467.61	-	48.26	0.00	3,419.35
MW - 8	11/29/17	3,467.61	-	48.29	0.00	3,419.32
MW - 8	12/26/17	3,467.61	-	48.32	0.00	3,419.29
MW - 8	02/28/18	3,467.61	-	48.32	0.00	3,419.29
MW - 8	05/24/18	3,467.61	-	48.39	0.00	3,419.22
MW - 8	06/28/18	3,467.61	-	48.43	0.00	3,419.18
MW - 8	08/21/18	3,467.61	-	48.55	0.00	3,419.06
MW - 8	12/05/18	3,467.61	-	48.59	0.00	3,419.02
MW - 8	12/31/18	3,467.61	-	48.62	0.00	3,418.99
MW - 8	01/18/19	3,467.61	-	48.58	0.00	3,419.03
MW - 8	02/25/19	3,467.61	-	48.58	0.00	3,419.03
MW - 8	05/21/19	3,467.61	-	48.46	0.00	3,419.15

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	07/02/19	3,467.61	-	48.49	0.00	3,419.12
MW - 8	07/30/19	3,467.61	-	48.56	0.00	3,419.05
MW - 8	08/21/19	3,467.61	-	48.60	0.00	3,419.01
MW - 8	12/10/19	3,467.61	-	48.41	0.00	3,419.01
MW - 8	01/21/20	3,467.61	-	48.41	0.00	3,419.01
MW - 8	02/25/20	3,467.61	-	48.40	0.00	3,419.21
MW - 8	06/02/20	3,467.61	-	48.37	0.00	3,419.24
MW - 8	09/21/20	3,467.61	-	48.65	0.00	3,418.96
MW - 8	11/13/20	3,467.61	-	48.68	0.00	3,419.01
MW - 9	01/06/03	3465.74	-	46.64	0.00	3,419.10
MW - 9	01/10/03	3465.74	-	46.62	0.00	3,419.12
MW - 9	01/21/03	3465.74	-	46.59	0.00	3,419.15
MW - 9	02/10/03	3465.74	-	46.52	0.00	3,419.22
MW - 9	05/15/03	3465.74	-	46.61	0.00	3,419.13
MW - 9	08/26/03	3465.74	-	46.80	0.00	3,418.94
MW - 9	11/24/03	3465.74	-	46.86	0.00	3,418.88
MW - 9	02/18/04	3465.74	-	46.81	0.00	3,418.93
MW - 9	05/12/04	3465.74	-	46.60	0.00	3,419.14
MW - 9	08/23/04	3465.74	-	46.09	0.00	3,419.65
MW - 9	12/04/04	3,465.74	-	45.53	0.00	3,420.21
MW - 9	03/09/05	3,465.74	-	45.62	0.00	3,420.12
MW - 9	06/09/05	3,465.74	-	45.66	0.00	3,420.08
MW - 9	08/09/05	3,465.74	-	45.51	0.00	3,420.23
MW - 9	09/01/05	3,465.74	-	45.44	0.00	3,420.30
MW - 9	09/08/05	3,465.74	-	45.48	0.00	3,420.26
MW - 9	12/01/05	3,465.74	-	45.63	0.00	3,420.11
MW - 9	03/07/06	3,465.74	-	45.69	0.00	3,420.05
MW - 9	06/06/06	3,465.74	-	45.74	0.00	3,420.00
MW - 9	09/15/06	3,465.74	-	45.72	0.00	3,420.02
MW - 9	11/20/06	3,465.74	-	45.78	0.00	3,419.96
MW - 9	02/23/07	3,465.74	-	45.75	0.00	3,419.99
MW - 9	05/18/07	3,465.74	-	45.75	0.00	3,419.99
MW - 9	08/21/07	3,465.74	-	45.77	0.00	3,419.97
MW - 9	11/05/07	3,465.74	-	45.79	0.00	3,419.95
MW - 9	02/08/08	3,465.74	-	45.80	0.00	3,419.94
MW - 9	05/08/08	3,465.74	-	45.72	0.00	3,420.02
MW - 9	08/13/08	3,465.74	-	46.39	0.00	3,419.35
MW - 9	11/06/08	3,465.74	-	45.94	0.00	3,419.80
MW - 9	02/04/09	3,465.74	-	45.94	0.00	3,419.80

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	05/08/09	3,465.74	-	45.85	0.00	3,419.89
MW - 9	08/05/09	3,465.74	-	45.95	0.00	3,419.79
MW - 9	11/16/09	3,465.74	-	46.06	0.00	3,419.68
MW - 9	01/06/10	3,465.74	-	46.00	0.00	3,419.74
MW - 9	02/08/10	3,465.74	-	46.00	0.00	3,419.74
MW - 9	05/11/10	3,465.74	-	46.01	0.00	3,419.73
MW - 9	08/10/10	3,465.74	-	46.03	0.00	3,419.71
MW - 9	11/09/10	3,465.74	-	46.06	0.00	3,419.68
MW - 9	02/15/11	3,465.74	-	46.10	0.00	3,419.64
MW - 9	05/05/11	3,465.74	-	46.08	0.00	3,419.66
MW - 9	08/04/11	3,465.74	-	46.11	0.00	3,419.63
MW - 9	11/21/11	3,465.74	-	46.28	0.00	3,419.46
MW - 9	02/13/12	3,465.74	-	46.20	0.00	3,419.54
MW - 9	05/29/12	3,465.74	-	46.14	0.00	3,419.60
MW - 9	08/10/12	3,465.74	-	46.27	0.00	3,419.47
MW - 9	11/06/12	3,465.74	-	46.29	0.00	3,419.45
MW - 9	02/06/13	3,465.74	-	46.22	0.00	3,419.52
MW - 9	05/08/13	3,465.74	-	46.20	0.00	3,419.54
MW - 9	08/01/13	3,465.74	-	46.31	0.00	3,419.43
MW - 9	11/05/13	3,465.74	-	46.30	0.00	3,419.44
MW - 9	02/26/14	3,465.74	-	46.27	0.00	3,419.47
MW - 9	05/12/14	3,465.74	-	46.31	0.00	3,419.43
MW - 9	07/23/14	3,465.74	-	46.42	0.00	3,419.32
MW - 9	08/11/14	3,465.74	-	46.48	0.00	3,419.26
MW - 9	10/28/14	3,465.74	-	45.99	0.00	3,419.75
MW - 9	11/15/14	3,465.74	-	45.97	0.00	3,419.77
MW - 9	02/18/15	3,465.74	-	45.95	0.00	3,419.79
MW - 9	03/19/15	3,465.74	-	45.96	0.00	3,419.78
MW - 9	04/16/15	3,465.74	-	45.95	0.00	3,419.79
MW - 9	05/28/15	3,465.74	-	45.96	0.00	3,419.78
MW - 9	07/21/15	3,465.74	-	46.12	0.00	3,419.62
MW - 9	08/20/15	3,465.74	-	46.21	0.00	3,419.53
MW - 9	09/11/15	3,465.74	-	46.22	0.00	3,419.52
MW - 9	10/15/15	3,465.74	-	46.19	0.00	3,419.55
MW - 9	11/30/15	3,465.74	-	46.13	0.00	3,419.61
MW - 9	12/11/15	3,465.74	-	46.11	0.00	3,419.63
MW - 9	01/19/16	3,465.74	-	46.08	0.00	3,419.66
MW - 9	02/25/16	3,465.74	-	46.11	0.00	3,419.63
MW - 9	03/17/16	3,465.74	-	46.08	0.00	3,419.66
MW - 9	04/13/16	3,465.74	-	46.05	0.00	3,419.69

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	06/02/16	3,465.74	-	46.13	0.00	3,419.61
MW - 9	06/30/16	3,465.74	-	46.20	0.00	3,419.54
MW - 9	07/26/16	3,465.74	-	46.29	0.00	3,419.45
MW - 9	08/23/16	3,465.74	-	46.28	0.00	3,419.46
MW - 9	09/12/16	3,465.74	-	46.10	0.00	3,419.64
MW - 9	10/12/16	3,465.74	-	45.96	0.00	3,419.78
MW - 9	12/01/16	3,465.74	-	46.00	0.00	3,419.74
MW - 9	12/28/16	3,465.74	-	46.03	0.00	3,419.71
MW - 9	01/25/17	3,465.74	-	46.06	0.00	3,419.68
MW - 9	02/23/17	3,465.74	-	46.00	0.00	3,419.74
MW - 9	03/30/17	3,465.74	-	46.02	0.00	3,419.72
MW - 9	04/11/17	3,465.74	-	46.03	0.00	3,419.71
MW - 9	05/04/17	3,465.74	-	46.04	0.00	3,419.70
MW - 9	06/07/17	3,465.74	-	46.07	0.00	3,419.67
MW - 9	07/06/17	3,465.74	-	46.12	0.00	3,419.62
MW - 9	08/23/17	3,465.74	-	46.22	0.00	3,419.52
MW - 9	10/09/17	3,465.74	-	46.25	0.00	3,419.49
MW - 9	11/29/17	3,465.74	-	46.26	0.00	3,419.48
MW - 9	12/26/17	3,465.74	-	46.29	0.00	3,419.45
MW - 9	02/28/18	3,465.74	-	46.31	0.00	3,419.43
MW - 9	05/24/18	3,465.74	-	46.37	0.00	3,419.37
MW - 9	06/28/18	3,465.74	-	46.44	0.00	3,419.30
MW - 9	08/21/18	3,465.74	-	46.57	0.00	3,419.17
MW - 9	12/05/18	3,465.74	-	46.59	0.00	3,419.15
MW - 9	12/31/18	3,465.74	-	46.61	0.00	3,419.13
MW - 9	01/18/19	3,465.74	-	46.59	0.00	3,419.15
MW - 9	02/25/19	3,465.74	-	46.57	0.00	3,419.17
MW - 9	05/21/19	3,465.74	-	46.46	0.00	3,419.28
MW - 9	07/02/19	3,465.74	-	46.52	0.00	3,419.22
MW - 9	07/30/19	3,465.74	-	46.60	0.00	3,419.14
MW - 9	08/21/19	3,465.74	-	46.63	0.00	3,419.11
MW - 9	12/10/19	3,465.74	-	46.43	0.00	3,419.31
MW - 9	01/21/20	3,465.74	-	46.42	0.00	3,419.32
MW - 9	02/25/20	3,465.74	-	46.40	0.00	3,419.34
MW - 9	06/02/20	3,465.74	-	46.38	0.00	3,419.36
MW - 9	06/18/20	3,465.74	-	46.41	0.00	3,419.33
MW - 9	09/21/20	3,465.74	-	46.68	0.00	3,419.06
MW - 9	11/13/20	3,465.74	-	46.69	0.00	3,419.05
MW - 10	01/06/03	3466.15	-	47.12	0.00	3,419.03

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	01/10/03	3466.15	-	47.11	0.00	3,419.04
MW - 10	01/21/03	3466.15	-	47.09	0.00	3,419.06
MW - 10	02/10/03	3466.15	-	47.07	0.00	3,419.08
MW - 10	05/15/03	3466.15	-	47.11	0.00	3,419.04
MW - 10	08/26/03	3466.15	-	47.30	0.00	3,418.85
MW - 10	11/24/03	3466.15	-	47.37	0.00	3,418.78
MW - 10	02/18/04	3466.15	-	47.32	0.00	3,418.83
MW - 10	05/12/04	3466.15	-	47.07	0.00	3,419.08
MW - 10	08/23/04	3466.15	-	46.57	0.00	3,419.58
MW - 10	12/07/04	3,466.15	-	45.98	0.00	3,420.17
MW - 10	03/09/05	3,466.15	-	46.09	0.00	3,420.06
MW - 10	06/09/05	3,466.15	-	46.12	0.00	3,420.03
MW - 10	08/09/05	3,466.15	-	45.64	0.00	3,420.51
MW - 10	09/01/05	3,466.15	-	45.82	0.00	3,420.33
MW - 10	09/08/05	3,466.15	-	45.90	0.00	3,420.25
MW - 10	09/13/05	PLUGGED & ABANDONED				
MW - 11	01/06/03	3466.22	-	47.23	0.00	3,418.99
MW - 11	01/10/03	3466.22	-	47.20	0.00	3,419.02
MW - 11	01/21/03	3466.22	-	47.18	0.00	3,419.04
MW - 11	02/10/03	3467.22	-	47.16	0.00	3,420.06
MW - 11	05/15/03	3466.22	-	47.19	0.00	3,419.03
MW - 11	08/26/03	3466.22	-	47.36	0.00	3,418.86
MW - 11	11/24/03	3466.22	-	47.42	0.00	3,418.80
MW - 11	02/18/04	3466.22	-	47.39	0.00	3,418.83
MW - 11	05/12/04	3466.22	-	47.18	0.00	3,419.04
MW - 11	08/23/04	3466.22	-	46.69	0.00	3,419.53
MW - 11	12/07/04	3466.22	-	46.12	0.00	3,420.10
MW - 11	03/09/05	3466.22	-	46.20	0.00	3,420.02
MW - 11	06/09/05	3466.22	-	46.23	0.00	3,419.99
MW - 11	08/09/05	3466.22	-	46.14	0.00	3,420.08
MW - 11	09/01/05	3466.22	-	46.03	0.00	3,420.19
MW - 11	09/08/05	3466.22	-	46.07	0.00	3,420.15
MW - 11	09/13/05	PLUGGED & ABANDONED				
MW - 12	01/06/03	3466.69	-	47.79	0.00	3,418.90
MW - 12	01/10/03	3466.69	-	47.76	0.00	3,418.93
MW - 12	01/21/03	3466.69	-	47.75	0.00	3,418.94
MW - 12	02/10/03	3466.69	-	47.73	0.00	3,418.96
MW - 12	05/15/03	3466.69	-	47.76	0.00	3,418.93

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 12	08/26/03	3466.69	-	47.94	0.00	3,418.75
MW - 12	11/24/03	3466.69	-	47.99	0.00	3,418.70
MW - 12	02/18/04	3466.69	-	47.95	0.00	3,418.74
MW - 12	05/12/04	3466.69	-	47.74	0.00	3,418.95
MW - 12	08/23/04	3466.69	-	47.23	0.00	3,419.46
MW - 12	12/07/04	3466.69	-	46.67	0.00	3,420.02
MW - 12	03/09/05	3466.69	-	46.74	0.00	3,419.95
MW - 12	06/09/05	3466.69	-	46.78	0.00	3,419.91
MW - 12	08/09/05	3466.69	-	46.65	0.00	3,420.04
MW - 12	09/01/05	3466.69	-	46.54	0.00	3,420.15
MW - 12	09/08/05	3466.69	-	47.60	0.00	3,419.09
MW - 12	12/01/05	3466.69	-	46.79	0.00	3,419.90
MW - 12	03/07/06	3466.69	-	46.83	0.00	3,419.86
MW - 12	06/06/06	3466.69	-	46.89	0.00	3,419.80
MW - 12	09/15/06	3466.69	-	46.86	0.00	3,419.83
MW - 12	11/20/06	3466.69	-	46.93	0.00	3,419.76
MW - 12	02/23/07	3466.69	-	46.91	0.00	3,419.78
MW - 12	05/18/07	3466.69	-	46.91	0.00	3,419.78
MW - 12	08/21/07	3466.69	-	46.95	0.00	3,419.74
MW - 12	11/05/07	3466.69	-	46.96	0.00	3,419.73
MW - 12	02/08/08	3466.69	-	47.03	0.00	3,419.66
MW - 12	05/08/08	3466.69	-	46.92	0.00	3,419.77
MW - 12	08/13/08	3466.69	-	46.95	0.00	3,419.74
MW - 12	11/06/08	3466.69	-	47.09	0.00	3,419.60
MW - 12	02/04/09	3466.69	-	47.11	0.00	3,419.58
MW - 12	05/08/09	3466.69	-	47.04	0.00	3,419.65
MW - 12	08/05/09	3466.69	-	47.10	0.00	3,419.59
MW - 12	11/16/09	3466.69	-	47.23	0.00	3,419.46
MW - 12	01/06/10	3466.69	-	47.15	0.00	3,419.54
MW - 12	02/08/10	3466.69	-	47.17	0.00	3,419.52
MW - 12	05/11/10	3466.69	-	47.25	0.00	3,419.44
MW - 12	08/10/10	3466.69	-	47.27	0.00	3,419.42
MW - 12	11/09/10	3466.69	-	47.21	0.00	3,419.48
MW - 12	02/15/11	3466.69	-	47.20	0.00	3,419.49
MW - 12	05/05/11	3466.69	-	47.22	0.00	3,419.47
MW - 12	08/04/11	3466.69	-	47.22	0.00	3,419.47
MW - 12	11/21/11	3466.69	-	47.41	0.00	3,419.28
MW - 12	02/13/12	3466.69	-	47.35	0.00	3,419.34
MW - 12	05/29/12	3466.69	-	47.28	0.00	3,419.41
MW - 12	08/10/12	3466.69	-	47.38	0.00	3,419.31

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 12	11/06/12	3466.69	-	46.44	0.00	3,420.25
MW - 12	02/06/13	3466.69	-	47.38	0.00	3,419.31
MW - 12	05/08/13	3466.69	-	47.36	0.00	3,419.33
MW - 12	08/01/13	3466.69	-	47.44	0.00	3,419.25
MW - 12	11/05/13	3466.69	-	47.43	0.00	3,419.26
MW - 12	02/26/14	3466.69	-	47.40	0.00	3,419.29
MW - 12	05/12/14	3466.69	-	47.45	0.00	3,419.24
MW - 12	06/18/14	3466.69	46.06	46.30	0.24	3,420.59
MW - 12	07/23/14	3466.69	-	47.57	0.00	3,419.12
MW - 12	08/11/14	3466.69	-	47.59	0.00	3,419.10
MW - 12	10/28/14	3466.69	-	47.12	0.00	3,419.57
MW - 12	11/15/14	3466.69	-	47.10	0.00	3,419.59
MW - 12	02/18/15	3466.69	-	47.09	0.00	3,419.60
MW - 12	03/19/15	3466.69	-	47.10	0.00	3,419.59
MW - 12	04/16/15	3466.69	-	47.09	0.00	3,419.60
MW - 12	05/28/15	3466.69	-	47.12	0.00	3,419.57
MW - 12	07/21/15	3466.69	-	47.26	0.00	3,419.43
MW - 12	08/20/15	3466.69	-	47.34	0.00	3,419.35
MW - 12	09/11/15	3466.69	-	47.35	0.00	3,419.34
MW - 12	10/15/15	3466.69	-	47.32	0.00	3,419.37
MW - 12	11/30/15	3466.69	-	47.27	0.00	3,419.42
MW - 12	12/11/15	3466.69	-	47.22	0.00	3,419.47
MW - 12	01/19/16	3466.69	-	47.22	0.00	3,419.47
MW - 12	02/25/16	3466.69	-	47.26	0.00	3,419.43
MW - 12	03/17/16	3466.69	-	47.22	0.00	3,419.47
MW - 12	04/13/16	3466.69	-	47.21	0.00	3,419.48
MW - 12	06/02/16	3466.69	-	47.28	0.00	3,419.41
MW - 12	06/30/16	3466.69	-	47.34	0.00	3,419.35
MW - 12	07/26/16	3466.69	-	47.43	0.00	3,419.26
MW - 12	08/23/16	3466.69	-	47.40	0.00	3,419.29
MW - 12	09/12/16	3466.69	-	47.22	0.00	3,419.47
MW - 12	10/12/16	3466.69	-	47.08	0.00	3,419.61
MW - 12	12/01/16	3466.69	-	47.14	0.00	3,419.55
MW - 12	12/28/16	3466.69	-	47.16	0.00	3,419.53
MW - 12	01/25/17	3466.69	-	47.21	0.00	3,419.48
MW - 12	02/23/17	3466.69	-	47.14	0.00	3,419.55
MW - 12	03/30/17	3466.69	-	47.15	0.00	3,419.54
MW - 12	04/11/17	3466.69	-	47.16	0.00	3,419.53
MW - 12	05/04/17	3466.69	-	47.18	0.00	3,419.51
MW - 12	06/07/17	3466.69	-	47.20	0.00	3,419.49

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 12	07/06/17	3466.69	-	47.27	0.00	3,419.42
MW - 12	08/23/17	3466.69	-	47.36	0.00	3,419.33
MW - 12	10/09/17	3466.69	-	47.39	0.00	3,419.30
MW - 12	11/29/17	3466.69	-	47.42	0.00	3,419.27
MW - 12	12/26/17	3466.69	-	47.44	0.00	3,419.25
MW - 12	02/28/18	3466.69	-	47.45	0.00	3,419.24
MW - 12	05/24/18	3466.69	-	47.51	0.00	3,419.18
MW - 12	06/28/18	3466.69	-	47.58	0.00	3,419.11
MW - 12	08/21/18	3466.69	-	47.69	0.00	3,419.00
MW - 12	12/05/18	3466.69	-	47.73	0.00	3,418.96
MW - 12	12/31/18	3466.69	-	47.76	0.00	3,418.93
MW - 12	01/18/19	3466.69	-	47.72	0.00	3,418.97
MW - 12	02/25/19	3466.69	-	47.71	0.00	3,418.98
MW - 12	05/21/19	3466.69	-	47.59	0.00	3,419.10
MW - 12	07/02/19	3466.69	-	47.64	0.00	3,419.05
MW - 12	07/30/19	3466.69	-	47.71	0.00	3,418.98
MW - 12	08/21/19	3466.69	-	47.75	0.00	3,418.94
MW - 12	12/10/19	3466.69	-	47.56	0.00	3,419.13
MW - 12	01/21/20	3466.69	-	47.56	0.00	3,419.13
MW - 12	02/25/20	3466.69	-	47.53	0.00	3,419.16
MW - 12	06/03/20	3466.69	-	47.51	0.00	3,419.18
MW - 12	09/22/20	3466.69	-	47.78	0.00	3,418.91
MW - 12	11/13/20	3466.69	-	47.82	0.00	3,418.87
MW - 13	01/06/03	3466.98	-	48.31	0.00	3,418.67
MW - 13	01/10/03	3466.98	-	48.30	0.00	3,418.68
MW - 13	01/21/03	3466.98	-	48.28	0.00	3,418.70
MW - 13	02/10/03	3466.98	-	48.26	0.00	3,418.72
MW - 13	05/15/03	3466.98	-	48.31	0.00	3,418.67
MW - 13	08/26/03	3466.98	-	48.48	0.00	3,418.50
MW - 13	11/24/03	3466.98	-	48.55	0.00	3,418.43
MW - 13	02/18/04	3466.98	-	48.51	0.00	3,418.47
MW - 13	05/12/04	3466.98	-	48.27	0.00	3,418.71
MW - 13	08/23/04	3466.98	-	47.75	0.00	3,419.23
MW - 13	12/07/04	3466.98	-	47.17	0.00	3,419.81
MW - 13	03/09/05	3466.98	-	47.24	0.00	3,419.74
MW - 13	06/09/05	3466.98	-	47.30	0.00	3,419.68
MW - 13	08/09/05	3466.98	-	47.16	0.00	3,419.82
MW - 13	09/01/05	3466.98	-	47.02	0.00	3,419.96
MW - 13	09/08/05	3466.98	-	47.10	0.00	3,419.88

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	12/01/05	3466.98	-	47.28	0.00	3,419.70
MW - 13	03/07/06	3466.98	-	47.35	0.00	3,419.63
MW - 13	06/06/06	3466.98	-	47.42	0.00	3,419.56
MW - 13	09/15/06	3466.98	-	47.38	0.00	3,419.60
MW - 13	11/20/06	3466.98	-	47.45	0.00	3,419.53
MW - 13	02/23/07	3466.98	-	47.46	0.00	3,419.52
MW - 13	05/18/07	3466.98	-	47.44	0.00	3,419.54
MW - 13	08/21/07	3466.98	-	47.47	0.00	3,419.51
MW - 13	11/05/07	3466.98	-	47.49	0.00	3,419.49
MW - 13	02/08/08	3466.98	-	47.45	0.00	3,419.53
MW - 13	05/08/08	3466.98	-	47.41	0.00	3,419.57
MW - 13	08/13/08	3466.98	-	47.60	0.00	3,419.38
MW - 13	11/06/08	3466.98	-	47.64	0.00	3,419.34
MW - 13	02/05/09	3466.98	-	47.66	0.00	3,419.32
MW - 13	05/08/09	3466.98	-	47.56	0.00	3,419.42
MW - 13	08/05/09	3466.98	-	47.64	0.00	3,419.34
MW - 13	11/16/09	3466.98	-	47.78	0.00	3,419.20
MW - 13	01/06/10	3466.98	-	47.69	0.00	3,419.29
MW - 13	02/08/10	3466.98	-	47.69	0.00	3,419.29
MW - 13	05/11/10	3466.98	-	47.67	0.00	3,419.31
MW - 13	08/10/10	3466.98	-	47.68	0.00	3,419.30
MW - 13	11/09/10	3466.98	-	47.79	0.00	3,419.19
MW - 13	02/15/11	3466.98	-	47.76	0.00	3,419.22
MW - 13	05/05/11	3466.98	-	47.75	0.00	3,419.23
MW - 13	08/04/11	3466.98	-	47.75	0.00	3,419.23
MW - 13	11/21/11	3466.98	-	47.97	0.00	3,419.01
MW - 13	02/13/12	3466.98	-	47.89	0.00	3,419.09
MW - 13	05/29/12	3466.98	-	47.83	0.00	3,419.15
MW - 13	08/10/12	3466.98	-	47.94	0.00	3,419.04
MW - 13	11/06/12	3466.98	-	47.99	0.00	3,418.99
MW - 13	02/06/13	3466.98	-	47.91	0.00	3,419.07
MW - 13	05/08/13	3466.98	-	47.90	0.00	3,419.08
MW - 13	08/01/13	3466.98	-	47.97	0.00	3,419.01
MW - 13	11/05/13	3466.98	-	47.96	0.00	3,419.02
MW - 13	02/26/14	3466.98	-	47.94	0.00	3,419.04
MW - 13	05/12/14	3466.98	-	47.98	0.00	3,419.00
MW - 13	07/23/14	3466.98	-	48.11	0.00	3,418.87
MW - 13	08/11/14	3466.98	-	48.04	0.00	3,418.94
MW - 13	10/28/14	3466.98	-	47.65	0.00	3,419.33
MW - 13	11/15/14	3466.98	-	47.61	0.00	3,419.37

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	02/18/15	3466.98	-	47.62	0.00	3,419.36
MW - 13	03/19/15	3466.98	-	47.61	0.00	3,419.37
MW - 13	04/16/15	3466.98	-	47.61	0.00	3,419.37
MW - 13	05/28/15	3466.98	-	47.64	0.00	3,419.34
MW - 13	07/21/15	3466.98	-	47.82	0.00	3,419.16
MW - 13	08/20/15	3466.98	-	47.87	0.00	3,419.11
MW - 13	09/11/15	3466.98	-	47.90	0.00	3,419.08
MW - 13	10/15/15	3466.98	-	47.87	0.00	3,419.11
MW - 13	11/30/15	3466.98	-	47.80	0.00	3,419.18
MW - 13	12/11/15	3466.98	-	47.77	0.00	3,419.21
MW - 13	01/19/16	3466.98	-	47.75	0.00	3,419.23
MW - 13	02/25/16	3466.98	-	47.79	0.00	3,419.19
MW - 13	03/17/16	3466.98	-	47.75	0.00	3,419.23
MW - 13	04/13/16	3466.98	-	47.75	0.00	3,419.23
MW - 13	06/02/16	3466.98	-	47.82	0.00	3,419.16
MW - 13	06/30/16	3466.98	-	47.88	0.00	3,419.10
MW - 13	07/26/16	3466.98	-	47.97	0.00	3,419.01
MW - 13	08/23/16	3466.98	-	47.93	0.00	3,419.05
MW - 13	09/12/16	3466.98	-	47.73	0.00	3,419.25
MW - 13	10/12/16	3466.98	-	47.60	0.00	3,419.38
MW - 13	12/01/16	3466.98	-	47.66	0.00	3,419.32
MW - 13	12/28/16	3466.98	-	47.67	0.00	3,419.31
MW - 13	01/25/17	3466.98	-	47.74	0.00	3,419.24
MW - 13	02/23/17	3466.98	-	47.66	0.00	3,419.32
MW - 13	03/30/17	3466.98	-	47.68	0.00	3,419.30
MW - 13	04/11/17	3466.98	-	47.68	0.00	3,419.30
MW - 13	05/04/17	3466.98	-	47.70	0.00	3,419.28
MW - 13	06/07/17	3466.98	-	47.73	0.00	3,419.25
MW - 13	07/06/17	3466.98	-	47.77	0.00	3,419.21
MW - 13	08/23/17	3466.98	-	47.89	0.00	3,419.09
MW - 13	10/09/17	3466.98	-	47.92	0.00	3,419.06
MW - 13	11/29/17	3466.98	-	47.96	0.00	3,419.02
MW - 13	12/26/17	3466.98	-	48.00	0.00	3,418.98
MW - 13	02/28/18	3466.98	-	48.00	0.00	3,418.98
MW - 13	05/24/18	3466.98	-	48.06	0.00	3,418.92
MW - 13	06/28/18	3466.98	-	48.12	0.00	3,418.86
MW - 13	08/21/18	3466.98	-	48.21	0.00	3,418.77
MW - 13	12/05/18	3466.98	-	48.26	0.00	3,418.72
MW - 13	12/31/18	3466.98	-	48.30	0.00	3,418.68
MW - 13	01/18/19	3466.98	-	48.27	0.00	3,418.71

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	02/25/19	3466.98	-	48.27	0.00	3,418.71
MW - 13	05/21/19	3466.98	-	48.13	0.00	3,418.85
MW - 13	07/02/19	3466.98	-	48.15	0.00	3,418.83
MW - 13	07/30/19	3466.98	-	48.23	0.00	3,418.75
MW - 13	08/21/19	3466.98	-	48.27	0.00	3,418.71
MW - 13	12/10/19	3466.98	-	48.09	0.00	3,418.89
MW - 13	01/21/20	3466.98	-	48.09	0.00	3,418.89
MW - 13	02/25/20	3466.98	-	48.06	0.00	3,418.92
MW - 13	06/03/20	3466.98	-	48.04	0.00	3,418.94
MW - 13	09/22/20	3466.98	-	48.31	0.00	3,418.67
MW - 13	11/13/20	3466.98	-	48.35	0.00	3,418.63
MW - 14	01/06/03	3466.50	-	47.97	0.00	3,418.53
MW - 14	01/10/03	3466.50	-	47.96	0.00	3,418.54
MW - 14	01/21/03	3466.50	-	47.93	0.00	3,418.57
MW - 14	02/10/03	3466.50	-	47.92	0.00	3,418.58
MW - 14	05/15/03	3466.50	-	47.99	0.00	3,418.51
MW - 14	08/26/03	3466.50	-	48.16	0.00	3,418.34
MW - 14	11/24/03	3466.50	48.27	48.85	0.58	3,418.14
MW - 14	01/02/04	3466.50	48.11	48.60	0.49	3,418.32
MW - 14	01/06/04	3466.50	48.10	48.64	0.54	3,418.32
MW - 14	01/27/04	3466.50	48.55	49.15	0.60	3,417.86
MW - 14	02/02/04	3466.50	48.57	49.23	0.66	3,417.83
MW - 14	02/18/04	3466.50	48.11	48.67	0.56	3,418.31
MW - 14	02/23/04	3466.50	48.31	48.65	0.34	3,418.14
MW - 14	03/01/04	3466.50	48.33	48.68	0.35	3,418.12
MW - 14	03/10/04	3466.50	48.34	48.63	0.29	3,418.12
MW - 14	03/15/04	3466.50	48.12	48.42	0.30	3,418.34
MW - 14	03/23/04	3466.50	48.61	48.96	0.35	3,417.84
MW - 14	03/30/04	3466.50	48.65	48.94	0.29	3,417.81
MW - 14	04/07/04	3466.50	48.60	49.15	0.55	3,417.82
MW - 14	04/12/04	3466.50	48.60	49.01	0.41	3,417.84
MW - 14	04/15/04	3466.50	48.57	48.86	0.29	3,417.89
MW - 14	04/19/04	3466.50	48.04	48.34	0.30	3,418.42
MW - 14	05/11/04	3466.50	48.28	48.61	0.33	3,418.17
MW - 14	05/12/04	3466.50	47.91	48.22	0.31	3,418.54
MW - 14	06/09/04	3466.50	47.83	48.13	0.30	3,418.63
MW - 14	06/16/04	3466.50	47.84	48.09	0.25	3,418.62
MW - 14	06/22/04	3466.50	47.85	48.24	0.39	3,418.59
MW - 14	06/29/04	3466.50	47.84	48.22	0.38	3,418.60

