Review of 2021 ANNUAL GROUNDWATER MONITORING REPORT:
Content satisfactory

Contractor anticipated actions approved by NMOCD and are as follows;

1. Continue quarterly groundwater monitoring sampling and manual quarterly PSH recovery in 2022
2. Continue quarterly groundwater monitoring, sampling and manual quarterly PSH recovery
3. Continue PAH analysis fromMW-2, and MW-6
4. Conduct low-flow sampling of MNA parameters on MW-9, MW-6, MW-2, MW-3, MW-17, and RW-2 during each quarterly sampling event
5. Complete one (1) soil boring in the vicinity of monitor well MW-2 to a depth of at least forty (40) feet bgs
6. Install one (1) additional monitor well north of monitor well MW-2
7. Resolve landowner issues for the installation of the soil boring advancement and monitor well installation as soon as practicable. Afterward notify NMOCD when approval from the landowner and the Request for Drilling Permit has been obtained from the New Mexico Office of the State Engineer
8. An Annual Monitoring Report will be submitted to the NMOCD by April 1, 2023.

REVIEWED
By Nelson Velez at 2:21 pm, Aug 03, 2022

TRC

2021
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

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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 2021 only. However, historical data tables and the 2021 laboratory analytical reports are provided on the enclosed data disk. A Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2021 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, with the exception of the 4th quarter, due to monitored natural attenuation (MNA) sampling activities.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The site is located in the NE ¼ of the NW ¼ 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 A.

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 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 wells MW-2 and MW-6 during all four (4) sampling events of 2021. A maximum PSH thickness of 3.07 feet was recorded in monitor well MW-6 on October 21, 2021 and is shown on Table 1. The average thickness of PSH in monitor wells MW-2 and MW-6 during 2021 was 1.40 feet.

Approximately 15.4 gallons (0.37 barrels) of PSH were recovered manually from the site during the 2021 reporting period. Approximately 1,704.65 gallons (40.59 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. In 2021, the sampling schedule was modified, and the sampling modification was approved by the NMOCD in an email dated January 12, 2022.

NMOCD Approved Sampling Schedule prior to 2021 Modification					
Location	Sampling Schedule	Location	Sampling Schedule	Location	Sampling Schedule
MW-1	Plugged and Abandoned	MW-8	Annually	MW-15	Quarterly
MW-2	Quarterly	MW-9	Semi-Annually	MW-16	Annually
MW-3	Quarterly	MW-10	Plugged and Abandoned	MW-17	Quarterly
MW-4	Semi-Annually	MW-11	Plugged and Abandoned	RW-1	Quarterly
MW-5	Semi-Annually	MW-12	Quarterly	RW-2	Quarterly
MW-6	Quarterly	MW-13	Quarterly		
MW-7	Plugged and Abandoned	MW-14	Quarterly		

NMOCD Approved Sampling Schedule subsequent to 2021 Modification					
Location	Sampling Schedule	Location	Sampling Schedule	Location	Sampling Schedule
MW-1	Plugged and Abandoned	MW-8	Annually	MW-15	Annually
MW-2	Quarterly	MW-9	Annually	MW-16	Annually
MW-3	Quarterly	MW-10	Plugged and Abandoned	MW-17	Annually
MW-4	Annually	MW-11	Plugged and Abandoned	RW-1	Quarterly
MW-5	Annually	MW-12	Annually	RW-2	Quarterly
MW-6	Quarterly	MW-13	Annually		
MW-7	Plugged and Abandoned	MW-14	Annually		

The site monitor wells were gauged and sampled on March 25-26, May 13-14, September 7-8, and December 8, 12-13, and 21, 2021. Please note, the initial 4th quarter sampling event commenced on December 8, 2021, and all monitor and recovery wells were gauged in preparation for sampling or monitoring activities. Monitor wells not associated with the Monitored Natural Attenuation (MNA) sampling event were sampled and submitted to the laboratory for analysis on December 8, 2021. Due to equipment issues, monitor and recovery wells associated with the MNA sampling event were regauged and sampled on December 13, 2021. The Inferred Groundwater Gradient Map (Figure 2D) depicts data derived from the December 8, 2021 gauging activities.

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 2021 is provided as Table 1. Historical groundwater elevation data beginning at project inception is provided on the enclosed the data disk.

Please note, during the 4th quarter of the reporting period, monitor wells MW-2, MW-3, MW-6, MW-9, MW-17, and recovery well RW-2 were sampled using industry standard low-flow sampling techniques. A water quality meter was utilized to monitor the flow of groundwater for pH, temperature (°C), conductivity, Oxygen Reduction Potential (ORP), Dissolved Oxygen (DO), and Turbidity. The above parameters were monitored until three (3) of the six (6) parameters stabilized to within a ten percent (10%) "window", at which time groundwater samples were collected. The five (5) monitor wells (MW-2, MW-3, MW-6, MW-9, MW-17), and one (1) recovery well (RW-2) were sampled for concentrations of BTEX using Method EPA 8021B, Total Organic Carbon (TOC) using Method EPA 415.1, Dissolved Methane Gas using RSK-175, Dissolved Ethane Gas using RSK-175, Dissolved Ethene Gas using RSK-175, Dissolved Iron (filtered) using Method EPA

6010B, Dissolved Manganese (filtered) using Method EPA 6010B, Anion Nitrate and Sulfate by Method EPA 300.0, and Chemical Oxygen Demand (COD) by 8000.

The most recent Inferred Groundwater Gradient Map, Figure 2D, indicated a general gradient of 0.0005 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 an inferred groundwater gradient ranging from of 0.0005 to 0.0006 feet/foot. The corrected groundwater elevation ranged between 3,416.92 and 3,419.13 feet above mean sea level, in monitor well MW-9 on December 8, 2021, and monitor well MW-9 on May 14, 2021, respectively.

LABORATORY RESULTS

Groundwater samples collected during all four (4) quarters of 2021 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 2021 calendar year on monitor well MW-2 and MW-6. Based on historical PAH analytical data, only those wells exhibiting elevated constituent concentrations above New Mexico Water Quality Control Commission (NMWQCC) standards were sampled, with the exclusion of those wells containing measurable PSH thicknesses. A listing of BTEX constituent concentrations for 2021 are summarized in Table 2 and historical concentrations of BTEX in groundwater are summarized in Table 5. The 2021 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 2021 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 monitored on a quarterly schedule. Monitor well MW-2 was not sampled during the 1st, 2nd, and 3rd quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.06 feet, 0.05 feet, 0.08 feet, and 0.03 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2021, respectively.

Monitor well MW-2 was selected as an MNA parameter well and is located in the "Center of Plume" location. PSH thicknesses were removed prior to the collection of groundwater samples during the 4th quarter of the reporting period and groundwater samples were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-2 stabilized at a pH of 7.05, a temperature of 22.69°C, Conductivity of 1.76 mhos/cm, ORP of -224 mV, DO of 0.21 mg/L, and turbidity of 298 NTU.

The analytical results indicated the benzene concentration was 0.00398 mg/L during the 4th quarter of 2021. The benzene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period. The toluene concentration was 0.00359 mg/L during the 4th quarter of 2021. The toluene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period. The ethylbenzene concentration was 0.00175 mg/L during the 4th quarter of 2021. The ethylbenzene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period. The xylene concentration was 0.00410 mg/L during the 4th quarter of 2021. The xylene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for naphthalene (0.085 mg/L).

Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-2. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-2. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-2. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-2. Please reference Tables 7 through 10 for benzene, toluene, ethylbenzene, and xylene Constituent Trend Analysis, respectively. Analytical results of MNA constituent samples will be summarized in the Monitored Natural Attenuation Results Summary Section of this Report.

Please note, due to the limitations of the GSI Mann-Kendall Toolkit, constituents exhibiting concentrations less than the laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the applicable laboratory RL.

Monitor well MW-3 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from less than the RL during the 1st, 2nd, and 3rd quarters to 0.00150 mg/L during the 4th quarter of 2021. Benzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene and xylene concentrations were less than the applicable laboratory RL and 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 3rd and 4th quarters to 0.0214 mg/L during the 2nd quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 4th quarter of 2005. PAH analysis was not required during the 4th quarter sampling event.

Please note, monitor well MW-3 was selected as MNA parameter well and is located "downgradient within the plume" location. Groundwater samples collected during the 4th quarter were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-3 stabilized at a pH of 6.77, a temperature of 22.83°C, Conductivity of 1.65 mhos/cm, ORP of -34 mV, DO of 0.00 mg/L, and turbidity of 257 NTU. Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Decreasing" in monitor well MW-3. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-3. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-3. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Increasing" in monitor well MW-3. Please reference Tables 7 through 10 for benzene, toluene, ethylbenzene, and xylene Constituent Trend Analysis, respectively. Analytical results of MNA constituent samples will be summarized in the Monitored Natural Attenuation Results Summary Section of this Report.

Please note, due to the limitations of the GSI Mann-Kendall Toolkit, constituents exhibiting concentrations less than the laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the applicable laboratory RL.

Monitor well MW-4 was previously sampled on a semi-annual schedule and is currently sampled on an annual schedule. The analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during the 2nd quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 3rd quarter of 2005. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-5 was previously sampled on a semi-annual schedule and is currently sampled on an annual schedule. The analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during the 2nd quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below 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, and 3rd quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 2.78 feet, 2.56 feet, 2.82 feet, and 2.27 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2021, respectively.

Monitor well MW-6 was selected as an MNA parameter well and is located in the "Upgradient within the Plume" location. PSH thicknesses were removed prior to the collection of groundwater samples during the 4th quarter of the reporting period and groundwater samples were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-6 stabilized at a pH of 7.03, a temperature of 21.93°C, Conductivity of 0.682 mhos/cm, ORP of -41 mV, DO of 2.53 mg/L, and turbidity of 29.9 NTU.

The analytical results indicated the benzene concentration was 0.138 mg/L during the 4th quarter of 2021. The benzene concentration was above the NMOCD regulatory guideline during the 4th quarter of the reporting period. The toluene concentration was 0.00297 mg/L during the 4th quarter of 2021. The toluene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period. The ethylbenzene concentration was 0.223 mg/L during the 4th quarter of 2021. The ethylbenzene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period. The xylene concentration was 0.19839 mg/L during the 4th quarter of 2021. The ethylbenzene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for Phenanthrene (0.0011 mg/L).

Analytical benzene, toluene, ethylbenzene, and xylene data for the previous ten (10) years was entered into the GSI-MKT and due to the limited data set (one sample), no results were available. Please reference Tables 7 through 10 for benzene, toluene, ethylbenzene, and xylene Constituent

Trend Analysis, respectively. Analytical results of MNA constituent samples will be summarized in the Monitored Natural Attenuation Results Summary Section of this Report.

Please note, due to the limitations of the GSI Mann-Kendall Toolkit, constituents exhibiting concentrations less than the laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the applicable laboratory RL.

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

Monitor well MW-9 was previously sampled on a semi-annual schedule and is currently sampled on an annual schedule. Monitor well MW-9 was selected as a MNA parameter well and was sampled "off schedule" during the 4th quarter as a result. The analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during the 2nd and 4th quarters of 2021. The analytical results indicated BTEX constituent concentrations have been below 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 selected as MNA parameter well and is located in the "up-gradient of plume" location. Groundwater samples collected during the 4th quarter were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-9 stabilized at a pH of 7.32, a temperature of 20.59°C, Conductivity of 0.693 mhos/cm, ORP of 90 mV, DO of 1.08 mg/L, and turbidity which was over range. Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-9. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-9. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-9. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Increasing" in monitor well MW-9. Please reference Tables 7 through 10 for benzene, toluene, ethylbenzene, and xylene Constituent Trend Analysis, respectively. Analytical results of MNA constituent samples will be summarized in the Monitored Natural Attenuation Results Summary Section of this Report.

Please note, due to the limitations of the GSI Mann-Kendall Toolkit, constituents exhibiting concentrations less than the laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the applicable laboratory RL.

Monitor well MW-12 was previously sampled on a quarterly schedule and will be sampled on an annual schedule. The analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during the 1st and 2nd quarters of 2021. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 1st quarter of 2003. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-13 was previously sampled on a quarterly schedule and will be sampled on an annual schedule. The analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during the 1st and 2nd quarters of 2021. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since 2nd quarter of 2005. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-14 was previously sampled on a quarterly schedule and will be sampled on an annual schedule. The analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during the 1st and 2nd quarters of 2021. BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 4th quarter of 2007. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-15 was previously sampled on a quarterly schedule and will be sampled on an annual schedule. The analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during the 1st and 2nd quarters of 2021. The analytical results indicated BTEX constituent concentrations have been below 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 NMOCD regulatory guidelines during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 4th quarter of 2004. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-17 was previously sampled on a quarterly schedule and is currently sampled on an annual schedule. Monitor well MW-17 was selected as a MNA parameter well and was sampled "off schedule" during the 4th quarter as a result. The analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during the 1st, 2nd and 4th quarters of 2021. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 4th quarter of 2004. PAH analysis was not required during the 4th quarter sampling event.