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	07/07/04	3466.50	47.86	48.25	0.39	3,418.58
MW - 14	07/13/04	3466.50	47.84	48.23	0.39	3,418.60
MW - 14	07/21/04	3466.50	45.45	45.46	0.01	3,421.05
MW - 14	08/11/04	3466.50	47.42	47.69	0.27	3,419.04
MW - 14	08/17/04	3466.50	47.44	47.75	0.31	3,419.01
MW - 14	08/23/04	3466.50	47.44	47.49	0.05	3,419.05
MW - 14	09/13/04	3466.50	47.42	47.51	0.09	3,419.07
MW - 14	09/20/04	3466.50	47.40	47.45	0.05	3,419.09
MW - 14	09/29/04	3466.50	47.45	47.54	0.09	3,419.04
MW - 14	10/04/04	3466.50	47.35	47.52	0.17	3,419.12
MW - 14	10/12/04	3466.50	46.80	46.90	0.10	3,419.69
MW - 14	10/19/04	3466.50	46.64	46.73	0.09	3,419.85
MW - 14	10/25/04	3466.50	46.70	46.73	0.03	3,419.80
MW - 14	11/01/04	3466.50	sheen	46.79	0.00	3,419.71
MW - 14	11/09/04	3466.50	sheen	46.76	0.00	3,419.74
MW - 14	11/17/04	3466.50	sheen	46.80	0.00	3,419.70
MW - 14	11/29/04	3466.50	sheen	46.86	0.00	3,419.64
MW - 14	12/07/04	3466.50	sheen	46.82	0.00	3,419.68
MW - 14	12/13/04	3466.50	sheen	46.88	0.00	3,419.62
MW - 14	12/20/04	3466.50	sheen	46.81	0.00	3,419.69
MW - 14	12/30/04	3466.50	sheen	46.90	0.00	3,419.60
MW - 14	01/03/05	3466.50	sheen	46.88	0.00	3,419.62
MW - 14	01/10/05	3466.50	sheen	46.70	0.00	3,419.80
MW - 14	01/17/05	3466.50	sheen	46.90	0.00	3,419.60
MW - 14	01/24/05	3466.50	sheen	46.90	0.00	3,419.60
MW - 14	01/31/05	3466.50	sheen	46.91	0.00	3,419.59
MW - 14	02/07/05	3466.50	sheen	46.88	0.00	3,419.62
MW - 14	02/14/05	3466.50	sheen	46.90	0.00	3,419.60
MW - 14	02/21/05	3466.50	sheen	46.89	0.00	3,419.61
MW - 14	02/28/05	3466.50	sheen	46.91	0.00	3,419.59
MW - 14	03/07/05	3466.50	sheen	46.86	0.00	3,419.64
MW - 14	03/09/05	3466.50	sheen	46.86	0.00	3,419.64
MW - 14	03/16/05	3466.50	sheen	46.92	0.00	3,419.58
MW - 14	03/21/05	3466.50	sheen	46.88	0.00	3,419.62
MW - 14	03/28/05	3466.50	sheen	46.87	0.00	3,419.63
MW - 14	04/04/05	3466.50	sheen	46.88	0.00	3,419.62
MW - 14	04/13/05	3466.50	sheen	46.91	0.00	3,419.59
MW - 14	04/18/05	3466.50	sheen	46.86	0.00	3,419.64
MW - 14	05/23/05	3466.50	46.92	46.96	0.04	3,419.57
MW - 14	06/09/05	3466.50	46.92	46.93	0.01	3,419.58

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	06/21/05	3466.50	46.99	47.03	0.04	3,419.50
MW - 14	07/14/05	3466.50	sheen	47.03	0.00	3,419.47
MW - 14	07/26/05	3466.50	sheen	47.01	0.00	3,419.49
MW - 14	08/09/05	3466.50	sheen	46.88	0.00	3,419.62
MW - 14	08/25/05	3466.50	sheen	46.73	0.00	3,419.77
MW - 14	09/01/05	3466.50	-	46.71	0.00	3,419.79
MW - 14	09/08/05	3466.50	-	46.76	0.00	3,419.74
MW - 14	09/13/05	3466.50	sheen	46.76	0.00	3,419.74
MW - 14	09/26/05	3466.50	sheen	46.85	0.00	3,419.65
MW - 14	10/11/05	3466.50	46.87	46.97	0.10	3,419.62
MW - 14	10/25/05	3466.50	46.84	46.90	0.06	3,419.65
MW - 14	11/10/05	3466.50	46.85	47.02	0.17	3,419.62
MW - 14	11/14/05	3466.50	46.87	46.97	0.10	3,419.62
MW - 14	12/01/05	3466.50	46.89	47.08	0.19	3,419.58
MW - 14	12/28/05	3466.50	46.95	47.25	0.30	3,419.51
MW - 14	01/11/06	3466.50	46.95	47.19	0.24	3,419.51
MW - 14	01/25/06	3466.50	47.00	47.26	0.26	3,419.46
MW - 14	02/08/06	3466.50	46.95	47.21	0.26	3,419.51
MW - 14	02/23/06	3466.50	47.03	47.20	0.17	3,419.44
MW - 14	03/07/06	3466.50	46.97	47.21	0.24	3,419.49
MW - 14	03/08/06	3466.50	46.96	47.20	0.24	3,419.50
MW - 14	03/20/06	3466.50	47.00	47.25	0.25	3,419.46
MW - 14	03/30/06	3466.50	46.98	47.22	0.24	3,419.48
MW - 14	05/03/06	3466.50	47.01	47.21	0.20	3,419.46
MW - 14	06/01/06	3466.50	47.03	47.38	0.35	3,419.42
MW - 14	06/06/06	3466.50	47.04	47.25	0.21	3,419.43
MW - 14	06/14/06	3466.50	47.03	47.25	0.22	3,419.44
MW - 14	06/29/06	3466.50	47.08	47.28	0.20	3,419.39
MW - 14	07/13/06	3466.50	47.08	47.11	0.03	3,419.42
MW - 14	07/27/06	3466.50	47.09	47.22	0.13	3,419.39
MW - 14	08/10/06	3466.50	47.10	47.26	0.16	3,419.38
MW - 14	09/15/06	3466.50	47.03	47.11	0.08	3,419.46
MW - 14	10/03/06	3466.50	47.05	47.13	0.08	3,419.44
MW - 14	11/20/06	3466.50	47.10	47.21	0.11	3,419.38
MW - 14	01/11/07	3466.50	47.11	47.21	0.10	3,419.38
MW - 14	02/15/07	3466.50	47.13	47.24	0.11	3,419.35
MW - 14	02/23/07	3466.50	47.12	47.59	0.47	3,419.31
MW - 14	03/08/07	3466.50	47.13	47.23	0.10	3,419.36
MW - 14	03/28/07	3466.50	47.13	47.21	0.08	3,419.36
MW - 14	04/25/07	3466.50	47.11	47.21	0.10	3,419.38

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	05/04/07	3466.50	47.09	47.11	0.02	3,419.41
MW - 14	05/18/07	3466.50	47.07	47.14	0.07	3,419.42
MW - 14	06/14/07	3466.50	47.04	47.09	0.05	3,419.45
MW - 14	07/12/07	3466.50	47.04	47.08	0.04	3,419.45
MW - 14	08/21/07	3466.50	46.11	46.17	0.06	3,420.38
MW - 14	09/14/07	3466.50	47.15	47.23	0.08	3,419.34
MW - 14	10/03/07	3466.50	sheen	47.12	0.00	3,419.38
MW - 14	10/10/07	3466.50	sheen	47.16	0.00	3,419.34
MW - 14	10/17/07	3466.50	sheen	47.14	0.00	3,419.36
MW - 14	11/05/07	3466.50	sheen	47.13	0.00	3,419.37
MW - 14	12/18/07	3466.50	sheen	47.11	0.00	3,419.39
MW - 14	02/08/08	3466.50	-	47.14	0.00	3,419.36
MW - 14	02/15/08	3466.50	-	47.11	0.00	3,419.39
MW - 14	02/22/08	3466.50	-	47.10	0.00	3,419.40
MW - 14	04/04/08	3466.50	-	47.09	0.00	3,419.41
MW - 14	05/08/08	3466.50	-	47.06	0.00	3,419.44
MW - 14	05/16/08	3466.50	-	47.10	0.00	3,419.40
MW - 14	06/05/08	3466.50	-	47.09	0.00	3,419.41
MW - 14	06/27/08	3466.50	-	47.13	0.00	3,419.37
MW - 14	07/15/08	3466.50	-	47.24	0.00	3,419.26
MW - 14	08/12/08	3466.50	-	47.29	0.00	3,419.21
MW - 14	08/13/08	3466.50	-	47.29	0.00	3,419.21
MW - 14	09/25/08	3466.50	-	47.34	0.00	3,419.16
MW - 14	09/30/08	3466.50	-	47.33	0.00	3,419.17
MW - 14	10/08/08	3466.50	-	47.37	0.00	3,419.13
MW - 14	10/24/08	3466.50	-	47.32	0.00	3,419.18
MW - 14	11/06/08	3466.50	-	47.33	0.00	3,419.17
MW - 14	11/08/08	3466.50	-	47.24	0.00	3,419.26
MW - 14	12/17/08	3466.50	-	47.39	0.00	3,419.11
MW - 14	12/30/08	3466.50	-	47.42	0.00	3,419.08
MW - 14	01/07/09	3466.50	-	47.38	0.00	3,419.12
MW - 14	01/22/09	3466.50	-	47.34	0.00	3,419.16
MW - 14	01/26/09	3466.50	-	47.34	0.00	3,419.16
MW - 14	02/05/09	3466.50	-	47.35	0.00	3,419.15
MW - 14	02/13/09	3466.50	-	47.30	0.00	3,419.20
MW - 14	02/27/09	3466.50	-	47.31	0.00	3,419.19
MW - 14	03/03/09	3466.50	-	47.40	0.00	3,419.10
MW - 14	03/10/09	3466.50	-	47.28	0.00	3,419.22
MW - 14	03/18/09	3466.50	-	47.26	0.00	3,419.24
MW - 14	03/27/09	3466.50	-	47.23	0.00	3,419.27

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	04/02/09	3466.50	-	47.43	0.00	3,419.07
MW - 14	04/07/09	3466.50	-	47.23	0.00	3,419.27
MW - 14	04/14/09	3466.50	-	47.23	0.00	3,419.27
MW - 14	04/28/09	3466.50	-	47.25	0.00	3,419.25
MW - 14	05/07/09	3466.50	-	47.21	0.00	3,419.29
MW - 14	05/08/09	3466.50	-	47.21	0.00	3,419.29
MW - 14	06/02/09	3466.50	-	47.26	0.00	3,419.24
MW - 14	06/11/09	3466.50	-	47.28	0.00	3,419.22
MW - 14	06/16/09	3466.50	-	47.23	0.00	3,419.27
MW - 14	06/26/09	3466.50	-	47.31	0.00	3,419.19
MW - 14	06/30/09	3466.50	-	47.22	0.00	3,419.28
MW - 14	07/07/09	3466.50	-	47.34	0.00	3,419.16
MW - 14	07/15/09	3466.50	-	47.36	0.00	3,419.14
MW - 14	07/21/09	3466.50	-	47.34	0.00	3,419.16
MW - 14	07/28/09	3466.50	-	47.32	0.00	3,419.18
MW - 14	07/31/09	3466.50	-	47.39	0.00	3,419.11
MW - 14	08/05/09	3466.50	-	47.34	0.00	3,419.16
MW - 14	08/06/09	3466.50	-	47.31	0.00	3,419.19
MW - 14	08/13/09	3466.50	-	47.31	0.00	3,419.19
MW - 14	08/19/09	3466.50	-	47.31	0.00	3,419.19
MW - 14	08/25/09	3466.50	-	47.35	0.00	3,419.15
MW - 14	09/01/09	3466.50	-	47.39	0.00	3,419.11
MW - 14	09/08/09	3466.50	-	47.34	0.00	3,419.16
MW - 14	09/15/09	3466.50	-	47.38	0.00	3,419.12
MW - 14	09/25/09	3466.50	sheen	47.39	0.00	3,419.11
MW - 14	09/28/09	3466.50	-	47.45	0.00	3,419.05
MW - 14	10/02/09	3466.50	sheen	47.40	0.00	3,419.10
MW - 14	10/05/09	3466.50	-	47.44	0.00	3,419.06
MW - 14	10/09/09	3466.50	sheen	47.42	0.00	3,419.08
MW - 14	10/12/09	3466.50	-	47.46	0.00	3,419.04
MW - 14	10/22/09	3466.50	sheen	47.40	0.00	3,419.10
MW - 14	10/29/09	3466.50	sheen	47.41	0.00	3,419.09
MW - 14	11/06/09	3466.50	-	47.40	0.00	3,419.10
MW - 14	11/16/09	3466.50	-	47.50	0.00	3,419.00
MW - 14	12/22/09	3466.50	-	47.37	0.00	3,419.13
MW - 14	01/06/10	3466.50	-	47.40	0.00	3,419.10
MW - 14	02/08/10	3466.50	-	47.41	0.00	3,419.09
MW - 14	03/03/10	3466.50	-	47.39	0.00	3,419.11
MW - 14	03/23/10	3466.50	-	47.37	0.00	3,419.13
MW - 14	04/15/10	3466.50	-	47.41	0.00	3,419.09

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	05/11/10	3466.50	-	47.43	0.00	3,419.07
MW - 14	08/10/10	3466.50	-	47.43	0.00	3,419.07
MW - 14	11/09/10	3466.50	-	47.49	0.00	3,419.01
MW - 14	02/15/11	3466.50	-	47.48	0.00	3,419.02
MW - 14	05/05/11	3466.50	-	47.46	0.00	3,419.04
MW - 14	08/04/11	3466.50	-	47.47	0.00	3,419.03
MW - 14	11/21/11	3466.50	-	47.66	0.00	3,418.84
MW - 14	02/13/12	3466.50	-	47.56	0.00	3,418.94
MW - 14	05/29/12	3466.50	-	47.49	0.00	3,419.01
MW - 14	08/10/12	3466.50	-	47.58	0.00	3,418.92
MW - 14	11/06/12	3466.50	-	47.63	0.00	3,418.87
MW - 14	02/06/13	3466.50	-	47.58	0.00	3,418.92
MW - 14	04/19/13	3466.50	-	47.59	0.00	3,418.91
MW - 14	05/08/13	3466.50	-	47.56	0.00	3,418.94
MW - 14	05/10/13	3466.50	-	47.60	0.00	3,418.90
MW - 14	05/17/13	3466.50	-	47.57	0.00	3,418.93
MW - 14	05/22/13	3466.50	-	47.57	0.00	3,418.93
MW - 14	05/30/13	3466.50	-	47.56	0.00	3,418.94
MW - 14	06/12/13	3466.50	-	47.58	0.00	3,418.92
MW - 14	06/18/13	3466.50	-	47.58	0.00	3,418.92
MW - 14	06/25/13	3466.50	-	47.58	0.00	3,418.92
MW - 14	07/02/13	3466.50	-	47.61	0.00	3,418.89
MW - 14	07/09/13	3466.50	-	47.61	0.00	3,418.89
MW - 14	07/26/13	3466.50	-	47.65	0.00	3,418.85
MW - 14	07/29/13	3466.50	-	47.64	0.00	3,418.86
MW - 14	08/01/13	3466.50	-	47.63	0.00	3,418.87
MW - 14	08/06/13	3466.50	-	47.63	0.00	3,418.87
MW - 14	08/15/13	3466.50	-	47.65	0.00	3,418.85
MW - 14	08/20/13	3466.50	-	47.69	0.00	3,418.81
MW - 14	09/12/13	3466.50	-	47.74	0.00	3,418.76
MW - 14	09/19/13	3466.50	-	47.73	0.00	3,418.77
MW - 14	09/25/13	3466.50	-	47.68	0.00	3,418.82
MW - 14	10/01/13	3466.50	-	47.73	0.00	3,418.77
MW - 14	10/09/13	3466.50	-	47.71	0.00	3,418.79
MW - 14	10/24/13	3466.50	-	47.67	0.00	3,418.83
MW - 14	10/29/13	3466.50	-	47.67	0.00	3,418.83
MW - 14	11/04/13	3466.50	-	47.63	0.00	3,418.87
MW - 14	11/05/13	3466.50	-	47.63	0.00	3,418.87
MW - 14	12/02/13	3466.50	-	47.67	0.00	3,418.83
MW - 14	12/10/13	3466.50	-	47.65	0.00	3,418.85

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	12/17/13	3466.50	-	47.69	0.00	3,418.81
MW - 14	12/23/13	3466.50	-	47.70	0.00	3,418.80
MW - 14	01/01/14	3466.50	-	47.65	0.00	3,418.85
MW - 14	01/07/14	3466.50	-	47.64	0.00	3,418.86
MW - 14	01/16/14	3466.50	-	47.67	0.00	3,418.83
MW - 14	01/23/14	3466.50	-	47.68	0.00	3,418.82
MW - 14	01/28/14	3466.50	-	47.68	0.00	3,418.82
MW - 14	02/11/14	3466.50	-	47.67	0.00	3,418.83
MW - 14	02/26/14	3466.50	-	47.61	0.00	3,418.89
MW - 14	03/21/14	3466.50	-	47.60	0.00	3,418.90
MW - 14	03/29/14	3466.50	-	47.60	0.00	3,418.90
MW - 14	04/10/14	3466.50	-	47.69	0.00	3,418.81
MW - 14	04/17/14	3466.50	-	47.62	0.00	3,418.88
MW - 14	04/24/14	3466.50	-	47.61	0.00	3,418.89
MW - 14	04/17/14	3466.50	-	47.62	0.00	3,418.88
MW - 14	05/01/14	3466.50	-	47.64	0.00	3,418.86
MW - 14	05/06/14	3466.50	-	47.67	0.00	3,418.83
MW - 14	05/12/14	3466.50	-	47.64	0.00	3,418.86
MW - 14	05/23/14	3466.50	-	47.65	0.00	3,418.85
MW - 14	05/27/14	3466.50	-	47.60	0.00	3,418.90
MW - 14	06/05/14	3466.50	-	47.68	0.00	3,418.82
MW - 14	06/18/14	3466.50	-	47.70	0.00	3,418.80
MW - 14	07/01/14	3466.50	-	47.45	0.00	3,419.05
MW - 14	07/23/14	3466.50	-	47.76	0.00	3,418.74
MW - 14	08/11/14	3466.50	-	47.79	0.00	3,418.71
MW - 14	08/21/14	3466.50	-	47.81	0.00	3,418.69
MW - 14	09/04/14	3466.50	-	47.81	0.00	3,418.69
MW - 14	10/28/14	3466.50	-	47.34	0.00	3,419.16
MW - 14	11/15/14	3466.50	-	47.32	0.00	3,419.18
MW - 14	02/18/15	3466.50	-	47.28	0.00	3,419.22
MW - 14	03/19/15	3466.50	-	47.28	0.00	3,419.22
MW - 14	04/16/15	3466.50	-	47.26	0.00	3,419.24
MW - 14	05/28/15	3466.50	-	47.33	0.00	3,419.17
MW - 14	07/21/15	3466.50	-	47.49	0.00	3,419.01
MW - 14	08/20/15	3466.50	-	47.57	0.00	3,418.93
MW - 14	09/11/15	3466.50	-	47.58	0.00	3,418.92
MW - 14	10/15/15	3466.50	-	47.55	0.00	3,418.95
MW - 14	11/30/15	3466.50	-	47.47	0.00	3,419.03
MW - 14	12/11/15	3466.50	-	47.43	0.00	3,419.07
MW - 14	01/19/16	3466.50	-	47.42	0.00	3,419.08

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	02/25/16	3466.50	-	47.46	0.00	3,419.04
MW - 14	03/17/16	3466.50	-	47.42	0.00	3,419.08
MW - 14	04/13/16	3466.50	-	47.40	0.00	3,419.10
MW - 14	06/02/16	3466.50	-	48.49	0.00	3,418.01
MW - 14	06/30/16	3466.50	-	47.55	0.00	3,418.95
MW - 14	07/26/16	3466.50	-	47.63	0.00	3,418.87
MW - 14	08/23/16	3466.50	-	47.61	0.00	3,418.89
MW - 14	09/12/16	3466.50	-	47.42	0.00	3,419.08
MW - 14	10/12/16	3466.50	-	47.28	0.00	3,419.22
MW - 14	12/01/16	3466.50	-	47.32	0.00	3,419.18
MW - 14	12/28/16	3466.50	-	47.32	0.00	3,419.18
MW - 14	01/25/17	3466.50	-	47.37	0.00	3,419.13
MW - 14	02/23/17	3466.50	-	47.31	0.00	3,419.19
MW - 14	03/30/17	3466.50	-	47.33	0.00	3,419.17
MW - 14	04/11/17	3466.50	-	47.33	0.00	3,419.17
MW - 14	05/04/17	3466.50	-	47.34	0.00	3,419.16
MW - 14	06/07/17	3466.50	-	47.37	0.00	3,419.13
MW - 14	07/06/17	3466.50	-	47.42	0.00	3,419.08
MW - 14	08/23/17	3466.50	-	47.55	0.00	3,418.95
MW - 14	10/09/17	3466.50	-	47.60	0.00	3,418.90
MW - 14	11/29/17	3466.50	-	47.65	0.00	3,418.85
MW - 14	12/26/17	3466.50	-	47.67	0.00	3,418.83
MW - 14	02/28/18	3466.50	-	47.69	0.00	3,418.81
MW - 14	05/24/18	3466.50	-	47.73	0.00	3,418.77
MW - 14	06/28/18	3466.50	-	47.80	0.00	3,418.70
MW - 14	08/21/18	3466.50	-	48.88	0.00	3,417.62
MW - 14	12/05/18	3466.50	-	47.95	0.00	3,418.55
MW - 14	12/31/18	3466.50	-	47.96	0.00	3,418.54
MW - 14	02/25/19	3466.50	-	47.95	0.00	3,418.55
MW - 14	05/21/19	3466.50	-	47.78	0.00	3,418.72
MW - 14	07/02/19	3466.50	-	47.82	0.00	3,418.68
MW - 14	07/30/19	3466.50	-	47.89	0.00	3,418.61
MW - 14	08/21/19	3466.50	-	47.94	0.00	3,418.56
MW - 14	12/10/19	3466.50	-	47.75	0.00	3,418.75
MW - 14	01/21/20	3466.50	-	47.74	0.00	3,418.76
MW - 14	02/25/20	3466.50	-	47.73	0.00	3,418.77
MW - 14	06/03/20	3466.50	-	47.70	0.00	3,418.80
MW - 14	09/22/20	3466.50	-	47.98	0.00	3,418.52
MW - 14	11/13/20	3466.50	-	48.02	0.00	3,418.48

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	01/06/03	3466.10	-	47.26	0.00	3,418.84
MW - 15	01/10/03	3466.10	-	47.23	0.00	3,418.87
MW - 15	01/21/03	3466.10	-	47.21	0.00	3,418.89
MW - 15	02/10/03	3466.10	-	47.20	0.00	3,418.90
MW - 15	05/15/03	3466.10	-	47.27	0.00	3,418.83
MW - 15	08/26/03	3466.10	-	47.44	0.00	3,418.66
MW - 15	11/24/03	3466.10	-	47.51	0.00	3,418.59
MW - 15	02/18/04	3466.10	-	47.46	0.00	3,418.64
MW - 15	05/12/04	3466.10	-	47.19	0.00	3,418.91
MW - 15	08/23/04	3466.10	-	46.66	0.00	3,419.44
MW - 15	12/07/04	3466.10	-	46.04	0.00	3,420.06
MW - 15	03/09/05	3466.10	-	46.17	0.00	3,419.93
MW - 15	06/09/05	3466.10	-	46.24	0.00	3,419.86
MW - 15	08/09/05	3466.10	-	45.81	0.00	3,420.29
MW - 15	09/01/05	3466.10	-	45.86	0.00	3,420.24
MW - 15	09/08/05	3466.10	-	45.95	0.00	3,420.15
MW - 15	12/01/05	3466.10	-	46.20	0.00	3,419.90
MW - 15	03/07/06	3466.10	-	46.29	0.00	3,419.81
MW - 15	06/06/06	3466.10	-	46.36	0.00	3,419.74
MW - 15	09/17/06	3466.10	-	46.28	0.00	3,419.82
MW - 15	11/20/06	3466.10	-	46.38	0.00	3,419.72
MW - 15	02/23/07	3466.10	-	46.38	0.00	3,419.72
MW - 15	05/18/07	3466.10	-	46.32	0.00	3,419.78
MW - 15	08/21/07	3466.10	46.40	46.50	0.10	3,419.69
MW - 15	08/27/07	3466.10	46.42	46.47	0.05	3,419.67
MW - 15	09/14/07	3466.10	sheen	46.45	0.00	3,419.65
MW - 15	09/26/07	3466.10	sheen	46.47	0.00	3,419.63
MW - 15	10/03/07	3466.10	sheen	46.46	0.00	3,419.64
MW - 15	10/10/07	3466.10	sheen	46.46	0.00	3,419.64
MW - 15	10/17/07	3466.10	sheen	46.42	0.00	3,419.68
MW - 15	11/05/07	3466.10	sheen	46.43	0.00	3,419.67
MW - 15	11/07/07	3466.10	sheen	46.44	0.00	3,419.66
MW - 15	12/18/07	3466.10	sheen	46.43	0.00	3,419.67
MW - 15	02/08/08	3466.10	-	46.38	0.00	3,419.72
MW - 15	05/08/08	3466.10	46.45	46.50	0.05	3,419.64
MW - 15	05/16/08	3466.10	46.38	46.48	0.10	3,419.71
MW - 15	06/05/08	3466.10	-	46.41	0.00	3,419.69
MW - 15	06/27/08	3466.10	-	46.49	0.00	3,419.61
MW - 15	07/15/08	3466.10	-	46.53	0.00	3,419.57
MW - 15	08/12/08	3466.10	-	45.60	0.00	3,420.50

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	08/13/08	3466.10	-	45.60	0.00	3,420.50
MW - 15	09/25/08	3466.10	-	46.60	0.00	3,419.50
MW - 15	09/30/08	3466.10	-	46.61	0.00	3,419.49
MW - 15	10/08/08	3466.10	-	46.62	0.00	3,419.48
MW - 15	11/06/08	3466.10	-	46.58	0.00	3,419.52
MW - 15	11/08/08	3466.10	-	46.60	0.00	3,419.50
MW - 15	12/17/08	3466.10	-	46.66	0.00	3,419.44
MW - 15	12/30/08	3466.10	-	46.61	0.00	3,419.49
MW - 15	01/07/09	3466.10	-	46.63	0.00	3,419.47
MW - 15	01/22/09	3466.10	-	46.65	0.00	3,419.45
MW - 15	01/26/09	3466.10	-	46.62	0.00	3,419.48
MW - 15	02/05/09	3466.10	-	46.62	0.00	3,419.48
MW - 15	02/13/09	3466.10	-	46.59	0.00	3,419.51
MW - 15	02/27/09	3466.10	-	46.58	0.00	3,419.52
MW - 15	03/03/09	3466.10	-	46.64	0.00	3,419.46
MW - 15	03/10/09	3466.10	-	46.55	0.00	3,419.55
MW - 15	03/18/09	3466.10	-	46.53	0.00	3,419.57
MW - 15	03/27/09	3466.10	-	46.52	0.00	3,419.58
MW - 15	04/02/09	3466.10	-	46.66	0.00	3,419.44
MW - 15	04/07/09	3466.10	-	46.54	0.00	3,419.56
MW - 15	04/14/09	3466.10	-	46.54	0.00	3,419.56
MW - 15	04/28/09	3466.10	-	46.52	0.00	3,419.58
MW - 15	05/07/09	3466.10	-	46.50	0.00	3,419.60
MW - 15	05/08/09	3466.10	-	46.50	0.00	3,419.60
MW - 15	06/02/09	3466.10	-	46.54	0.00	3,419.56
MW - 15	06/11/09	3466.10	-	46.51	0.00	3,419.59
MW - 15	06/16/09	3466.10	-	46.45	0.00	3,419.65
MW - 15	06/26/09	3466.10	-	46.52	0.00	3,419.58
MW - 15	06/30/09	3466.10	-	46.44	0.00	3,419.66
MW - 15	07/07/09	3466.10	-	46.57	0.00	3,419.53
MW - 15	07/15/09	3466.10	-	45.60	0.00	3,420.50
MW - 15	07/21/09	3466.10	-	46.62	0.00	3,419.48
MW - 15	07/28/09	3466.10	-	46.55	0.00	3,419.55
MW - 15	07/31/09	3466.10	-	46.63	0.00	3,419.47
MW - 15	08/05/09	3466.10	-	46.55	0.00	3,419.55
MW - 15	08/06/09	3466.10	-	46.53	0.00	3,419.57
MW - 15	08/13/09	3466.10	-	46.53	0.00	3,419.57
MW - 15	08/19/09	3466.10	-	46.56	0.00	3,419.54
MW - 15	08/25/09	3466.10	-	46.61	0.00	3,419.49
MW - 15	09/01/09	3466.10	-	46.65	0.00	3,419.45

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	09/08/09	3466.10	-	46.55	0.00	3,419.55
MW - 15	09/15/09	3466.10	-	46.57	0.00	3,419.53
MW - 15	09/25/09	3466.10	sheen	46.68	0.00	3,419.42
MW - 15	09/28/09	3466.10	-	46.73	0.00	3,419.37
MW - 15	10/02/09	3466.10	sheen	46.68	0.00	3,419.42
MW - 15	10/05/09	3466.10	-	46.73	0.00	3,419.37
MW - 15	10/09/09	3466.10	sheen	46.69	0.00	3,419.41
MW - 15	10/12/09	3466.10	-	46.74	0.00	3,419.36
MW - 15	10/22/09	3466.10	sheen	46.20	0.00	3,419.90
MW - 15	10/29/09	3466.10	sheen	46.68	0.00	3,419.42
MW - 15	11/06/09	3466.10	-	46.70	0.00	3,419.40
MW - 15	11/16/09	3466.10	-	46.78	0.00	3,419.32
MW - 15	12/22/09	3466.10	-	46.58	0.00	3,419.52
MW - 15	01/06/10	3466.10	-	46.70	0.00	3,419.40
MW - 15	02/08/10	3466.10	-	46.70	0.00	3,419.40
MW - 15	03/03/10	3466.10	-	46.69	0.00	3,419.41
MW - 15	05/11/10	3466.10	-	46.73	0.00	3,419.37
MW - 15	08/10/10	3466.10	-	46.72	0.00	3,419.38
MW - 15	11/09/10	3466.10	-	46.80	0.00	3,419.30
MW - 15	02/15/11	3466.10	-	46.81	0.00	3,419.29
MW - 15	05/05/11	3466.10	-	46.80	0.00	3,419.30
MW - 15	08/04/11	3466.10	-	46.83	0.00	3,419.27
MW - 15	11/21/11	3466.10	-	46.94	0.00	3,419.16
MW - 15	02/13/12	3466.10	-	46.84	0.00	3,419.26
MW - 15	05/29/12	3466.10	-	46.78	0.00	3,419.32
MW - 15	08/10/12	3466.10	-	46.88	0.00	3,419.22
MW - 15	11/06/12	3466.10	-	46.93	0.00	3,419.17
MW - 15	02/06/13	3466.10	-	46.86	0.00	3,419.24
MW - 15	06/05/13	3466.50	-	47.57	0.00	3,418.93
MW - 15	05/08/13	3466.10	-	46.85	0.00	3,419.25
MW - 15	08/01/13	3466.10	-	46.93	0.00	3,419.17
MW - 15	11/05/13	3466.10	-	46.89	0.00	3,419.21
MW - 15	02/26/14	3466.10	-	46.90	0.00	3,419.20
MW - 15	05/12/14	3466.10	-	46.94	0.00	3,419.16
MW - 15	07/23/14	3466.10	-	47.09	0.00	3,419.01
MW - 15	08/11/14	3466.10	-	47.11	0.00	3,418.99
MW - 15	10/28/14	3466.10	-	46.58	0.00	3,419.52
MW - 15	11/15/14	3466.10	-	46.23	0.00	3,419.87
MW - 15	02/18/15	3466.10	-	46.57	0.00	3,419.53
MW - 15	03/19/15	3466.10	-	46.57	0.00	3,419.53