Please note, monitor well MW-17 was selected as MNA parameter well and is located in the "down-gradient of plume" location. Groundwater samples collected during the 4th quarter were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-17 stabilized at a pH of 7.29, a temperature of 19.14°C, Conductivity of 0.859 mhos/cm, ORP of 86 mV, DO of 3.95 mg/L, and turbidity of 184 NTU. Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-17. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Probably Increasing" in monitor well MW-17. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-17. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Increasing" in monitor well MW-17. Please reference Tables 7 through 10 for benzene, toluene, ethylbenzene, and xylene Constituent Trend Analysis,

respectively. Analytical results of MNA constituent samples will be summarized in the Monitored Natural Attenuation Results Summary Section of this Report.

Please note, due to the limitations of the GSI Mann-Kendall Toolkit, constituents exhibiting concentrations less than the laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the applicable laboratory RL.

Recovery well RW-1 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0458 mg/L during the 4th quarter to 0.0732 mg/L during the 2nd quarter of 2021. Benzene concentrations were above NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 2nd and 4th quarters to 0.00264 mg/L during the 3rd quarter of 2021. Toluene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00317 mg/L during the 2nd quarter to 0.00586 mg/L during the 4th quarter of 2021. Ethylbenzene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.00750 mg/L during the 1st quarter of 2021. Xylene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event. Please note, recovery well RW-1 was inadvertently omitted during the 4th quarter sampling event and was sampled on December 21, 2021.

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 NMOCD regulatory guidelines during all four (4) quarters of 2021. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 1st quarter of 2015. PAH analysis was not required during the 4th quarter sampling event.

Please note, recovery well RW-2 was selected as MNA parameter well and is located in the "cross-gradient of the plume" location. Groundwater samples collected during the 4th quarter were obtained using low-flow sampling techniques. The water quality parameters for recovery well RW-2 stabilized at a pH of 7.29, a temperature of 19.14°C, Conductivity of 0.859 mhos/cm, ORP of 86 mV, DO of 3.95 mg/L, and turbidity of 184 NTU. Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Decreasing" in recovery well RW-2. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in recovery well RW-2. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in recovery well RW-2. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Increasing" in recovery well RW-2. Please reference Tables 7 through 10 for benzene, toluene, ethylbenzene, and xylene Constituent Trend Analysis, respectively. Analytical results of MNA constituent samples will be summarized in the Monitored Natural Attenuation Results Summary Section of this Report.

Please note, due to the limitations of the GSI Mann-Kendall Toolkit, constituents exhibiting concentrations less than the laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the applicable laboratory RL.

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

MONITORED NATURAL ATTENUATION RESULTS SUMMARY

Historically, the New Mexico Administrative Code (NMAC) 20.5.13 has defined Monitored Natural Attenuation as "a methodology for remediation that relies upon a variety of naturally occurring chemical, physical, and biological processes to achieve target concentrations in a manner that is equally as protective of public health, safety, and welfare, and the environment as other methods and is accompanied by a program of monitoring to document the process and results of the above mentioned processes."

Following a release, bacteria and archaea begin to degrade petroleum plumes by oxidizing hydrocarbons. In order for this biodegradation to occur, reducers such as oxygen, nitrate, manganese^{2+}, iron^{3+}, sulfate, and carbon dioxide must be present. These reactions, termed oxidation-reduction, or "REDOX" reactions, provide bacteria and archaea varying amounts of energy.

The microbial population will utilize the most energetically favorable reaction available and subsequently move to less favorable reactions as electron acceptors are consumed. This process is generally termed the "REDOX Ladder", which is depicted in the figure below.

Common Hydrocarbon REDOX Reactions in Groundwater

Reaction	Process	Energy
Aerobic Oxidation	$CH_2O + O_2 \rightarrow CO_2 + H_2O$	-120 Kcal/mol
Denitrification	$5CH_2O + 3NO_3 + 4H^+ \rightarrow CO_2 + 7H_2O + 2N_2$	-114 Kcal/mol
Manganese Reduction	$CH_2O + 2MnO_2 + 4H^+ \rightarrow CO_2 + 3H_2O + 2Mn^{2+}$	-81 Kcal/mol
Iron Reduction	$CH_2O + 4Fe(OH)_3 + 8H^+ \rightarrow CO_2 + 11H_2O + 4Fe^{2+}$	-28 Kcal/mol
Sulfate Reduction	$2CH_2O + SO_4^{2-} + H^+ \rightarrow 2CO_2 + 2H_2O + HS^-$	-25 Kcal/mol
Methanogenesis	$2CH_2O \rightarrow CH_3COOH \rightarrow CH_4 + CO_2$	-22 Kcal/mol

The most energetically favorable electron acceptors tend to get consumed first and plumes tend to be limited in them toward the plume center while having excess of the other electron acceptors toward the periphery. For this reason, the groundwater geochemistry of hydrocarbon plumes tends to be characterized by concentric three-dimensional regions each dominated by one of the reactions listed above. The largest source of electron donors is typically light non-aqueous phase liquids

(LNAPLs); therefore, the center of the concentric regions tends to be at the location of LNAPL. Please note, LNAPL and PSH are used interchangeably in this report.

The lateral and vertical location as well as the morphology of each region can be determined using the concentration of the electron acceptors, electron donors, and the field-measured parameters such as oxidation-reduction potential (ORP), pH, and dissolved oxygen (DO).

Dissolved-phase hydrocarbon plumes begin to spread out within the subsurface along the direction of groundwater flow (controlled by advection), perpendicular to groundwater flow (controlled by diffusion), and vertically (controlled by infiltration and advection) following the release. LNAPL, when present, tends to be smeared within the soil vertically and along the direction of groundwater flow, however due to higher viscosity, will travel more slowly than groundwater. For these reasons, the plume shape, COC concentrations, and biogeochemistry change with time.

To determine the morphology of each biodegradation region, five (5) monitor wells and one (1) recovery well were sampled. These wells generally included one (1) well upgradient of the plume (MW-9), one (1) well upgradient within the plume (MW-6), one (1) well near the center of the plume (MW-2), one (1) well downgradient within the plume (MW-3), one (1) well downgradient of the plume (MW-17), and one (1) well cross-gradient of the plume center (RW-2).

The five (5) monitor wells (MW-9, MW-6, MW-2, MW-3, and MW-17) and recovery well (RW-2) were sampled for concentrations of BTEX using Method EPA 8021B, Total Organic Carbon (TOC) using Method EPA 415.1, Dissolved Methane Gas using RSK-175, Dissolved Ethane Gas using RSK-175, Dissolved Ethene Gas using RSK-175, Dissolved Iron (filtered) using Method EPA 6010B, Dissolved Manganese (filtered) using Method EPA 6010B, Anion Nitrate and Sulfate by Method EPA 300.0, and Chemical Oxygen Demand (COD) by 8000.

Please note, due to the limitations of the GSI Mann-Kendall Toolkit, constituents exhibiting concentrations less than the laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the applicable laboratory RL.

The analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor wells MW-9, and MW-17, and recovery well RW-2 to 0.138 mg/L for monitor well MW-6. Please reference Table 7 for GSI-MKT benzene results.

The analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-9, MW-3, MW-17, and recovery well RW-2 to 0.00359 mg/L for monitor well MW-2. Please reference Table 8 for GSI-MKT toluene results.

The analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-9, MW-3, and MW-17 and recovery well RW-2 to 0.223 mg/L for monitor well MW-6. Please reference Table 9 for GSI-MKT ethylbenzene results.

The analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-9, MW-3, and MW-17, and recovery well RW-2 to 0.19839 mg/L for monitor well MW-6. Please reference Table 10 for GSI-MKT xylene results.

The analytical results for concentrations of TOC ranged from 1.03 mg/L for monitor well MW-17 to 31.1 mg/L for monitor well MW-2. Please reference Table 11 for GSI-MKT TOC results.

The analytical results for concentrations of Dissolved Methane ranged from 0.00144 mg/L for recovery well RW-2 to 2.18 mg/L for monitor well MW-2. Please reference Table 12 for GSI-MKT Dissolved Methane results.

The analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-9, MW-6, MW-17, and recovery well RW-2 to 0.00698 mg/L for monitor well MW-2. Please reference Table 13 for GSI-MKT Dissolved Ethane results.

The analytical results for concentrations of Dissolved Ethene ranged from less than the applicable laboratory RL for monitor wells MW-9 and MW-17 to 0.145 mg/L for monitor well MW-2. Please reference Table 14 for GSI-MKT Dissolved Ethene results.

The analytical results for concentrations of Dissolved Iron (filtered) ranged from 0.0374 mg/L for monitor well MW-6 to 2.19 mg/L for recovery well RW-2. Please reference Table 15 for GSI-MKT Dissolved Iron (filtered) results.

The analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.00700 mg/L for monitor well MW-6 to 0.181 mg/L for monitor well MW-3 and recovery well RW-2. Please reference Table 16 for GSI-MKT Dissolved Manganese (filtered) results.

The analytical results for concentrations of Nitrate ranged from less than applicable laboratory RL for monitor wells MW-9, MW-2, MW-3, and recovery well RW-2 to 1.09 mg/L for monitor well MW-17. Please reference Table 17 for GSI-MKT Nitrate results.

The analytical results for concentrations of Sulfate ranged from 54.2 mg/L for monitor well MW-2 to 355 mg/L for monitor well MW-17. Please reference Table 18 for GSI-MKT Sulfate results.

The analytical results for concentrations of COD ranged from less than applicable laboratory RL for monitor wells MW-9, MW-6, MW-17, and recovery well RW-2 to 78.0 mg/L for monitor well MW-2. Please reference Table 19 for GSI-MKT COD results.

SUMMARY

This report presents the results of monitoring activities for the annual monitoring period of 2021. 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 0.0005 feet/foot to the southeast.

A measurable thickness of PSH was detected in monitor wells MW-2 and MW-6 during all four (4) sampling events of 2021. A maximum PSH thickness of 3.07 feet was recorded in monitor well MW-6 on October 21, 2021 and is shown on Table 1. The average thickness of PSH in monitor wells MW-2 and MW-6 during 2021 was 1.40 feet.

Approximately 15.4 gallons (0.37 barrels) of PSH were recovered manually from the site during the 2021 reporting period. Approximately 1,704.65 gallons (40.59 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 2021 monitoring period indicated BTEX constituent concentrations are below NMOCD regulatory guidelines in thirteen (13) of the fifteen (15) monitor and recovery wells.

ANTICIPATED ACTIONS

Quarterly groundwater monitoring, sampling and manual quarterly PSH recovery will continue in 2022. An Annual Monitoring Report will be submitted to the NMOCD by April 1, 2023.

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.

Low-flow sampling of MNA parameters will be conducted on monitor wells MW-9, MW-6, MW-2, MW-3, MW-17, and recovery well RW-2 during each quarterly sampling event. Unforeseen circumstances may require modification of this sampling event.

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.

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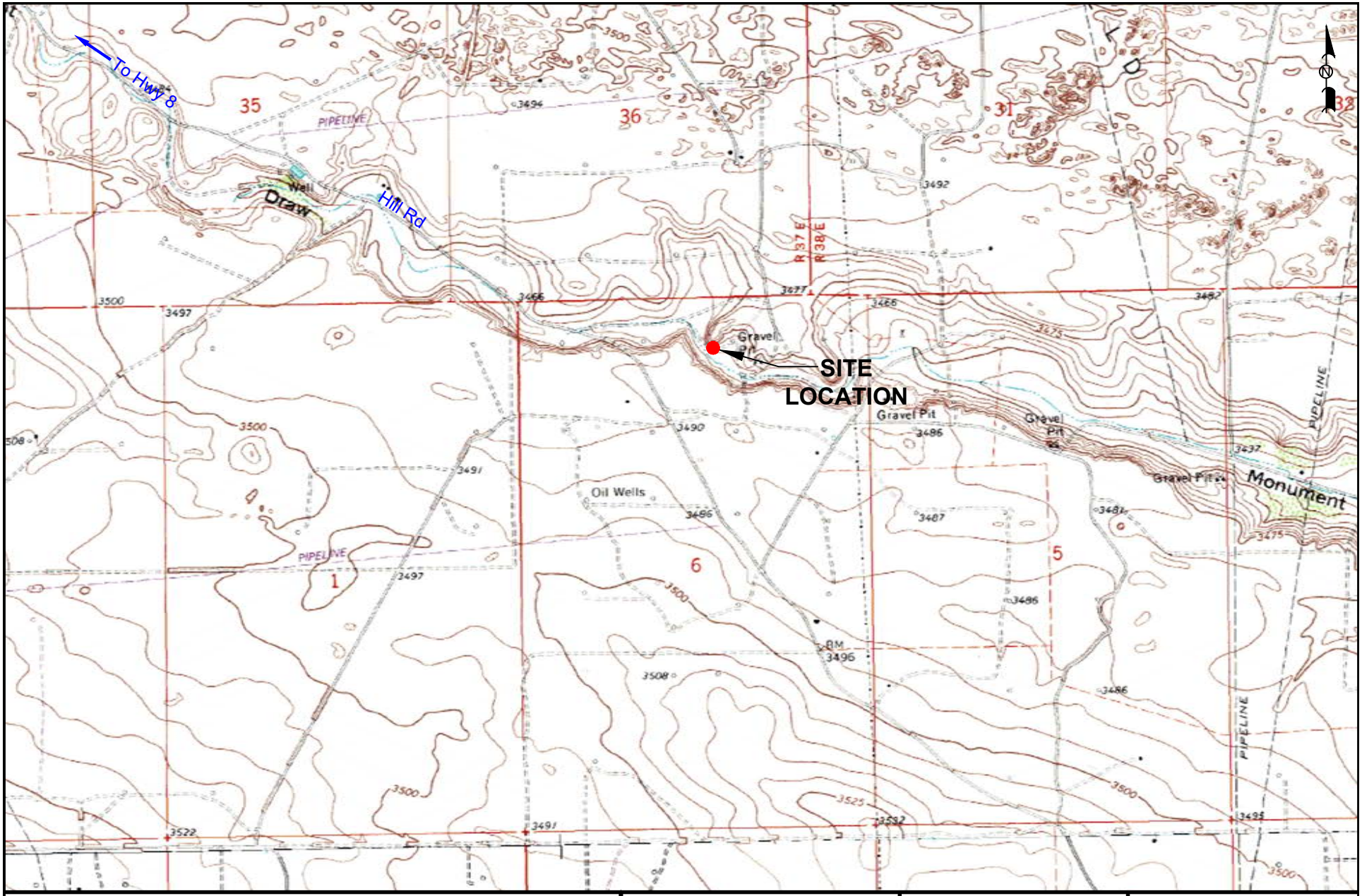
FIGURES