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	04/16/15	3466.10	-	46.57	0.00	3,419.53
MW - 15	05/28/15	3466.10	-	46.60	0.00	3,419.50
MW - 15	07/21/15	3466.10	-	46.80	0.00	3,419.30
MW - 15	08/20/15	3466.10	-	46.88	0.00	3,419.22
MW - 15	09/11/15	3466.10	-	46.87	0.00	3,419.23
MW - 15	10/15/15	3466.10	-	46.84	0.00	3,419.26
MW - 15	11/30/15	3466.10	-	46.74	0.00	3,419.36
MW - 15	12/11/15	3466.10	-	46.72	0.00	3,419.38
MW - 15	01/19/16	3466.10	-	46.73	0.00	3,419.37
MW - 15	02/25/16	3466.10	-	46.74	0.00	3,419.36
MW - 15	03/17/16	3466.10	-	46.72	0.00	3,419.38
MW - 15	04/13/16	3466.10	-	46.71	0.00	3,419.39
MW - 15	06/02/16	3466.10	-	46.75	0.00	3,419.35
MW - 15	06/30/16	3466.10	-	46.86	0.00	3,419.24
MW - 15	07/26/16	3466.10	-	46.93	0.00	3,419.17
MW - 15	08/23/16	3466.10	-	46.88	0.00	3,419.22
MW - 15	09/12/16	3466.10	-	46.61	0.00	3,419.49
MW - 15	10/12/16	3466.10	-	46.47	0.00	3,419.63
MW - 15	12/01/16	3466.10	-	46.59	0.00	3,419.51
MW - 15	12/28/16	3466.10	-	46.60	0.00	3,419.50
MW - 15	01/25/17	3466.10	-	46.66	0.00	3,419.44
MW - 15	02/23/17	3466.10	-	46.59	0.00	3,419.51
MW - 15	03/30/17	3466.10	-	46.62	0.00	3,419.48
MW - 15	04/11/17	3466.10	-	46.63	0.00	3,419.47
MW - 15	05/04/17	3466.10	-	46.62	0.00	3,419.48
MW - 15	06/07/17	3466.10	-	46.67	0.00	3,419.43
MW - 15	07/06/17	3466.10	-	47.73	0.00	3,418.37
MW - 15	08/23/17	3466.10	-	46.84	0.00	3,419.26
MW - 15	10/09/17	3466.10	-	46.88	0.00	3,419.22
MW - 15	11/29/17	3466.10	-	46.92	0.00	3,419.18
MW - 15	12/26/17	3466.10	-	46.95	0.00	3,419.15
MW - 15	02/28/18	3466.10	-	46.96	0.00	3,419.14
MW - 15	05/24/18	3466.10	-	48.19	0.00	3,417.91
MW - 15	06/28/18	3466.10	-	47.09	0.00	3,419.01
MW - 15	08/21/18	3466.10	-	47.21	0.00	3,418.89
MW - 15	12/05/18	3466.10	-	47.22	0.00	3,418.88
MW - 15	12/31/18	3466.10	-	47.25	0.00	3,418.85
MW - 15	01/18/19	3466.10	-	47.23	0.00	3,418.87
MW - 15	02/25/19	3466.10	-	47.22	0.00	3,418.88
MW - 15	05/21/19	3466.10	-	47.10	0.00	3,419.00

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	07/02/19	3466.10	-	47.12	0.00	3,418.98
MW - 15	07/30/19	3466.10	-	47.20	0.00	3,418.90
MW - 15	08/21/19	3466.10	-	47.25	0.00	3,418.85
MW - 15	12/10/19	3466.10	-	47.02	0.00	3,419.08
MW - 15	01/21/20	3466.10	-	47.03	0.00	3,419.07
MW - 15	02/25/20	3466.10	-	47.02	0.00	3,419.08
MW - 15	06/03/20	3466.10	-	46.99	0.00	3,419.11
MW - 15	09/22/20	3466.10	-	47.28	0.00	3,418.82
MW - 15	11/13/20	3466.10	-	47.33	0.00	3,418.77
MW - 16	12/07/04	3465.93	-	46.21	0.00	3,419.72
MW - 16	12/10/04	3465.93	-	46.25	0.00	3,419.68
MW - 16	03/09/05	3465.93	-	46.25	0.00	3,419.68
MW - 16	06/09/05	3465.93	-	46.31	0.00	3,419.62
MW - 16	08/09/05	3465.93	-	46.29	0.00	3,419.64
MW - 16	09/01/05	3465.93	-	46.13	0.00	3,419.80
MW - 16	09/08/05	3465.93	-	46.15	0.00	3,419.78
MW - 16	12/01/05	3465.93	-	46.27	0.00	3,419.66
MW - 16	03/07/06	3465.93	-	46.34	0.00	3,419.59
MW - 16	06/06/06	3465.93	-	46.46	0.00	3,419.47
MW - 16	09/15/06	3465.93	-	46.38	0.00	3,419.55
MW - 16	11/20/06	3465.93	-	46.42	0.00	3,419.51
MW - 16	02/23/07	3465.93	-	46.49	0.00	3,419.44
MW - 16	05/18/07	3465.93	-	46.43	0.00	3,419.50
MW - 16	08/21/07	3465.93	-	46.50	0.00	3,419.43
MW - 16	11/05/07	3465.93	-	46.49	0.00	3,419.44
MW - 16	02/08/08	3465.93	-	46.44	0.00	3,419.49
MW - 16	05/08/08	3465.93	-	46.40	0.00	3,419.53
MW - 16	08/13/08	3465.93	-	46.68	0.00	3,419.25
MW - 16	11/06/08	3465.93	-	46.73	0.00	3,419.20
MW - 16	02/04/09	3465.93	-	46.69	0.00	3,419.24
MW - 16	05/08/09	3465.93	-	46.58	0.00	3,419.35
MW - 16	08/05/09	3465.93	-	46.73	0.00	3,419.20
MW - 16	11/16/09	3465.93	-	46.83	0.00	3,419.10
MW - 16	01/06/10	3465.93	-	46.70	0.00	3,419.23
MW - 16	02/08/10	3465.93	-	46.70	0.00	3,419.23
MW - 16	05/11/10	3465.93	-	46.69	0.00	3,419.24
MW - 16	08/10/10	3465.93	-	46.69	0.00	3,419.24
MW - 16	11/09/10	3465.93	-	46.84	0.00	3,419.09
MW - 16	02/15/11	3465.93	-	46.83	0.00	3,419.10

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 16	05/05/11	3465.93	-	46.85	0.00	3,419.08
MW - 16	08/04/11	3465.93	-	46.87	0.00	3,419.06
MW - 16	11/21/11	3465.93	-	47.04	0.00	3,418.89
MW - 16	02/13/12	3465.93	-	46.90	0.00	3,419.03
MW - 16	05/29/12	3465.93	-	46.83	0.00	3,419.10
MW - 16	08/10/12	3465.93	-	46.94	0.00	3,418.99
MW - 16	11/06/12	3465.93	-	47.00	0.00	3,418.93
MW - 16	02/06/13	3465.93	-	46.93	0.00	3,419.00
MW - 16	05/08/13	3465.93	-	46.91	0.00	3,419.02
MW - 16	08/01/13	3465.93	-	47.03	0.00	3,418.90
MW - 16	11/05/13	3465.93	-	47.01	0.00	3,418.92
MW - 16	02/26/14	3465.93	-	46.95	0.00	3,418.98
MW - 16	04/10/14	3465.93	45.70	47.62	1.92	3,419.94
MW - 16	04/17/14	3465.93	45.71	47.62	1.91	3,419.93
MW - 16	04/17/14	3465.93	45.91	46.41	0.50	3,419.95
MW - 16	04/24/14	3465.93	-	47.29	0.00	3,418.64
MW - 16	05/12/14	3465.93	-	47.03	0.00	3,418.90
MW - 16	05/27/14	3465.93	-	47.05	0.00	3,418.88
MW - 16	06/18/14	3465.93	-	47.18	0.00	3,418.75
MW - 16	07/23/14	3465.93	-	47.20	0.00	3,418.73
MW - 16	08/11/14	3465.93	-	47.24	0.00	3,418.69
MW - 16	10/28/14	3465.93	-	46.75	0.00	3,419.18
MW - 16	11/15/14	3465.93	-	46.70	0.00	3,419.23
MW - 16	02/18/15	3465.93	-	46.64	0.00	3,419.29
MW - 16	03/19/15	3465.93	-	46.68	0.00	3,419.25
MW - 16	04/16/15	3465.93	-	46.64	0.00	3,419.29
MW - 16	05/28/15	3465.93	-	46.74	0.00	3,419.19
MW - 16	07/21/15	3465.93	-	46.92	0.00	3,419.01
MW - 16	08/20/15	3465.93	-	47.01	0.00	3,418.92
MW - 16	09/11/15	3465.93	-	46.99	0.00	3,418.94
MW - 16	10/15/15	3465.93	-	46.96	0.00	3,418.97
MW - 16	11/30/15	3465.93	-	46.85	0.00	3,419.08
MW - 16	12/11/15	3465.93	-	46.90	0.00	3,419.03
MW - 16	01/19/16	3465.93	-	46.78	0.00	3,419.15
MW - 16	02/25/16	3465.93	-	46.83	0.00	3,419.10
MW - 16	03/17/16	3465.93	-	46.80	0.00	3,419.13
MW - 16	04/13/16	3465.93	-	46.77	0.00	3,419.16
MW - 16	06/02/16	3465.93	-	46.88	0.00	3,419.05
MW - 16	06/30/16	3465.93	-	46.97	0.00	3,418.96
MW - 16	07/26/16	3465.93	-	47.07	0.00	3,418.86

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 16	09/12/16	3465.93	-	47.16	0.00	3,418.77
MW - 16	10/12/16	3465.93	-	46.85	0.00	3,419.08
MW - 16	12/01/16	3465.93	-	47.01	0.00	3,418.92
MW - 16	12/28/16	3465.93	-	47.19	0.00	3,418.74
MW - 16	01/25/17	3465.93	-	47.13	0.00	3,418.80
MW - 16	02/23/17	3465.93	-	47.02	0.00	3,418.91
MW - 16	03/30/17	3465.93	-	47.04	0.00	3,418.89
MW - 16	04/11/17	3465.93	-	47.01	0.00	3,418.92
MW - 16	05/04/17	3465.93	-	46.99	0.00	3,418.94
MW - 16	06/07/17	3465.93	-	47.00	0.00	3,418.93
MW - 16	07/06/17	3465.93	-	47.04	0.00	3,418.89
MW - 16	08/23/17	3465.93	-	47.12	0.00	3,418.81
MW - 16	10/09/17	3465.93	-	47.11	0.00	3,418.82
MW - 16	11/29/17	3465.93	-	47.21	0.00	3,418.72
MW - 16	12/26/17	3465.93	-	47.53	0.00	3,418.40
MW - 16	02/28/18	3465.93	-	47.43	0.00	3,418.50
MW - 16	05/24/18	3465.93	-	47.52	0.00	3,418.41
MW - 16	06/28/18	3465.93	-	47.58	0.00	3,418.35
MW - 16	08/21/18	3465.93	-	47.70	0.00	3,418.23
MW - 16	12/05/18	3465.93	-	47.76	0.00	3,418.17
MW - 16	12/31/18	3465.93	-	48.26	0.00	3,417.67
MW - 16	01/18/19	3465.93	-	47.99	0.00	3,417.94
MW - 16	02/25/19	3465.93	-	47.84	0.00	3,418.09
MW - 16	05/21/19	3465.93	-	47.60	0.00	3,418.33
MW - 16	07/02/19	3465.93	-	47.70	0.00	3,418.23
MW - 16	07/30/19	3465.93	-	47.82	0.00	3,418.11
MW - 16	08/21/19	3465.93	-	47.83	0.00	3,418.10
MW - 16	12/10/19	3465.93	-	47.71	0.00	3,418.22
MW - 16	01/21/20	3465.93	-	48.04	0.00	3,417.89
MW - 16	02/25/20	3465.93	-	47.89	0.00	3,418.04
MW - 16	06/02/20	3465.93	-	47.67	0.00	3,418.26
MW - 16	09/21/20	3465.93	-	48.09	0.00	3,417.84
MW - 16	11/13/20	3465.93	-	48.08	0.00	3,417.85
MW - 17	12/07/04	3468.68	-	49.10	0.00	3,419.58
MW - 17	12/10/04	3468.68	-	49.13	0.00	3,419.55
MW - 17	03/09/05	3468.68	-	49.12	0.00	3,419.56
MW - 17	06/09/05	3468.68	-	49.19	0.00	3,419.49
MW - 17	08/09/05	3468.68	-	49.18	0.00	3,419.50
MW - 17	09/01/05	3468.68	-	49.03	0.00	3,419.65

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	09/08/05	3468.68	-	49.05	0.00	3,419.63
MW - 17	12/01/05	3468.68	-	49.16	0.00	3,419.52
MW - 17	03/07/06	3468.68	-	49.23	0.00	3,419.45
MW - 17	06/06/06	3468.68	-	49.34	0.00	3,419.34
MW - 17	09/15/06	3468.68	-	49.30	0.00	3,419.38
MW - 17	11/20/06	3468.68	-	49.33	0.00	3,419.35
MW - 17	02/23/07	3468.68	-	49.38	0.00	3,419.30
MW - 17	05/18/07	3468.68	-	49.34	0.00	3,419.34
MW - 17	08/21/07	3468.68	-	49.41	0.00	3,419.27
MW - 17	11/05/07	3468.68	-	49.39	0.00	3,419.29
MW - 17	02/08/08	3468.68	-	49.34	0.00	3,419.34
MW - 17	05/08/08	3468.68	-	49.31	0.00	3,419.37
MW - 17	08/13/08	3468.68	-	49.55	0.00	3,419.13
MW - 17	11/06/08	3468.68	-	49.62	0.00	3,419.06
MW - 17	02/04/09	3468.68	-	49.61	0.00	3,419.07
MW - 17	05/08/09	3468.68	-	49.49	0.00	3,419.19
MW - 17	08/05/09	3468.68	-	49.68	0.00	3,419.00
MW - 17	11/16/09	3468.68	-	49.72	0.00	3,418.96
MW - 17	01/06/10	3468.68	-	49.62	0.00	3,419.06
MW - 17	02/08/10	3468.68	-	49.62	0.00	3,419.06
MW - 17	05/11/10	3468.68	-	49.63	0.00	3,419.05
MW - 17	08/10/10	3468.68	-	49.63	0.00	3,419.05
MW - 17	11/09/10	3468.68	-	49.70	0.00	3,418.98
MW - 17	02/15/11	3468.68	-	49.73	0.00	3,418.95
MW - 17	05/05/11	3468.68	-	49.72	0.00	3,418.96
MW - 17	08/04/11	3468.68	-	49.72	0.00	3,418.96
MW - 17	11/21/11	3468.68	-	49.94	0.00	3,418.74
MW - 17	02/13/12	3468.68	-	49.82	0.00	3,418.86
MW - 17	05/29/12	3468.68	-	49.75	0.00	3,418.93
MW - 17	08/10/12	3468.68	-	49.84	0.00	3,418.84
MW - 17	11/06/12	3468.68	-	49.90	0.00	3,418.78
MW - 17	02/06/13	3468.68	-	49.83	0.00	3,418.85
MW - 17	05/08/13	3468.68	-	49.83	0.00	3,418.85
MW - 17	08/01/13	3468.68	-	49.90	0.00	3,418.78
MW - 17	11/05/13	3468.68	-	49.91	0.00	3,418.77
MW - 17	02/26/14	3468.68	-	49.86	0.00	3,418.82
MW - 17	05/12/14	3468.68	-	49.93	0.00	3,418.75
MW - 17	07/11/14	3468.68	-	50.08	0.00	3,418.60
MW - 17	07/23/14	3468.68	-	50.02	0.00	3,418.66
MW - 17	08/11/14	3468.68	-	50.08	0.00	3,418.60

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	10/28/14	3468.68	-	49.62	0.00	3,419.06
MW - 17	11/15/14	3468.68	-	49.59	0.00	3,419.09
MW - 17	02/18/15	3468.68	-	49.52	0.00	3,419.16
MW - 17	03/19/15	3468.68	-	49.53	0.00	3,419.15
MW - 17	04/16/15	3468.68	-	49.51	0.00	3,419.17
MW - 17	05/28/15	3468.68	-	49.62	0.00	3,419.06
MW - 17	07/21/15	3468.68	-	49.80	0.00	3,418.88
MW - 17	08/20/15	3468.68	-	49.87	0.00	3,418.81
MW - 17	09/11/15	3468.68	-	49.86	0.00	3,418.82
MW - 17	10/15/15	3468.68	-	49.83	0.00	3,418.85
MW - 17	11/30/15	3468.68	-	49.76	0.00	3,418.92
MW - 17	12/11/15	3468.68	-	49.69	0.00	3,418.99
MW - 17	01/19/16	3468.68	-	49.69	0.00	3,418.99
MW - 17	02/25/16	3468.68	-	49.71	0.00	3,418.97
MW - 17	03/17/16	3468.68	-	49.68	0.00	3,419.00
MW - 17	04/13/16	3468.68	-	49.67	0.00	3,419.01
MW - 17	06/02/16	3468.68	-	49.76	0.00	3,418.92
MW - 17	06/30/16	3468.68	-	49.84	0.00	3,418.84
MW - 17	07/26/16	3468.68	-	49.93	0.00	3,418.75
MW - 17	09/12/16	3468.68	-	49.72	0.00	3,418.96
MW - 17	10/12/16	3468.68	-	49.54	0.00	3,419.14
MW - 17	12/01/16	3468.68	-	49.59	0.00	3,419.09
MW - 17	12/28/16	3468.68	-	49.17	0.00	3,419.51
MW - 17	01/25/17	3468.68	-	49.62	0.00	3,419.06
MW - 17	02/23/17	3468.68	-	49.56	0.00	3,419.12
MW - 17	03/30/17	3468.68	-	49.58	0.00	3,419.10
MW - 17	04/11/17	3468.68	-	49.57	0.00	3,419.11
MW - 17	05/04/17	3468.68	-	49.58	0.00	3,419.10
MW - 17	06/07/17	3468.68	-	49.63	0.00	3,419.05
MW - 17	07/06/17	3468.68	-	49.69	0.00	3,418.99
MW - 17	08/23/17	3468.68	-	49.78	0.00	3,418.90
MW - 17	10/09/17	3468.68	-	49.91	0.00	3,418.77
MW - 17	11/29/17	3468.68	-	49.94	0.00	3,418.74
MW - 17	12/26/17	3468.68	-	49.97	0.00	3,418.71
MW - 17	02/28/18	3468.68	-	49.97	0.00	3,418.71
MW - 17	05/24/18	3468.68	-	47.79	0.00	3,420.89
MW - 17	06/28/18	3468.68	-	50.09	0.00	3,418.59
MW - 17	08/21/18	3468.68	-	50.19	0.00	3,418.49
MW - 17	12/05/18	3468.68	-	50.24	0.00	3,418.44
MW - 17	12/31/18	3468.68	-	50.28	0.00	3,418.40

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	01/18/19	3468.68	-	50.24	0.00	3,418.44
MW - 17	02/25/19	3468.68	-	50.25	0.00	3,418.43
MW - 17	05/21/19	3468.68	-	50.05	0.00	3,418.63
MW - 17	07/02/19	3468.68	-	50.11	0.00	3,418.57
MW - 17	07/30/19	3468.68	-	50.17	0.00	3,418.51
MW - 17	08/21/19	3468.68	-	50.22	0.00	3,418.46
MW - 17	12/10/19	3468.68	-	50.01	0.00	3,418.67
MW - 17	01/21/20	3468.68	-	50.00	0.00	3,418.68
MW - 17	02/25/20	3468.68	-	49.99	0.00	3,418.69
MW - 17	06/02/20	3468.68	-	49.96	0.00	3,418.72
MW - 17	09/22/20	3468.68	-	50.28	0.00	3,418.40
MW - 17	11/13/20	3468.68	-	50.31	0.00	3,418.37
RW - 1	01/06/03	3465.02	-	46.11	0.00	3,418.91
RW - 1	01/07/03	3465.02	-	46.14	0.00	3,418.88
RW - 1	01/13/03	3465.02	-	46.12	0.00	3,418.90
RW - 1	01/21/03	3465.02	-	46.09	0.00	3,418.93
RW - 1	01/27/03	3465.02	-	46.08	0.00	3,418.94
RW - 1	02/10/03	3465.02	NM	NM	NM	NM
RW - 1	04/03/03	3465.02	46.07	46.08	0.01	3,418.95
RW - 1	05/15/03	3465.02	-	46.12	0.00	3,418.90
RW - 1	08/26/03	3465.02	-	46.29	0.00	3,418.73
RW - 1	11/24/03	3465.02	-	46.49	0.00	3,418.53
RW - 1	02/18/04	3465.02	-	46.30	0.00	3,418.72
RW - 1	04/15/04	3465.02	-	46.75	0.00	3,418.27
RW - 1	04/19/04	3465.02	-	46.15	0.00	3,418.87
RW - 1	05/12/04	3465.02	-	46.03	0.00	3,418.99
RW - 1	06/22/04	3465.02	46.02	46.03	0.01	3,419.00
RW - 1	07/07/04	3465.02	46.01	46.02	0.01	3,419.01
RW - 1	07/13/04	3465.02	46.01	46.02	0.01	3,419.01
RW - 1	07/21/04	3465.02	45.45	45.46	0.01	3,419.57
RW - 1	08/11/04	3465.02	-	45.49	0.00	3,419.53
RW - 1	08/17/04	3465.02	sheen	45.53	0.00	3,419.49
RW - 1	08/23/04	3465.02	-	45.49	0.00	3,419.53
RW - 1	09/13/04	3465.02	sheen	45.50	0.00	3,419.52
RW - 1	09/20/04	3465.02	-	45.51	0.00	3,419.51
RW - 1	09/29/04	3465.02	sheen	45.60	0.00	3,419.42
RW - 1	10/04/04	3465.02	sheen	45.57	0.00	3,419.45
RW - 1	10/12/04	3465.02	sheen	44.41	0.00	3,420.61
RW - 1	10/19/04	3465.02	sheen	44.50	0.00	3,420.52

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	10/25/04	3465.02	sheen	44.54	0.00	3,420.48
RW - 1	11/01/04	3465.02	sheen	44.81	0.00	3,420.21
RW - 1	11/09/04	3465.02	sheen	44.79	0.00	3,420.23
RW - 1	11/17/04	3465.02	sheen	44.91	0.00	3,420.11
RW - 1	11/29/04	3465.02	sheen	45.02	0.00	3,420.00
RW - 1	12/07/04	3465.02	-	44.95	0.00	3,420.07
RW - 1	12/13/04	3465.02	sheen	45.00	0.00	3,420.02
RW - 1	12/20/04	3465.02	sheen	44.94	0.00	3,420.08
RW - 1	12/30/04	3465.02	sheen	45.04	0.00	3,419.98
RW - 1	01/03/05	3465.02	sheen	45.04	0.00	3,419.98
RW - 1	01/10/05	3465.02	sheen	44.80	0.00	3,420.22
RW - 1	01/17/05	3465.02	sheen	45.07	0.00	3,419.95
RW - 1	01/24/05	3465.02	sheen	45.07	0.00	3,419.95
RW - 1	01/31/05	3465.02	sheen	45.08	0.00	3,419.94
RW - 1	02/07/05	3465.02	sheen	45.06	0.00	3,419.96
RW - 1	02/14/05	3465.02	sheen	45.07	0.00	3,419.95
RW - 1	02/21/05	3465.02	sheen	45.07	0.00	3,419.95
RW - 1	02/28/05	3465.02	sheen	45.10	0.00	3,419.92
RW - 1	03/07/05	3465.02	sheen	45.04	0.00	3,419.98
RW - 1	03/09/05	3465.02	-	45.04	0.00	3,419.98
RW - 1	03/16/05	3465.02	sheen	45.11	0.00	3,419.91
RW - 1	03/21/05	3465.02	sheen	45.10	0.00	3,419.92
RW - 1	03/28/05	3465.02	sheen	45.09	0.00	3,419.93
RW - 1	04/04/05	3465.02	sheen	45.09	0.00	3,419.93
RW - 1	04/13/05	3465.02	sheen	45.11	0.00	3,419.91
RW - 1	04/18/05	3465.02	sheen	45.19	0.00	3,419.83
RW - 1	05/23/05	3465.02	sheen	45.12	0.00	3,419.90
RW - 1	06/09/05	3465.02	-	45.15	0.00	3,419.87
RW - 1	06/21/05	3465.02	sheen	45.19	0.00	3,419.83
RW - 1	07/14/05	3465.02	sheen	45.20	0.00	3,419.82
RW - 1	07/26/05	3465.02	sheen	45.20	0.00	3,419.82
RW - 1	08/09/05	3465.02	-	44.85	0.00	3,420.17
RW - 1	08/25/05	3465.02	sheen	44.72	0.00	3,420.30
RW - 1	09/01/05	3465.02	-	44.77	0.00	3,420.25
RW - 1	09/08/05	3465.02	44.83	44.84	0.01	3,420.19
RW - 1	09/13/05	3465.02	sheen	44.86	0.00	3,420.16
RW - 1	09/26/05	3465.02	sheen	44.97	0.00	3,420.05
RW - 1	10/11/05	3465.02	sheen	45.05	0.00	3,419.97
RW - 1	10/25/05	3465.02	sheen	45.00	0.00	3,420.02
RW - 1	11/10/05	3465.02	-	45.01	0.00	3,420.01

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	11/14/05	3465.02	sheen	45.06	0.00	3,419.96
RW - 1	12/01/05	3465.02	-	45.09	0.00	3,419.93
RW - 1	12/28/05	3465.02	sheen	45.14	0.00	3,419.88
RW - 1	01/11/06	3465.02	sheen	45.14	0.00	3,419.88
RW - 1	01/25/06	3465.02	sheen	45.21	0.00	3,419.81
RW - 1	02/08/06	3465.02	sheen	45.13	0.00	3,419.89
RW - 1	02/23/06	3465.02	sheen	45.15	0.00	3,419.87
RW - 1	03/07/06	3465.02	-	45.16	0.00	3,419.86
RW - 1	03/08/06	3465.02	sheen	45.13	0.00	3,419.89
RW - 1	03/20/06	3465.02	sheen	45.16	0.00	3,419.86
RW - 1	03/30/06	3465.02	-	45.08	0.00	3,419.94
RW - 1	05/03/06	3465.02	sheen	45.21	0.00	3,419.81
RW - 1	06/01/06	3465.02	sheen	45.22	0.00	3,419.80
RW - 1	06/06/06	3465.02	-	45.23	0.00	3,419.79
RW - 1	06/14/06	3465.02	sheen	45.22	0.00	3,419.80
RW - 1	07/13/06	3465.02	sheen	45.52	0.00	3,419.50
RW - 1	07/27/06	3465.02	-	15.46	0.00	3,449.56
RW - 1	08/10/06	3465.02	sheen	45.27	0.00	3,419.75
RW - 1	09/15/06	3465.02	-	45.23	0.00	3,419.79
RW - 1	10/03/06	3465.02	sheen	45.25	0.00	3,419.77
RW - 1	11/20/06	3465.02	-	45.31	0.00	3,419.71
RW - 1	01/11/07	3465.02	sheen	45.37	0.00	3,419.65
RW - 1	02/15/07	3465.02	-	45.28	0.00	3,419.74
RW - 1	02/23/07	3465.02	-	45.29	0.00	3,419.73
RW - 1	03/08/07	3465.02	sheen	45.29	0.00	3,419.73
RW - 1	03/28/07	3465.02	sheen	45.26	0.00	3,419.76
RW - 1	04/25/07	3465.02	-	45.28	0.00	3,419.74
RW - 1	05/18/07	3465.02	-	45.14	0.00	3,419.88
RW - 1	07/12/07	3465.02	-	45.21	0.00	3,419.81
RW - 1	08/21/07	3465.02	-	45.26	0.00	3,419.76
RW - 1	11/05/07	3465.02	-	45.38	0.00	3,419.64
RW - 1	02/08/08	3465.02	-	45.38	0.00	3,419.64
RW - 1	05/08/08	3465.02	-	45.28	0.00	3,419.74
RW - 1	08/13/08	3465.02	-	51.48	0.00	3,413.54
RW - 1	09/30/08	3465.02	-	45.57	0.00	3,419.45
RW - 1	10/08/08	3465.02	-	45.52	0.00	3,419.50
RW - 1	10/24/08	3465.02	-	45.48	0.00	3,419.54
RW - 1	11/06/08	3465.02	-	45.49	0.00	3,419.53
RW - 1	12/17/08	3465.02	-	45.53	0.00	3,419.49
RW - 1	12/30/08	3465.02	-	45.51	0.00	3,419.51

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	01/07/09	3465.02	-	45.51	0.00	3,419.51
RW - 1	01/22/09	3465.02	-	44.49	0.00	3,420.53
RW - 1	01/26/09	3465.02	-	45.48	0.00	3,419.54
RW - 1	02/05/09	3465.02	-	45.53	0.00	3,419.49
RW - 1	02/13/09	3465.02	-	45.48	0.00	3,419.54
RW - 1	02/27/09	3465.02	-	45.49	0.00	3,419.53
RW - 1	03/03/09	3465.02	-	45.55	0.00	3,419.47
RW - 1	03/10/09	3465.02	-	45.49	0.00	3,419.53
RW - 1	03/18/09	3465.02	-	45.45	0.00	3,419.57
RW - 1	03/27/09	3465.02	-	45.41	0.00	3,419.61
RW - 1	04/02/09	3465.02	-	45.54	0.00	3,419.48
RW - 1	04/07/09	3465.02	-	45.41	0.00	3,419.61
RW - 1	04/14/09	3465.02	-	45.40	0.00	3,419.62
RW - 1	04/28/09	3465.02	-	45.43	0.00	3,419.59
RW - 1	05/07/09	3465.02	-	45.37	0.00	3,419.65
RW - 1	05/08/09	3465.02	-	45.37	0.00	3,419.65
RW - 1	06/16/09	3465.02	-	45.39	0.00	3,419.63
RW - 1	06/26/09	3465.02	-	45.42	0.00	3,419.60
RW - 1	06/30/09	3465.02	-	43.39	0.00	3,421.63
RW - 1	07/07/09	3465.02	-	45.41	0.00	3,419.61
RW - 1	07/28/09	3465.02	-	45.39	0.00	3,419.63
RW - 1	07/31/09	3465.02	-	45.45	0.00	3,419.57
RW - 1	08/05/09	3465.02	-	45.44	0.00	3,419.58
RW - 1	08/06/09	3465.02	-	45.44	0.00	3,419.58
RW - 1	08/13/09	3465.02	-	45.42	0.00	3,419.60
RW - 1	08/25/09	3465.02	-	45.59	0.00	3,419.43
RW - 1	09/01/09	3465.02	-	45.54	0.00	3,419.48
RW - 1	09/08/09	3465.02	-	45.40	0.00	3,419.62
RW - 1	09/15/09	3465.02	-	45.42	0.00	3,419.60
RW - 1	09/25/09	3465.02	sheen	45.55	0.00	3,419.47
RW - 1	09/28/09	3465.02	-	45.64	0.00	3,419.38
RW - 1	10/02/09	3465.02	sheen	45.58	0.00	3,419.44
RW - 1	10/05/09	3465.02	-	45.60	0.00	3,419.42
RW - 1	10/09/09	3465.02	sheen	45.51	0.00	3,419.51
RW - 1	10/12/09	3465.02	-	45.60	0.00	3,419.42
RW - 1	10/22/09	3465.02	sheen	45.55	0.00	3,419.47
RW - 1	10/29/09	3465.02	sheen	45.54	0.00	3,419.48
RW - 1	11/06/09	3465.02	sheen	45.55	0.00	3,419.47
RW - 1	11/16/09	3465.02	-	45.67	0.00	3,419.35
RW - 1	11/25/09	3465.02	-	45.61	0.00	3,419.41