LEGEND:

2000 1000 0 1000 2000

Distance in Feet

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: October 20, 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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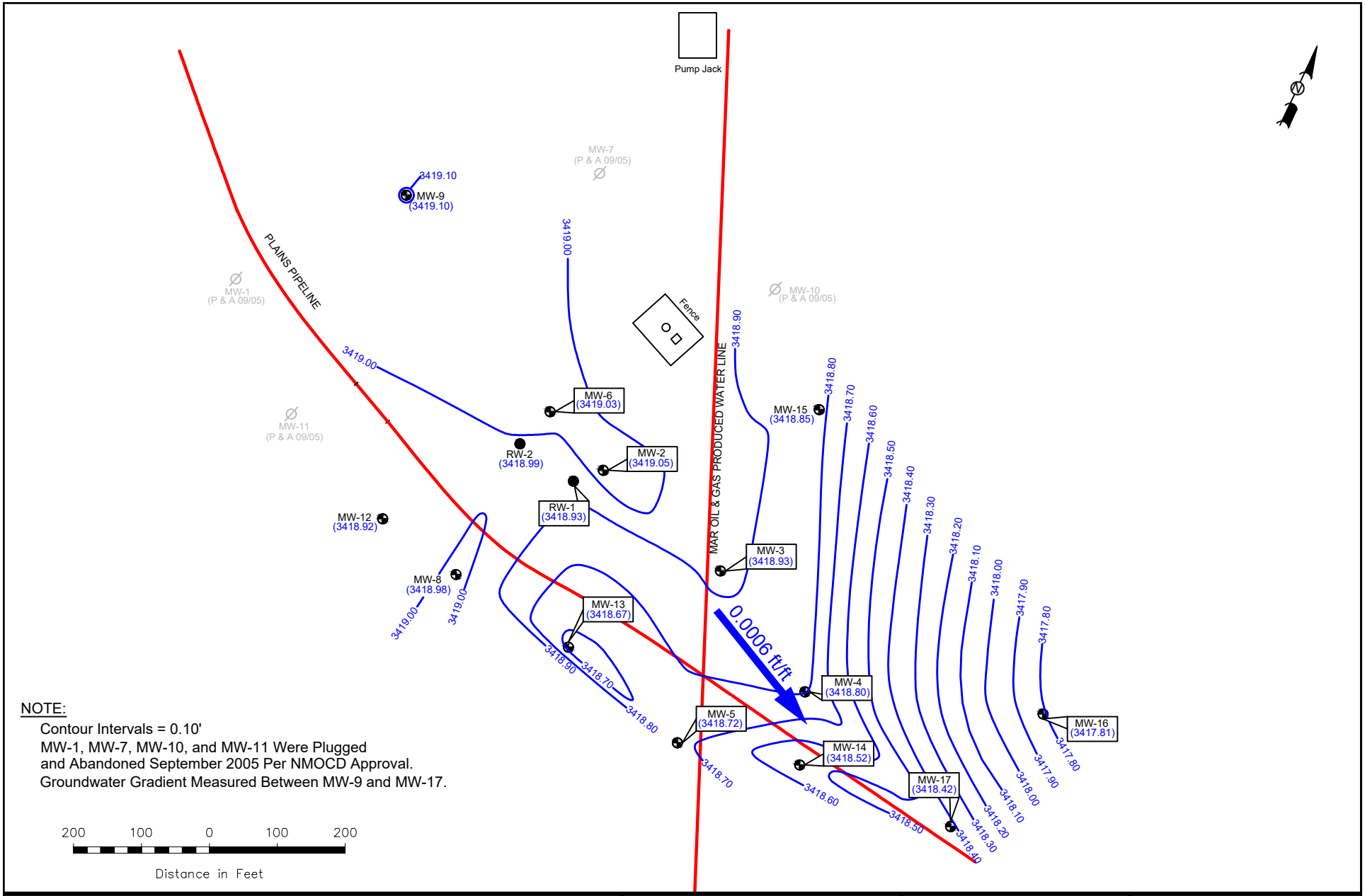

NOTE:

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.

LEGEND:

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

Figure 2A
Inferred Groundwater Gradient Map
(3/25/2021 - 3/26/2021)
Plains Marketing, L.P.
HDO 90-23
NMOCD Reference #AP-009
Lea County, NM

Scale: 1" = 200'	
CAD By: CS	Checked By: CS
Draft: April 6, 2021	
Lat. N 32.520027°, Long. W 103.200794°	
NE1/4 NW1/4 Sec 6 T21S R37E	
TRC Proj. No.: 014181	

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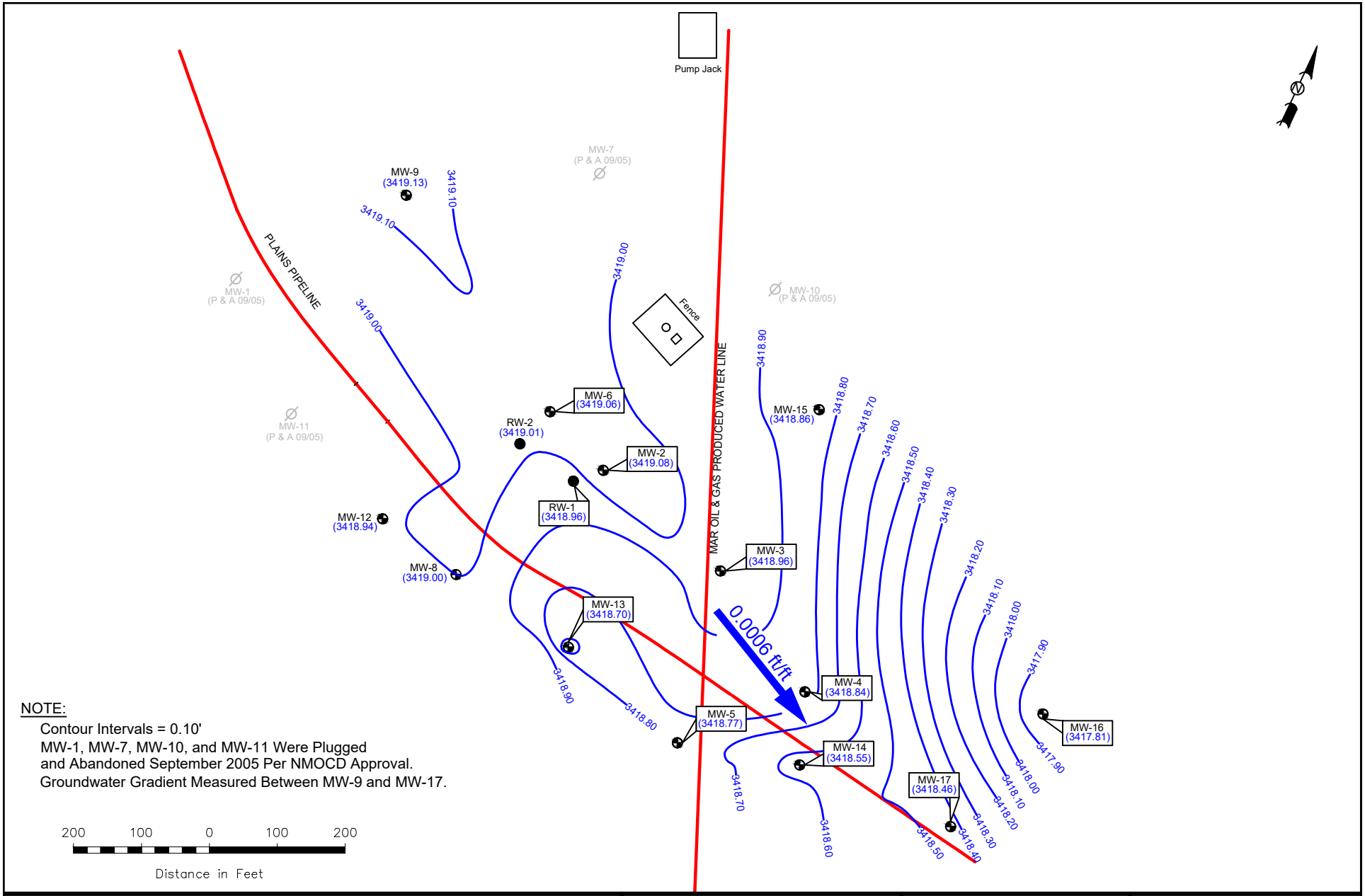

LEGEND:

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

Figure 2B
Inferred Groundwater Gradient Map
(5/13/2021 - 5/14/2021)
Plains Marketing, L.P.
HDO 90-23
NMOCD Reference #AP-009
Lea County, NM

Scale: 1" = 200'	
CAD By: CS	Checked By: CS
Draft: May 24, 2021	
Lat. N 32.520027°, Long. W 103.200794°	
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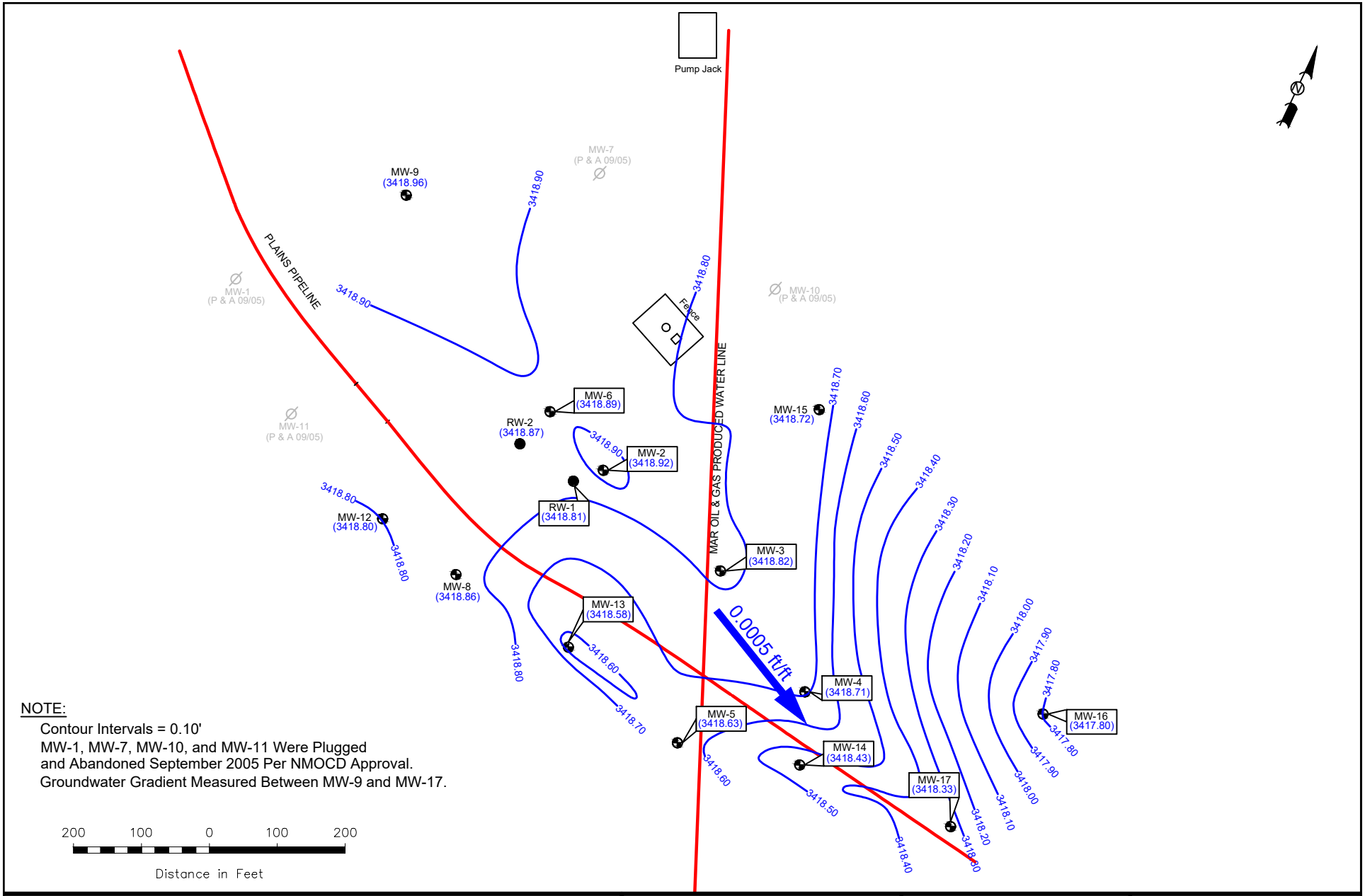

NOTE:

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.