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	12/11/09	3465.02	-	45.55	0.00	3,419.47
RW - 1	12/22/09	3465.02	-	45.43	0.00	3,419.59
RW - 1	01/06/10	3465.02	-	45.64	0.00	3,419.38
RW - 1	01/20/10	3465.02	-	45.49	0.00	3,419.53
RW - 1	02/08/10	3465.02	-	45.59	0.00	3,419.43
RW - 1	03/03/10	3465.02	-	45.65	0.00	3,419.37
RW - 1	03/16/10	3465.02	-	45.55	0.00	3,419.47
RW - 1	03/23/10	3465.02	-	45.61	0.00	3,419.41
RW - 1	04/05/10	3465.02	-	45.49	0.00	3,419.53
RW - 1	04/15/10	3465.02	-	45.61	0.00	3,419.41
RW - 1	05/11/10	3465.02	-	45.63	0.00	3,419.39
RW - 1	05/26/10	3465.02	-	45.53	0.00	3,419.49
RW - 1	06/08/10	3465.02	-	45.53	0.00	3,419.49
RW - 1	06/16/10	3465.02	sheen	45.51	0.00	3,419.51
RW - 1	06/25/10	3465.02	-	45.56	0.00	3,419.46
RW - 1	07/08/10	3465.02	sheen	45.59	0.00	3,419.43
RW - 1	07/13/10	3465.02	sheen	45.63	0.00	3,419.39
RW - 1	07/28/10	3465.02	sheen	45.43	0.00	3,419.59
RW - 1	08/04/10	3465.02	sheen	45.45	0.00	3,419.57
RW - 1	08/10/10	3465.02	-	45.69	0.00	3,419.33
RW - 1	08/19/10	3465.02	sheen	45.53	0.00	3,419.49
RW - 1	08/27/10	3465.02	sheen	45.52	0.00	3,419.50
RW - 1	09/03/10	3465.02	-	45.72	0.00	3,419.30
RW - 1	09/09/10	3465.02	-	45.70	0.00	3,419.32
RW - 1	09/17/10	3465.02	sheen	45.48	0.00	3,419.54
RW - 1	10/01/10	3465.02	-	45.71	0.00	3,419.31
RW - 1	10/06/10	3465.02	-	45.70	0.00	3,419.32
RW - 1	10/13/10	3465.02	sheen	45.60	0.00	3,419.42
RW - 1	10/26/10	3465.02	-	45.70	0.00	3,419.32
RW - 1	11/05/10	3465.02	sheen	45.62	0.00	3,419.40
RW - 1	11/09/10	3465.02	-	45.70	0.00	3,419.32
RW - 1	11/12/10	3465.02	sheen	45.59	0.00	3,419.43
RW - 1	12/10/10	3465.02	sheen	45.56	0.00	3,419.46
RW - 1	12/13/10	3465.02	-	45.70	0.00	3,419.32
RW - 1	01/27/11	3465.02	-	45.70	0.00	3,419.32
RW - 1	02/15/11	3465.02	-	45.73	0.00	3,419.29
RW - 1	05/05/11	3465.02	-	45.72	0.00	3,419.30
RW - 1	05/12/11	3465.02	-	45.65	0.00	3,419.37
RW - 1	05/16/11	3465.02	-	45.67	0.00	3,419.35
RW - 1	05/26/11	3465.02	-	45.53	0.00	3,419.49

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	06/09/11	3465.02	-	45.62	0.00	3,419.40
RW - 1	06/29/11	3465.02	-	45.65	0.00	3,419.37
RW - 1	07/05/11	3465.02	-	45.66	0.00	3,419.36
RW - 1	07/15/11	3465.02	-	45.47	0.00	3,419.55
RW - 1	07/22/11	3465.02	-	45.50	0.00	3,419.52
RW - 1	07/28/11	3465.02	-	45.51	0.00	3,419.51
RW - 1	08/04/11	3465.02	-	45.74	0.00	3,419.28
RW - 1	08/11/11	3465.02	-	45.70	0.00	3,419.32
RW - 1	08/24/11	3465.02	-	45.75	0.00	3,419.27
RW - 1	09/02/11	3465.02	-	45.83	0.00	3,419.19
RW - 1	09/09/11	3465.02	-	46.01	0.00	3,419.01
RW - 1	09/23/11	3465.02	-	46.37	0.00	3,418.65
RW - 1	11/21/11	3465.02	-	45.90	0.00	3,419.12
RW - 1	11/28/11	3465.02	-	45.92	0.00	3,419.10
RW - 1	12/09/11	3465.02	-	45.93	0.00	3,419.09
RW - 1	12/21/11	3465.02	-	45.85	0.00	3,419.17
RW - 1	01/26/12	3465.02	-	45.81	0.00	3,419.21
RW - 1	02/02/12	3465.02	-	45.75	0.00	3,419.27
RW - 1	02/07/12	3465.02	-	45.80	0.00	3,419.22
RW - 1	02/13/12	3465.02	-	45.76	0.00	3,419.26
RW - 1	03/07/12	3465.02	-	45.76	0.00	3,419.26
RW - 1	03/23/12	3465.02	-	45.69	0.00	3,419.33
RW - 1	03/30/12	3465.02	-	45.80	0.00	3,419.22
RW - 1	04/05/12	3465.02	-	45.70	0.00	3,419.32
RW - 1	04/13/12	3465.02	-	45.72	0.00	3,419.30
RW - 1	04/26/12	3465.02	-	45.82	0.00	3,419.20
RW - 1	05/03/12	3465.02	-	46.02	0.00	3,419.00
RW - 1	05/07/12	3465.02	-	45.73	0.00	3,419.29
RW - 1	05/29/12	3465.02	-	45.63	0.00	3,419.39
RW - 1	06/08/12	3465.02	-	45.70	0.00	3,419.32
RW - 1	06/15/12	3465.02	-	45.72	0.00	3,419.30
RW - 1	06/22/12	3465.02	-	45.70	0.00	3,419.32
RW - 1	06/29/12	3465.02	-	45.74	0.00	3,419.28
RW - 1	07/03/12	3465.02	-	45.75	0.00	3,419.27
RW - 1	08/10/12	3465.02	-	45.80	0.00	3,419.22
RW - 1	08/16/12	3465.02	-	45.85	0.00	3,419.17
RW - 1	09/12/12	3465.02	-	45.88	0.00	3,419.14
RW - 1	10/17/12	3465.02	-	45.79	0.00	3,419.23
RW - 1	10/12/12	3465.02	-	45.97	0.00	3,419.05
RW - 1	10/24/12	3465.02	-	45.79	0.00	3,419.23

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	11/06/12	3465.02	-	45.75	0.00	3,419.27
RW - 1	12/14/12	3465.02	-	45.73	0.00	3,419.29
RW - 1	12/21/12	3465.02	-	45.78	0.00	3,419.24
RW - 1	02/06/13	3465.02	-	45.70	0.00	3,419.32
RW - 1	02/20/13	3465.02	-	45.67	0.00	3,419.35
RW - 1	03/29/13	3465.02	-	45.70	0.00	3,419.32
RW - 1	04/03/13	3465.02	-	45.70	0.00	3,419.32
RW - 1	04/09/13	3465.02	-	45.96	0.00	3,419.06
RW - 1	04/19/13	3465.02	-	45.72	0.00	3,419.30
RW - 1	04/24/13	3465.02	-	45.70	0.00	3,419.32
RW - 1	05/02/13	3465.02	-	45.70	0.00	3,419.32
RW - 1	05/08/13	3465.02	-	45.68	0.00	3,419.34
RW - 1	05/10/13	3465.02	-	45.71	0.00	3,419.31
RW - 1	05/17/13	3465.02	-	45.69	0.00	3,419.33
RW - 1	05/22/13	3465.02	-	45.69	0.00	3,419.33
RW - 1	05/30/13	3465.02	-	45.68	0.00	3,419.34
RW - 1	06/05/13	3465.02	-	45.69	0.00	3,419.33
RW - 1	06/12/13	3465.02	-	45.70	0.00	3,419.32
RW - 1	06/18/13	3465.02	-	45.70	0.00	3,419.32
RW - 1	06/25/13	3465.02	-	45.70	0.00	3,419.32
RW - 1	07/02/13	3465.02	-	45.75	0.00	3,419.27
RW - 1	07/09/13	3465.02	-	45.74	0.00	3,419.28
RW - 1	07/26/13	3465.02	-	45.77	0.00	3,419.25
RW - 1	07/29/13	3465.02	-	45.77	0.00	3,419.25
RW - 1	08/01/13	3465.02	-	45.76	0.00	3,419.26
RW - 1	08/06/13	3465.02	-	45.78	0.00	3,419.24
RW - 1	08/15/13	3465.02	-	45.77	0.00	3,419.25
RW - 1	08/20/13	3465.02	-	45.81	0.00	3,419.21
RW - 1	09/12/13	3465.02	-	45.84	0.00	3,419.18
RW - 1	09/19/13	3465.02	-	45.85	0.00	3,419.17
RW - 1	09/25/13	3465.02	-	45.80	0.00	3,419.22
RW - 1	10/01/13	3465.02	-	45.86	0.00	3,419.16
RW - 1	10/09/13	3465.02	-	45.84	0.00	3,419.18
RW - 1	10/24/13	3465.02	-	45.74	0.00	3,419.28
RW - 1	10/29/13	3465.02	-	45.75	0.00	3,419.27
RW - 1	11/04/13	3465.02	-	45.75	0.00	3,419.27
RW - 1	11/05/13	3465.02	-	45.72	0.00	3,419.30
RW - 1	12/02/13	3465.02	-	45.77	0.00	3,419.25
RW - 1	12/10/13	3465.02	-	45.78	0.00	3,419.24
RW - 1	12/17/13	3465.02	-	45.79	0.00	3,419.23

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	12/23/13	3465.02	-	45.80	0.00	3,419.22
RW - 1	01/01/14	3465.02	-	45.75	0.00	3,419.27
RW - 1	01/07/14	3465.02	-	45.75	0.00	3,419.27
RW - 1	01/16/14	3465.02	-	45.78	0.00	3,419.24
RW - 1	01/23/14	3465.02	-	45.78	0.00	3,419.24
RW - 1	01/28/14	3465.02	-	45.80	0.00	3,419.22
RW - 1	02/11/14	3465.02	-	45.78	0.00	3,419.24
RW - 1	02/26/14	3465.02	-	45.72	0.00	3,419.30
RW - 1	03/21/14	3465.02	-	45.73	0.00	3,419.29
RW - 1	03/29/14	3465.02	-	45.71	0.00	3,419.31
RW - 1	04/10/14	3465.02	-	45.72	0.00	3,419.30
RW - 1	04/17/14	3465.02	-	45.76	0.00	3,419.26
RW - 1	04/17/14	3465.02	-	47.01	0.00	3,418.01
RW - 1	04/24/14	3465.02	-	45.74	0.00	3,419.28
RW - 1	05/01/14	3465.02	-	45.74	0.00	3,419.28
RW - 1	05/06/14	3465.02	-	45.72	0.00	3,419.30
RW - 1	05/12/14	3465.02	-	45.74	0.00	3,419.28
RW - 1	05/23/14	3465.02	-	45.75	0.00	3,419.27
RW - 1	05/27/14	3465.02	-	45.75	0.00	3,419.27
RW - 1	06/05/14	3465.02	-	45.76	0.00	3,419.26
RW - 1	06/18/14	3465.02	-	45.82	0.00	3,419.20
RW - 1	06/26/14	3465.02	-	45.84	0.00	3,419.18
RW - 1	07/01/14	3465.02	-	45.86	0.00	3,419.16
RW - 1	07/08/14	3465.02	-	45.87	0.00	3,419.15
RW - 1	07/17/14	3465.02	-	45.90	0.00	3,419.12
RW - 1	07/23/14	3465.02	-	45.90	0.00	3,419.12
RW - 1	08/06/14	3465.02	-	45.91	0.00	3,419.11
RW - 1	08/11/14	3465.02	-	45.91	0.00	3,419.11
RW - 1	08/21/14	3465.02	-	45.92	0.00	3,419.10
RW - 1	09/04/14	3465.02	-	45.95	0.00	3,419.07
RW - 1	10/02/14	3465.02	-	45.17	0.00	3,419.85
RW - 1	10/08/14	3465.02	-	45.23	0.00	3,419.79
RW - 1	10/15/14	3465.02	-	45.34	0.00	3,419.68
RW - 1	10/23/14	3465.02	-	45.38	0.00	3,419.64
RW - 1	10/28/14	3465.02	-	45.39	0.00	3,419.63
RW - 1	10/29/14	3465.02	-	45.12	0.00	3,419.90
RW - 1	11/07/14	3465.02	-	45.40	0.00	3,419.62
RW - 1	11/15/14	3465.02	-	45.38	0.00	3,419.64
RW - 1	12/11/14	3465.02	-	47.48	0.00	3,417.54
RW - 1	12/18/14	3465.02	-	45.41	0.00	3,419.61

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW -1	01/07/15	3465.02	-	45.46	0.00	3,419.56
RW -1	01/15/15	3465.02	-	45.42	0.00	3,419.60
RW -1	01/28/15	3465.02	-	45.40	0.00	3,419.62
RW -1	02/04/15	3465.02	-	45.39	0.00	3,419.63
RW -1	02/13/15	3465.02	-	45.43	0.00	3,419.59
RW -1	02/17/15	3465.02	-	45.45	0.00	3,419.57
RW -1	02/18/15	3465.02	-	45.40	0.00	3,419.62
RW -1	02/24/15	3465.02	-	45.41	0.00	3,419.61
RW -1	03/10/15	3465.02	-	45.83	0.00	3,419.19
RW -1	03/17/15	3465.02	-	45.43	0.00	3,419.59
RW -1	03/19/15	3465.02	-	45.41	0.00	3,419.61
RW -1	03/25/15	3465.02	-	45.43	0.00	3,419.59
RW -1	04/07/15	3465.02	-	45.43	0.00	3,419.59
RW -1	04/14/15	3465.02	-	45.44	0.00	3,419.58
RW -1	04/16/15	3465.02	-	45.42	0.00	3,419.60
RW -1	04/21/15	3465.02	-	45.44	0.00	3,419.58
RW -1	05/06/15	3465.02	-	45.42	0.00	3,419.60
RW -1	05/20/15	3465.02	-	45.45	0.00	3,419.57
RW -1	05/28/15	3465.02	-	45.42	0.00	3,419.60
RW -1	06/09/15	3465.02	-	45.46	0.00	3,419.56
RW -1	06/18/15	3465.02	-	45.45	0.00	3,419.57
RW -1	07/06/15	3465.02	-	45.53	0.00	3,419.49
RW -1	07/17/15	3465.02	-	45.55	0.00	3,419.47
RW -1	07/21/15	3465.02	-	45.58	0.00	3,419.44
RW -1	07/28/15	3465.02	-	45.60	0.00	3,419.42
RW -1	08/05/15	3465.02	-	45.61	0.00	3,419.41
RW -1	08/11/15	3465.02	-	45.65	0.00	3,419.37
RW -1	08/12/15	3465.02	-	45.53	0.00	3,419.49
RW -1	08/20/15	3465.02	-	45.69	0.00	3,419.33
RW -1	08/21/15	3465.02	-	45.69	0.00	3,419.33
RW -1	08/27/15	3465.02	-	45.71	0.00	3,419.31
RW -1	09/01/15	3465.02	-	45.70	0.00	3,419.32
RW -1	09/09/15	3465.02	-	45.68	0.00	3,419.34
RW -1	09/11/15	3465.02	-	45.68	0.00	3,419.34
RW -1	09/17/15	3465.02	-	45.70	0.00	3,419.32
RW -1	09/25/15	3465.02	-	45.71	0.00	3,419.31
RW -1	09/30/15	3465.02	-	45.70	0.00	3,419.32
RW -1	10/07/15	3465.02	-	45.72	0.00	3,419.30
RW -1	10/13/15	3465.02	-	45.70	0.00	3,419.32
RW -1	10/15/15	3465.02	-	45.65	0.00	3,419.37

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW -1	10/26/15	3465.02	-	45.67	0.00	3,419.35
RW -1	11/05/15	3465.02	-	45.59	0.00	3,419.43
RW -1	11/09/15	3465.02	-	45.61	0.00	3,419.41
RW -1	11/30/15	3465.02	-	45.58	0.00	3,419.44
RW -1	12/01/15	3465.02	-	45.58	0.00	3,419.44
RW -1	12/09/15	3465.02	-	45.57	0.00	3,419.45
RW -1	12/11/15	3465.02	-	45.56	0.00	3,419.46
RW -1	12/15/15	3465.02	-	45.55	0.00	3,419.47
RW -1	12/24/15	3465.02	-	45.58	0.00	3,419.44
RW -1	01/06/16	3465.02	-	45.58	0.00	3,419.44
RW -1	01/15/16	3465.02	-	45.60	0.00	3,419.42
RW -1	01/19/16	3465.02	-	45.56	0.00	3,419.46
RW -1	01/28/16	3465.02	-	45.56	0.00	3,419.46
RW -1	02/03/16	3465.02	-	45.53	0.00	3,419.49
RW -1	02/11/16	3465.02	-	45.58	0.00	3,419.44
RW -1	02/19/16	3465.02	-	45.58	0.00	3,419.44
RW -1	02/23/15	3465.02	-	45.57	0.00	3,419.45
RW -1	02/25/16	3465.02	-	45.57	0.00	3,419.45
RW -1	03/01/16	3465.02	-	45.58	0.00	3,419.44
RW -1	03/08/16	3465.02	-	45.55	0.00	3,419.47
RW -1	03/16/16	3465.02	-	45.55	0.00	3,419.47
RW -1	03/17/16	3465.02	-	45.56	0.00	3,419.46
RW -1	03/24/16	3465.02	-	45.55	0.00	3,419.47
RW -1	03/29/16	3465.02	-	45.56	0.00	3,419.46
RW -1	04/05/16	3465.02	-	45.55	0.00	3,419.47
RW -1	04/13/16	3465.02	-	45.53	0.00	3,419.49
RW -1	04/18/16	3465.02	-	45.57	0.00	3,419.45
RW -1	04/25/16	3465.02	-	45.54	0.00	3,419.48
RW -1	05/03/16	3465.02	-	45.56	0.00	3,419.46
RW -1	05/12/16	3465.02	-	45.57	0.00	3,419.45
RW -1	05/27/16	3465.02	-	45.59	0.00	3,419.43
RW -1	06/02/16	3465.02	-	45.59	0.00	3,419.43
RW -1	06/06/16	3465.02	-	45.62	0.00	3,419.40
RW -1	06/30/16	3465.02	-	45.70	0.00	3,419.32
RW -1	07/05/16	3465.02	-	45.70	0.00	3,419.32
RW -1	07/14/16	3465.02	-	45.73	0.00	3,419.29
RW -1	07/19/16	3465.02	-	45.75	0.00	3,419.27
RW -1	07/26/16	3465.02	-	45.78	0.00	3,419.24
RW -1	08/03/16	3465.02	-	45.80	0.00	3,419.22
RW -1	08/10/16	3465.02	-	45.81	0.00	3,419.21

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW -1	08/15/16	3465.02	-	45.80	0.00	3,419.22
RW -1	08/23/16	3465.02	-	45.74	0.00	3,419.28
RW -1	09/12/16	3465.02	-	45.51	0.00	3,419.51
RW -1	10/07/16	3465.02	-	45.36	0.00	3,419.66
RW -1	10/12/16	3465.02	-	45.37	0.00	3,419.65
RW -1	10/19/16	3465.02	-	45.43	0.00	3,419.59
RW -1	10/28/16	3465.02	-	45.44	0.00	3,419.58
RW -1	11/03/16	3465.02	-	45.47	0.00	3,419.55
RW -1	11/11/16	3465.02	-	45.47	0.00	3,419.55
RW -1	11/15/16	3465.02	-	45.42	0.00	3,419.60
RW -1	12/02/16	3465.02	-	45.43	0.00	3,419.59
RW -1	12/06/16	3465.02	-	45.50	0.00	3,419.52
RW -1	12/13/16	3465.02	-	45.50	0.00	3,419.52
RW -1	12/21/16	3465.02	-	45.50	0.00	3,419.52
RW -1	12/28/16	3465.02	-	45.50	0.00	3,419.52
RW -1	01/03/17	3465.02	-	45.50	0.00	3,419.52
RW -1	01/09/17	3465.02	-	45.52	0.00	3,419.50
RW -1	01/17/17	3465.02	-	45.48	0.00	3,419.54
RW -1	01/25/17	3465.02	-	45.54	0.00	3,419.48
RW -1	02/01/17	3465.02	-	45.50	0.00	3,419.52
RW -1	02/07/17	3465.02	-	45.49	0.00	3,419.53
RW -1	02/16/17	3465.02	-	45.48	0.00	3,419.54
RW -1	02/23/17	3465.02	-	45.45	0.00	3,419.57
RW -1	03/03/17	3465.02	-	45.50	0.00	3,419.52
RW -1	03/07/17	3465.02	-	45.51	0.00	3,419.51
RW -1	03/14/17	3465.02	-	45.50	0.00	3,419.52
RW -1	03/24/17	3465.02	-	45.48	0.00	3,419.54
RW -1	03/30/17	3465.02	-	45.46	0.00	3,419.56
RW -1	04/04/17	3465.02	-	45.49	0.00	3,419.53
RW -1	04/11/17	3465.02	-	45.47	0.00	3,419.55
RW -1	04/21/17	3465.02	-	45.49	0.00	3,419.53
RW -1	04/27/17	3465.02	-	45.46	0.00	3,419.56
RW -1	05/04/17	3465.02	-	45.51	0.00	3,419.51
RW -1	05/09/17	3465.02	-	45.52	0.00	3,419.50
RW -1	05/25/17	3465.02	-	45.49	0.00	3,419.53
RW -1	06/02/17	3465.02	-	45.52	0.00	3,419.50
RW -1	06/07/17	3465.02	-	45.51	0.00	3,419.51
RW -1	06/13/17	3465.02	-	46.54	0.00	3,418.48
RW -1	06/20/17	3465.02	-	45.93	0.00	3,419.09
RW -1	07/06/17	3465.02	-	45.89	0.00	3,419.13

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW -1	07/13/17	3465.02	-	45.61	0.00	3,419.41
RW -1	07/18/17	3465.02	-	45.63	0.00	3,419.39
RW -1	08/10/17	3465.02	-	45.69	0.00	3,419.33
RW -1	08/18/17	3465.02	-	45.70	0.00	3,419.32
RW -1	08/23/17	3465.02	-	45.70	0.00	3,419.32
RW -1	09/01/17	3465.02	-	45.69	0.00	3,419.33
RW -1	09/07/17	3465.02	-	45.74	0.00	3,419.28
RW -1	09/14/17	3465.02	-	45.72	0.00	3,419.30
RW -1	09/21/17	3465.02	-	45.75	0.00	3,419.27
RW -1	10/26/17	3465.02	-	45.74	0.00	3,419.28
RW -1	10/31/17	3465.02	-	45.72	0.00	3,419.30
RW -1	11/17/17	3465.02	-	45.73	0.00	3,419.29
RW -1	11/29/17	3465.02	-	45.76	0.00	3,419.26
RW -1	12/08/17	3465.02	-	45.78	0.00	3,419.24
RW -1	12/15/17	3465.02	-	45.80	0.00	3,419.22
RW -1	12/21/17	3465.02	-	45.75	0.00	3,419.27
RW -1	12/26/17	3465.02	-	45.81	0.00	3,419.21
RW -1	01/04/18	3465.02	-	45.79	0.00	3,419.23
RW -1	01/15/18	3465.02	-	45.79	0.00	3,419.23
RW -1	01/28/18	3465.02	-	45.81	0.00	3,419.21
RW -1	01/04/18	3465.02	-	45.79	0.00	3,419.23
RW -1	01/15/18	3465.02	-	45.79	0.00	3,419.23
RW -1	01/26/18	3465.02	-	45.81	0.00	3,419.21
RW -1	02/02/18	3465.02	-	45.80	0.00	3,419.22
RW -1	02/09/18	3465.02	-	45.79	0.00	3,419.23
RW -1	02/16/18	3465.02	-	45.84	0.00	3,419.18
RW -1	02/23/18	3465.02	-	45.81	0.00	3,419.21
RW -1	02/28/18	3465.02	-	45.79	0.00	3,419.23
RW -1	03/05/18	3465.02	-	45.84	0.00	3,419.18
RW -1	03/16/18	3465.02	-	45.81	0.00	3,419.21
RW -1	03/28/18	3465.02	-	45.82	0.00	3,419.20
RW -1	04/06/18	3465.02	-	45.83	0.00	3,419.19
RW -1	04/18/18	3465.02	-	45.87	0.00	3,419.15
RW -1	05/04/18	3465.02	-	45.87	0.00	3,419.15
RW -1	05/10/18	3465.02	-	45.89	0.00	3,419.13
RW -1	05/18/18	3465.02	-	45.88	0.00	3,419.14
RW -1	05/24/18	3465.02	-	45.88	0.00	3,419.14
RW -1	06/14/18	3465.02	-	45.93	0.00	3,419.09
RW -1	06/22/18	3465.02	-	45.92	0.00	3,419.10
RW -1	06/28/18	3465.02	-	45.96	0.00	3,419.06

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW-1	07/03/18	3465.02	-	45.95	0.00	3,419.07
RW-1	07/12/18	3465.02	-	45.97	0.00	3,419.05
RW-1	08/21/18	3465.02	-	46.06	0.00	3,418.96
RW-1	09/13/18	3465.02	-	46.10	0.00	3,418.92
RW-1	10/10/18	3465.02	-	46.10	0.00	3,418.92
RW-1	11/19/18	3465.02	-	46.12	0.00	3,418.90
RW-1	12/05/18	3465.02	-	46.07	0.00	3,418.95
RW-1	12/17/18	3465.02	-	46.05	0.00	3,418.97
RW-1	12/31/18	3465.02	-	46.10	0.00	3,418.92
RW-1	01/18/19	3465.02	-	46.06	0.00	3,418.96
RW-1	02/25/19	3465.02	-	46.04	0.00	3,418.98
RW-1	03/08/19	3465.02	-	46.05	0.00	3,418.97
RW-1	04/03/19	3465.02	-	45.99	0.00	3,419.03
RW-1	05/15/19	3465.02	-	45.93	0.00	3,419.09
RW-1	05/21/19	3465.02	-	45.93	0.00	3,419.09
RW-1	07/02/19	3465.02	-	45.96	0.00	3,419.06
RW-1	07/30/19	3465.02	-	46.04	0.00	3,418.98
RW-1	08/21/19	3465.02	-	46.08	0.00	3,418.94
RW-1	12/10/19	3465.02	-	45.87	0.00	3,419.15
RW-1	01/21/20	3465.02	-	45.86	0.00	3,419.16
RW-1	02/25/20	3465.02	-	45.86	0.00	3,419.16
RW-1	06/03/20	3465.02	-	45.83	0.00	3,419.19
RW-1	09/21/20	3465.02	-	46.12	0.00	3,418.90
RW-1	11/13/20	3465.02	-	46.13	0.00	3,418.89
RW - 2	01/06/03	3465.21	-	46.25	0.00	3,418.96
RW - 2	01/07/03	3465.21	-	46.67	0.00	3,418.54
RW - 2	01/13/03	3465.21	-	46.21	0.00	3,419.00
RW - 2	01/21/03	3465.21	-	46.21	0.00	3,419.00
RW - 2	01/27/03	3465.21	-	46.20	0.00	3,419.01
RW - 2	02/10/03	3465.21	NM	NM	NM	NM
RW - 2	04/03/03	3465.21	-	46.17	0.00	3,419.04
RW - 2	05/15/03	3465.21	-	46.24	0.00	3,418.97
RW - 2	08/26/03	3465.21	-	46.40	0.00	3,418.81
RW - 2	11/24/03	3465.21	-	46.57	0.00	3,418.64
RW - 2	02/18/04	3465.21	-	46.42	0.00	3418.79
RW - 2	04/15/04	3465.21	-	46.87	0.00	3418.34
RW - 2	04/19/04	3465.21	-	46.27	0.00	3418.94
RW - 2	05/12/04	3465.21	-	46.26	0.00	3418.95
RW - 2	06/22/04	3465.21	46.13	46.14	0.01	3419.08

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	07/07/04	3465.21	46.12	46.13	0.01	3419.09
RW - 2	07/13/04	3465.21	46.12	46.13	0.01	3419.09
RW - 2	07/21/04	3465.21	45.60	45.61	0.01	3419.61
RW - 2	08/11/04	3465.21	-	45.62	0.00	3419.59
RW - 2	08/17/04	3465.21	sheen	45.66	0.00	3419.55
RW - 2	08/23/04	3465.21	-	45.59	0.00	3419.62
RW - 2	09/13/04	3465.21	sheen	45.65	0.00	3419.56
RW - 2	09/20/04	3465.21	-	45.60	0.00	3419.61
RW - 2	09/29/04	3465.21	sheen	45.70	0.00	3419.51
RW - 2	10/04/04	3465.21	sheen	45.63	0.00	3419.58
RW - 2	10/12/04	3465.21	-	44.67	0.00	3420.54
RW - 2	10/19/04	3465.21	sheen	44.76	0.00	3420.45
RW - 2	10/25/04	3465.21	sheen	44.79	0.00	3420.42
RW - 2	11/01/04	3465.21	sheen	45.20	0.00	3420.01
RW - 2	11/09/04	3465.21	sheen	44.91	0.00	3420.3
RW - 2	11/17/04	3465.21	sheen	45.02	0.00	3420.19
RW - 2	11/29/04	3465.21	sheen	45.12	0.00	3420.09
RW - 2	12/07/04	3465.21	-	45.02	0.00	3420.19
RW - 2	12/13/04	3465.21	sheen	45.15	0.00	3420.06
RW - 2	12/20/04	3465.21	sheen	45.09	0.00	3420.12
RW - 2	12/30/04	3465.21	sheen	45.12	0.00	3420.09
RW - 2	01/03/05	3465.21	sheen	45.15	0.00	3420.06
RW - 2	01/10/05	3465.21	sheen	44.96	0.00	3420.25
RW - 2	01/17/05	3465.21	sheen	45.18	0.00	3420.03
RW - 2	01/24/05	3465.21	sheen	45.19	0.00	3420.02
RW - 2	01/31/05	3465.21	sheen	45.21	0.00	3420.00
RW - 2	02/07/05	3465.21	sheen	45.18	0.00	3420.03
RW - 2	02/14/05	3465.21	sheen	45.19	0.00	3420.02
RW - 2	02/21/05	3465.21	sheen	45.19	0.00	3420.02
RW - 2	02/28/05	3465.21	sheen	45.23	0.00	3419.98
RW - 2	03/07/05	3465.21	sheen	45.14	0.00	3420.07
RW - 2	03/09/05	3465.21	-	45.14	0.00	3420.07
RW - 2	03/16/05	3465.21	sheen	45.21	0.00	3420.00
RW - 2	03/21/05	3465.21	sheen	45.20	0.00	3420.01
RW - 2	03/28/05	3465.21	sheen	45.20	0.00	3420.01
RW - 2	04/04/05	3465.21	sheen	45.21	0.00	3420.00
RW - 2	04/13/05	3465.21	sheen	45.22	0.00	3419.99
RW - 2	04/18/05	3465.21	sheen	45.07	0.00	3420.14
RW - 2	05/23/05	3465.21	sheen	45.23	0.00	3419.98
RW - 2	06/09/05	3465.21	-	45.21	0.00	3420.00

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
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WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	06/21/05	3465.21	sheen	45.24	0.00	3419.97
RW - 2	07/14/05	3465.21	sheen	45.29	0.00	3419.92
RW - 2	07/26/05	3465.21	sheen	45.32	0.00	3419.89
RW - 2	08/09/05	3465.21	-	45.03	0.00	3420.18
RW - 2	08/25/05	3465.21	sheen	44.87	0.00	3420.34
RW - 2	09/01/05	3465.21	-	44.90	0.00	3420.31
RW - 2	09/08/05	3465.21	44.97	44.98	0.01	3420.24
RW - 2	09/13/05	3465.21	sheen	45.01	0.00	3420.20
RW - 2	09/26/05	3465.21	sheen	45.11	0.00	3420.10
RW - 2	10/11/05	3465.21	sheen	45.15	0.00	3420.06
RW - 2	10/25/05	3465.21	sheen	45.13	0.00	3420.08
RW - 2	11/14/05	3465.21	sheen	45.11	0.00	3420.10
RW - 2	12/01/05	3465.21	-	45.34	0.00	3419.87
RW - 2	12/28/05	3465.21	sheen	45.27	0.00	3419.94
RW - 2	01/11/06	3465.21	sheen	45.28	0.00	3419.93
RW - 2	01/25/06	3465.21	sheen	45.31	0.00	3419.90
RW - 2	02/08/06	3465.21	sheen	45.28	0.00	3419.93
RW - 2	02/23/06	3465.21	sheen	45.30	0.00	3419.91
RW - 2	03/07/06	3465.21	-	45.26	0.00	3419.95
RW - 2	03/08/06	3465.21	sheen	45.27	0.00	3419.94
RW - 2	03/20/06	3465.21	sheen	45.28	0.00	3419.93
RW - 2	03/30/06	3465.21	-	45.29	0.00	3419.92
RW - 2	05/03/06	3465.21	sheen	45.31	0.00	3419.90
RW - 2	06/01/06	3465.21	sheen	45.33	0.00	3419.88
RW - 2	06/06/06	3465.21	sheen	45.32	0.00	3419.89
RW - 2	06/14/06	3465.21	sheen	45.33	0.00	3419.88
RW - 2	07/13/06	3465.21	sheen	45.38	0.00	3419.83
RW - 2	07/27/06	3465.21	-	45.29	0.00	3419.92
RW - 2	08/10/06	3465.21	sheen	45.48	0.00	3419.73
RW - 2	09/15/06	3465.21	-	45.42	0.00	3419.79
RW - 2	10/03/06	3465.21	sheen	45.46	0.00	3419.75
RW - 2	11/20/06	3465.21	-	45.49	0.00	3419.72
RW - 2	01/11/07	3465.21	sheen	45.39	0.00	3419.82
RW - 2	02/15/07	3465.21	-	45.34	0.00	3419.87
RW - 2	02/23/07	3465.21	-	45.34	0.00	3419.87
RW - 2	03/08/07	3465.21	sheen	45.38	0.00	3419.83
RW - 2	03/28/07	3465.21	sheen	45.38	0.00	3419.83
RW - 2	04/25/07	3465.21	-	45.38	0.00	3419.83
RW - 2	05/18/07	3465.21	-	45.26	0.00	3419.95
RW - 2	07/12/07	3465.21	-	45.36	0.00	3419.85