LEGEND:

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

Figure 2C
Inferred Groundwater Gradient Map
(9/7/2021 - 9/8/2021)
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 22, 2021	
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TRC Proj. No.: 014181	

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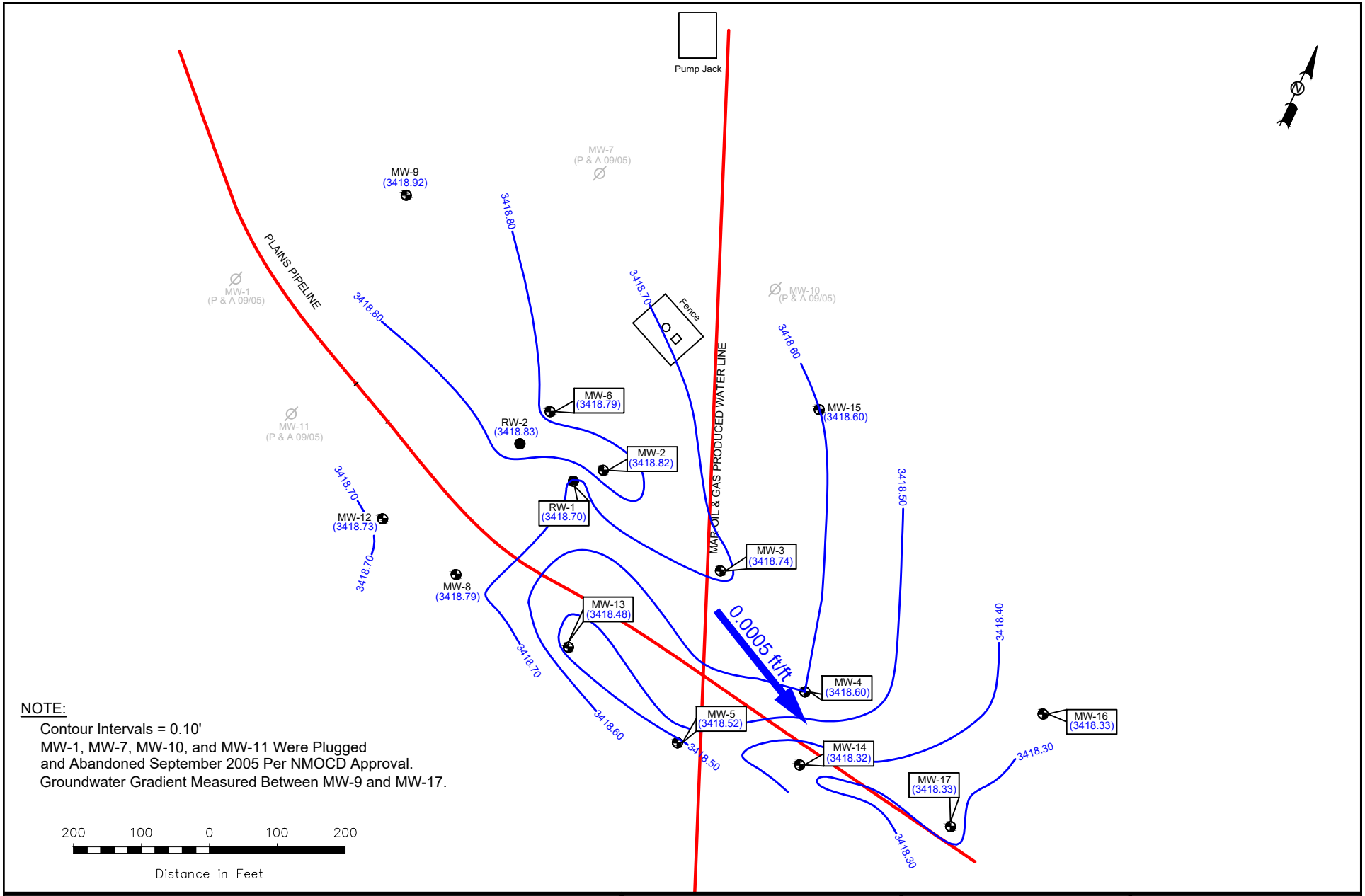

LEGEND:

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

Figure 2D
Inferred Groundwater Gradient Map
(12/8/2021)
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 15, 2021	
Lat. N 32.520027°, Long. W 103.200794°	
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TRC Proj. No.: 014181	

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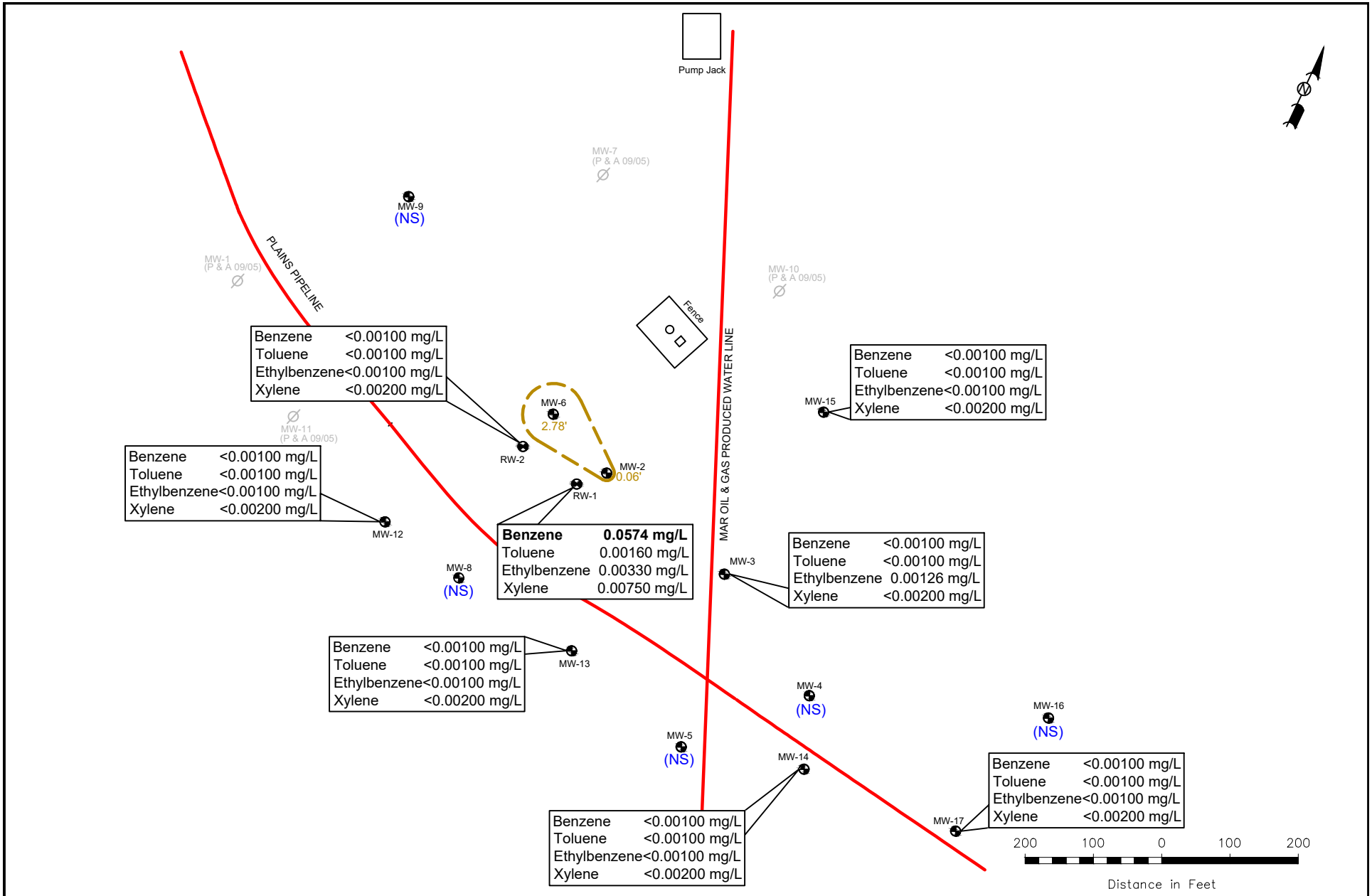

LEGEND:

- 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 3A
Groundwater Concentration and Inferred PSH Extent Map
(3/26/2021)
Plains Marketing, L.P.
HDO 90-23
NMOCD Reference #AP-009
Lea County, NM

Scale: 1" = 200'	
CAD By: CS	Checked By: CS
Draft: April 13, 2021	
Lat. N 32.520027°, Long. W 103.200794°	
NE1/4 NW1/4 Sec 6 T21S R37E	
TRC Proj. No.: 014181	

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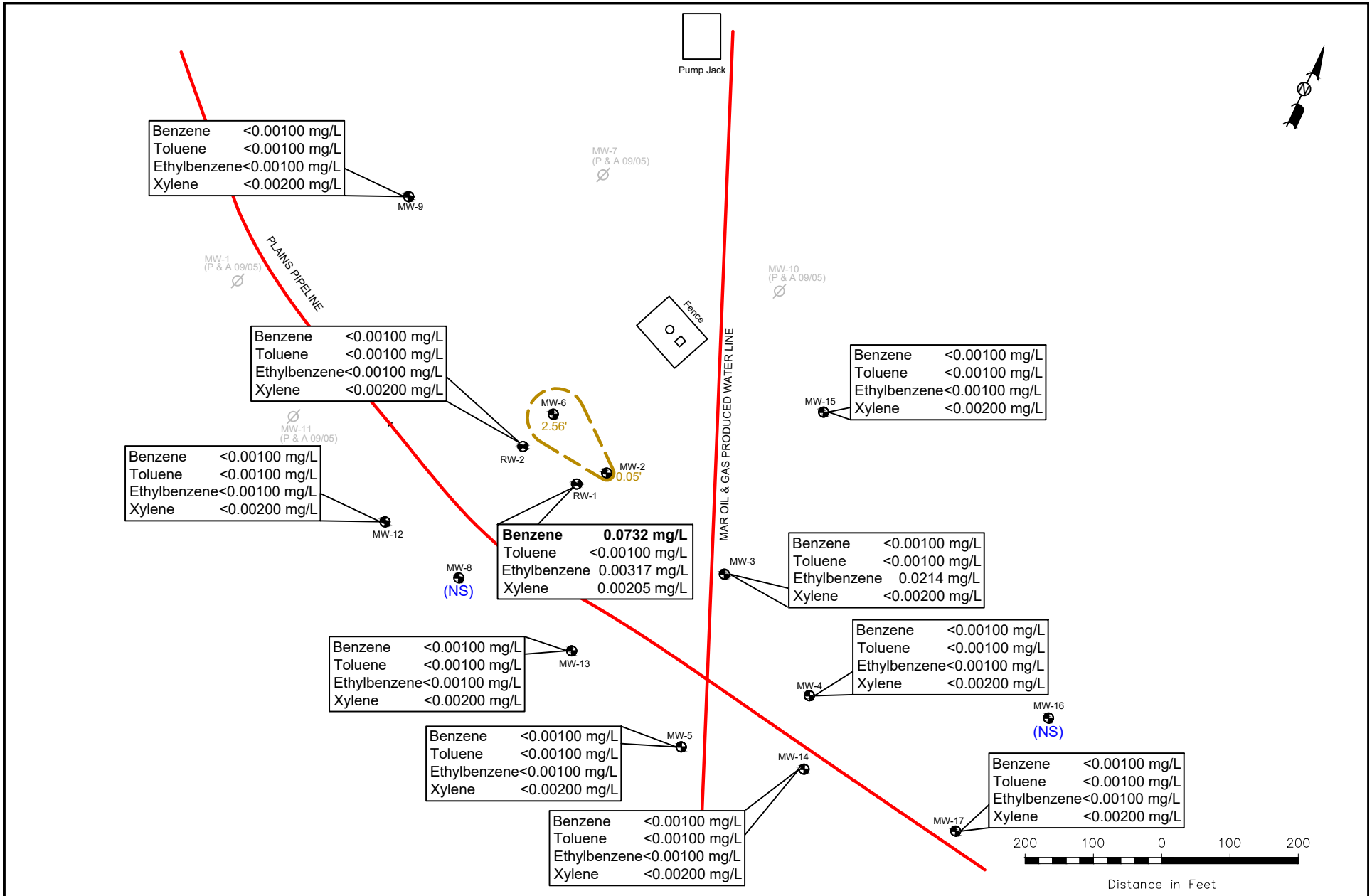

LEGEND:

- 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
(5/13/2021 - 5/14/2021)
Plains Marketing, L.P.
HDO 90-23
NMOCD Reference #AP-009
Lea County, NM

Scale: 1" = 200'	
CAD By: CS	Checked By: CS
Draft: June 3, 2021	
Lat. N 32.520027°, Long. W 103.200794°	
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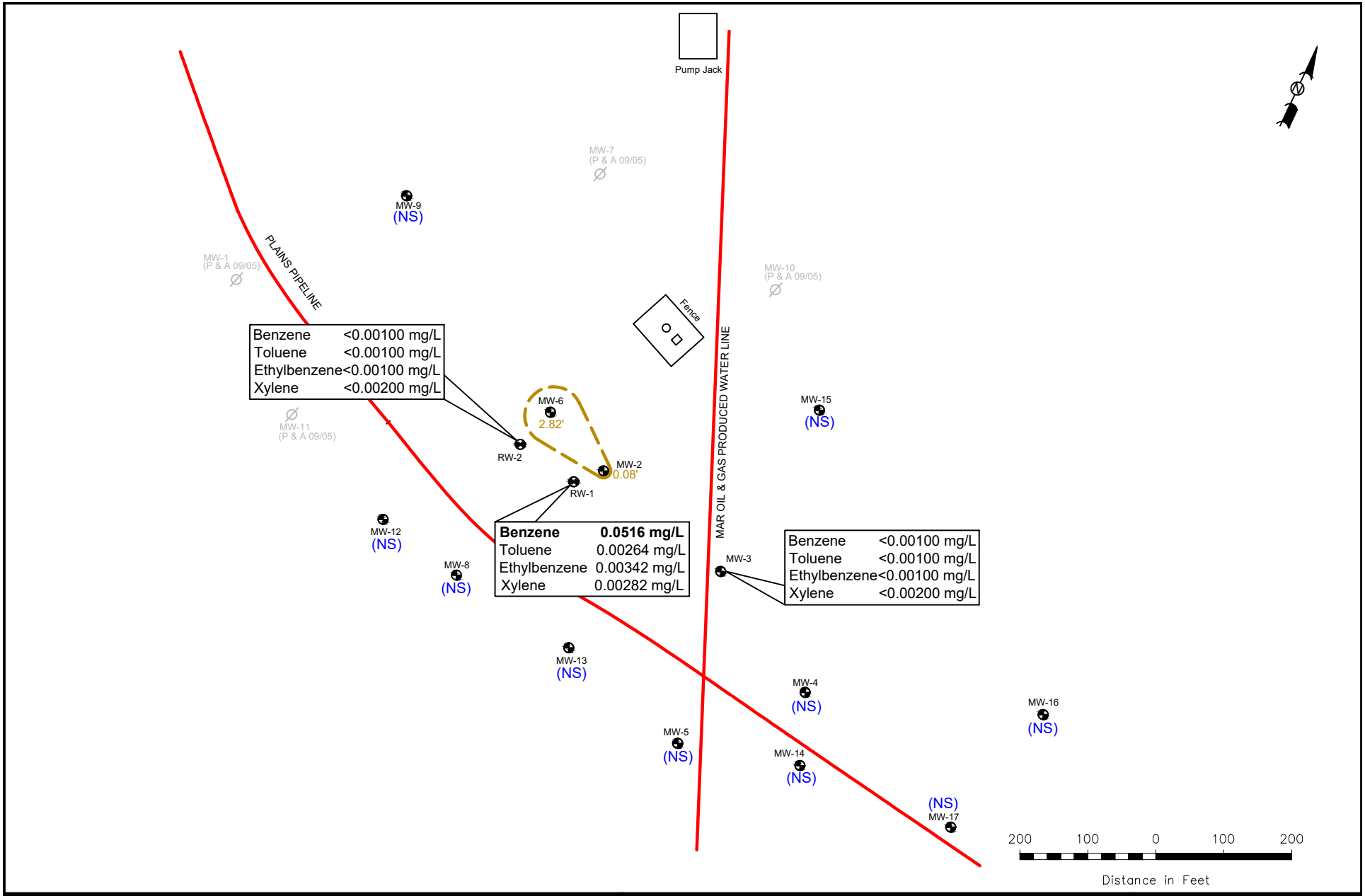

LEGEND:

- 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
(9/7/2021 - 9/8/2021)
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 16, 2021	
Lat. N 32.520027°, Long. W 103.200794°	
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TRC Proj. No.: 014181	

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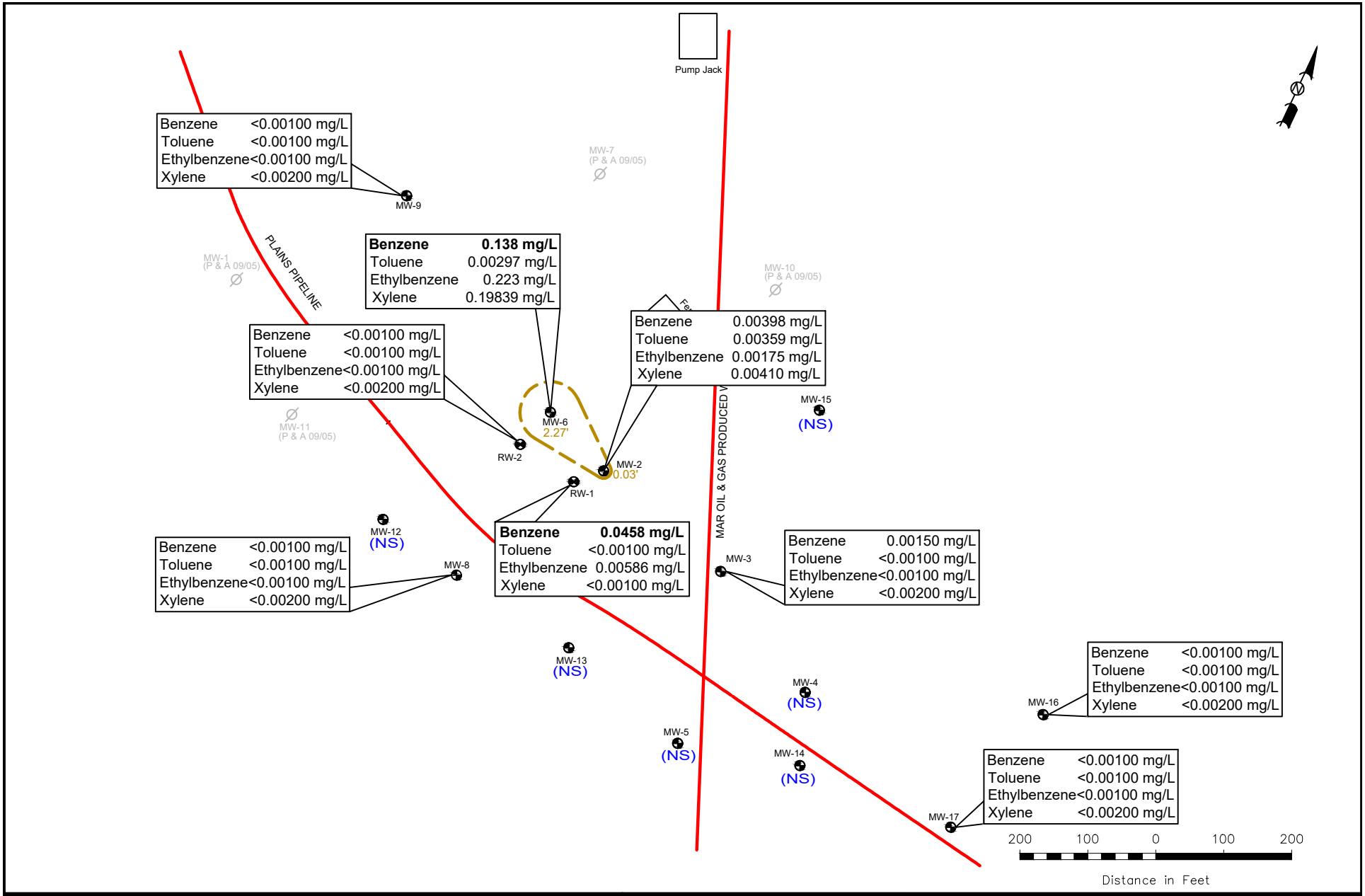

LEGEND:

- 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 3D
Groundwater Concentration and Inferred PSH Extent Map
(12/8/2021, 12/12-13/2021 and 12/21/21)
Plains Marketing, L.P.
HDO 90-23
NMOCD Reference #AP-009
Lea County, NM

Scale: 1" = 200'	
CAD By: CS	Checked By: CS
Draft: January 14, 2021	
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TRC Proj. No.: 014181	

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TABLES

TABLE 1

2021 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	03/26/21	3,465.44	46.38	46.44	0.06	3,419.05
MW - 2	04/20/21	3,465.44	46.37	46.53	0.16	3,419.05
MW - 2	05/14/21	3,465.44	46.35	46.40	0.05	3,419.08
MW - 2	06/14/21	3,465.44	46.40	46.49	0.09	3,419.03
MW - 2	08/12/21	3,465.44	46.46	46.58	0.12	3,418.96
MW - 2	09/07/21	3,465.44	46.51	46.59	0.08	3,418.92
MW - 2	10/21/21	3,465.44	46.56	46.74	0.18	3,418.85
MW - 2	12/08/21	3,465.44	46.60	46.76	0.16	3,418.82
MW - 2	12/13/21	3,465.44	46.60	46.63	0.03	3,418.84
MW - 3	03/26/21	3,464.68	-	45.75	0.00	3,418.93
MW - 3	05/14/21	3,464.68	-	45.72	0.00	3,418.96
MW - 3	09/08/21	3,464.68	-	45.86	0.00	3,418.82
MW - 3	12/08/21	3,464.68	-	45.94	0.00	3,418.74
MW - 3	12/13/21	3,464.68	-	45.97	0.00	3,418.71
MW - 4	03/25/21	3,465.76	-	46.96	0.00	3,418.80
MW - 4	05/14/21	3,465.76	-	46.92	0.00	3,418.84
MW - 4	09/07/21	3,465.76	-	47.05	0.00	3,418.71
MW - 4	12/08/21	3,465.76	-	47.16	0.00	3,418.60
MW - 4	12/13/21	3,465.76	-	47.18	0.00	3,418.58
MW - 5	03/25/21	3,467.40	-	48.68	0.00	3,418.72
MW - 5	05/14/21	3,467.40	-	48.63	0.00	3,418.77
MW - 5	09/07/21	3,467.40	-	48.77	0.00	3,418.63
MW - 5	12/08/21	3,467.40	-	48.88	0.00	3,418.52
MW - 5	12/13/21	3,467.40	-	48.90	0.00	3,418.50
MW - 6	03/26/21	3,465.42	45.97	48.75	2.78	3,419.03
MW - 6	04/20/21	3,465.42	45.97	48.80	2.83	3,419.03
MW - 6	05/13/21	3,465.42	45.98	48.54	2.56	3,419.06
MW - 6	06/14/21	3,465.42	45.96	48.78	2.82	3,419.04
MW - 6	08/12/21	3,465.42	46.08	48.97	2.89	3,418.91
MW - 6	09/08/21	3,465.42	46.11	48.93	2.82	3,418.89
MW - 6	10/21/21	3,465.42	46.15	49.22	3.07	3,418.81
MW - 6	12/08/21	3,465.42	46.29	48.53	2.24	3,418.79
MW - 6	12/13/21	3,465.42	46.26	48.53	2.27	3,418.82
MW - 8	03/25/21	3,467.61	-	48.63	0.00	3,418.98
MW - 8	05/13/21	3,467.61	-	48.61	0.00	3,419.00
MW - 8	09/07/21	3,467.61	-	48.75	0.00	3,418.86
MW - 8	12/08/21	3,467.61	-	48.82	0.00	3,418.79

TABLE 1

2021 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	12/13/21	3,467.61	-	48.85	0.00	3,418.76
MW - 9	03/25/21	3,465.74	-	46.64	0.00	3,419.10
MW - 9	05/14/21	3,465.74	-	46.61	0.00	3,419.13
MW - 9	09/07/21	3,465.74	-	46.78	0.00	3,418.96
MW - 9	12/08/21	3,465.74	-	48.82	0.00	3,416.92
MW - 9	12/13/21	3,465.74	-	46.86	0.00	3,418.88
MW - 12	03/26/21	3466.69	-	47.77	0.00	3,418.92
MW - 12	05/14/21	3466.69	-	47.75	0.00	3,418.94
MW - 12	09/07/21	3466.69	-	47.89	0.00	3,418.80
MW - 12	12/08/21	3466.69	-	47.96	0.00	3,418.73
MW - 12	12/13/21	3466.69	-	48.53	0.00	3,418.16
MW - 13	03/26/21	3466.98	-	48.31	0.00	3,418.67
MW - 13	05/14/21	3466.98	-	48.28	0.00	3,418.70
MW - 13	09/08/21	3466.98	-	48.40	0.00	3,418.58
MW - 13	12/08/21	3466.98	-	48.50	0.00	3,418.48
MW - 13	12/13/21	3466.98	-	48.53	0.00	3,418.45
MW - 14	03/26/21	3466.50	-	47.98	0.00	3,418.52
MW - 14	05/14/21	3466.50	-	47.95	0.00	3,418.55
MW - 14	09/07/21	3466.50	-	48.07	0.00	3,418.43
MW - 14	12/08/21	3466.50	-	48.18	0.00	3,418.32
MW - 14	12/13/21	3466.50	-	48.20	0.00	3,418.30
MW - 15	03/26/21	3466.10	-	47.25	0.00	3,418.85
MW - 15	05/14/21	3466.10	-	47.24	0.00	3,418.86
MW - 15	09/07/21	3466.10	-	47.38	0.00	3,418.72
MW - 15	12/08/21	3466.10	-	47.50	0.00	3,418.60
MW - 15	12/13/21	3466.10	-	47.51	0.00	3,418.59
MW - 16	03/25/21	3465.93	-	48.12	0.00	3,417.81
MW - 16	05/13/21	3465.93	-	48.12	0.00	3,417.81
MW - 16	09/07/21	3465.93	-	48.13	0.00	3,417.80
MW - 16	12/08/21	3465.93	-	47.60	0.00	3,418.33
MW - 16	12/13/21	3465.93	-	47.58	0.00	3,418.35
MW - 17	03/26/21	3468.68	-	50.26	0.00	3,418.42
MW - 17	05/14/21	3468.68	-	50.22	0.00	3,418.46
MW - 17	09/07/21	3468.68	-	50.35	0.00	3,418.33
MW - 17	12/08/21	3468.68	-	50.50	0.00	3,418.18