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	08/21/07	3465.21	-	45.39	0.00	3419.82
RW - 2	11/05/07	3465.21	-	45.56	0.00	3419.65
RW - 2	02/08/08	3465.21	-	45.59	0.00	3419.62
RW - 2	05/08/08	3465.21	-	45.31	0.00	3419.90
RW - 2	08/13/08	3465.21	-	46.34	0.00	3418.87
RW - 2	09/30/08	3465.21	-	45.55	0.00	3419.66
RW - 2	10/08/08	3465.21	-	45.53	0.00	3419.68
RW - 2	10/24/08	3465.21	-	45.53	0.00	3419.68
RW - 2	11/06/08	3465.21	-	45.53	0.00	3419.68
RW - 2	12/17/08	3465.21	-	45.69	0.00	3419.52
RW - 2	12/30/08	3465.21	-	46.70	0.00	3418.51
RW - 2	01/07/09	3465.21	-	45.67	0.00	3419.54
RW - 2	01/22/09	3465.21	-	45.71	0.00	3419.50
RW - 2	01/26/09	3465.21	-	45.63	0.00	3419.58
RW - 2	02/05/09	3465.21	-	45.75	0.00	3419.46
RW - 2	02/13/09	3465.21	-	45.68	0.00	3419.53
RW - 2	02/27/09	3465.21	-	45.63	0.00	3419.58
RW - 2	03/03/09	3465.21	-	45.71	0.00	3419.50
RW - 2	03/10/09	3465.21	-	45.66	0.00	3419.55
RW - 2	03/18/09	3465.21	-	45.64	0.00	3419.57
RW - 2	03/27/09	3465.21	-	45.64	0.00	3419.57
RW - 2	04/02/09	3465.21	-	45.74	0.00	3419.47
RW - 2	04/07/09	3465.21	-	45.58	0.00	3419.63
RW - 2	04/14/09	3465.21	-	45.60	0.00	3419.61
RW - 2	04/28/09	3465.21	-	45.64	0.00	3419.57
RW - 2	05/07/09	3465.21	-	45.57	0.00	3419.64
RW - 2	05/08/09	3465.21	-	45.57	0.00	3419.64
RW - 2	06/16/09	3465.21	-	45.57	0.00	3419.64
RW - 2	06/26/09	3465.21	-	45.62	0.00	3419.59
RW - 2	06/30/09	3465.21	-	45.58	0.00	3419.63
RW - 2	07/07/09	3465.21	-	45.55	0.00	3419.66
RW - 2	07/28/09	3465.21	-	45.53	0.00	3419.68
RW - 2	07/31/09	3465.21	-	45.59	0.00	3419.62
RW - 2	08/05/09	3465.21	-	45.63	0.00	3419.58
RW - 2	08/06/09	3465.21	-	45.65	0.00	3419.56
RW - 2	08/13/09	3465.21	-	45.65	0.00	3419.56
RW - 2	08/25/09	3465.21	-	45.69	0.00	3419.52
RW - 2	09/01/09	3465.21	-	45.73	0.00	3419.48
RW - 2	09/08/09	3465.21	-	45.53	0.00	3419.68
RW - 2	09/15/09	3465.21	-	45.54	0.00	3419.67

TABLE 4

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PLAINS MARKETING, L.P.
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WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	09/25/09	3465.21	sheen	45.68	0.00	3419.53
RW - 2	09/28/09	3465.21	-	46.02	0.00	3419.19
RW - 2	10/02/09	3465.21	sheen	41.72	0.00	3423.49
RW - 2	10/05/09	3465.21	-	45.79	0.00	3419.42
RW - 2	10/09/09	3465.21	sheen	45.74	0.00	3419.47
RW - 2	10/12/09	3465.21	-	45.80	0.00	3419.41
RW - 2	10/22/09	3465.21	sheen	45.70	0.00	3419.51
RW - 2	10/29/09	3465.21	sheen	45.67	0.00	3419.54
RW - 2	11/06/09	3465.21	sheen	45.67	0.00	3419.54
RW - 2	11/16/09	3465.21	-	45.87	0.00	3419.34
RW - 2	11/25/09	3465.21	-	45.81	0.00	3419.40
RW - 2	12/11/09	3465.21	-	45.71	0.00	3419.50
RW - 2	12/22/09	3465.21	-	45.53	0.00	3419.68
RW - 2	01/06/10	3465.21	-	45.82	0.00	3419.39
RW - 2	01/20/10	3465.21	-	45.65	0.00	3419.56
RW - 2	02/08/10	3465.21	-	45.74	0.00	3419.47
RW - 2	03/03/10	3465.21	-	45.84	0.00	3419.37
RW - 2	03/16/10	3465.21	-	45.73	0.00	3419.48
RW - 2	03/23/10	3465.21	-	45.76	0.00	3419.45
RW - 2	04/05/10	3465.21	-	45.67	0.00	3419.54
RW - 2	04/15/10	3465.21	-	45.76	0.00	3419.45
RW - 2	05/11/10	3465.21	-	45.78	0.00	3419.43
RW - 2	05/26/10	3465.21	-	45.75	0.00	3419.46
RW - 2	06/08/10	3465.21	-	45.69	0.00	3419.52
RW - 2	06/16/10	3465.21	-	45.67	0.00	3419.54
RW - 2	06/25/10	3465.21	-	45.72	0.00	3419.49
RW - 2	07/08/10	3465.21	-	45.74	0.00	3419.47
RW - 2	07/13/10	3465.21	-	45.37	0.00	3419.84
RW - 2	07/28/10	3465.21	-	45.61	0.00	3419.60
RW - 2	08/04/10	3465.21	-	45.61	0.00	3419.60
RW - 2	08/10/10	3465.21	-	45.72	0.00	3419.49
RW - 2	08/19/10	3465.21	-	45.68	0.00	3419.53
RW - 2	08/27/10	3465.21	-	45.69	0.00	3419.52
RW - 2	09/03/10	3465.21	sheen	45.56	0.00	3419.65
RW - 2	09/09/10	3465.21	-	45.71	0.00	3419.50
RW - 2	09/17/10	3465.21	-	45.63	0.00	3419.58
RW - 2	10/01/10	3465.21	-	45.73	0.00	3419.48
RW - 2	10/06/10	3465.21	-	45.72	0.00	3419.49
RW - 2	10/13/10	3465.21	-	45.75	0.00	3419.46
RW - 2	10/26/10	3465.21	-	45.71	0.00	3419.50

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HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
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WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	11/05/10	3465.21	-	45.71	0.00	3419.50
RW - 2	11/09/10	3465.21	-	45.71	0.00	3419.50
RW - 2	11/12/10	3465.21	-	45.76	0.00	3419.45
RW - 2	12/10/10	3465.21	-	45.67	0.00	3419.54
RW - 2	12/13/10	3465.21	-	45.71	0.00	3419.50
RW - 2	01/27/11	3465.21	-	45.72	0.00	3419.49
RW - 2	02/15/11	3465.21	-	45.71	0.00	3419.50
RW - 2	05/05/11	3465.21	-	45.71	0.00	3419.50
RW - 2	05/12/11	3465.21	-	45.84	0.00	3419.37
RW - 2	05/16/11	3465.21	-	45.67	0.00	3419.54
RW - 2	05/26/11	3465.21	-	45.89	0.00	3419.32
RW - 2	06/09/11	3465.21	-	45.80	0.00	3419.41
RW - 2	06/29/11	3465.21	-	45.86	0.00	3419.35
RW - 2	07/05/11	3465.21	-	45.84	0.00	3419.37
RW - 2	07/15/11	3465.21	-	45.83	0.00	3419.38
RW - 2	07/22/11	3465.21	-	45.83	0.00	3419.38
RW - 2	07/28/11	3465.21	-	45.80	0.00	3419.41
RW - 2	08/04/11	3465.21	-	45.92	0.00	3419.29
RW - 2	08/11/11	3465.21	-	45.89	0.00	3419.32
RW - 2	08/24/11	3465.21	-	45.91	0.00	3419.30
RW - 2	09/02/11	3465.21	-	45.96	0.00	3419.25
RW - 2	09/09/11	3465.21	-	46.03	0.00	3419.18
RW - 2	09/23/11	3465.21	-	46.03	0.00	3419.18
RW - 2	11/21/11	3465.21	-	46.03	0.00	3419.18
RW - 2	11/28/11	3465.21	-	46.05	0.00	3419.16
RW - 2	12/09/11	3465.21	-	46.09	0.00	3419.12
RW - 2	12/21/11	3465.21	-	46.01	0.00	3419.20
RW - 2	01/26/12	3465.21	-	45.96	0.00	3419.25
RW - 2	02/02/12	3465.21	-	45.94	0.00	3419.27
RW - 2	02/07/12	3465.21	-	45.95	0.00	3419.26
RW - 2	02/13/12	3465.21	-	45.92	0.00	3419.29
RW - 2	03/07/12	3465.21	-	45.92	0.00	3419.29
RW - 2	03/23/12	3465.21	-	45.82	0.00	3419.39
RW - 2	03/30/12	3465.21	-	45.98	0.00	3419.23
RW - 2	04/05/12	3465.21	-	45.92	0.00	3419.29
RW - 2	04/13/12	3465.21	-	45.89	0.00	3419.32
RW - 2	04/26/12	3465.21	-	46.10	0.00	3419.11
RW - 2	05/03/12	3465.21	-	45.80	0.00	3419.41
RW - 2	05/07/12	3465.21	-	45.86	0.00	3419.35
RW - 2	05/29/12	3465.21	-	46.07	0.00	3419.14

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WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	06/08/12	3465.21	-	45.87	0.00	3419.34
RW - 2	06/15/12	3465.21	-	45.89	0.00	3419.32
RW - 2	06/22/12	3465.21	-	45.91	0.00	3419.30
RW - 2	06/29/12	3465.21	-	45.91	0.00	3419.30
RW - 2	07/03/12	3465.21	-	45.96	0.00	3419.25
RW - 2	08/10/12	3465.21	-	46.04	0.00	3419.17
RW - 2	08/16/12	3465.21	-	46.03	0.00	3419.18
RW - 2	09/12/12	3465.21	-	46.08	0.00	3419.13
RW - 2	10/17/12	3465.21	-	45.89	0.00	3419.32
RW - 2	10/12/12	3465.21	-	46.15	0.00	3419.06
RW - 2	10/24/12	3465.21	-	45.90	0.00	3419.31
RW - 2	11/06/12	3465.21	-	45.83	0.00	3419.38
RW - 2	12/14/12	3465.21	-	45.85	0.00	3419.36
RW - 2	12/21/12	3465.21	-	45.89	0.00	3419.32
RW - 2	02/06/13	3465.21	-	45.81	0.00	3419.40
RW - 2	02/20/13	3465.21	-	45.82	0.00	3419.39
RW - 2	03/29/13	3465.21	-	45.82	0.00	3419.39
RW - 2	04/03/13	3465.21	-	45.82	0.00	3419.39
RW - 2	04/09/13	3465.21	-	45.80	0.00	3419.41
RW - 2	04/19/13	3465.21	-	45.83	0.00	3419.38
RW - 2	04/24/13	3465.21	-	45.83	0.00	3419.38
RW - 2	05/02/13	3465.21	-	45.83	0.00	3419.38
RW - 2	05/08/13	3465.21	-	45.80	0.00	3419.41
RW - 2	05/10/13	3465.21	-	45.83	0.00	3419.38
RW - 2	05/17/13	3465.21	-	45.81	0.00	3419.40
RW - 2	05/22/13	3465.21	-	45.81	0.00	3419.40
RW - 2	05/30/13	3465.21	-	45.79	0.00	3419.42
RW - 2	06/05/13	3465.21	-	45.82	0.00	3419.39
RW - 2	06/12/13	3465.21	-	45.81	0.00	3419.40
RW - 2	06/18/13	3465.21	-	45.77	0.00	3419.44
RW - 2	06/25/13	3465.21	-	45.81	0.00	3419.40
RW - 2	07/02/13	3465.21	-	45.85	0.00	3419.36
RW - 2	07/09/13	3465.21	-	45.87	0.00	3419.34
RW - 2	07/26/13	3465.21	-	45.89	0.00	3419.32
RW - 2	07/29/13	3465.21	-	45.90	0.00	3419.31
RW - 2	08/01/13	3465.21	-	45.87	0.00	3419.34
RW - 2	08/06/13	3465.21	-	45.84	0.00	3419.37
RW - 2	08/15/13	3465.21	-	45.86	0.00	3419.35
RW - 2	08/20/13	3465.21	-	45.92	0.00	3419.29
RW - 2	09/12/13	3465.21	-	45.96	0.00	3419.25

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WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	09/19/13	3465.21	-	45.98	0.00	3419.23
RW - 2	09/25/13	3465.21	-	45.93	0.00	3419.28
RW - 2	10/01/13	3465.21	-	45.98	0.00	3419.23
RW - 2	10/09/13	3465.21	-	45.96	0.00	3419.25
RW - 2	10/24/13	3465.21	-	45.88	0.00	3419.33
RW - 2	10/29/13	3465.21	-	45.88	0.00	3419.33
RW - 2	11/04/13	3465.21	-	45.87	0.00	3419.34
RW - 2	11/05/13	3465.21	-	45.86	0.00	3419.35
RW - 2	12/02/13	3465.21	-	45.90	0.00	3419.31
RW - 2	12/10/13	3465.21	-	45.90	0.00	3419.31
RW - 2	12/17/13	3465.21	-	45.92	0.00	3419.29
RW - 2	12/23/13	3465.21	-	45.95	0.00	3419.26
RW - 2	01/01/14	3465.21	-	45.86	0.00	3419.35
RW - 2	01/07/14	3465.21	-	45.85	0.00	3419.36
RW - 2	01/16/14	3465.21	-	45.90	0.00	3419.31
RW - 2	01/23/14	3465.21	-	45.90	0.00	3419.31
RW - 2	01/28/14	3465.21	-	45.92	0.00	3419.29
RW - 2	02/11/14	3465.21	-	45.90	0.00	3419.31
RW - 2	02/26/14	3465.21	-	45.83	0.00	3419.38
RW - 2	03/21/14	3465.21	-	45.80	0.00	3419.41
RW - 2	03/29/14	3465.21	-	45.82	0.00	3419.39
RW - 2	04/10/14	3465.21	-	45.83	0.00	3419.38
RW - 2	04/17/14	3465.21	-	45.87	0.00	3419.34
RW - 2	04/17/14	3465.21	-	48.99	0.00	3416.22
RW - 2	04/24/14	3465.21	-	45.85	0.00	3419.36
RW - 2	05/01/14	3465.21	-	45.83	0.00	3419.38
RW - 2	05/06/14	3465.21	-	45.84	0.00	3419.37
RW - 2	05/12/14	3465.21	-	45.87	0.00	3419.34
RW - 2	05/23/14	3465.21	-	45.88	0.00	3419.33
RW - 2	05/27/14	3465.21	-	45.88	0.00	3419.33
RW - 2	06/05/14	3465.21	-	45.89	0.00	3419.32
RW - 2	06/18/14	3465.21	-	45.93	0.00	3419.28
RW - 2	07/01/14	3465.21	-	45.95	0.00	3419.26
RW - 2	07/23/14	3465.21	-	46.00	0.00	3419.21
RW - 2	08/06/14	3465.21	-	46.31	0.00	3418.90
RW - 2	08/11/14	3465.21	-	46.03	0.00	3419.18
RW - 2	08/21/14	3465.21	-	46.02	0.00	3419.19
RW - 2	09/04/14	3465.21	-	46.06	0.00	3419.15
RW - 2	10/28/14	3465.21	-	45.55	0.00	3419.66
RW - 2	11/15/14	3465.21	-	45.53	0.00	3419.68

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	02/17/15	3465.21	-	45.52	0.00	3419.69
RW - 2	02/18/15	3465.21	-	45.52	0.00	3419.69
RW - 2	03/19/15	3465.21	-	45.53	0.00	3419.68
RW - 2	04/16/15	3465.21	-	45.53	0.00	3419.68
RW - 2	05/28/15	3465.21	-	45.52	0.00	3419.69
RW - 2	07/21/15	3465.21	-	45.68	0.00	3419.53
RW - 2	08/20/15	3465.21	-	45.79	0.00	3419.42
RW - 2	09/11/15	3465.21	-	45.80	0.00	3419.41
RW - 2	10/15/15	3465.21	-	45.76	0.00	3419.45
RW - 2	11/30/15	3465.21	-	45.70	0.00	3419.51
RW - 2	12/11/15	3465.21	-	45.66	0.00	3419.55
RW - 2	01/19/16	3465.21	-	45.66	0.00	3419.55
RW - 2	02/25/16	3465.21	-	45.69	0.00	3419.52
RW - 2	03/17/16	3465.21	-	45.67	0.00	3419.54
RW - 2	04/13/16	3465.21	-	45.59	0.00	3419.62
RW - 2	06/02/16	3465.21	-	45.70	0.00	3419.51
RW - 2	06/30/16	3465.21	-	45.74	0.00	3419.47
RW - 2	07/26/16	3465.21	-	45.88	0.00	3419.33
RW - 2	08/23/16	3465.21	-	45.85	0.00	3419.36
RW - 2	09/12/16	3465.21	-	45.64	0.00	3419.57
RW - 2	10/12/16	3465.21	-	45.49	0.00	3419.72
RW - 2	12/01/16	3465.21	-	45.54	0.00	3419.67
RW - 2	12/28/16	3465.21	-	45.61	0.00	3419.60
RW - 2	01/25/17	3465.21	-	45.62	0.00	3419.59
RW - 2	02/23/17	3465.21	-	45.56	0.00	3419.65
RW - 2	03/30/17	3465.21	-	45.55	0.00	3419.66
RW - 2	04/11/17	3465.21	-	45.61	0.00	3419.60
RW - 2	05/04/17	3465.21	-	45.61	0.00	3419.60
RW - 2	06/07/17	3465.21	-	45.64	0.00	3419.57
RW - 2	07/06/17	3465.21	-	45.70	0.00	3419.51
RW - 2	08/23/17	3465.21	-	45.79	0.00	3419.42
RW - 2	11/29/17	3465.21	-	45.86	0.00	3419.35
RW - 2	12/26/17	3465.21	-	45.89	0.00	3419.32
RW - 2	02/28/18	3465.21	-	45.91	0.00	3419.30
RW - 2	05/24/18	3465.21	-	45.97	0.00	3419.24
RW - 2	06/28/18	3465.21	-	45.99	0.00	3419.22
RW - 2	08/21/18	3465.21	-	46.12	0.00	3419.09
RW - 2	12/05/18	3465.21	-	46.18	0.00	3419.03
RW - 2	12/31/18	3465.21	-	46.19	0.00	3419.02
RW - 2	01/18/19	3465.21	-	46.14	0.00	3419.07

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
HDO 90 - 23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	02/25/19	3465.21	-	46.17	0.00	3419.04
RW - 2	05/21/19	3465.21	-	46.05	0.00	3419.16
RW - 2	07/02/19	3465.21	-	46.10	0.00	3419.11
RW - 2	07/30/19	3465.21	-	46.17	0.00	3419.04
RW - 2	08/21/19	3465.21	-	46.20	0.00	3419.01
RW - 2	12/10/19	3465.21	-	46.01	0.00	3419.20
RW - 2	01/21/20	3465.21	-	46.00	0.00	3419.21
RW - 2	02/25/20	3465.21	-	45.97	0.00	3419.24
RW - 2	06/03/20	3465.21	-	45.97	0.00	3419.24
RW - 2	09/21/20	3465.21	-	46.25	0.00	3418.96
RW - 2	11/13/20	3465.21	-	46.27	0.00	3418.94

Note: Elevations based on North American Vertical Datum of 1929.

*Inconsistent Data

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 1	09/14/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	11/03/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	03/08/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	05/12/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	09/11/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	12/11/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	03/19/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	05/30/01	0.0520	<0.001	<0.001	<0.001	
MW - 1	09/25/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	11/20/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	02/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	06/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	09/17/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	11/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 1	02/18/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 1	12/07/04	<0.005	<0.005	<0.005	<0.005	
MW - 1	03/09/05	Not Sampled on Current Sample Schedule				
MW - 1	06/09/05	Not Sampled on Current Sample Schedule				
MW - 1	09/08/05	Not Sampled on Current Sample Schedule				
MW - 1	09/13/05	Plugged and Abandoned				
MW - 2	11/24/03	7.530	<0.010	2.660	1.02	0.034
MW - 2	05/12/04	8.930	0.0185	2.040	0.916	0.0518
MW - 2	12/08/04	9.850	0.202	2.610	1.78	
MW - 2	03/09/05	5.320	<0.05	1.870	1.18	
MW - 2	06/09/05	Not Sampled due to PSH in Well				
MW - 2	09/08/05	Not Sampled due to PSH in Well				
MW - 2	12/01/05	Not Sampled due to PSH in Well				
MW - 2	03/07/06	4.940	<0.1	2.990	1.01	
MW - 2	06/06/06	Not Sampled due to PSH in Well				
MW - 2	09/15/06	Not Sampled due to PSH in Well				
MW - 2	11/21/06	Not Sampled due to PSH in Well				
MW - 2	02/23/07	Not Sampled due to PSH in Well				
MW - 2	05/18/07	Not Sampled due to PSH in Well				
MW - 2	08/21/07	Not Sampled due to PSH in Well				
MW - 2	11/05/07	2.320	<0.2	2.310	0.892	
MW - 2	02/09/08	2.820	0.0613	3.280	1.08	
MW - 2	05/09/08	2.850	0.0244	2.500	0.658	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 2	08/13/08	2.370	0.0138	1.560	0.3710	
MW - 2	11/06/08	1.930	0.0118	0.748	0.0964	
MW - 2	02/05/09	1.960	<0.001	0.745	0.1110	
MW - 2	05/08/09	1.980	<0.001	0.689	0.2010	
MW - 2	08/05/09	1.660	<0.001	0.446	0.1390	
MW - 2	11/16/09	1.980	<0.1	0.600	<0.1	
MW - 2	02/08/10	Not Sampled due to PSH in Well				
MW - 2	05/11/10	Not Sampled due to PSH in Well				
MW - 2	08/10/10	Not Sampled due to PSH in Well				
MW - 2	11/09/10	Not Sampled due to PSH in Well				
MW - 2	02/15/11	Not Sampled due to PSH in Well				
MW - 2	05/05/11	Not Sampled due to PSH in Well				
MW - 2	08/04/11	Not Sampled due to PSH in Well				
MW - 2	11/21/11	Not Sampled due to PSH in Well				
MW - 2	02/13/12	Not Sampled due to PSH in Well				
MW - 2	05/29/12	Not Sampled due to PSH in Well				
MW - 2	08/10/12	Not Sampled due to PSH in Well				
MW - 2	11/06/12	Not Sampled due to PSH in Well				
MW - 2	02/06/13	Not Sampled due to PSH in Well				
MW - 2	05/08/13	Not Sampled due to PSH in Well				
MW - 2	08/01/13	Not Sampled due to PSH in Well				
MW - 2	11/05/13	0.009	<0.00100	<0.00100	<0.00100	
MW - 2	02/26/14	Not Sampled due to PSH in Well				
MW - 2	05/12/14	Not Sampled due to PSH in Well				
MW - 2	08/11/14	Not Sampled due to PSH in Well				
MW - 2	11/15/14	Not Sampled due to PSH in Well				
MW - 2	02/18/15	Not Sampled due to PSH in Well				
MW - 2	05/28/15	Not Sampled due to PSH in Well				
MW - 2	08/20/15	Not Sampled due to PSH in Well				
MW - 2	11/30/15	0.373	<0.0500	0.217	<0.0500	
MW - 2	02/25/16	0.384	<0.0500	0.473	<0.0500	
MW - 2	06/02/16	Not Sampled due to PSH in Well				
MW - 2	09/12/16	Not Sampled due to PSH in Well				
MW - 2	12/01/16	2.97	<0.0400	0.177	0.142	<0.0400
MW - 2	02/23/17	Not Sampled				
MW - 2	05/04/17	0.395	<0.00200	0.0151	0.0334	
MW - 2	08/24/17	0.628	0.167	0.0617	0.267	
MW - 2	11/29/17	0.233	0.0522	0.0408	<0.0800	
MW - 2	02/28/18	0.159	<0.0400	<0.0400	0.1242	
MW - 2	05/24/18	Not Sampled due to PSH in Well				
MW - 2	08/21/18	0.0137	0.0150	0.0247	0.0906	
MW - 2	12/05/18	0.0157	<0.0100	<0.00500	<0.0200	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 2	02/25/19	0.113	0.0134	0.0128	0.0140	
MW - 2	05/22/19	0.0915	0.00591	0.0151	0.02329	
MW - 2	08/21/19	0.274	0.0496	0.157	0.2130	
MW - 2	12/10/19	0.766	0.0779	0.0758	0.164	
MW - 2	02/25/20	0.310	0.0587	0.0845	0.2522	
MW - 2	06/02/20	Not Sampled due to PSH in Well				
MW - 2	09/21/20	Not Sampled due to PSH in Well				
MW - 2	11/13/20	Not Sampled due to PSH in Well				
MW - 3	09/14/99	1.8500	0.079	1.8200	0.116	<0.050
MW - 3	11/03/99	1.9000	<0.001	2.0600	0.16	<0.100
MW - 3	03/08/00	1.0400	<0.010	1.4300	<0.010	<0.010
MW - 3	05/12/00	0.5450	0.004	0.2590	<0.001	<0.001
MW - 3	09/11/00	0.5720	0.013	1.4900	<0.010	<0.010
MW - 3	12/11/00	0.3720	<0.010	1.5700	0.038	0.038
MW - 3	03/19/01	0.7810	<0.005	1.3400	0.01	<0.005
MW - 3	05/30/01	0.9020	<0.005	1.0500	0.203	
MW - 3	09/25/01	1.3400	<0.001	1.0400	0.014	<0.001
MW - 3	11/20/01	1.4400	<0.001	0.9710	0.021	<0.001
MW - 3	02/20/02	1.8700	<0.001	1.1400	0.043	<0.001
MW - 3	06/25/02	1.8000	<0.001	1.1000	0.471	<0.001
MW - 3	09/17/02	1.9600	<0.001	1.3100	0.018	<0.001
MW - 3	11/20/02	1.2300	<0.001	1.3300	0.027	0.001
MW - 3	02/11/03	13.6000	<0.001	13.0000	0.595	0.003
MW - 3	05/14/03	2.1800	<0.001	1.0600	0.041	<0.001
MW - 3	08/26/03	3.0000	<0.001	0.6170	0.016	<0.001
MW - 3	11/24/03	3.0000	<0.001	0.4070	0.015	<0.001
MW - 3	02/18/04	2.9000	<0.001	0.2180	0.015	<0.001
MW - 3	05/12/04	0.9360	<0.001	1.4400	0.16	0.022
MW - 3	08/25/04	0.0188	<.001	0.7940	0.023	0.00189
MW - 3	12/07/04	0.5870	<0.0100	<0.0100	<0.0100	
MW - 3	03/09/05	0.4540	<0.005	0.0076	<0.005	
MW - 3	06/09/05	0.3710	<0.01	0.1050	<0.01	
MW - 3	09/08/05	0.0829	<0.01	0.2580	0.0388	
MW - 3	12/01/05	0.1020	<0.02	<0.02	<0.02	
MW - 3	03/07/06	0.1300	<0.001	0.0479	0.019	
MW - 3	06/06/06	<0.005	<0.005	<0.005	<0.005	
MW - 3	09/15/06	0.0143	<0.001	0.1070	<0.001	
MW - 3	11/21/06	0.0177	<0.001	0.0089	<0.001	
MW - 3	02/23/07	0.0085	<0.001	0.0366	<0.001	
MW - 3	05/18/07	0.0056	<0.001	0.1570	0.0244	
MW - 3	08/21/07	0.0100	<0.001	0.0296	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 3	11/05/07	0.0133	<0.001	0.0460	0.0179	
MW - 3	02/09/08	0.0158	<0.001	0.0463	0.0022	
MW - 3	05/09/08	0.0446	<0.001	0.0181	0.0022	
MW - 3	08/13/08	<0.001	<0.001	<0.001	0.0034	
MW - 3	11/06/08	0.0032	<0.001	0.0200	0.0020	
MW - 3	02/05/09	0.0028	<0.001	<0.001	<0.001	
MW - 3	05/08/09	0.0084	<0.001	0.0676	<0.001	
MW - 3	08/05/09	Not Sampled				
MW - 3	11/16/09	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/08/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	05/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	08/10/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	11/09/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 3	05/05/11	0.0110	<0.001	<0.001	<0.001	
MW - 3	08/04/11	0.0566	<0.001	0.0081	<0.001	
MW - 3	11/21/11	0.0205	<0.001	0.0017	<0.001	
MW - 3	02/13/12	0.0171	<0.001	0.0042	<0.001	
MW - 3	05/29/12	0.0806	<0.001	<0.001	<0.001	
MW - 3	08/10/12	0.0605	<0.001	0.0108	0.0148	
MW - 3	11/06/12	0.0025	<0.001	0.0133	<0.001	
MW - 3	02/06/13	<0.001	<0.001	0.00640	<0.001	
MW - 3	05/08/13	<0.001	<0.001	<.00100	<0.001	
MW - 3	08/01/13	<0.001	<0.001	<.00100	<0.001	
MW - 3	11/05/13	<0.001	<0.001	<.00100	<0.001	
MW - 3	02/26/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 3	05/12/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 3	08/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	11/15/14	0.00530	<0.00100	<0.00100	<0.00100	
MW - 3	02/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	05/28/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	08/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	11/30/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/25/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	06/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	09/12/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	12/01/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 3	02/23/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 3	05/04/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 3	08/23/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 3	11/29/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 3	02/28/18	<0.00200	<0.00200	<0.00200	<0.00400	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030					
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62		
MW - 3	05/24/18	<0.00100	<0.0100	<0.00500	<0.0200		
MW - 3	08/21/18	<0.00100	<0.0100	<0.00500	<0.0200		
MW - 3	12/05/18	<0.00100	<0.0100	<0.00500	<0.0200		
MW - 3	02/25/19	<0.00100	<0.00100	<0.00100	<0.00200		
MW - 3	05/22/19	<0.00100	<0.00100	<0.00100	<0.00200		
MW - 3	08/21/19	<0.00100	<0.00100	<0.00100	<0.00200		
MW - 3	12/10/19	<0.00100	<0.00100	<0.00100	<0.00200		
MW - 3	02/25/20	<0.00100	<0.00100	<0.00100	<0.00200		
MW - 3	06/03/20	<0.00100	<0.00500	<0.00100	<0.00500		
MW - 3	09/22/20	<0.00100	<0.00100	<0.00100	<0.00200		
MW - 3	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200		
MW - 4	09/14/99	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 4	11/03/99	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 4	03/08/00	<0.001	<0.001	0.0020	<0.001	<0.001	
MW - 4	05/12/00	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 4	09/11/00	<0.001	0.002	<0.001	<0.001	<0.001	
MW - 4	12/11/00	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 4	03/19/01	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 4	05/30/01	<0.005	<0.005	<0.005	<0.005		
MW - 4	09/25/01	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 4	11/20/01	0.0010	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/20/02	0.0010	<0.001	<0.001	<0.001	<0.001	
MW - 4	06/25/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 4	09/17/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 4	11/20/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 4	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 4	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 4	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 4	02/18/04	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 4	12/07/04	<0.001	<0.001	<0.001	<0.001		
MW - 4	03/09/05	Not Sampled on Current Sample Schedule					
MW - 4	06/09/05	Not Sampled					
MW - 4	09/08/05	Not Sampled on Current Sample Schedule					
MW - 4	12/01/05	<0.001	<0.001	<0.001	<0.001		
MW - 4	03/07/06	Not Sampled on Current Sample Schedule					
MW - 4	06/06/06	<0.005	<0.005	<0.005	<0.005		
MW - 4	09/15/06	Not Sampled on Current Sample Schedule					
MW - 4	11/21/06	<0.001	<0.001	<0.001	<0.001		
MW - 4	02/23/07	Not Sampled on Current Sample Schedule					
MW - 4	05/18/07	<0.001	<0.001	<0.001	<0.001		