TABLE 1

2021 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	12/13/21	3468.68	-	50.45	0.00	3,418.23
RW-1	03/26/21	3465.02	-	46.09	0.00	3,418.93
RW-1	05/13/21	3465.02	-	46.06	0.00	3,418.96
RW-1	08/12/21	3465.02	-	46.17	0.00	3,418.85
RW-1	09/08/21	3465.02	-	46.21	0.00	3,418.81
RW-1	10/21/21	3465.02	-	46.27	0.00	3,418.75
RW-1	12/08/21	3465.02	-	46.32	0.00	3,418.70
RW-1	12/13/21	3465.02	-	46.30	0.00	3,418.72
RW - 2	03/26/21	3465.21	-	46.22	0.00	3418.99
RW - 2	05/14/21	3465.21	-	46.20	0.00	3419.01
RW - 2	09/08/21	3465.21	-	46.34	0.00	3418.87
RW - 2	12/08/21	3465.21	-	46.38	0.00	3418.83
RW - 2	12/13/21	3465.21	-	46.44	0.00	3418.77

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

TABLE 2

2021 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	03/26/21	Not Sampled due to PSH in Well				
MW - 2	05/14/21	Not Sampled due to PSH in Well				
MW - 2	09/08/21	Not Sampled due to PSH in Well				
MW - 2	12/13/21	0.00398	0.00359	0.00175	0.00410	
MW - 3	03/26/21	<0.00100	<0.00100	0.00126	<0.00200	
MW - 3	05/14/21	<0.00100	<0.00100	0.0214	<0.00200	
MW - 3	09/08/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 3	12/13/21	0.00150	<0.00100	<0.00100	<0.00200	
MW - 4	03/26/21	Not Sampled on Current Sample Schedule				
MW - 4	05/14/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 4	09/08/21	Not Sampled on Current Sample Schedule				
MW - 4	12/08/21	Not Sampled on Current Sample Schedule				
MW - 5	03/26/21	Not Sampled on Current Sample Schedule				
MW - 5	05/14/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5	09/08/21	Not Sampled on Current Sample Schedule				
MW - 5	12/08/21	Not Sampled on Current Sample Schedule				
MW - 6	03/26/21	Not Sampled due to PSH in Well				
MW - 6	05/14/21	Not Sampled due to PSH in Well				
MW - 6	09/08/21	Not Sampled due to PSH in Well				
MW - 6	12/12/21	**0.138**	0.00297	0.223	0.19839	
MW - 8	03/26/21	Not Sampled on Current Sample Schedule				
MW - 8	05/14/21	Not Sampled on Current Sample Schedule				
MW - 8	09/08/21	Not Sampled on Current Sample Schedule				
MW - 8	12/08/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	03/26/21	Not Sampled on Current Sample Schedule				
MW - 9	05/14/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	09/08/21	Not Sampled on Current Sample Schedule				
MW - 9	12/13/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	03/26/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	05/14/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	09/08/21	Not Sampled on Current Sample Schedule				
MW - 12	12/08/21	Not Sampled on Current Sample Schedule				
MW - 13	03/26/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	05/14/21	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 2

2021 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	09/08/21	Not Sampled on Current Sample Schedule				
MW - 13	12/08/21	Not Sampled on Current Sample Schedule				
MW - 14	03/26/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	05/14/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	09/08/21	Not Sampled on Current Sample Schedule				
MW - 14	12/08/21	Not Sampled on Current Sample Schedule				
MW - 15	03/26/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	05/14/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	09/08/21	Not Sampled on Current Sample Schedule				
MW - 15	12/08/21	Not Sampled on Current Sample Schedule				
MW - 16	03/26/21	Not Sampled on Current Sample Schedule				
MW - 16	05/14/21	Not Sampled on Current Sample Schedule				
MW - 16	09/08/21	Not Sampled on Current Sample Schedule				
MW - 16	12/08/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	03/26/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	05/14/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	09/08/21	Not Sampled on Current Sample Schedule				
MW - 17	12/13/21	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 1	03/26/21	**0.0574**	0.00160	0.00330	0.00750	
RW - 1	05/14/21	**0.0732**	<0.00100	0.00317	0.00205	
RW - 1	09/08/21	**0.0516**	0.00264	0.00342	0.00282	
RW - 1	12/21/21	**0.0458**	<0.00100	0.00586	<0.00100	
RW - 2	03/26/21	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 2	05/14/21	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 2	09/08/21	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 2	12/13/21	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 3

2021 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	12/13/21	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	**0.085**			<0.000099
MW-3	12/13/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	12/08/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	12/08/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	12/13/21	0.00080	0.00014	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00097	<0.00010	**0.0011**	<0.00010	0.0206			0.0012
MW-8	12/08/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/13/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/08/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	12/08/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	12/08/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	12/08/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/08/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	12/13/21	Not Sampled as part of Quarterly Monitoring Event.																		
RW-1	12/08/21	Not Sampled as part of Quarterly Monitoring Event.																		
RW-2	12/13/21	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 - 2	03/26/21	3,465.44	46.38	46.44	0.06	3,419.05
MW - 2	04/20/21	3,465.44	46.37	46.53	0.16	3,419.05
MW - 2	05/14/21	3,465.44	46.35	46.40	0.05	3,419.08
MW - 2	06/14/21	3,465.44	46.40	46.49	0.09	3,419.03
MW - 2	08/12/21	3,465.44	46.46	46.58	0.12	3,418.96
MW - 2	09/07/21	3,465.44	46.51	46.59	0.08	3,418.92
MW - 2	10/21/21	3,465.44	46.56	46.74	0.18	3,418.85
MW - 2	12/08/21	3,465.44	46.60	46.76	0.16	3,418.82
MW - 2	12/13/21	3,465.44	46.60	46.63	0.03	3,418.84
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

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	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
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

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	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
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

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	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
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

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	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
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

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	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
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

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	04/13/16	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
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 - 3	03/26/21	3,464.68	-	45.75	0.00	3,418.93
MW - 3	05/14/21	3,464.68	-	45.72	0.00	3,418.96
MW - 3	09/08/21	3,464.68	-	45.86	0.00	3,418.82

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	12/08/21	3,464.68	-	45.94	0.00	3,418.74
MW - 3	12/13/21	3,464.68	-	45.97	0.00	3,418.71
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
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

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	02/08/08	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
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

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	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
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

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	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 - 4	03/25/21	3,465.76	-	46.96	0.00	3,418.80
MW - 4	05/14/21	3,465.76	-	46.92	0.00	3,418.84
MW - 4	09/07/21	3,465.76	-	47.05	0.00	3,418.71
MW - 4	12/08/21	3,465.76	-	47.16	0.00	3,418.60
MW - 4	12/13/21	3,465.76	-	47.18	0.00	3,418.58
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
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

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	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
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

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	08/20/15	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
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

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	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 - 5	03/25/21	3,467.40	-	48.68	0.00	3,418.72
MW - 5	05/14/21	3,467.40	-	48.63	0.00	3,418.77
MW - 5	09/07/21	3,467.40	-	48.77	0.00	3,418.63
MW - 5	12/08/21	3,467.40	-	48.88	0.00	3,418.52
MW - 5	12/13/21	3,467.40	-	48.90	0.00	3,418.50
	.					
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
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

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	05/27/03	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
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

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	05/12/04	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
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

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	04/13/05	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
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

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	02/23/07	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
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

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	02/27/09	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
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

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	11/25/09	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
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

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	05/26/11	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
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

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	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
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

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	12/10/13	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
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

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	02/04/15	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
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

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	11/09/15	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
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

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	09/12/16	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
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

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	07/18/17	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
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

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	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
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

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	02/04/20	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 - 6	03/26/21	3,465.42	45.97	48.75	2.78	3,419.03
MW - 6	04/20/21	3,465.42	45.97	48.80	2.83	3,419.03
MW - 6	05/13/21	3,465.42	45.98	48.54	2.56	3,419.06
MW - 6	06/14/21	3,465.42	45.96	48.78	2.82	3,419.04
MW - 6	08/12/21	3,465.42	46.08	48.97	2.89	3,418.91
MW - 6	09/08/21	3,465.42	46.11	48.93	2.82	3,418.89
MW - 6	10/21/21	3,465.42	46.15	49.22	3.07	3,418.81
MW - 6	12/08/21	3,465.42	46.29	48.53	2.24	3,418.79
MW - 6	12/13/21	3,465.42	46.26	48.53	2.27	3,418.82
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
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

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	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
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

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	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
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

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	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
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

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	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 - 8	03/25/21	3,467.61	-	48.63	0.00	3,418.98
MW - 8	05/13/21	3,467.61	-	48.61	0.00	3,419.00
MW - 8	09/07/21	3,467.61	-	48.75	0.00	3,418.86
MW - 8	12/08/21	3,467.61	-	48.82	0.00	3,418.79
MW - 8	12/13/21	3,467.61	-	48.85	0.00	3,418.76
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
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

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	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
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

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	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 - 9	03/25/21	3,465.74	-	46.64	0.00	3,419.10
MW - 9	05/14/21	3,465.74	-	46.61	0.00	3,419.13
MW - 9	09/07/21	3,465.74	-	46.78	0.00	3,418.96
MW - 9	12/08/21	3,465.74	-	48.82	0.00	3,416.92

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	12/13/21	3,465.74	-	46.86	0.00	3,418.88
MW - 10	01/06/03	3466.15	-	47.12	0.00	3,419.03
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

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	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
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

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	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
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

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	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
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 - 12	03/26/21	3466.69	-	47.77	0.00	3,418.92
MW - 12	05/14/21	3466.69	-	47.75	0.00	3,418.94
MW - 12	09/07/21	3466.69	-	47.89	0.00	3,418.80
MW - 12	12/08/21	3466.69	-	47.96	0.00	3,418.73
MW - 12	12/13/21	3466.69	-	48.53	0.00	3,418.16
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

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	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
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

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	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
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

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	12/26/17	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
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 - 13	03/26/21	3466.98	-	48.31	0.00	3,418.67
MW - 13	05/14/21	3466.98	-	48.28	0.00	3,418.70
MW - 13	09/08/21	3466.98	-	48.40	0.00	3,418.58
MW - 13	12/08/21	3466.98	-	48.50	0.00	3,418.48
MW - 13	12/13/21	3466.98	-	48.53	0.00	3,418.45
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

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	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
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

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	02/14/05	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
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

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	06/29/06	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
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

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	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
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

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	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
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

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	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
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

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	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
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

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	12/31/18	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
MW - 14	03/26/21	3466.50	-	47.98	0.00	3,418.52
MW - 14	05/14/21	3466.50	-	47.95	0.00	3,418.55
MW - 14	09/07/21	3466.50	-	48.07	0.00	3,418.43
MW - 14	12/08/21	3466.50	-	48.18	0.00	3,418.32
MW - 14	12/13/21	3466.50	-	48.20	0.00	3,418.30
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

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	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
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

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	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
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

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	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
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

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	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
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 - 15	03/26/21	3466.10	-	47.25	0.00	3,418.85
MW - 15	05/14/21	3466.10	-	47.24	0.00	3,418.86
MW - 15	09/07/21	3466.10	-	47.38	0.00	3,418.72
MW - 15	12/08/21	3466.10	-	47.50	0.00	3,418.60
MW - 15	12/13/21	3466.10	-	47.51	0.00	3,418.59
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

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	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
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

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	05/27/14	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
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

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	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 - 16	03/25/21	3465.93	-	48.12	0.00	3,417.81
MW - 16	05/13/21	3465.93	-	48.12	0.00	3,417.81
MW - 16	09/07/21	3465.93	-	48.13	0.00	3,417.80
MW - 16	12/08/21	3465.93	-	47.60	0.00	3,418.33
MW - 16	12/13/21	3465.93	-	47.58	0.00	3,418.35
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
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

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	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
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

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	01/19/16	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
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

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	03/26/21	3468.68	-	50.26	0.00	3,418.42
MW - 17	05/14/21	3468.68	-	50.22	0.00	3,418.46
MW - 17	09/07/21	3468.68	-	50.35	0.00	3,418.33
MW - 17	12/08/21	3468.68	-	50.50	0.00	3,418.18
MW - 17	12/13/21	3468.68	-	50.45	0.00	3,418.23
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
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

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	12/20/04	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
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

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	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
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

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	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
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

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	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
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

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	08/11/11	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
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

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	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
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

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	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
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

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	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
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

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	12/15/15	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
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

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	11/03/16	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
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

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	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
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

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	12/17/18	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-1	03/26/21	3465.02	-	46.09	0.00	3,418.93
RW-1	05/13/21	3465.02	-	46.06	0.00	3,418.96
RW-1	08/12/21	3465.02	-	46.17	0.00	3,418.85
RW-1	09/08/21	3465.02	-	46.21	0.00	3,418.81
RW-1	10/21/21	3465.02	-	46.27	0.00	3,418.75
RW-1	12/08/21	3465.02	-	46.32	0.00	3,418.70
RW-1	12/13/21	3465.02	-	46.30	0.00	3,418.72
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
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	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	03/0706	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

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	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

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	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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
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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	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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
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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	06/08/12	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

TABLE 4

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	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
RW - 2	03/26/21	3465.21	-	46.22	0.00	3418.99
RW - 2	05/14/21	3465.21	-	46.20	0.00	3419.01
RW - 2	09/08/21	3465.21	-	46.34	0.00	3418.87
RW - 2	12/08/21	3465.21	-	46.38	0.00	3418.83
RW - 2	12/13/21	3465.21	-	46.44	0.00	3418.77

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	
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 - 2	03/26/21	Not Sampled due to PSH in Well				
MW - 2	05/14/21	Not Sampled due to PSH in Well				
MW - 2	09/08/21	Not Sampled due to PSH in Well				
MW - 2	12/13/21	0.00398	0.00359	0.00175	0.00410	
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	

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	11/21/06	**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	
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	<0.00100	<0.001	
MW - 3	08/01/13	<0.001	<0.001	<0.00100	<0.001	
MW - 3	11/05/13	<0.001	<0.001	<0.00100	<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	

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	05/04/17	<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	
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 - 3	03/26/21	<0.00100	<0.00100	0.00126	<0.00200	
MW - 3	05/14/21	<0.00100	<0.00100	0.0214	<0.00200	
MW - 3	09/08/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 3	12/13/21	0.00150	<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				

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	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	
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	

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	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				
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 - 4	03/26/21	Not Sampled on Current Sample Schedule				
MW - 4	05/14/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 4	09/08/21	Not Sampled on Current Sample Schedule				
MW - 4	12/08/21	Not Sampled on Current Sample Schedule				
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

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	11/24/03	<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				
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				

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	11/15/14	<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				
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 - 5	03/26/21	Not Sampled on Current Sample Schedule				
MW - 5	05/14/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5	09/08/21	Not Sampled on Current Sample Schedule				
MW - 5	12/08/21	Not Sampled on Current Sample Schedule				
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				

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	11/05/07	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				
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				

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	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 - 6	03/26/21	Not Sampled due to PSH in Well				
MW - 6	05/14/21	Not Sampled due to PSH in Well				
MW - 6	09/08/21	Not Sampled due to PSH in Well				
MW - 6	12/12/21	**0.138**	0.00297	0.223	0.19839	
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
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

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	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				
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	

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	02/15/11	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	
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 - 8	03/26/21	Not Sampled on Current Sample Schedule				
MW - 8	05/14/21	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	09/08/21	Not Sampled on Current Sample Schedule				
MW - 8	12/08/21	<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	
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	

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	08/10/12	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	
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 - 9	03/26/21	Not Sampled on Current Sample Schedule				
MW - 9	05/14/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	09/08/21	Not Sampled on Current Sample Schedule				
MW - 9	12/13/21	<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

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 - 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
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	

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	02/23/07	<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	
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	

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	08/23/17	<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 - 12	03/26/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	05/14/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	09/08/21	Not Sampled on Current Sample Schedule				
MW - 12	12/08/21	Not Sampled on Current Sample Schedule				
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	
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	

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	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	
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	

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	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 - 13	03/26/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	05/14/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	09/08/21	Not Sampled on Current Sample Schedule				
MW - 13	12/08/21	Not Sampled on Current Sample Schedule				
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	
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	

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	02/15/11	<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	
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 - 14	03/26/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	05/14/21	<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	09/08/21	Not Sampled on Current Sample Schedule				
MW - 14	12/08/21	Not Sampled on Current Sample Schedule				
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	
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	

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	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 - 15	03/26/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	05/14/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	09/08/21	Not Sampled on Current Sample Schedule				
MW - 15	12/08/21	Not Sampled on Current Sample Schedule				
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	

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	09/08/05	<0.001	<0.001	<0.001	<0.001	
MW - 16	12/01/05	<0.001	<0.001	<0.001	<0.001	
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	

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	02/25/16	Not Sampled on Current Sample Schedule				
MW - 16	06/02/16	Not Sampled on Current Sample Schedule				
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 - 16	03/26/21	Not Sampled on Current Sample Schedule				
MW - 16	05/14/21	Not Sampled on Current Sample Schedule				
MW - 16	09/08/21	Not Sampled on Current Sample Schedule				
MW - 16	12/08/21	<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	

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	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	
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	

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	08/21/19	<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	
MW - 17	03/26/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	05/14/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	09/08/21	Not Sampled on Current Sample Schedule				
MW - 17	12/13/21	<0.00100	<0.00100	<0.00100	<0.00200	
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	

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	05/05/11	**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	
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 - 1	03/26/21	**0.0574**	0.00160	0.00330	0.00750	
RW - 1	05/14/21	**0.0732**	<0.00100	0.00317	0.00205	

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	09/08/21	**0.0516**	0.00264	0.00342	0.00282	
RW - 1	12/21/21	**0.0458**	<0.00100	0.00586	<0.00100	
RW - 2	05/15/03	**0.8010**	<0.001	0.4480	0.070	
RW - 2	11/24/03	**0.3020**	0.002	0.7240	0.135	
RW - 2	02/18/04	**0.1400**	<0.001	0.7370	0.134	
RW - 2	05/12/04	**0.1700**	<0.001	0.3790	0.07673	
RW - 2	08/25/04	**0.1660**	<0.001	0.1040	0.03569	
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	
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	

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	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	
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	
RW - 2	03/26/21	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 2	05/14/21	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 2	09/08/21	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 2	12/13/21	<0.00100	<0.00100	<0.00100	<0.00200	

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-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-2	12/13/21	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	**0.085**			<0.000099
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-3	12/13/21	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.																		

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-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.																		
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-4	12/08/21	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-5	12/08/21	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.																		

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	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.																		
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-6	12/13/21	0.00080	0.00014	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00097	<0.00010	**0.0011**	<0.00010	0.0206			0.0012
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	<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	<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-8	12/08/21	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	<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	<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.																		

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-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-9	12/13/21	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	<0.000183
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	<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-12	12/08/21	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	<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	<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.																		

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-13	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	12/08/21	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	<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	<0.000184	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	<0.000190	0.00221
MW-14	11/05/13	Not Sampled as part of Quarterly Monitoring Event.																		
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-14	12/08/21	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	<0.000184	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	<0.000183	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-15	12/08/21	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-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	<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	<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.																		
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-16	12/08/21	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.																		
MW-17	12/13/21	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	<0.000184	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	<0.000183	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	<0.000183	0.000419	<0.000183	0.000265	<0.000183	0.000437	0.000184	<0.000183	0.000625

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

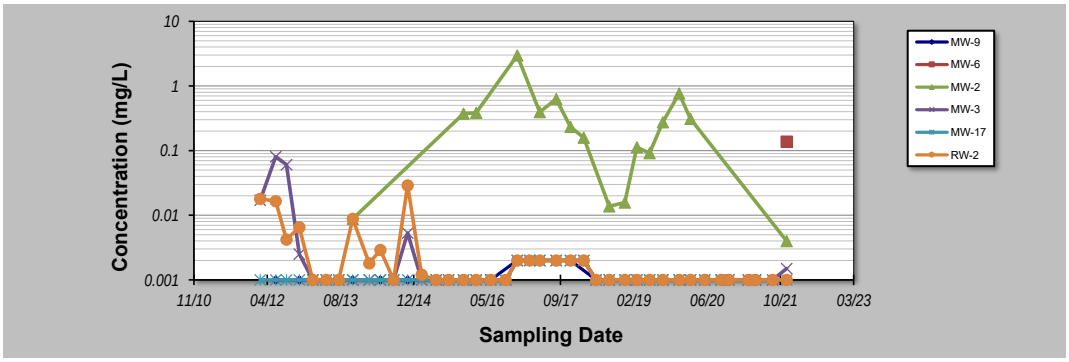
SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	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-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	<0.0002200	**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	<0.0002200	<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	<0.000097	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	<0.000098	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-1	12/08/21	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	<0.000185	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	<0.000183
RW-2	11/09/10	Not Sampled as part of Quarterly Monitoring Event.																		
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.																		
RW-2	12/13/21	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 7

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: HDO 90-23
Conducted By: TRC
Job ID: AP-003
Constituent: Benzene
Concentration Units: mg/L

Sampling Point ID:	MW-9	MW-6	MW-2	MW-3	MW-17	RW-2	
Sampling Event	Sampling Date	BENZENE CONCENTRATION (mg/L)						
1	02/13/12				0.0171	0.001	0.0179	
2	05/29/12	0.001			0.0806	0.001	0.0165	
3	08/10/12				0.0605	0.001	0.0042	
4	11/06/12	0.001			0.0025	0.001	0.0065	
5	02/06/13				0.001	0.001	0.001	
6	05/08/13	0.001			0.001	0.001	0.001	
7	08/01/13				0.001	0.001	0.001	
8	11/05/13	0.001		0.009	0.001	0.001	0.0088	
9	02/26/14				0.00100	0.00100	0.00180	
10	05/12/14	0.00100			0.00100	0.00100	0.00290	
11	08/11/14				0.00100	0.00100	0.00100	
12	11/15/14	0.00100			0.00530	0.00100	0.0290	
13	02/18/15				0.00100	0.00100	0.00120	
14	05/28/15	0.00100			0.00100	0.00100	0.00100	
15	08/20/15				0.00100	0.00100	0.00100	
16	11/30/15	0.00100		0.373	0.00100	0.00100	0.00100	
17	02/25/16			0.384	0.00100	0.00100	0.00100	
18	06/02/16	0.00100			0.00100	0.00100	0.00100	
19	09/12/16				0.00100	0.00100	0.00100	
20	12/01/16	0.00200		2.97	0.00200	0.00200	0.00200	
21	02/23/17				0.00200	0.00200	0.00200	
22	05/04/17	0.00200		0.395	0.00200	0.00200	0.00200	
23	08/24/17			0.628	0.00200	0.00200	0.00200	
24	11/29/17	0.00200		0.233	0.00200	0.00200	0.00200	
25	02/28/18			0.159	0.00200	0.00200	0.00200	
26	05/24/18	0.00100			0.00100	0.00100	0.00100	
27	08/21/18			0.0137	0.00100	0.00100	0.00100	
28	12/05/18	0.00100		0.0157	0.00100	0.00100	0.00100	
29	02/25/19			0.113	0.00100	0.00100	0.00100	
30	05/22/19	0.00100		0.0915	0.00100	0.00100	0.00100	
31	08/21/19			0.274	0.00100	0.00100	0.00100	
32	12/10/19	0.00100		0.766	0.00100	0.00100	0.00100	
33	02/25/20			0.310	0.00100	0.00100	0.00100	
34	06/02/20	0.00100			0.00100	0.00100	0.00100	
35	09/21/20				0.00100	0.00100	0.00100	
36	11/13/20	0.00100			0.00100	0.00100	0.00100	
37	03/26/21				0.00100	0.00100	0.00100	
38	05/14/21	0.00100			0.00100	0.00100	0.00100	
39	09/08/21				0.00100		0.00100	
40	12/13/21	0.00100	0.138	0.00398	0.00150	0.00100	0.00100	
Coefficient of Variation:		0.32		1.70	3.00	0.32	1.79	
Mann-Kendall Statistic (S):		3		-18	-143	30	-265	
Confidence Factor:		52.6%		77.5%	95.1%	63.7%	99.9%	
Concentration Trend:		No Trend		No Trend	Decreasing	No Trend	Decreasing	



Notes:

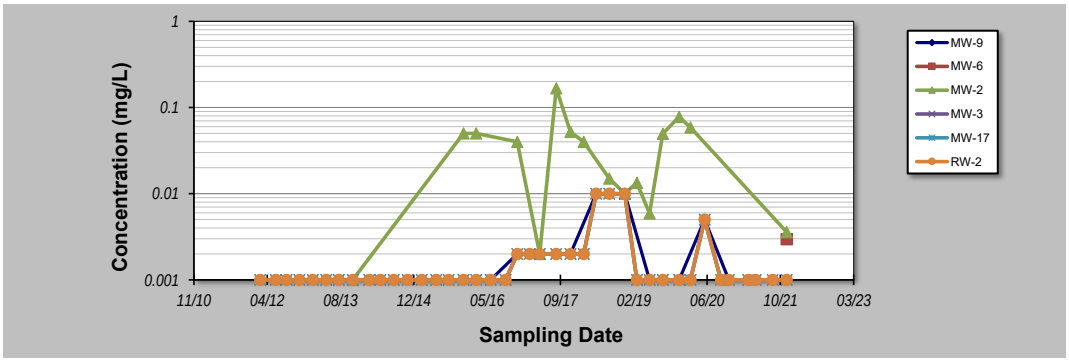
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