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 4	08/21/07	Not Sampled on Current Sample Schedule				
MW - 4	11/05/07	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/09/08	Not Sampled on Current Sample Schedule				
MW - 4	05/09/08	<0.001	<0.001	<0.001	<0.001	
MW - 4	08/13/08	Not Sampled on Current Sample Schedule				
MW - 4	11/06/08	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/05/09	Not Sampled on Current Sample Schedule				
MW - 4	05/08/09	<0.001	<0.001	<0.001	<0.001	
MW - 4	08/05/09	Not Sampled on Current Sample Schedule				
MW - 4	11/16/09	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/08/10	Not Sampled on Current Sample Schedule				
MW - 4	05/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 4	08/10/10	Not Sampled on Current Sample Schedule				
MW - 4	11/09/10	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 4	05/05/11	Not Sampled on Current Sample Schedule				
MW - 4	08/04/11	Not Sampled on Current Sample Schedule				
MW - 4	11/21/11	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/13/12	Not Sampled on Current Sample Schedule				
MW - 4	05/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 4	08/10/12	Not Sampled on Current Sample Schedule				
MW - 4	11/07/12	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/06/13	Not Sampled on Current Sample Schedule				
MW - 4	05/09/13	<0.001	<0.001	<0.001	<0.001	
MW - 4	08/01/13	Not Sampled on Current Sample Schedule				
MW - 4	11/05/13	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/26/14	Not Sampled on Current Sample Schedule				
MW - 4	05/29/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 4	08/11/14	Not Sampled on Current Sample Schedule				
MW - 4	12/18/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	02/18/15	Not Sampled on Current Sample Schedule				
MW - 4	05/28/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	08/20/15	Not Sampled on Current Sample Schedule				
MW - 4	11/30/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	02/25/16	Not Sampled on Current Sample Schedule				
MW - 4	06/02/16	<0.00100	0.0110	<0.00100	0.00150	
MW - 4	09/12/16	Not Sampled on Current Sample Schedule				
MW - 4	12/01/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 4	12/28/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 4	02/23/17	Not Sampled on Current Sample Schedule				
MW - 4	05/04/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 4	08/23/17	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 4	11/29/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 4	02/28/18	Not Sampled on Current Sample Schedule				
MW - 4	05/24/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 4	08/21/18	Not Sampled on Current Sample Schedule				
MW - 4	12/05/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 4	02/25/19	Not Sampled on Current Sample Schedule				
MW - 4	05/22/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 4	08/21/19	Not Sampled on Current Sample Schedule				
MW - 4	12/10/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 4	02/25/20	Not Sampled on Current Sample Schedule				
MW - 4	06/02/20	<0.00100	<0.00500	<0.00100	<0.00500	
MW - 4	09/21/20	Not Sampled on Current Sample Schedule				
MW - 4	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5	09/14/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	11/03/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	03/08/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	05/12/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	09/11/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	12/11/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	03/19/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	05/30/01	<0.005	<0.005	<0.005	<0.005	
MW - 5	09/25/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	11/20/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	02/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	06/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	09/17/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	11/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 5	02/18/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 5	12/07/04	0.0175	<0.001	<0.001	<0.001	
MW - 5	03/09/05	Not Sampled on Current Sample Schedule				
MW - 5	06/09/05	<0.001	<0.001	<0.001	<0.001	
MW - 5	09/08/05	Not Sampled on Current Sample Schedule				
MW - 5	12/01/05	Not Sampled due to Well Obstruction				
MW - 5	03/07/06	Not Sampled on Current Sample Schedule				
MW - 5	06/06/06	<0.005	<0.005	<0.005	<0.005	
MW - 5	09/15/06	Not Sampled on Current Sample Schedule				
MW - 5	12/05/06	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/23/07	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 5	05/18/07	<0.001	<0.001	<0.001	<0.001	
MW - 5	08/21/07	Not Sampled on Current Sample Schedule				
MW - 5	11/05/07	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/09/08	Not Sampled on Current Sample Schedule				
MW - 5	05/09/08	<0.001	<0.001	<0.001	<0.001	
MW - 5	08/13/08	Not Sampled on Current Sample Schedule				
MW - 5	11/06/08	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/05/09	Not Sampled on Current Sample Schedule				
MW - 5	05/08/09	<0.001	<0.001	<0.001	<0.001	
MW - 5	08/05/09	Not Sampled on Current Sample Schedule				
MW - 5	11/16/09	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/08/10	Not Sampled on Current Sample Schedule				
MW - 5	05/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 5	08/10/10	Not Sampled on Current Sample Schedule				
MW - 5	11/09/10	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/15/11	Not Sampled on Current Sample Schedule				
MW - 5	05/05/11	<0.001	<0.001	<0.001	<0.001	
MW - 5	08/04/11	Not Sampled on Current Sample Schedule				
MW - 5	11/21/11	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/13/12	Not Sampled on Current Sample Schedule				
MW - 5	05/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 5	08/10/12	Not Sampled on Current Sample Schedule				
MW - 5	11/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/06/13	Not Sampled on Current Sample Schedule				
MW - 5	05/09/13	<0.001	<0.001	<0.001	<0.001	
MW - 5	08/01/13	Not Sampled on Current Sample Schedule				
MW - 5	11/05/13	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/26/14	Not Sampled on Current Sample Schedule				
MW - 5	05/12/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 5	08/11/14	Not Sampled on Current Sample Schedule				
MW - 5	11/15/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	02/18/15	Not Sampled on Current Sample Schedule				
MW - 5	05/28/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	08/20/15	Not Sampled on Current Sample Schedule				
MW - 5	11/30/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	02/25/16	Not Sampled on Current Sample Schedule				
MW - 5	06/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	09/12/16	Not Sampled on Current Sample Schedule				
MW - 5	12/01/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 5	02/23/17	Not Sampled on Current Sample Schedule				
MW - 5	05/04/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 5	08/23/17	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 5	11/29/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 5	02/28/18	Not Sampled on Current Sample Schedule				
MW - 5	05/24/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 5	08/21/18	Not Sampled on Current Sample Schedule				
MW - 5	12/05/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 5	02/25/19	Not Sampled on Current Sample Schedule				
MW - 5	05/22/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5	08/21/19	Not Sampled on Current Sample Schedule				
MW - 5	12/10/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5	02/25/20	Not Sampled on Current Sample Schedule				
MW - 5	06/02/20	<0.00100	<0.00500	<0.00100	<0.00500	
MW - 5	09/21/20	Not Sampled on Current Sample Schedule				
MW - 5	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	09/14/99	0.0720	0.063	0.0200	0.022	0.01
MW - 6	03/09/05	Not Sampled due to PSH in Well				
MW - 6	06/09/05	Not Sampled due to PSH in Well				
MW - 6	09/08/05	Not Sampled due to PSH in Well				
MW - 6	12/01/05	Not Sampled due to PSH in Well				
MW - 6	03/07/06	Not Sampled due to PSH in Well				
MW - 6	06/06/06	Not Sampled due to PSH in Well				
MW - 6	09/15/06	Not Sampled due to PSH in Well				
MW - 6	12/05/06	Not Sampled due to PSH in Well				
MW - 6	02/23/07	Not Sampled due to PSH in Well				
MW - 6	05/18/07	Not Sampled due to PSH in Well				
MW - 6	08/21/07	Not Sampled due to PSH in Well				
MW - 6	11/05/07	Not Sampled due to PSH in Well				
MW - 6	02/09/08	Not Sampled due to PSH in Well				
MW - 6	05/09/08	Not Sampled due to PSH in Well				
MW - 6	08/13/08	Not Sampled due to PSH in Well				
MW - 6	11/06/08	1.070	0.776	1.370	2.8	
MW - 6	02/05/09	Not Sampled due to PSH in Well				
MW - 6	05/08/09	Not Sampled due to PSH in Well				
MW - 6	08/05/09	Not Sampled due to PSH in Well				
MW - 6	11/16/09	1.560	0.497	0.891	1.35	
MW - 6	02/08/10	Not Sampled due to PSH in Well				
MW - 6	05/11/10	Not Sampled due to PSH in Well				
MW - 6	08/10/10	Not Sampled due to PSH in Well				
MW - 6	11/09/10	Not Sampled due to PSH in Well				
MW - 6	02/15/11	Not Sampled due to PSH in Well				
MW - 6	05/05/11	Not Sampled due to PSH in Well				
MW - 6	08/04/11	Not Sampled due to PSH in Well				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 6	11/21/11	Not Sampled due to PSH in Well				
MW - 6	02/13/12	Not Sampled due to PSH in Well				
MW - 6	05/29/12	Not Sampled due to PSH in Well				
MW - 6	08/10/12	Not Sampled due to PSH in Well				
MW - 6	11/06/12	Not Sampled due to PSH in Well				
MW - 6	02/06/13	Not Sampled due to PSH in Well				
MW - 6	05/08/13	Not Sampled due to PSH in Well				
MW - 6	08/01/13	Not Sampled due to PSH in Well				
MW - 6	11/05/13	Not Sampled due to PSH in Well				
MW - 6	02/26/14	Not Sampled due to PSH in Well				
MW - 6	05/12/14	Not Sampled due to PSH in Well				
MW - 6	08/11/14	Not Sampled due to PSH in Well				
MW - 6	11/15/14	Not Sampled due to PSH in Well				
MW - 6	02/18/15	Not Sampled due to PSH in Well				
MW - 6	05/28/15	Not Sampled due to PSH in Well				
MW - 6	08/20/15	Not Sampled due to PSH in Well				
MW - 6	11/30/15	Not Sampled due to PSH in Well				
MW - 6	02/25/16	Not Sampled due to PSH in Well				
MW - 6	06/02/16	Not Sampled due to PSH in Well				
MW - 6	09/12/16	Not Sampled due to PSH in Well				
MW - 6	12/01/16	Not Sampled due to PSH in Well				
MW - 6	02/23/17	Not Sampled due to PSH in Well				
MW - 6	05/04/17	Not Sampled due to PSH in Well				
MW - 6	08/23/17	Not Sampled due to PSH in Well				
MW - 6	11/29/17	Not Sampled due to PSH in Well				
MW - 6	02/28/18	Not Sampled due to PSH in Well				
MW - 6	05/24/18	Not Sampled due to PSH in Well				
MW - 6	08/21/18	Not Sampled due to PSH in Well				
MW - 6	12/05/18	Not Sampled due to PSH in Well				
MW - 6	02/25/19	Not Sampled due to PSH in Well				
MW - 6	05/22/19	Not Sampled due to PSH in Well				
MW - 6	08/21/19	Not Sampled due to PSH in Well				
MW - 6	12/10/19	Not Sampled due to PSH in Well				
MW - 6	02/25/20	Not Sampled due to PSH in Well				
MW - 6	06/02/20	Not Sampled due to PSH in Well				
MW - 6	09/21/20	Not Sampled due to PSH in Well				
MW - 6	11/13/20	Not Sampled due to PSH in Well				
MW - 7	09/14/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	11/03/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	03/08/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	05/12/00	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 7	09/11/00	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 7	12/11/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	03/19/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	05/30/01	<0.005	<0.005	<0.005	<0.005	
MW - 7	09/25/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	11/20/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	02/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	06/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	09/17/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	11/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 7	02/18/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 7	12/07/04	<0.001	<0.001	<0.001	<0.001	
MW - 7	03/09/05	Not Sampled on Current Sample Schedule				
MW - 7	06/09/05	Not Sampled on Current Sample Schedule				
MW - 7	09/08/05	Not Sampled on Current Sample Schedule				
MW - 7	09/13/05	Plugged and Abandoned				
MW - 8	09/14/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	11/03/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	03/08/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	05/12/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	09/11/00	<0.001	<0.001	0.0020	<0.001	<0.001
MW - 8	12/11/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	03/19/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	05/30/01	<0.005	<0.005	<0.005	<0.005	
MW - 8	09/25/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	11/20/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	02/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	06/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	09/17/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	11/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 8	02/18/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 8	03/09/05	Not Sampled on Current Sample Schedule				
MW - 8	06/09/05	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 8	09/08/05	Not Sampled on Current Sample Schedule				
MW - 8	12/01/05	<0.001	<0.001	<0.001	<0.001	
MW - 8	03/07/06	Not Sampled on Current Sample Schedule				
MW - 8	06/06/06	Not Sampled on Current Sample Schedule				
MW - 8	09/15/06	Not Sampled on Current Sample Schedule				
MW - 8	11/21/06	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/23/07	Not Sampled on Current Sample Schedule				
MW - 8	05/18/07	Not Sampled on Current Sample Schedule				
MW - 8	08/21/07	Not Sampled on Current Sample Schedule				
MW - 8	11/05/07	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/09/08	Not Sampled on Current Sample Schedule				
MW - 8	05/09/08	Not Sampled on Current Sample Schedule				
MW - 8	08/13/08	Not Sampled on Current Sample Schedule				
MW - 8	11/06/08	0.0028	0.001	<0.001	0.0012	
MW - 8	02/05/09	Not Sampled on Current Sample Schedule				
MW - 8	05/08/09	Not Sampled on Current Sample Schedule				
MW - 8	08/05/09	Not Sampled on Current Sample Schedule				
MW - 8	11/16/09	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/08/10	Not Sampled on Current Sample Schedule				
MW - 8	05/11/10	Not Sampled on Current Sample Schedule				
MW - 8	08/10/10	Not Sampled on Current Sample Schedule				
MW - 8	11/09/10	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/15/11	Not Sampled on Current Sample Schedule				
MW - 8	05/05/11	Not Sampled on Current Sample Schedule				
MW - 8	08/04/11	Not Sampled on Current Sample Schedule				
MW - 8	11/21/11	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/13/12	Not Sampled on Current Sample Schedule				
MW - 8	05/29/12	Not Sampled on Current Sample Schedule				
MW - 8	08/10/12	Not Sampled on Current Sample Schedule				
MW - 8	11/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/06/13	Not Sampled on Current Sample Schedule				
MW - 8	05/08/13	Not Sampled on Current Sample Schedule				
MW - 8	08/01/13	Not Sampled on Current Sample Schedule				
MW - 8	11/05/13	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/26/14	Not Sampled on Current Sample Schedule				
MW - 8	08/12/14	Not Sampled on Current Sample Schedule				
MW - 8	08/11/14	Not Sampled on Current Sample Schedule				
MW - 8	11/15/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/18/15	Not Sampled on Current Sample Schedule				
MW - 8	05/28/15	Not Sampled on Current Sample Schedule				
MW - 8	08/20/15	Not Sampled on Current Sample Schedule				
MW - 8	11/30/15	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 8	02/25/16	Not Sampled on Current Sample Schedule				
MW - 8	06/02/16	Not Sampled on Current Sample Schedule				
MW - 8	09/12/16	Not Sampled on Current Sample Schedule				
MW - 8	12/01/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 8	02/23/17	Not Sampled on Current Sample Schedule				
MW - 8	05/04/17	Not Sampled on Current Sample Schedule				
MW - 8	08/23/17	Not Sampled on Current Sample Schedule				
MW - 8	11/29/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 8	02/28/18	Not Sampled on Current Sample Schedule				
MW - 8	05/24/18	Not Sampled on Current Sample Schedule				
MW - 8	08/21/18	Not Sampled on Current Sample Schedule				
MW - 8	12/05/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 8	02/25/19	Not Sampled on Current Sample Schedule				
MW - 8	05/22/19	Not Sampled on Current Sample Schedule				
MW - 8	08/21/19	Not Sampled on Current Sample Schedule				
MW - 8	12/10/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 8	02/25/20	Not Sampled on Current Sample Schedule				
MW - 8	06/02/20	Not Sampled on Current Sample Schedule				
MW - 8	09/21/20	Not Sampled on Current Sample Schedule				
MW - 8	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	01/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 9	02/18/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 9	05/12/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 9	08/23/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 9	12/07/04	<0.001	<0.001	<0.001	<0.001	
MW - 9	03/09/05	<0.001	<0.001	<0.001	<0.001	
MW - 9	06/09/05	<0.001	<0.001	<0.001	<0.001	
MW - 9	09/08/05	<0.001	<0.001	<0.001	<0.001	
MW - 9	12/01/05	<0.001	<0.001	<0.001	<0.001	
MW - 9	03/07/06	<0.001	<0.001	<0.001	<0.001	
MW - 9	06/06/06	<0.005	<0.005	<0.005	<0.005	
MW - 9	09/15/06	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/21/06	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 9	05/18/07	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/21/07	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/05/07	<0.001	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 9	02/08/08	<0.001	<0.001	<0.001	<0.001	
MW - 9	05/09/08	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/06/08	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/04/09	<0.001	<0.001	<0.001	<0.001	
MW - 9	05/08/09	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/05/09	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/16/09	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/08/10	Not Sampled on Current Sample Schedule				
MW - 9	05/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/10/10	Not Sampled on Current Sample Schedule				
MW - 9	11/09/10	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/15/11	Not Sampled on Current Sample Schedule				
MW - 9	05/05/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/04/11	Not Sampled on Current Sample Schedule				
MW - 9	11/21/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/13/12	Not Sampled on Current Sample Schedule				
MW - 9	05/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/10/12	Not Sampled on Current Sample Schedule				
MW - 9	11/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/06/13	Not Sampled on Current Sample Schedule				
MW - 9	05/08/13	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/01/13	Not Sampled on Current Sample Schedule				
MW - 9	11/05/13	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/26/14	Not Sampled on Current Sample Schedule				
MW - 9	05/12/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 9	08/11/14	Not Sampled on Current Sample Schedule				
MW - 9	11/15/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 9	02/18/15	Not Sampled on Current Sample Schedule				
MW - 9	05/28/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 9	08/20/15	Not Sampled on Current Sample Schedule				
MW - 9	11/30/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 9	02/25/16	Not Sampled on Current Sample Schedule				
MW - 9	06/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 9	09/12/16	Not Sampled on Current Sample Schedule				
MW - 9	12/01/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 9	02/23/17	Not Sampled on Current Sample Schedule				
MW - 9	05/04/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 9	08/23/17	Not Sampled on Current Sample Schedule				
MW - 9	11/29/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 9	02/28/18	Not Sampled on Current Sample Schedule				
MW - 9	05/24/18	<0.00100	<0.0100	<0.00500	<0.0200	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 9	08/21/18	Not Sampled on Current Sample Schedule				
MW - 9	12/05/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 9	02/25/19	Not Sampled on Current Sample Schedule				
MW - 9	05/22/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	08/21/19	Not Sampled on Current Sample Schedule				
MW - 9	12/10/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	02/25/20	Not Sampled on Current Sample Schedule				
MW - 9	06/18/20	<0.00100	<0.00500	<0.00500	<0.00500	
MW - 9	09/21/20	Not Sampled on Current Sample Schedule				
MW - 9	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	01/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 10	02/18/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 10	05/12/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 10	08/23/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 10	12/07/04	<0.001	<0.001	<0.001	<0.001	
MW - 10	03/09/05	<0.001	<0.001	<0.001	<0.001	
MW - 10	06/09/05	<0.001	<0.001	<0.001	<0.001	
MW - 10	09/08/05	Not Sampled on Current Sample Schedule				
MW - 10	09/13/05	Plugged and Abandoned				
MW - 11	01/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 11	02/18/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 11	05/12/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 11	08/23/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 11	12/07/04	<0.001	<0.001	<0.001	<0.001	
MW - 11	03/09/05	<0.001	<0.001	<0.001	<0.001	
MW - 11	06/09/05	<0.001	<0.001	<0.001	<0.001	
MW - 11	09/08/05	Not Sampled on Current Sample Schedule				
MW - 11	09/13/05	Plugged and Abandoned				
MW - 12	01/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 12	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	02/18/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	05/12/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	08/23/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	12/07/04	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	03/09/05	<0.001	<0.001	<0.001	<0.001	
MW - 12	06/09/05	<0.001	<0.001	<0.001	<0.001	
MW - 12	09/08/05	<0.001	<0.001	<0.001	<0.001	
MW - 12	12/01/05	<0.001	<0.001	<0.001	<0.001	
MW - 12	03/07/06	<0.001	<0.001	<0.001	<0.001	
MW - 12	06/06/06	<0.005	<0.005	<0.005	<0.005	
MW - 12	09/15/06	<0.001	<0.001	<0.001	<0.001	
MW - 12	11/21/06	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 12	05/18/07	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/21/07	<0.001	<0.001	<0.001	<0.001	
MW - 12	11/05/07	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/08/08	<0.001	<0.001	<0.001	<0.001	
MW - 12	05/09/08	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 12	11/06/08	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/04/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	05/08/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/05/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	11/16/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/08/10	<0.001	<0.001	<0.001	<0.001	
MW - 12	05/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/10/10	<0.001	<0.001	<0.001	<0.001	
MW - 12	11/09/10	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 12	05/05/11	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/04/11	<0.001	<0.001	<0.001	<0.001	
MW - 12	11/21/11	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/13/12	<0.001	<0.001	<0.001	<0.001	
MW - 12	05/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/10/12	<0.001	<0.001	<0.001	0.0127	
MW - 12	11/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/06/13	<0.001	<0.001	<0.001	<0.001	
MW - 12	05/08/13	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/01/13	<0.001	<0.001	<0.001	<0.001	
MW - 12	11/05/13	<0.001	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 12	02/26/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 12	05/12/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 12	08/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	11/15/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	02/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	05/28/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	08/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	11/30/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	02/25/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	06/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	09/12/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	12/01/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 12	02/23/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 12	05/05/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 12	08/23/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 12	11/29/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 12	02/28/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 12	05/24/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 12	08/21/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 12	12/05/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 12	02/25/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	05/22/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	08/21/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	12/10/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	02/25/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	06/03/20	<0.00100	<0.00500	<0.00100	<0.00500	
MW - 12	09/22/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	01/10/03	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 13	02/11/03	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 13	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 13	02/18/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 13	05/12/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 13	08/23/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 13	12/07/04	0.0349	<0.001	<0.001	<0.001	
MW - 13	03/09/05	0.0326	<0.001	<0.001	<0.001	
MW - 13	06/09/05	0.0038	<0.001	<0.001	<0.001	
MW - 13	09/08/05	<0.001	<0.001	<0.001	<0.001	
MW - 13	12/01/05	<0.001	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 13	03/07/06	<0.001	<0.001	<0.001	<0.001	
MW - 13	06/06/06	<0.005	<0.005	<0.005	<0.005	
MW - 13	09/15/06	<0.001	<0.001	<0.001	<0.001	
MW - 13	11/21/06	<0.001	<0.001	<0.001	0.0019	
MW - 13	02/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 13	05/18/07	<0.001	<0.001	<0.001	<0.001	
MW - 13	08/21/07	<0.001	<0.001	<0.001	<0.001	
MW - 13	11/05/07	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/08/08	<0.001	<0.001	<0.001	<0.001	
MW - 13	05/09/08	<0.001	<0.001	<0.001	<0.001	
MW - 13	08/19/08	<0.001	<0.001	<0.001	<0.001	
MW - 13	11/06/08	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/05/09	<0.001	<0.001	<0.001	<0.001	
MW - 13	05/08/09	<0.001	<0.001	<0.001	<0.001	
MW - 13	08/05/09	<0.001	<0.001	<0.001	<0.001	
MW - 13	11/16/09	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/08/10	<0.001	<0.001	<0.001	<0.001	
MW - 13	05/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 13	08/10/10	<0.001	<0.001	<0.001	<0.001	
MW - 13	11/09/10	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 13	05/05/11	<0.001	<0.001	<0.001	<0.001	
MW - 13	08/04/11	<0.001	<0.001	<0.001	<0.001	
MW - 13	11/21/11	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/13/12	<0.001	<0.001	<0.001	<0.001	
MW - 13	05/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 13	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 13	11/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/06/13	<0.001	<0.001	<0.001	<0.001	
MW - 13	05/08/13	<0.001	<0.001	<0.001	<0.001	
MW - 13	08/01/13	<0.001	<0.001	<0.001	<0.001	
MW - 13	11/05/13	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/26/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 13	05/12/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 13	08/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	11/15/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	02/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	05/28/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	08/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	11/30/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	02/25/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	06/02/16	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 13	09/12/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	12/01/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 13	02/23/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 13	05/04/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 13	08/23/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 13	11/29/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 13	02/28/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 13	05/24/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 13	08/21/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 13	12/05/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 13	02/25/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	05/22/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	08/21/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	12/10/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	02/25/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	06/03/20	<0.00100	<0.00500	<0.00100	<0.00500	
MW - 13	09/22/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	01/10/03	0.0710	0.007	0.1340	0.011	0.008
MW - 14	02/11/03	0.0930	0.007	0.2600	0.013	0.001
MW - 14	05/15/03	0.0460	0.003	0.1380	0.008	<0.001
MW - 14	08/26/03	0.0260	0.003	0.0850	0.003	0.002
MW - 14	12/07/04	0.0622	<0.002	0.0858	<0.002	
MW - 14	03/09/05	0.0263	<0.005	0.0569	0.0085	
MW - 14	06/09/05	Not Sampled due to PSH in Well				
MW - 14	09/08/05	0.0286	0.0062	0.1110	0.0882	
MW - 14	12/01/05	Not Sampled due to PSH in Well				
MW - 14	03/07/06	Not Sampled due to PSH in Well				
MW - 14	06/06/06	Not Sampled due to PSH in Well				
MW - 14	09/15/06	Not Sampled due to PSH in Well				
MW - 14	11/21/06	Not Sampled due to PSH in Well				
MW - 14	02/23/07	Not Sampled due to PSH in Well				
MW - 14	05/18/07	Not Sampled due to PSH in Well				
MW - 14	08/21/07	Not Sampled due to PSH in Well				
MW - 14	11/05/07	0.0039	0.0036	0.1380	0.0629	
MW - 14	02/09/08	0.0061	0.0053	0.2800	0.078	
MW - 14	05/09/08	0.0045	0.0011	0.0865	0.0213	
MW - 14	08/13/08	0.0045	0.0023	0.1940	0.0252	
MW - 14	11/06/08	0.0083	0.0045	0.3250	0.0414	
MW - 14	02/05/09	0.0025	0.0015	0.1260	0.0183	
MW - 14	05/08/09	0.0065	<0.001	0.0142	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 14	08/05/09	0.0036	<0.001	0.0092	<0.001	
MW - 14	11/16/09	0.0017	<0.001	0.0132	<0.001	
MW - 14	02/08/10	0.0023	<0.001	0.0082	0.0037	
MW - 14	05/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 14	08/10/10	0.0017	<0.001	<0.001	<0.001	
MW - 14	11/09/10	<0.001	<0.001	<0.001	<0.001	
MW - 14	02/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 14	05/05/11	<0.001	<0.0001	<0.001	<0.001	
MW - 14	08/04/11	<0.001	<0.0001	<0.001	<0.001	
MW - 14	11/21/11	<0.001	<0.001	<0.001	<0.001	
MW - 14	02/13/12	<0.001	<0.001	<0.001	<0.001	
MW - 14	05/29/12	0.0019	<0.001	<0.001	<0.001	
MW - 14	08/10/12	0.0037	<0.001	0.0058	0.0129	
MW - 14	11/06/12	<0.005	<0.005	<0.005	<0.005	
MW - 14	02/06/13	<0.005	<0.005	<0.005	<0.005	
MW - 14	05/08/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 14	08/01/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 14	11/05/13	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW - 14	02/26/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 14	05/12/14	0.00160	<0.00100	<0.00100	<0.00300	
MW - 14	08/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 14	11/15/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 14	02/18/15	0.00100	<0.00100	<0.00100	<0.00100	
MW - 14	05/28/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 14	08/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 14	11/30/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 14	02/25/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 14	06/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 14	09/12/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 14	12/28/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 14	02/23/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 14	05/04/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 14	09/01/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 14	11/29/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 14	02/28/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 14	05/24/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 14	08/21/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 14	12/05/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 14	02/25/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	05/22/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	08/21/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	12/10/19	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 14	02/25/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	06/03/20	<0.00100	<0.00500	<0.00100	<0.00500	
MW - 14	09/22/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	01/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 15	02/18/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 15	05/12/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 15	08/25/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 15	12/07/04	0.3360	<0.001	0.0561	0.067	
MW - 15	03/09/05	0.0253	<0.001	0.0048	<0.001	
MW - 15	06/09/05	<0.001	<0.001	<0.001	<0.001	
MW - 15	09/08/05	Not Sampled due to Well Obstruction				
MW - 15	12/01/05	0.0128	<0.001	0.0019	<0.001	
MW - 15	03/07/06	0.0016	<0.001	<0.001	<0.001	
MW - 15	06/06/06	<0.005	<0.005	<0.005	<0.005	
MW - 15	09/15/06	<0.001	<0.001	<0.001	<0.001	
MW - 15	12/05/06	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 15	05/18/07	<0.001	<0.001	<0.001	<0.001	
MW - 15	08/21/07	Not Sampled due to PSH in Well				
MW - 15	11/05/07	<0.001	<0.001	0.0012	<0.001	
MW - 15	02/09/08	<0.001	<0.001	0.0063	0.0093	
MW - 15	05/08/08	<0.001	<0.001	<0.001	<0.001	
MW - 15	08/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 15	11/06/08	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/05/09	<0.001	<0.001	<0.001	<0.001	
MW - 15	05/08/09	<0.001	<0.001	<0.001	<0.001	
MW - 15	08/05/09	<0.001	<0.001	<0.001	<0.001	
MW - 15	11/16/09	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/08/10	<0.001	<0.001	<0.001	<0.001	
MW - 15	05/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 15	08/10/10	<0.001	<0.001	<0.001	<0.001	
MW - 15	11/09/10	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 15	05/05/11	<0.001	<0.001	<0.001	<0.001	
MW - 15	08/04/11	<0.001	<0.001	<0.001	<0.001	
MW - 15	11/21/11	<0.001	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 15	02/13/12	<0.001	<0.001	<0.001	<0.001	
MW - 15	05/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 15	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 15	11/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/06/13	<0.001	<0.001	<0.001	<0.001	
MW - 15	05/08/13	<0.001	<0.001	<0.001	<0.001	
MW - 15	08/01/13	<0.001	<0.001	<0.001	<0.001	
MW - 15	11/05/13	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/26/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 15	05/12/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 15	08/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	11/15/14	0.00430	<0.00100	0.0144	<0.00100	
MW - 15	02/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	05/28/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	08/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	11/30/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	02/25/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	06/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	09/12/16	<0.00100	<0.00100	0.00140	0.00270	
MW - 15	12/01/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 15	02/23/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 15	05/04/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 15	08/23/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 15	11/29/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 15	02/28/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 15	05/24/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 15	08/21/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 15	12/05/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 15	02/25/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	05/22/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	08/21/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	12/10/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	02/25/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	06/03/20	<0.00100	<0.00500	<0.00100	<0.00500	
MW - 15	09/22/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 16	12/10/04	<0.001	<0.001	<0.001	<0.001	
MW - 16	03/09/05	<0.001	<0.001	<0.001	<0.001	
MW - 16	06/09/05	<0.001	<0.001	<0.001	<0.001	
MW - 16	09/08/05	<0.001	<0.001	<0.001	<0.001	
MW - 16	12/01/05	<0.001	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 16	03/07/06	<0.001	<0.001	<0.001	<0.001	
MW - 16	06/06/06	<0.005	<0.005	<0.005	<0.005	
MW - 16	09/15/06	<0.001	<0.001	<0.001	<0.001	
MW - 16	11/21/06	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 16	05/18/07	<0.001	<0.001	<0.001	<0.001	
MW - 16	08/21/07	<0.001	<0.001	<0.001	<0.001	
MW - 16	11/05/07	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/08/08	<0.001	<0.001	<0.001	<0.001	
MW - 16	05/09/08	<0.001	<0.001	<0.001	<0.001	
MW - 16	08/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 16	11/06/08	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/04/09	<0.001	<0.001	<0.001	<0.001	
MW - 16	05/08/09	<0.001	<0.001	<0.001	<0.001	
MW - 16	08/05/09	<0.001	<0.001	<0.001	<0.001	
MW - 16	11/16/09	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/08/10	Not Sampled on Current Sample Schedule				
MW - 16	05/11/10	Not Sampled on Current Sample Schedule				
MW - 16	08/10/10	Not Sampled on Current Sample Schedule				
MW - 16	11/09/10	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/15/11	Not Sampled on Current Sample Schedule				
MW - 16	05/05/11	Not Sampled on Current Sample Schedule				
MW - 16	08/04/11	Not Sampled on Current Sample Schedule				
MW - 16	11/21/11	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/13/12	Not Sampled on Current Sample Schedule				
MW - 16	05/29/12	Not Sampled on Current Sample Schedule				
MW - 16	08/10/12	Not Sampled on Current Sample Schedule				
MW - 16	11/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/06/13	Not Sampled on Current Sample Schedule				
MW - 16	05/08/13	Not Sampled on Current Sample Schedule				
MW - 16	08/01/13	Not Sampled on Current Sample Schedule				
MW - 16	11/05/13	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/26/14	Not Sampled on Current Sample Schedule				
MW - 16	05/12/14	Not Sampled on Current Sample Schedule				
MW - 16	08/11/14	Not Sampled on Current Sample Schedule				
MW - 16	11/15/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	02/18/15	Not Sampled on Current Sample Schedule				
MW - 16	05/28/15	Not Sampled on Current Sample Schedule				
MW - 16	08/20/15	Not Sampled on Current Sample Schedule				
MW - 16	11/30/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	02/25/16	Not Sampled on Current Sample Schedule				
MW - 16	06/02/16	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 16	09/12/16	Not Sampled on Current Sample Schedule				
MW - 16	12/01/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 16	02/23/17	Not Sampled on Current Sample Schedule				
MW - 16	05/04/17	Not Sampled on Current Sample Schedule				
MW - 16	08/23/17	Not Sampled on Current Sample Schedule				
MW - 16	11/29/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 16	02/28/18	Not Sampled on Current Sample Schedule				
MW - 16	05/24/18	Not Sampled on Current Sample Schedule				
MW - 16	08/21/18	Not Sampled on Current Sample Schedule				
MW - 16	12/05/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 16	02/25/19	Not Sampled on Current Sample Schedule				
MW - 16	05/22/19	Not Sampled on Current Sample Schedule				
MW - 16	08/21/19	Not Sampled on Current Sample Schedule				
MW - 16	12/10/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 16	02/25/20	Not Sampled on Current Sample Schedule				
MW - 16	06/02/20	Not Sampled on Current Sample Schedule				
MW - 16	09/21/20	Not Sampled on Current Sample Schedule				
MW - 16	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	12/10/04	<0.005	<0.005	<0.005	<0.005	
MW - 17	03/09/05	<0.001	<0.001	<0.001	<0.001	
MW - 17	09/08/05	Not Sampled				
MW - 17	06/09/05	<0.005	<0.005	<0.005	<0.005	
MW - 17	12/01/05	<0.001	<0.001	<0.001	<0.001	
MW - 17	03/07/06	<0.001	<0.001	<0.001	<0.001	
MW - 17	06/06/06	<0.005	<0.005	<0.005	<0.005	
MW - 17	09/15/06	<0.001	<0.001	<0.001	<0.001	
MW - 17	11/21/06	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 17	05/18/07	<0.001	<0.001	<0.001	<0.001	
MW - 17	08/21/07	<0.001	<0.001	<0.001	<0.001	
MW - 17	11/05/07	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/08/08	<0.001	<0.001	<0.001	<0.001	
MW - 17	05/09/08	<0.001	<0.001	<0.001	<0.001	
MW - 17	08/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 17	11/06/08	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/04/09	<0.001	<0.001	<0.001	<0.001	
MW - 17	05/08/09	<0.001	<0.001	<0.001	<0.001	
MW - 17	08/05/09	<0.001	<0.001	<0.001	<0.001	
MW - 17	11/16/09	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/08/10	<0.001	<0.001	<0.001	<0.001	
MW - 17	05/11/10	<0.001	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 17	08/10/10	<0.001	<0.001	<0.001	<0.001	
MW - 17	11/09/10	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 17	05/05/11	<0.001	<0.001	<0.001	<0.001	
MW - 17	08/04/11	<0.001	<0.001	<0.001	<0.001	
MW - 17	11/21/11	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/13/12	<0.001	<0.001	<0.001	<0.001	
MW - 17	05/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 17	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 17	11/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/06/13	<0.001	<0.001	<0.001	<0.001	
MW - 17	05/08/13	<0.001	<0.001	<0.001	<0.001	
MW - 17	08/01/13	<0.001	<0.001	<0.001	<0.001	
MW - 17	11/05/13	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/26/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 17	05/12/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 17	08/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	11/15/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	02/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	05/28/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	08/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	11/30/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	02/25/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	06/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	09/12/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	12/01/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 17	02/23/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 17	05/04/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 17	08/23/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 17	11/29/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 17	02/28/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 17	05/24/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 17	08/21/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 17	12/05/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 17	02/25/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	05/22/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	08/21/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	12/10/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	02/25/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	06/02/20	<0.00100	<0.00500	<0.00100	<0.00500	
MW - 17	09/22/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
RW - 1	05/15/03	1.130	<0.001	0.2930	0.048	0.001
RW - 1	11/24/03	3.680	0.001	1.6000	0.044	0.003
RW - 1	02/18/04	1.320	0.001	0.6680	0.026	0.003
RW - 1	05/12/04	1.500	0.00272	0.8500	0.0313	0.0101
RW - 1	08/25/04	0.980	0.0287	0.3410	0.116	0.0652
RW - 1	12/08/04	0.680	<0.002	0.2100	<0.002	
RW - 1	03/09/05	0.419	<0.005	0.1190	<0.005	
RW - 1	06/09/05	2.390	0.437	1.0200	0.612	
RW - 1	09/08/05	Not Sampled due to PSH in Well				
RW - 1	12/01/05	2.160	0.212	1.0000	0.507	
RW - 1	03/07/06	2.980	<0.2	1.0200	0.713	
RW - 1	06/06/06	3.750	0.0239	1.1200	1.05	
RW - 1	09/15/06	1.820	<0.02	0.4370	0.473	
RW - 1	11/21/06	2.050	<0.02	0.8310	0.837	
RW - 1	02/23/07	2.020	<0.2	0.6390	0.503	
RW - 1	05/18/07	1.720	<0.05	0.6850	0.502	
RW - 1	08/21/07	2.580	<0.05	1.4300	1.04	
RW - 1	11/07/07	1.580	<0.2	<0.2	<0.2	
RW - 1	02/09/08	0.815	<0.020	0.4940	0.249	
RW - 1	05/09/08	0.340	<0.01	0.1790	0.135	
RW - 1	08/13/08	0.0126	<0.005	<0.005	0.0082	
RW - 1	11/06/08	1.060	0.0431	0.3800	0.164	
RW - 1	02/05/09	0.505	0.0065	0.2680	0.092	
RW - 1	05/08/09	0.823	<0.005	0.4160	0.120	
RW - 1	08/05/09	0.792	0.0190	0.1880	0.096	
RW - 1	11/16/09	0.512	<0.005	0.0176	<0.005	
RW - 1	02/08/10	0.543	<0.005	0.0412	0.03	
RW - 1	05/11/10	0.426	<0.005	0.0202	<0.005	
RW - 1	08/10/10	0.580	<0.001	<0.001	<0.001	
RW - 1	11/09/10	0.550	0.0355	0.0679	0.0966	
RW - 1	02/15/11	0.434	<0.0100	<0.0100	0.202	
RW - 1	05/05/11	0.434	<0.005	<0.005	<0.005	
RW - 1	08/04/11	0.428	<0.005	<0.005	<0.005	
RW - 1	11/21/11	0.174	<0.001	0.0047	0.0035	
RW - 1	02/13/12	0.166	<0.001	0.0203	0.0121	
RW - 1	05/29/12	0.138	<0.001	0.0055	0.0097	
RW - 1	08/10/12	0.068	<0.001	0.0244	0.0272	
RW - 1	11/06/12	0.103	<0.001	0.0199	0.0138	
RW - 1	02/06/13	0.111	<0.005	<0.005	<0.005	
RW - 1	05/08/13	0.0517	<.00100	<.00100	<.00100	
RW - 1	08/01/13	<0.00100	<.00100	<.00100	<.00100	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
RW - 1	11/05/13	0.2080	<.00100	0.0266	0.0166	
RW - 1	02/26/14	0.424	<0.0500	<0.0500	<0.150	
RW - 1	05/12/14	0.398	<0.0500	<0.0500	<0.150	
RW - 1	08/11/14	0.163	<0.00100	<0.00100	<0.00100	
RW - 1	11/15/14	0.998	<0.00100	0.227	0.429	
RW - 1	02/18/15	0.619	<0.0500	0.110	0.0957	
RW - 1	05/28/15	0.526	<0.0500	0.0920	<0.0500	
RW - 1	08/20/15	0.313	<0.0500	0.0551	<0.0500	
RW - 1	11/30/15	0.268	<0.00100	0.0303	0.00380	
RW - 1	02/25/16	0.225	<0.00100	0.0380	<0.00100	
RW - 1	06/02/16	0.145	<0.00100	0.0106	0.00210	
RW - 1	09/12/16	0.120	<0.00100	0.0341	0.0229	
RW - 1	12/01/16	0.200	<0.00200	0.0121	0.0413	<0.00200
RW - 1	02/23/17	0.347	<0.00200	0.0301	0.0137	
RW - 1	05/04/17	0.361	<0.00200	0.0235	0.00262	
RW - 1	08/24/17	<0.00200	<0.00200	<0.00200	<0.00400	
RW - 1	09/01/17	0.210	<0.00100	0.00660	0.0104	
RW - 1	11/29/17	0.160	0.00204	0.00548	0.00249	
RW - 1	02/28/18	0.0449	0.00217	0.0157	0.00846	
RW - 1	05/24/18	0.0452	<0.0100	<0.00500	<0.0200	
RW - 1	08/21/18	0.00878	<0.0100	<0.00500	<0.0200	
RW - 1	12/05/18	0.0180	<0.0100	<0.00500	<0.0200	
RW - 1	02/25/19	0.0514	<0.00100	0.00402	<0.00200	
RW - 1	05/22/19	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 1	08/21/19	0.0266	<0.00100	0.00212	0.00309	
RW - 1	12/10/19	0.0285	<0.00100	0.00578	0.00627	
RW - 1	02/25/20	0.0142	<0.00100	0.00188	<0.00200	
RW - 1	06/03/20	0.00769	<0.00500	<0.00100	<0.00500	
RW - 1	09/22/20	0.00440	0.00154	<0.00100	0.00293	
RW - 1	11/13/20	0.0275	0.00144	<0.00100	<0.00200	
RW - 2	05/15/03	0.8010	<0.001	0.4480	0.068	0.002
RW - 2	11/24/03	0.3020	0.002	0.7240	0.133	0.002
RW - 2	02/18/04	0.1400	<0.001	0.7370	0.132	0.002
RW - 2	05/12/04	0.1700	<0.001	0.3790	0.0748	0.00193
RW - 2	08/25/04	0.1660	<0.001	0.1040	0.0325	0.00319
RW - 2	12/08/04	0.1220	<0.005	0.0665	<0.005	
RW - 2	03/09/05	0.0393	<0.005	0.0190	<0.005	
RW - 2	06/09/05	0.1060	<0.005	0.0523	0.0097	
RW - 2	09/08/05	Not Sampled				
RW - 2	12/01/05	0.0787	<0.001	0.0994	0.007	
RW - 2	03/07/06	<0.001	<0.001	0.0043	0.007	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
RW - 2	06/06/06	<0.005	<0.005	<0.005	<0.005	
RW - 2	09/15/06	0.1620	0.001	0.1500	0.0514	
RW - 2	11/21/06	0.0802	<0.001	0.0790	0.013	
RW - 2	02/23/07	0.0237	<0.001	0.0131	0.0034	
RW - 2	05/18/07	<0.001	<0.001	<0.001	0.004	
RW - 2	08/21/07	0.1620	<0.001	0.0044	0.0157	
RW - 2	11/05/07	<0.001	<0.001	<0.001	<0.001	
RW - 2	02/08/08	0.0204	<0.001	<0.001	<0.001	
RW - 2	05/09/08	0.1640	<0.001	0.0031	0.0026	
RW - 2	08/13/08	<0.001	<0.001	<0.001	<0.001	
RW - 2	11/06/08	0.2640	0.0014	0.0204	0.0187	
RW - 2	02/05/09	0.0472	<0.001	0.0035	<0.001	
RW - 2	05/08/09	0.2600	<0.001	0.0449	0.0424	
RW - 2	08/05/09	0.3680	<0.001	0.0387	0.0291	
RW - 2	11/16/09	0.2740	<0.005	0.0119	<0.005	
RW - 2	02/08/10	0.1180	<0.005	<0.005	<0.005	
RW - 2	05/11/10	0.0560	<0.005	0.0487	0.0572	
RW - 2	08/10/10	0.0753	<0.001	<0.001	<0.001	
RW - 2	11/09/10	0.1200	<0.001	0.0064	0.0105	
RW - 2	02/15/11	0.0225	<0.001	<0.001	<0.001	
RW - 2	05/05/11	0.0206	<0.001	<0.001	<0.001	
RW - 2	08/04/11	0.2330	<0.001	0.0646	0.071	
RW - 2	11/21/11	0.0108	<0.005	<0.005	<0.005	
RW - 2	02/13/12	0.0179	<0.001	<0.001	<0.001	
RW - 2	05/29/12	0.0165	<0.001	0.0143	0.0051	
RW - 2	08/10/12	0.0042	<0.001	<0.001	<0.003	
RW - 2	11/06/12	0.0065	<0.001	0.0050	<0.001	
RW - 2	02/06/13	<0.001	<0.001	<0.001	<0.001	
RW - 2	05/08/13	<0.001	<0.001	<0.001	<0.001	
RW - 2	08/01/13	<0.001	<0.001	<0.001	<0.001	
RW - 2	11/05/13	0.0088	<0.001	<0.001	<0.001	
RW - 2	02/26/14	0.00180	<0.00100	<0.00100	<0.00300	
RW - 2	05/12/14	0.00290	<0.00100	<0.00100	<0.00300	
RW - 2	08/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
RW - 2	11/15/14	0.0290	<0.00100	<0.00100	<0.00100	
RW - 2	02/18/15	0.00120	<0.00100	<0.00100	<0.00100	
RW - 2	05/28/15	<0.00100	<0.00100	<0.00100	<0.00100	
RW - 2	08/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
RW - 2	11/30/15	<0.00100	<0.00100	<0.00100	<0.00100	
RW - 2	02/25/16	<0.00100	<0.00100	<0.00100	<0.00100	
RW - 2	06/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
RW - 2	09/12/16	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

HDO 90-23

LEA COUNTY, NEW MEXICO

NMOCD Reference Number AP-009

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
RW - 2	12/02/16	<0.00200	<0.00200	<0.00200	<0.00200	
RW - 2	02/23/17	<0.00200	<0.00200	<0.00200	<0.00200	
RW - 2	05/04/17	<0.00200	<0.00200	<0.00200	<0.00400	
RW - 2	08/23/17	<0.00200	<0.00200	<0.00200	<0.00400	
RW - 2	11/29/17	<0.00200	<0.00200	<0.00200	<0.00400	
RW - 2	02/28/18	<0.00200	<0.00200	<0.00200	<0.00400	
RW - 2	05/24/18	<0.00100	<0.0100	<0.00500	<0.0200	
RW - 2	08/21/18	<0.00100	<0.0100	<0.00500	<0.0200	
RW - 2	12/05/18	<0.00100	<0.0100	<0.00500	<0.0200	
RW - 2	02/25/19	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 2	05/22/19	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 2	08/21/19	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 2	12/10/19	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 2	02/25/20	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 2	06/03/20	<0.00100	<0.00500	<0.00100	<0.00500	
RW - 2	09/22/20	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 2	11/13/20	<0.00100	<0.00100	<0.00100	<0.00200	

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM HDO-90-23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

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-2	11/06/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0227	<0.000922	0.0729	0.139	0.11	0.0175
MW-2	11/16/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0112	<0.000922	0.0182	<0.000922	0.0480	0.123	0.0744	0.0128
MW-2	11/09/10	Not Sampled due to the presence of PSH.																		
MW-2	12/16/11	Not Sampled due to the presence of PSH.																		
MW-2	11/06/12	Not Sampled due to the presence of PSH.																		
MW-2	11/05/13	Not Sampled due to the presence of PSH.																		
MW-2	11/15/14	Not Sampled due to the presence of PSH.																		
MW-2	11/30/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	6.31	21.7	7.39	0.219
MW-2	12/02/16	0.00120	0.00230	0.00105	<0.000287	<0.000287	0.000394	<0.000287	<0.000287	0.00157	<0.000287	0.000628	<0.000287	<0.000287	<0.000287	0.000670	0.0125			<0.000287
MW-2	11/29/17	Not Sampled																		
MW-2	12/05/18	0.00068	0.00094	0.0026	0.0018	<0.00010	<0.00010	<0.00010	<0.00010	0.00040	<0.00010	0.00070	0.0062	<0.00010	0.044	<0.00010	0.49			0.0061
MW-2	12/10/19	<0.00097	0.013	0.0080	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097	0.015	<0.00097	0.0054	0.068	<0.00097	0.29	0.0053	3.02			0.16
MW-2	11/13/20	Not Sampled due to the presence of PSH.																		
MW-3	11/06/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00202	<0.000183	0.00152	<0.000183	<0.000183	0.0203	<0.000183	0.0032
MW-3	11/16/09	<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	0.000825	<0.000183	<0.000183	<0.000183	<0.000183	0.00209
MW-3	11/09/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	12/16/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.001
MW-3	11/06/12	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	0.00253
MW-3	11/05/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/30/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	12/01/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	12/05/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	12/10/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-4	11/16/09	<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
MW-4	11/09/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/06/12	Not Sampled as part of Quarterly Monitoring Event.																		

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM HDO-90-23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

All water concentrations are reported in mg/L

SAMPLE LOCATION		SAMPLE DATE	EPA SW846-8270C, 3510																	
			Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.			---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---
MW-4	11/05/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	12/18/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-4	11/30/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	12/01/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	12/05/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	12/10/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-5	11/16/09	<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
MW-5	11/09/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/05/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/30/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	12/01/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	12/05/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	12/10/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/06/08	<0.0188	<0.0188	<0.0188	<0.0188	<0.0188	<0.0188	<0.0188	<0.0188	<0.0188	<0.0188	<0.0188	0.072	<0.0188	0.102	<0.0188	0.238	0.532	0.5	0.0833
MW-6	11/16/09	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0083	<0.000917	<0.000917	0.0124	<0.000917	0.0599	0.118	0.0957	0.0102
MW-6	11/09/10	Not Sampled due to the presence of PSH.																		
MW-6	12/16/11	Not Sampled due to the presence of PSH.																		
MW-6	11/06/12	Not Sampled due to the presence of PSH.																		
MW-6	11/05/13	Not Sampled due to the presence of PSH.																		
MW-6	11/15/14	Not Sampled due to the presence of PSH.																		
MW-6	11/30/15	Not Sampled due to the presence of PSH.																		
MW-6	12/01/16	Not Sampled due to the presence of PSH.																		
MW-6	11/29/17	Not Sampled due to the presence of PSH.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM HDO-90-23

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-009

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-6	12/05/18	Not Sampled due to the presence of PSH.																		
MW-6	12/10/19	Not Sampled due to the presence of PSH.																		
MW-6	11/13/20	Not Sampled due to the presence of PSH.																		
MW-8	11/06/08	<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	
MW-8	11/16/09	<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	
MW-8	11/09/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/05/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/30/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	12/01/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	12/05/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	12/10/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/06/08	<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	
MW-9	11/16/09	<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	
MW-9	11/09/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/05/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/30/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/01/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/05/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/10/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/06/08	<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	

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM HDO-90-23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

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-12	11/16/09	<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	
MW-12	11/09/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/05/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/30/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/01/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/05/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/10/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/06/08	<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	
MW-13	11/16/09	<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	
MW-13	11/09/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/05/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/30/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	12/01/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	12/05/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	12/10/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	11/06/08	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	0.000703	<0.000186	<0.000186	0.000874	<0.000186	0.00465	<0.000186	0.00638	0.0141	0.00647	0.00458
MW-14	11/16/09	<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	
MW-14	11/09/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	12/16/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00215	
MW-14	11/06/12	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	0.00221	
MW-14	11/05/13	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM HDO-90-23

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-009

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-14	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	11/30/15	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	12/01/16	Monitor Well Damaged, could not be sampled																			
MW-14	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	12/05/18	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	12/10/19	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	11/06/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000857	<0.000184	<0.000184	0.00194	0.000615	<0.000184		
MW-15	11/16/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000553	<0.000183	0.000870	<0.000183	<0.000183	<0.000183	<0.000183	0.00176		
MW-15	11/09/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	11/06/12	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	11/05/13	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	11/30/15	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	12/01/16	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	12/05/18	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	12/10/19	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	11/06/08	<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		
MW-16	11/16/09	<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		
MW-16	11/09/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	11/06/12	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	11/05/13	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	11/30/15	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	12/01/16	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	12/05/18	Not Sampled as part of Quarterly Monitoring Event.																			

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM HDO-90-23
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-009

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																			
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene			1-Methylnaphthalene	2-Methylnaphthalene
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---	
MW-16	12/10/19	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-17	11/06/08	<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	
MW-17	11/16/09	<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	
MW-17	11/09/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-17	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																			
MW-17	11/06/12	Not Sampled as part of Quarterly Monitoring Event.																			
MW-17	11/05/13	Not Sampled as part of Quarterly Monitoring Event.																			
MW-17	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-17	11/30/15	Not Sampled as part of Quarterly Monitoring Event.																			
MW-17	12/01/16	Not Sampled as part of Quarterly Monitoring Event.																			
MW-17	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																			
MW-17	12/05/18	Not Sampled as part of Quarterly Monitoring Event.																			
MW-17	12/10/19	Not Sampled as part of Quarterly Monitoring Event.																			
MW-17	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																			
RW-1	11/06/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00079	<0.000184	0.000549	<0.000184	0.0187	0.0136	0.0106	0.00117		
RW-1	11/16/09	<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	0.00607	0.00394	0.00125	0.000618		
RW-1	11/09/10	Not Sampled as part of Quarterly Monitoring Event.																			
RW-1	12/16/11	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000419	<0.000183	0.000265	<0.000183	0.000437	0.000184	<0.000183	0.000625		
RW-1	11/06/12	Not Sampled as part of Quarterly Monitoring Event.																			
RW-1	11/05/13	Not Sampled as part of Quarterly Monitoring Event.																			
RW-1	11/15/14	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.0002200	0.00900	0.0268	0.00544	<0.0002200		
RW-1	11/30/15	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.0002200	<0.000200	0.267	0.0903	<0.0002200		
RW-1	12/02/16	<0.0146	<0.0146	<0.0146	<0.0146	<0.0146	<0.0146	<0.0146	<0.0146	<0.0146	<0.0146	<0.0146	<0.0146	<0.0146	<0.0146	<0.0146	1.44		<0.0146		
RW-1	11/29/17	Not Sampled																			
RW-1	12/05/18	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	0.00060	<0.000097	0.00024	<0.000097	0.00269			0.00076		
RW-1	12/10/19	<0.000098	0.00012	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	0.00056	<0.000098	0.00011	<0.000098	0.0123			0.00096		
RW-1	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																			
RW-2	11/06/08	<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	0.000774	<0.000185	<0.000185		
RW-2	11/16/09	<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		
RW-2	11/09/10	Not Sampled as part of Quarterly Monitoring Event.																			

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM HDO-90-23

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-009

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			---
RW-2	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
RW-2	11/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
RW-2	11/05/13	Not Sampled as part of Quarterly Monitoring Event.																		
RW-2	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
RW-2	11/30/15	Not Sampled as part of Quarterly Monitoring Event.																		
RW-2	12/01/16	Not Sampled as part of Quarterly Monitoring Event.																		
RW-2	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																		
RW-2	12/05/18	Not Sampled as part of Quarterly Monitoring Event.																		
RW-2	12/10/19	Not Sampled as part of Quarterly Monitoring Event.																		
RW-2	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		

Appendix A

2020 Laboratory Analytical Reports

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

Curt Stanley
TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland, TX 79705

Project: HDO
Project Number: HDO
Location: None Given
Lab Order Number: 0B27001



NELAP/TCEQ # T104704516-17-8

Report Date: 03/09/20

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: HDO
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
RW2	0B27001-01	Water	02/25/20 12:48	02-27-2020 08:50
MW3	0B27001-02	Water	02/25/20 13:14	02-27-2020 08:50
MW17	0B27001-03	Water	02/25/20 13:43	02-27-2020 08:50
MW15	0B27001-04	Water	02/25/20 14:08	02-27-2020 08:50
MW14	0B27001-05	Water	02/25/20 14:24	02-27-2020 08:50
MW13	0B27001-06	Water	02/25/20 14:57	02-27-2020 08:50
MW12	0B27001-07	Water	02/25/20 15:15	02-27-2020 08:50
RW1	0B27001-08	Water	02/25/20 15:36	02-27-2020 08:50
MW2	0B27001-09	Water	02/25/20 15:51	02-27-2020 08:50

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: HDO
Project Manager: Curt Stanley

Fax: (432) 520-7701

RW2

0B27001-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B
Surrogate: 4-Bromofluorobenzene		96.3 %		80-120	P0B2704	02/27/20	02/27/20	EPA 8021B
Surrogate: 1,4-Difluorobenzene		96.9 %		80-120	P0B2704	02/27/20	02/27/20	EPA 8021B

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: HDO
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW3

0B27001-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.1 %		80-120	P0B2704	02/27/20	02/27/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.3 %		80-120	P0B2704	02/27/20	02/27/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: HDO
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW17

0B27001-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		93.7 %		80-120	P0B2704	02/27/20	02/27/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.4 %		80-120	P0B2704	02/27/20	02/27/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: HDO
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW15

0B27001-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.8 %	80-120		P0B2704	02/27/20	02/27/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.8 %	80-120		P0B2704	02/27/20	02/27/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: HDO
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW14

0B27001-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.2 %		80-120	P0B2704	02/27/20	02/27/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.3 %		80-120	P0B2704	02/27/20	02/27/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: HDO
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW13

0B27001-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B
Surrogate: 4-Bromofluorobenzene		94.9 %	80-120		P0B2704	02/27/20	02/27/20	EPA 8021B
Surrogate: 1,4-Difluorobenzene		98.0 %	80-120		P0B2704	02/27/20	02/27/20	EPA 8021B

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: HDO
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW12

0B27001-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.4 %		80-120	P0B2704	02/27/20	02/27/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.7 %		80-120	P0B2704	02/27/20	02/27/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: HDO
Project Manager: Curt Stanley

Fax: (432) 520-7701

RW1

0B27001-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0142	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Ethylbenzene	0.00188	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		85.5 %	80-120		P0B2704	02/27/20	02/27/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.2 %	80-120		P0B2704	02/27/20	02/27/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Page 10 of 16

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: HDO
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW2

0B27001-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.310	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Toluene	0.0587	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Ethylbenzene	0.0845	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (p/m)	0.201	0.00200	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (o)	0.0512	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		58.9 %		80-120	P0B2704	02/27/20	02/27/20	EPA 8021B	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>		93.1 %		80-120	P0B2704	02/27/20	02/27/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: HDO
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0B2704 - General Preparation (GC)

Blank (P0B2704-BLK1)

Prepared & Analyzed: 02/27/20

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.5	80-120			

LCS (P0B2704-BS1)

Prepared & Analyzed: 02/27/20

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		105	80-120			
Xylene (o)	0.0984	0.00100	"	0.100		98.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

LCS Dup (P0B2704-BS1)

Prepared & Analyzed: 02/27/20

Benzene	0.101	0.00100	mg/L	0.100		101	80-120	3.28	20	
Toluene	0.0985	0.00100	"	0.100		98.5	80-120	1.61	20	
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120	4.77	20	
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120	2.28	20	
Xylene (o)	0.0982	0.00100	"	0.100		98.2	80-120	0.275	20	
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Calibration Blank (P0B2704-CCB1)

Prepared & Analyzed: 02/27/20

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.6	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: HDO
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0B2704 - General Preparation (GC)

Calibration Blank (P0B2704-CCB2)

Prepared & Analyzed: 02/27/20

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.8	80-120			

Calibration Check (P0B2704-CCV1)

Prepared & Analyzed: 02/27/20

Benzene	0.0992	0.00100	mg/L	0.100		99.2	80-120			
Toluene	0.0955	0.00100	"	0.100		95.5	80-120			
Ethylbenzene	0.0968	0.00100	"	0.100		96.8	80-120			
Xylene (p/m)	0.195	0.00200	"	0.200		97.6	80-120			
Xylene (o)	0.0986	0.00100	"	0.100		98.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Calibration Check (P0B2704-CCV2)

Prepared & Analyzed: 02/27/20

Benzene	0.105	0.00100	mg/L	0.100		105	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120			
Xylene (o)	0.0998	0.00100	"	0.100		99.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		98.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

Calibration Check (P0B2704-CCV3)

Prepared & Analyzed: 02/27/20

Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.0964	0.00100	"	0.100		96.4	80-120			
Ethylbenzene	0.0966	0.00100	"	0.100		96.6	80-120			
Xylene (p/m)	0.189	0.00200	"	0.200		94.7	80-120			
Xylene (o)	0.0980	0.00100	"	0.100		98.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		102	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: HDO
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0B2704 - General Preparation (GC)

Matrix Spike (P0B2704-MS1)	Source: 0B25003-01			Prepared & Analyzed: 02/27/20						
Benzene	0.113	0.00100	mg/L	0.100	ND	113	80-120			
Toluene	0.106	0.00100	"	0.100	ND	106	80-120			
Ethylbenzene	0.102	0.00100	"	0.100	ND	102	80-120			
Xylene (p/m)	0.213	0.00200	"	0.200	ND	106	80-120			
Xylene (o)	0.105	0.00100	"	0.100	ND	105	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: HDO
Project Manager: Curt Stanley

Fax: (432) 520-7701

Notes and Definitions

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

ROI Received on Ice

BULK Samples received in Bulk soil containers

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

3/9/2020

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-688-7235

Project Manager:

Carl Stanley

Company Name:

TRE Solutions

Company Address:

10 Dosta Dr

City/State/Zip:

Midland TX 79705

Telephone No:

(432) 530-7720

Fax No:

Sampler Signature:

[Signature]

e-mail:

Project Name:

HDO

Project #:

Project Loc:

PO #:

Report Format:

☐ Standard

☐ TRAP

☐ NPDES

ORDER #: *0627001*

(lab use only)

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW=Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH by TX 1005 8015B 8015M

Chloride

BTEX by 8021B

RUSH TAT (Pre-Schedule) 24, 48, 72 hrs

Standard TAT

Preservation & # of Containers

Matrix

Analyze For:

TCLP:

TOTAL:

Relinquished by:	Date	Time	Received by:	Date	Time
<i>Maury</i>	<i>2-27-20</i>	<i>8:50</i>	<i>[Signature]</i>	<i>2/27/20</i>	<i>8:50</i>
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Special Instructions:

Laboratory Comments:

Sample Containers Intact?

VOGs Free of Headspaces?

Labels on container(s)?

Custody seals on container(s)?

Sample Hand Delivered

by Courier?

Temperature Upon Receipt:

Adjusted:

UPS DHL FedEx Lone Star

2

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

Curt Stanley
TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland, TX 79705

Project: HDO
Project Number: TNM HDO 90-23

Location:

Lab Order Number: 0F05003



NELAP/TCEQ # T104704516-17-8

Report Date: 06/11/20

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW5	0F05003-01	Water	06/02/20 15:20	06-05-2020 08:37
MW4	0F05003-02	Water	06/02/20 15:40	06-05-2020 08:37
MW17	0F05003-03	Water	06/02/20 16:12	06-05-2020 08:37
MW15	0F05003-04	Water	06/03/20 11:10	06-05-2020 08:37
MW14	0F05003-05	Water	06/03/20 11:29	06-05-2020 08:37
MW13	0F05003-06	Water	06/03/20 12:05	06-05-2020 08:37
MW12	0F05003-07	Water	06/03/20 12:22	06-05-2020 08:37
RW2	0F05003-08	Water	06/03/20 12:59	06-05-2020 08:37
MW3	0F05003-09	Water	06/03/20 13:33	06-05-2020 08:37
RW1	0F05003-10	Water	06/03/20 13:57	06-05-2020 08:37

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW5

0F05003-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B
Toluene	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B
Xylene (p/m)	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B
Xylene (o)	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B
Surrogate: 4-Bromofluorobenzene		90.8 %		80-120	P0F0510	06/05/20	06/06/20	EPA 8021B
Surrogate: 1,4-Difluorobenzene		95.5 %		80-120	P0F0510	06/05/20	06/06/20	EPA 8021B

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW4

0F05003-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Xylene (p/m)	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		89.8 %	80-120		P0F0510	06/05/20	06/06/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.8 %	80-120		P0F0510	06/05/20	06/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW17

0F05003-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Xylene (p/m)	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		93.2 %	80-120		P0F0510	06/05/20	06/06/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.7 %	80-120		P0F0510	06/05/20	06/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

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MW15

0F05003-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Xylene (p/m)	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		92.8 %	80-120		P0F0510	06/05/20	06/06/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.0 %	80-120		P0F0510	06/05/20	06/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW14

0F05003-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Xylene (p/m)	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		92.0 %		80-120	P0F0510	06/05/20	06/06/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.7 %		80-120	P0F0510	06/05/20	06/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW13

0F05003-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Xylene (p/m)	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		92.7 %	80-120		P0F0510	06/05/20	06/06/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.5 %	80-120		P0F0510	06/05/20	06/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW12

0F05003-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Xylene (p/m)	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		92.7 %		80-120	P0F0510	06/05/20	06/06/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.5 %		80-120	P0F0510	06/05/20	06/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

RW2

0F05003-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Xylene (p/m)	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		92.6 %	80-120		P0F0510	06/05/20	06/06/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.2 %	80-120		P0F0510	06/05/20	06/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW3

0F05003-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Xylene (p/m)	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		93.0 %		80-120	P0F0510	06/05/20	06/06/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.5 %		80-120	P0F0510	06/05/20	06/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

RW1

0F05003-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00769	0.00100	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Xylene (p/m)	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	1	P0F0510	06/05/20	06/06/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		84.4 %	80-120		P0F0510	06/05/20	06/06/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.4 %	80-120		P0F0510	06/05/20	06/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0F0510 - General Preparation (GC)

Blank (P0F0510-BLK1)

Prepared: 06/05/20 Analyzed: 06/06/20

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00500	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00500	"							
Xylene (o)	ND	0.00500	"							
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.3	80-120			

LCS (P0F0510-BS1)

Prepared: 06/05/20 Analyzed: 06/06/20

Benzene	0.100	0.00100	mg/L	0.100		100	80-120			
Toluene	0.103	0.00500	"	0.100		103	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.236	0.00500	"	0.200		118	80-120			
Xylene (o)	0.115	0.00500	"	0.100		115	80-120			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.6	80-120			

LCS Dup (P0F0510-BS1)

Prepared: 06/05/20 Analyzed: 06/06/20

Benzene	0.101	0.00100	mg/L	0.100		101	80-120	0.904	20	
Toluene	0.106	0.00500	"	0.100		106	80-120	2.58	20	
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120	1.73	20	
Xylene (p/m)	0.237	0.00500	"	0.200		118	80-120	0.131	20	
Xylene (o)	0.116	0.00500	"	0.100		116	80-120	0.648	20	
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		97.0	80-120			

Calibration Blank (P0F0510-CCB1)

Prepared: 06/05/20 Analyzed: 06/06/20

Benzene	0.00		mg/L							
Toluene	0.460		"							
Ethylbenzene	0.390		"							
Xylene (p/m)	1.01		"							
Xylene (o)	0.680		"							
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.4	80-120			

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0F0510 - General Preparation (GC)

Calibration Blank (P0F0510-CCB2)

Prepared: 06/05/20 Analyzed: 06/06/20

Benzene	0.00		mg/L							
Toluene	0.560		"							
Ethylbenzene	0.940		"							
Xylene (p/m)	2.19		"							
Xylene (o)	0.980		"							
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		97.0	80-120			

Calibration Check (P0F0510-CCV1)

Prepared: 06/05/20 Analyzed: 06/06/20

Benzene	0.0976	0.00100	mg/L	0.100		97.6	80-120			
Toluene	0.100	0.00500	"	0.100		100	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.220	0.00500	"	0.200		110	80-120			
Xylene (o)	0.118	0.00500	"	0.100		118	80-120			
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.9	80-120			

Calibration Check (P0F0510-CCV2)

Prepared: 06/05/20 Analyzed: 06/06/20

Benzene	0.108	0.00100	mg/L	0.100		108	80-120			
Toluene	0.108	0.00500	"	0.100		108	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.223	0.00500	"	0.200		112	80-120			
Xylene (o)	0.114	0.00500	"	0.100		114	80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		92.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.2	80-120			

Calibration Check (P0F0510-CCV3)

Prepared: 06/05/20 Analyzed: 06/06/20

Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.108	0.00500	"	0.100		108	80-120			
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120			
Xylene (p/m)	0.222	0.00500	"	0.200		111	80-120			
Xylene (o)	0.115	0.00500	"	0.100		115	80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		92.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Permian Basin Environmental Lab, L.P.

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Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0F0510 - General Preparation (GC)

Matrix Spike (P0F0510-MS1)	Source: 0E13005-04			Prepared: 06/05/20		Analyzed: 06/06/20				
Benzene	0.111	0.00100	mg/L	0.100	ND	111	80-120			
Toluene	0.112	0.00500	"	0.100	ND	112	80-120			
Ethylbenzene	0.110	0.00100	"	0.100	ND	110	80-120			
Xylene (p/m)	0.237	0.00500	"	0.200	ND	119	80-120			
Xylene (o)	0.117	0.00500	"	0.100	ND	117	80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.8	80-120			

Matrix Spike Dup (P0F0510-MSD1)	Source: 0E13005-04			Prepared: 06/05/20		Analyzed: 06/06/20				
Benzene	0.103	0.00100	mg/L	0.100	ND	103	80-120	6.75	20	
Toluene	0.104	0.00500	"	0.100	ND	104	80-120	7.57	20	
Ethylbenzene	0.106	0.00100	"	0.100	ND	106	80-120	3.75	20	
Xylene (p/m)	0.226	0.00500	"	0.200	ND	113	80-120	4.87	20	
Xylene (o)	0.112	0.00500	"	0.100	ND	112	80-120	4.21	20	
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.7	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

Notes and Definitions

ROI Received on Ice
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:



Date:

6/11/2020

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

Curt Stanley
TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland, TX 79705

Project: HDO
Project Number: TNM HDO 90-23

Location:

Lab Order Number: 0F19007



NELAP/TCEQ # T104704516-17-8

Report Date: 06/29/20

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW9	0F19007-01	Water	06/18/20 16:34	06-19-2020 09:35

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW9

0F19007-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Ethylbenzene	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.8 %		80-120	P0F2203	06/22/20	06/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.6 %		80-120	P0F2203	06/22/20	06/23/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0F2203 - General Preparation (GC)

Blank (P0F2203-BLK1)

Prepared: 06/22/20 Analyzed: 06/23/20

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00500	"							
Ethylbenzene	ND	0.00500	"							
Xylene (p/m)	ND	0.00500	"							
Xylene (o)	ND	0.00500	"							
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.0	80-120			

LCS (P0F2203-BS1)

Prepared: 06/22/20 Analyzed: 06/23/20

Benzene	0.0846	0.00100	mg/L	0.100		84.6	80-120			
Toluene	0.0945	0.00500	"	0.100		94.5	80-120			
Ethylbenzene	0.105	0.00500	"	0.100		105	80-120			
Xylene (p/m)	0.215	0.00500	"	0.200		108	80-120			
Xylene (o)	0.111	0.00500	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.7	80-120			

LCS Dup (P0F2203-BSD1)

Prepared: 06/22/20 Analyzed: 06/23/20

Benzene	0.0826	0.00100	mg/L	0.100		82.6	80-120	2.33	20	
Toluene	0.0921	0.00500	"	0.100		92.1	80-120	2.55	20	
Ethylbenzene	0.108	0.00500	"	0.100		108	80-120	3.59	20	
Xylene (p/m)	0.212	0.00500	"	0.200		106	80-120	1.35	20	
Xylene (o)	0.113	0.00500	"	0.100		113	80-120	1.43	20	
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.7	80-120			

Calibration Check (P0F2203-CCV1)

Prepared: 06/22/20 Analyzed: 06/23/20

Benzene	0.0856	0.00100	mg/L	0.100		85.6	80-120			
Toluene	0.0946	0.00500	"	0.100		94.6	80-120			
Ethylbenzene	0.0997	0.00500	"	0.100		99.7	80-120			
Xylene (p/m)	0.209	0.00500	"	0.200		105	80-120			
Xylene (o)	0.111	0.00500	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.1	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0F2203 - General Preparation (GC)

Calibration Check (P0F2203-CCV2)				Prepared: 06/22/20		Analyzed: 06/23/20				
Benzene	0.0868	0.00100	mg/L	0.100		86.8	80-120			
Toluene	0.0952	0.00500	"	0.100		95.2	80-120			
Ethylbenzene	0.103	0.00500	"	0.100		103	80-120			
Xylene (p/m)	0.212	0.00500	"	0.200		106	80-120			
Xylene (o)	0.109	0.00500	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.1	80-120			

Calibration Check (P0F2203-CCV3)				Prepared: 06/22/20		Analyzed: 06/24/20				
Benzene	0.0879	0.00100	mg/L	0.100		87.9	80-120			
Toluene	0.0945	0.00500	"	0.100		94.5	80-120			
Ethylbenzene	0.0994	0.00500	"	0.100		99.4	80-120			
Xylene (p/m)	0.205	0.00500	"	0.200		103	80-120			
Xylene (o)	0.112	0.00500	"	0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

Matrix Spike (P0F2203-MS1)				Source: 0F18006-11		Prepared: 06/22/20		Analyzed: 06/24/20			
Benzene	0.140	0.00100	mg/L	0.100	0.0933	47.0	80-120			QM-07	
Toluene	0.102	0.00500	"	0.100	ND	102	80-120				
Ethylbenzene	0.108	0.00500	"	0.100	ND	108	80-120				
Xylene (p/m)	0.235	0.00500	"	0.200	0.0269	104	80-120				
Xylene (o)	0.115	0.00500	"	0.100	ND	115	80-120				
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.7	80-120				
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120				

Matrix Spike Dup (P0F2203-MSD1)				Source: 0F18006-11		Prepared: 06/22/20		Analyzed: 06/24/20			
Benzene	0.137	0.00100	mg/L	0.100	0.0933	44.0	80-120	6.70	20	QM-07	
Toluene	0.100	0.00500	"	0.100	ND	100	80-120	1.52	20		
Ethylbenzene	0.111	0.00500	"	0.100	ND	111	80-120	3.49	20		
Xylene (p/m)	0.236	0.00500	"	0.200	0.0269	104	80-120	0.216	20		
Xylene (o)	0.116	0.00500	"	0.100	ND	116	80-120	0.425	20		
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.2	80-120				
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.9	80-120				

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

Notes and Definitions

ROI Received on Ice

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

6/29/2020

Brent Barron, Laboratory Director/Technical Director

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Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

PERMA LAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

Phone: 432-688-7235

Project Manager:

Curt Stanley

Project Name:

HDO

Company Name

TRC

Project #:

Company Address:

10 Delta Dr

Project Loc:

City/State/Zip:

Midland TX 79705

PO #:

Telephone No:

(432) 520-7720

Fax No:

Report Format

☐ Standard☐ TRRP☐ NPDES

Sampler Signature:

Mandy

e-mail:

(Lab use only)

ORDER #: 0619001

LAB # (lab use only)

FIELD CODE

MW 9

Beginning Depth

Ending Depth

Date Sampled

6-18

Time Sampled

1634

Field Filtered

Total #. of Containers

5

Ioe

X

HNO₃

X

HCl

X

H₂SO₄

X

NaOH

X

Na₂S₂O₃

X

None

X

Other (Specify)

X

DW=Drinking Water SL=Sludge

X

GW = Groundwater S=Soil/Solid

X

NP=Non-Potable Specify Other

X

TPH: TX 1005 TX 1006

X

Anions (Cl, SO₄, Alkalinity)

X

BTEX 80219/503D or BTEX 8260

X

Preservation & # of Containers

Matrix

Analyze For:

TCLP:

TOTAL:

RUSH TAT (Pre-Schedule) 24, 48, 72 hrs

Standard TAT

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

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Relinquished by:

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**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

Curt Stanley
TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland, TX 79705

Project: HDO
Project Number: TNM HDO 90-23

Location:

Lab Order Number: 0I25016



NELAP/TCEQ # T104704516-17-8

Report Date: 09/30/20

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW17	0I25016-01	Water	09/22/20 10:48	09-25-2020 14:47
MW15	0I25016-02	Water	09/22/20 11:20	09-25-2020 14:47
MW14	0I25016-03	Water	09/22/20 11:46	09-25-2020 14:47
MW13	0I25016-04	Water	09/22/20 12:10	09-25-2020 14:47
MW12	0I25016-05	Water	09/22/20 12:33	09-25-2020 14:47
RW2	0I25016-06	Water	09/22/20 13:05	09-25-2020 14:47
MW3	0I25016-07	Water	09/22/20 13:38	09-25-2020 14:47
RW1	0I25016-08	Water	09/22/20 14:05	09-25-2020 14:47

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW17
0I25016-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0I2807	09/28/20	09/29/20	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P0I2807	09/28/20	09/29/20	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P0I2807	09/28/20	09/29/20	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P0I2807	09/28/20	09/29/20	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P0I2807	09/28/20	09/29/20	EPA 8021B
Surrogate: 4-Bromofluorobenzene		117 %	80-120		P0I2807	09/28/20	09/29/20	EPA 8021B
Surrogate: 1,4-Difluorobenzene		101 %	80-120		P0I2807	09/28/20	09/29/20	EPA 8021B

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW15

0125016-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		119 %	80-120		P012807	09/28/20	09/29/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.8 %	80-120		P012807	09/28/20	09/29/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW14

0125016-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		111 %	80-120		P012807	09/28/20	09/29/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		101 %	80-120		P012807	09/28/20	09/29/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW13

0125016-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		118 %	80-120		P012807	09/28/20	09/29/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		101 %	80-120		P012807	09/28/20	09/29/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW12

0125016-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		121 %	80-120		P012807	09/28/20	09/29/20	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		98.1 %	80-120		P012807	09/28/20	09/29/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

RW2

0125016-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		119 %	80-120		P012807	09/28/20	09/29/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.3 %	80-120		P012807	09/28/20	09/29/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW3

0125016-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B
Surrogate: 4-Bromofluorobenzene		118 %	80-120		P012807	09/28/20	09/29/20	EPA 8021B
Surrogate: 1,4-Difluorobenzene		99.7 %	80-120		P012807	09/28/20	09/29/20	EPA 8021B

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

RW1

0125016-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00440	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Toluene	0.00154	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Xylene (p/m)	0.00293	0.00200	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P012807	09/28/20	09/29/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		120 %	80-120		P012807	09/28/20	09/29/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		93.2 %	80-120		P012807	09/28/20	09/29/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P012807 - General Preparation (GC)

Blank (P012807-BLK1)

Prepared & Analyzed: 09/28/20

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.144		"	0.120		120	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		100	80-120			

LCS (P012807-BS1)

Prepared & Analyzed: 09/28/20

Benzene	0.0933	0.00100	mg/L	0.100		93.3	80-120			
Toluene	0.0931	0.00100	"	0.100		93.1	80-120			
Ethylbenzene	0.0926	0.00100	"	0.100		92.6	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.4	80-120			
Xylene (o)	0.116	0.00100	"	0.100		116	80-120			
Surrogate: 4-Bromofluorobenzene	0.150		"	0.120		125	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.7	80-120			

LCS Dup (P012807-BS1)

Prepared & Analyzed: 09/28/20

Benzene	0.0906	0.00100	mg/L	0.100		90.6	80-120	2.99	20	
Toluene	0.0929	0.00100	"	0.100		92.9	80-120	0.301	20	
Ethylbenzene	0.0900	0.00100	"	0.100		90.0	80-120	2.91	20	
Xylene (p/m)	0.192	0.00200	"	0.200		95.8	80-120	2.65	20	
Xylene (o)	0.113	0.00100	"	0.100		113	80-120	2.34	20	
Surrogate: 4-Bromofluorobenzene	0.147		"	0.120		123	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.5	80-120			

Calibration Check (P012807-CCV1)

Prepared & Analyzed: 09/28/20

Benzene	0.0838	0.00100	mg/L	0.100		83.8	80-120			
Toluene	0.0836	0.00100	"	0.100		83.6	80-120			
Ethylbenzene	0.0930	0.00100	"	0.100		93.0	80-120			
Xylene (p/m)	0.170	0.00200	"	0.200		84.8	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.143		"	0.120		119	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		102	80-120			

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P012807 - General Preparation (GC)

Calibration Check (P012807-CCV2)				Prepared: 09/28/20		Analyzed: 09/29/20				
Benzene	0.0928	0.00100	mg/L	0.100		92.8	80-120			
Toluene	0.0912	0.00100	"	0.100		91.2	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.188	0.00200	"	0.200		93.9	80-120			
Xylene (o)	0.113	0.00100	"	0.100		113	80-120			
Surrogate: 4-Bromofluorobenzene	0.148		"	0.120		124	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.5	80-120			

Calibration Check (P012807-CCV3)				Prepared: 09/28/20		Analyzed: 09/29/20				
Benzene	0.0884	0.00100	mg/L	0.100		88.4	80-120			
Toluene	0.0890	0.00100	"	0.100		89.0	80-120			
Ethylbenzene	0.0974	0.00100	"	0.100		97.4	80-120			
Xylene (p/m)	0.176	0.00200	"	0.200		87.9	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.140		"	0.120		117	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	80-120			

Matrix Spike (P012807-MS1)				Source: 0125015-01		Prepared: 09/28/20		Analyzed: 09/29/20			
Benzene	0.0856	0.00100	mg/L	0.100	ND	85.6	80-120				
Toluene	0.0857	0.00100	"	0.100	ND	85.7	80-120				
Ethylbenzene	0.110	0.00100	"	0.100	ND	110	80-120				
Xylene (p/m)	0.175	0.00200	"	0.200	ND	87.6	80-120				
Xylene (o)	0.103	0.00100	"	0.100	ND	103	80-120				
Surrogate: 4-Bromofluorobenzene	0.144		"	0.120		120	80-120				
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120				

Matrix Spike Dup (P012807-MSD1)				Source: 0125015-01		Prepared: 09/28/20		Analyzed: 09/29/20			
Benzene	0.0848	0.00100	mg/L	0.100	ND	84.8	80-120	0.974	20		
Toluene	0.0861	0.00100	"	0.100	ND	86.1	80-120	0.442	20		
Ethylbenzene	0.108	0.00100	"	0.100	ND	108	80-120	1.59	20		
Xylene (p/m)	0.171	0.00200	"	0.200	ND	85.7	80-120	2.23	20		
Xylene (o)	0.0994	0.00100	"	0.100	ND	99.4	80-120	3.38	20		
Surrogate: 4-Bromofluorobenzene	0.138		"	0.120		115	80-120				
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		103	80-120				

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

Notes and Definitions

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

ROI Received on Ice

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

9/30/2020

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-686-7235

Project Manager:

Curt Stahby

Project Name:

HDO

Company Name

TSC

Project #:

Company Address:

10 Delta Dr

Project Loc:

City/State/Zip:

Midland TX 79705

Telephone No:

432) 520-3720

Fax No:

Report Format:

☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature:

[Signature]

e-mail:

(lab use only)

ORDER #: 0125616

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filled

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Solid/Solid

NP=Non-Polable Specify Other

TPH by TX 1005 8015B 8015M

Chloride

BTX by 8021B

Preservation & # of Containers

Matrix

Analyze For:

TCAP:

TOTAL:

RUSH TAT (Pre-Schedule) 24, 48, 72 hrs

Standard TAT

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on container(s)?

Custody seals on container(s)?

Custody seals on cooler(s)?

Sample Hard Delivered by Sampler/Client Rep?

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: 58 °C Factor

Adjusted: 68 °C Factor

0.9112

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

Curt Stanley
TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland, TX 79705

Project: HDO
Project Number: TNM HDO 90-23

Location:

Lab Order Number: 0K19004



NELAP/TCEQ # T104704516-17-8

Report Date: 12/02/20

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW8	0K19004-01	Water	11/13/20 11:25	11-19-2020 09:00
MW16	0K19004-02	Water	11/13/20 12:08	11-19-2020 09:00
MW9	0K19004-03	Water	11/13/20 12:32	11-19-2020 09:00
MW5	0K19004-04	Water	11/13/20 12:59	11-19-2020 09:00
MW4	0K19004-05	Water	11/13/20 13:16	11-19-2020 09:00
MW17	0K19004-06	Water	11/13/20 13:39	11-19-2020 09:00
MW15	0K19004-07	Water	11/13/20 14:02	11-19-2020 09:00
MW14	0K19004-08	Water	11/13/20 14:18	11-19-2020 09:00
MW13	0K19004-09	Water	11/13/20 14:36	11-19-2020 09:00
MW12	0K19004-10	Water	11/13/20 14:52	11-19-2020 09:00
RW2	0K19004-11	Water	11/13/20 15:08	11-19-2020 09:00
MW3	0K19004-12	Water	11/13/20 15:27	11-19-2020 09:00
RW1	0K19004-13	Water	11/13/20 15:46	11-19-2020 09:00

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW8

0K19004-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P0K2011	11/20/20	11/25/20	EPA 8021B
Surrogate: 1,4-Difluorobenzene		94.8 %	80-120		P0K2011	11/20/20	11/25/20	EPA 8021B

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW16

0K19004-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.4 %		80-120	P0K2011	11/20/20	11/25/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.9 %		80-120	P0K2011	11/20/20	11/25/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW9

0K19004-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		P0K2011	11/20/20	11/25/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.7 %	80-120		P0K2011	11/20/20	11/25/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW5

0K19004-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		92.6 %	80-120		P0K2011	11/20/20	11/25/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.1 %	80-120		P0K2011	11/20/20	11/25/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

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MW4

0K19004-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.1 %		80-120	P0K2011	11/20/20	11/25/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.4 %		80-120	P0K2011	11/20/20	11/25/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW17

0K19004-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		93.6 %		80-120	P0K2011	11/20/20	11/25/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.2 %		80-120	P0K2011	11/20/20	11/25/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW15

0K19004-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.6 %		80-120	P0K2011	11/20/20	11/25/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.7 %		80-120	P0K2011	11/20/20	11/25/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW14

0K19004-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Xylene (o)	0.00127	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		86.5 %	80-120		P0K2011	11/20/20	11/25/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.1 %	80-120		P0K2011	11/20/20	11/25/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW13

0K19004-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		94.6 %	80-120		P0K2011	11/20/20	11/25/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		92.8 %	80-120		P0K2011	11/20/20	11/25/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW12

0K19004-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P0K2011	11/20/20	11/25/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		94.5 %	80-120		P0K2011	11/20/20	11/25/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

RW2

0K19004-11 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2011	11/20/20	11/25/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.3 %		80-120	P0K2011	11/20/20	11/25/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		93.6 %		80-120	P0K2011	11/20/20	11/25/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW3

0K19004-12 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0K2801	11/24/20	11/26/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0K2801	11/24/20	11/26/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0K2801	11/24/20	11/26/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0K2801	11/24/20	11/26/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2801	11/24/20	11/26/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.8 %	80-120		P0K2801	11/24/20	11/26/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.3 %	80-120		P0K2801	11/24/20	11/26/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

RW1

0K19004-13 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0275	0.00100	mg/L	1	P0K2801	11/24/20	11/26/20	EPA 8021B	
Toluene	0.00144	0.00100	mg/L	1	P0K2801	11/24/20	11/26/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0K2801	11/24/20	11/26/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0K2801	11/24/20	11/26/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2801	11/24/20	11/26/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		91.1 %	80-120		P0K2801	11/24/20	11/26/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		85.1 %	80-120		P0K2801	11/24/20	11/26/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0K2011 - * DEFAULT PREP *****

Blank (P0K2011-BLK1)

Prepared: 11/20/20 Analyzed: 11/25/20

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.0980		"	0.120		81.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

LCS (P0K2011-BS1)

Prepared: 11/20/20 Analyzed: 11/25/20

Benzene	0.0898	0.00100	mg/L	0.100		89.8	80-120			
Toluene	0.0976	0.00100	"	0.100		97.6	80-120			
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120			
Xylene (p/m)	0.213	0.00200	"	0.200		106	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	0.103		"	0.120		85.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

LCS Dup (P0K2011-BSD1)

Prepared: 11/20/20 Analyzed: 11/25/20

Benzene	0.0884	0.00100	mg/L	0.100		88.4	80-120	1.67	20	
Toluene	0.0942	0.00100	"	0.100		94.2	80-120	3.50	20	
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120	10.1	20	
Xylene (p/m)	0.201	0.00200	"	0.200		100	80-120	5.88	20	
Xylene (o)	0.103	0.00100	"	0.100		103	80-120	8.14	20	
Surrogate: 4-Bromofluorobenzene	0.0990		"	0.120		82.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Calibration Check (P0K2011-CCV1)

Prepared: 11/20/20 Analyzed: 11/25/20

Benzene	0.0872	0.00100	mg/L	0.100		87.2	80-120			
Toluene	0.0955	0.00100	"	0.100		95.5	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.199	0.00200	"	0.200		99.7	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	0.103		"	0.120		85.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		101	80-120			

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0K2011 - * DEFAULT PREP *****

Calibration Check (P0K2011-CCV2)

Prepared: 11/20/20 Analyzed: 11/25/20

Benzene	0.0890	0.00100	mg/L	0.100		89.0	80-120			
Toluene	0.0919	0.00100	"	0.100		91.9	80-120			
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120			
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.0	80-120			

Matrix Spike (P0K2011-MS1)

Source: 0K19004-01

Prepared: 11/20/20 Analyzed: 11/25/20

Benzene	0.101	0.00100	mg/L	0.100	ND	101	80-120			
Toluene	0.0804	0.00100	"	0.100	ND	80.4	80-120			
Ethylbenzene	0.110	0.00100	"	0.100	ND	110	80-120			
Xylene (p/m)	0.199	0.00200	"	0.200	ND	99.5	80-120			
Xylene (o)	0.106	0.00100	"	0.100	ND	106	80-120			
Surrogate: 4-Bromofluorobenzene	0.107		"	0.120		89.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		88.8	80-120			

Batch P0K2801 - General Preparation (GC)

Blank (P0K2801-BLK1)

Prepared: 11/24/20 Analyzed: 11/26/20

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		92.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

Permian Basin Environmental Lab, L.P.

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10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0K2801 - General Preparation (GC)

LCS (P0K2801-BS1)

Prepared: 11/24/20 Analyzed: 11/26/20

Benzene	0.0842	0.00100	mg/L	0.100		84.2	80-120			
Toluene	0.0915	0.00100	"	0.100		91.5	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200		103	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.9	80-120			

LCS Dup (P0K2801-BS1)

Prepared: 11/24/20 Analyzed: 11/26/20

Benzene	0.0954	0.00100	mg/L	0.100		95.4	80-120	12.4	20	
Toluene	0.0991	0.00100	"	0.100		99.1	80-120	7.90	20	
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120	7.47	20	
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120	2.49	20	
Xylene (o)	0.120	0.00100	"	0.100		120	80-120	8.81	20	
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.3	80-120			

Calibration Check (P0K2801-CCV2)

Prepared: 11/24/20 Analyzed: 11/26/20

Benzene	0.0929	0.00100	mg/L	0.100		92.9	80-120			
Toluene	0.0928	0.00100	"	0.100		92.8	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.219	0.00200	"	0.200		109	80-120			
Xylene (o)	0.120	0.00100	"	0.100		120	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.7	80-120			

Matrix Spike (P0K2801-MS1)

Source: 0K19010-01

Prepared: 11/24/20 Analyzed: 11/26/20

Benzene	0.0846	0.00100	mg/L	0.100	0.00381	80.8	80-120			
Toluene	0.0885	0.00100	"	0.100	0.00132	87.2	80-120			
Ethylbenzene	0.115	0.00100	"	0.100	ND	115	80-120			
Xylene (p/m)	0.189	0.00200	"	0.200	ND	94.4	80-120			
Xylene (o)	0.0995	0.00100	"	0.100	ND	99.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		103	80-120			

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: HDO
Project Number: TNM HDO 90-23
Project Manager: Curt Stanley

Fax: (432) 520-7701

Notes and Definitions

ROI Received on Ice
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:



Date:

12/2/2020

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-686-7235

Project Manager:

Company Name:

Company Address:

City/State/Zip:

Telephone No.:

Sampler Signature:

(lab use only)

ORDER #: 0K19004

Project Name:

Project #:

Project Loc:

PO #:

Report Format:

☒ Standard☐ TRRP☐ NPDES

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers								Matrix	TPH by TX 1005 8015B 8015M	Chloride	BTEX by 8021B	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
								Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)						
1	MM 8			11-13-20	1125			X		X											
2	MM 16				1208																
3	MM 9				1232																
4	MM 5				1259																
5	MM 4				1316																
6	MM 17				1339																
7	MM 15				1402																
8	MM 14				1418																
9	MM 13				1436																
10	MM 12				1452																

Laboratory Comments:

Sample Containers Intact?
VOCs Free of Headspace?

Labels on container(s)
Custody seals on container(s)

Sample Hand Delivered
by Courier? UPS DHL

Temperature Upon Receipt:
°C

Adjusted: °C Factor

ZZZZZZ

ZZZZZZ

ZZZZZZ

ZZZZZZ

ZZZZZZ



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-686-7235

Project Manager:

Company Name:

Company Address:

City/State/Zip:

Telephone No.:

Sampler Signature:

(lab use only)

ORDER #:

Project Name:

Project #:

Project Loc:

PO #:

Report Format:

☒ Standard

☐ TRRP

☐ NPDES

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Solid/Solid

NP=Non-Potable Specify Other

TPH by TX 1005 8015B 8015M

Chloride

BTEX by 8021B

RUSH TAT (Pre-Schedule) 24, 48, 72 hrs

Standard TAT

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers Intact?
VOCs Free of Headspace?

Labels on container(s)
Custody seals on container(s)
Custody seals on cooler(s)

Sample Hand Delivered
by Sampler/Client Rep.?

by Counter? UPS DHL
Temperature Upon Receipt: °C

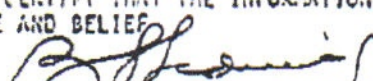
Adjusted: °C Factor

FedEx Lone Star

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

OIL CONSERVATION DIVISION

NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS

NAME OF OPERATOR TEXAS-NEW MEXICO PIPE LINE CO					ADDRESS P. O. Box 2528, Hobbs, N.M. 88240				
REPORT OF	FIRE	BREAK	SPILL	LEAK	CLOWOUT	OTHER*			
				X					
TYPE OF FACILITY	DRUG WELL	PROD WELL	TANK	PIPE	GAS PLANT	OIL	OTHER*		
			DTY	LINE X		RFY			
NAME OF FACILITY 14" Trunk Line									
LOCATION OF FACILITY (QUARTER/QUARTER SECTION OR FOOTAGE DESCRIPTION)					SEC.	TWP.	RGE.	COUNTY	
NW/4 NE/4					6	21	37	Lea	
DISTANCE AND DIRECTION FROM NEAREST TOWN OR PROMINENT LANDMARK					6 Mi. NNW of Eunice & 3 Mi. N.W. of Loop 18				
DATE AND HOUR OF OCCURRENCE					DATE AND HOUR OF DISCOVERY				
Unknown					3/27/90 2:15 P.M.				
WAS IMMEDIATE NOTICE GIVEN?	YES	NO	NOT REQUIRED		IF YES, NMOCC - B. Pritchard TO WHOM SCC - D. Trujillo				
	X								
BY WHOM NMOCC - M. Criswell					DATE 3/27/90: NMOCC - 3:35 P.M.				
SCC - C. Johnson					AND HOUR 3/28/90: SCC - 9:05 a.m.				
TYPE OF FLUID LOST Sour Crude					QUANTITY OF LOSS		VOLUME RECOVERED		
					750 BBLs		550 BBLs		
DID ANY FLUIDS REACH A WATERCOURSE?		YES	NO	QUANTITY					
			X						
IF YES, DESCRIBE FULLY**									
DESCRIBE CAUSE OF PROBLEM AND REMEDIAL ACTION TAKEN**									
External Corrosion									
Line clamped off									
DESCRIBE AREA AFFECTED AND CLEANUP ACTION TAKEN**									
45,000 sq ft pasture land; 40,000 sq ft equipment damage.									
Cattle in the area									
Oil soaked earth covered with fresh soil in prospects of full restoration									
DESCRIPTION OF AREA		FARMING	GRAZING	URBAN	OTHER*				
			X						
SURFACE CONDITIONS		SANDY	SANDY LOAM	CLAY	ROCKY	WET	DRY	SNOW	
			X			X			
DESCRIBE GENERAL CONDITIONS PREVAILING (TEMPERATURE, PRECIPITATION, ETC.)**									
55°									
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF									
 SIGNED B.L. Lebecky TITLE Dist. Manager DATE 3/28/90									

***SPECIFY**

**ATTACH ADDITIONAL SHEETS IF NECESSARY

HDO 90-23

cc: Hazardous Waste Section
N.M. Environmental Improvement Div.

90-C63530

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 23260

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay St, Ste 1600 Houston, TX 77002	OGRID:
	34053
	Action Number: 23260
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2020 ANNUAL GROUNDWATER MONITORING REPORT: Content satisfactory Contractor anticipated actions approved by OCD and are as follows; 1. Schedule modifications with various monitor wells 2. Continue quarterly groundwater monitoring, sampling and manual quarterly PSH recovery 3. Submit the Annual Monitoring Report to the OCD no later than March 31, 2022 4. Please inform OCD if or when approval from the landowner is granted and the Request for Drilling Permit has been obtained from the New Mexico Office of the State Engineer, arrangements have been made to complete the advancement of a soil boring and installation of a monitor well.	1/12/2022