TABLE 8

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: HDO 90-23
Conducted By: TRC
Job ID: AP-003
Constituent: Toluene
Concentration Units: mg/L

Sampling Point ID:	MW-9	MW-6	MW-2	MW-3	MW-17	RW-2	
Sampling Event	Sampling Date	TOLUENE CONCENTRATION (mg/L)						
1	02/13/12				0.001	0.001	0.001	
2	05/29/12	0.001			0.001	0.001	0.001	
3	08/10/12				0.001	0.001	0.001	
4	11/06/12	0.001			0.001	0.001	0.001	
5	02/06/13				0.001	0.001	0.001	
6	05/08/13	0.001			0.001	0.001	0.001	
7	08/01/13				0.001	0.001	0.001	
8	11/05/13	0.001		0.00100	0.001	0.001	0.001	
9	02/26/14				0.00100	0.00100	0.00100	
10	05/12/14	0.00100			0.00100	0.00100	0.00100	
11	08/11/14				0.00100	0.00100	0.00100	
12	11/15/14	0.00100			0.00100	0.00100	0.00100	
13	02/18/15				0.00100	0.00100	0.00100	
14	05/28/15	0.00100			0.00100	0.00100	0.00100	
15	08/20/15				0.00100	0.00100	0.00100	
16	11/30/15	0.00100		0.0500	0.00100	0.00100	0.00100	
17	02/25/16			0.0500	0.00100	0.00100	0.00100	
18	06/02/16	0.00100			0.00100	0.00100	0.00100	
19	09/12/16				0.00100	0.00100	0.00100	
20	12/01/16	0.00200		0.0400	0.00200	0.00200	0.00200	
21	02/23/17				0.00200	0.00200	0.00200	
22	05/04/17	0.00200		0.00200	0.00200	0.00200	0.00200	
23	08/24/17			0.167	0.00200	0.00200	0.00200	
24	11/29/17	0.00200		0.0522	0.00200	0.00200	0.00200	
25	02/28/18			0.0400	0.00200	0.00200	0.00200	
26	05/24/18	0.0100			0.0100	0.0100	0.0100	
27	08/21/18			0.0150	0.0100	0.0100	0.0100	
28	12/05/18	0.0100		0.0100	0.0100	0.0100	0.0100	
29	02/25/19			0.0134	0.00100	0.00100	0.00100	
30	05/22/19	0.00100		0.00591	0.00100	0.00100	0.00100	
31	08/21/19			0.0496	0.00100	0.00100	0.00100	
32	12/10/19	0.00100		0.0779	0.00100	0.00100	0.00100	
33	02/25/20			0.0587	0.00100	0.00100	0.00100	
34	06/02/20	0.00500			0.00500	0.00500	0.00500	
35	09/21/20				0.00100	0.00100	0.00100	
36	11/13/20	0.00100			0.00100	0.00100	0.00100	
37	03/26/21				0.00100	0.00100	0.00100	
38	05/14/21	0.00100			0.00100	0.00100	0.00100	
39	09/08/21				0.00100		0.00100	
40	12/13/21	0.00100	0.00297	0.00359	0.00100	0.00100	0.00100	
Coefficient of Variation:		1.25		1.05	1.26	1.26	1.26	
Mann-Kendall Statistic (S):		35		0	111	121	111	
Confidence Factor:		86.3%		48.2%	89.9%	92.6%	89.9%	
Concentration Trend:		No Trend		No Trend	No Trend	Prob. Increasing	No Trend	



Notes:

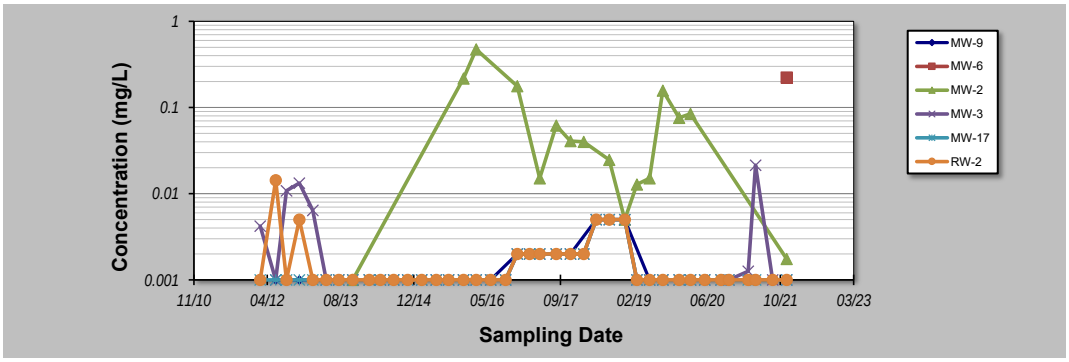
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

TABLE 9

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: HDO 90-23
Conducted By: TRC
Job ID: AP-003
Constituent: Ethylbenzene
Concentration Units: mg/L

Sampling Point ID:	MW-9	MW-6	MW-2	MW-3	MW-17	RW-2	
Sampling Event	Sampling Date	ETHYLBENZENE CONCENTRATION (mg/L)						
1	02/13/12				0.0042	0.001	0.001	
2	05/29/12	0.001			0.001	0.001	0.0143	
3	08/10/12				0.0108	0.001	0.001	
4	11/06/12	0.001			0.0133	0.001	0.0050	
5	02/06/13				0.00640	0.001	0.001	
6	05/08/13	0.001			0.00100	0.001	0.001	
7	08/01/13				0.00100	0.001	0.001	
8	11/05/13	0.001		0.00100	0.00100	0.001	0.001	
9	02/26/14				0.00100	0.00100	0.00100	
10	05/12/14	0.00100			0.00100	0.00100	0.00100	
11	08/11/14				0.00100	0.00100	0.00100	
12	11/15/14	0.00100			0.00100	0.00100	0.00100	
13	02/18/15				0.00100	0.00100	0.00100	
14	05/28/15	0.00100			0.00100	0.00100	0.00100	
15	08/20/15				0.00100	0.00100	0.00100	
16	11/30/15	0.00100		0.217	0.00100	0.00100	0.00100	
17	02/25/16			0.473	0.00100	0.00100	0.00100	
18	06/02/16	0.00100			0.00100	0.00100	0.00100	
19	09/12/16				0.00100	0.00100	0.00100	
20	12/01/16	0.00200		0.177	0.00200	0.00200	0.00200	
21	02/23/17				0.00200	0.00200	0.00200	
22	05/04/17	0.00200		0.0151	0.00200	0.00200	0.00200	
23	08/24/17			0.0617	0.00200	0.00200	0.00200	
24	11/29/17	0.00200		0.0408	0.00200	0.00200	0.00200	
25	02/28/18			0.0400	0.00200	0.00200	0.00200	
26	05/24/18	0.00500			0.00500	0.00500	0.00500	
27	08/21/18			0.0247	0.00500	0.00500	0.00500	
28	12/05/18	0.00500		0.00500	0.00500	0.00500	0.00500	
29	02/25/19			0.0128	0.00100	0.00100	0.00100	
30	05/22/19	0.00100		0.0151	0.00100	0.00100	0.00100	
31	08/21/19			0.157	0.00100	0.00100	0.00100	
32	12/10/19	0.00100		0.0758	0.00100	0.00100	0.00100	
33	02/25/20			0.0845	0.00100	0.00100	0.00100	
34	06/02/20	0.00100			0.00100	0.00100	0.00100	
35	09/21/20				0.00100	0.00100	0.00100	
36	11/13/20	0.00100			0.00100	0.00100	0.00100	
37	03/26/21				0.00126	0.00100	0.00100	
38	05/14/21	0.00100			0.0214	0.00100	0.00100	
39	09/08/21				0.00100		0.00100	
40	12/13/21	0.00100	0.223	0.00175	0.00100	0.00100	0.00100	
Coefficient of Variation:		0.80		1.40	1.48	0.75	1.25	
Mann-Kendall Statistic (S):		21		-23	-16	90	-5	
Confidence Factor:		74.0%		83.6%	56.9%	85.8%	51.9%	
Concentration Trend:		No Trend		No Trend	No Trend	No Trend	No Trend	



Notes:

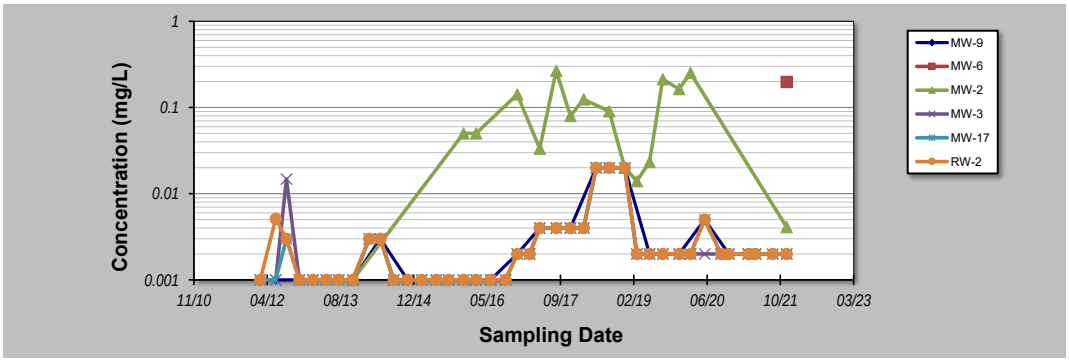
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

TABLE 10

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: HDO 90-23
Conducted By: TRC
Job ID: AP-003
Constituent: Xylene
Concentration Units: mg/L

Sampling Point ID:	MW-9	MW-6	MW-2	MW-3	MW-17	RW-2	
Sampling Event	Sampling Date	XYLENE CONCENTRATION (mg/L)						
1	02/13/12				0.001	0.001	0.001	
2	05/29/12	0.001			0.001	0.001	0.0051	
3	08/10/12				0.0148	0.003	0.003	
4	11/06/12	0.001			0.001	0.001	0.001	
5	02/06/13				0.001	0.001	0.001	
6	05/08/13	0.001			0.001	0.001	0.001	
7	08/01/13				0.001	0.001	0.001	
8	11/05/13	0.001		0.00100	0.001	0.001	0.001	
9	02/26/14				0.00300	0.00300	0.00300	
10	05/12/14	0.00300			0.00300	0.00300	0.00300	
11	08/11/14				0.00100	0.00100	0.00100	
12	11/15/14	0.00100			0.00100	0.00100	0.00100	
13	02/18/15				0.00100	0.00100	0.00100	
14	05/28/15	0.00100			0.00100	0.00100	0.00100	
15	08/20/15				0.00100	0.00100	0.00100	
16	11/30/15	0.00100		0.0500	0.00100	0.00100	0.00100	
17	02/25/16			0.0500	0.00100	0.00100	0.00100	
18	06/02/16	0.00100			0.00100	0.00100	0.00100	
19	09/12/16				0.00100	0.00100	0.00100	
20	12/01/16	0.00200		0.142	0.00200	0.00200	0.00200	
21	02/23/17				0.00200	0.00200	0.00200	
22	05/04/17	0.00400		0.0334	0.00400	0.00400	0.00400	
23	08/24/17			0.267	0.00400	0.00400	0.00400	
24	11/29/17	0.00400		0.0800	0.00400	0.00400	0.00400	
25	02/28/18			0.1242	0.00400	0.00400	0.00400	
26	05/24/18	0.0200			0.0200	0.0200	0.0200	
27	08/21/18			0.0906	0.0200	0.0200	0.0200	
28	12/05/18	0.0200		0.0200	0.0200	0.0200	0.0200	
29	02/25/19			0.0140	0.00200	0.00200	0.00200	
30	05/22/19	0.00200		0.02329	0.00200	0.00200	0.00200	
31	08/21/19			0.2130	0.00200	0.00200	0.00200	
32	12/10/19	0.00200		0.164	0.00200	0.00200	0.00200	
33	02/25/20			0.2522	0.00200	0.00200	0.00200	
34	06/02/20	0.00500			0.00200	0.00500	0.00500	
35	09/21/20				0.00200	0.00200	0.00200	
36	11/13/20	0.00200			0.00200	0.00200	0.00200	
37	03/26/21				0.00200	0.00200	0.00200	
38	05/14/21	0.00200			0.00200	0.00200	0.00200	
39	09/08/21				0.00200		0.00200	
40	12/13/21	0.00200	0.19839	0.00410	0.00200	0.00200	0.00200	
Coefficient of Variation:		1.49		0.93	1.49	1.50	1.45	
Mann-Kendall Statistic (S):		75		13	231	251	201	
Confidence Factor:		99.3%		70.3%	99.7%	99.9%	99.1%	
Concentration Trend:		Increasing		No Trend	Increasing	Increasing	Increasing	



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

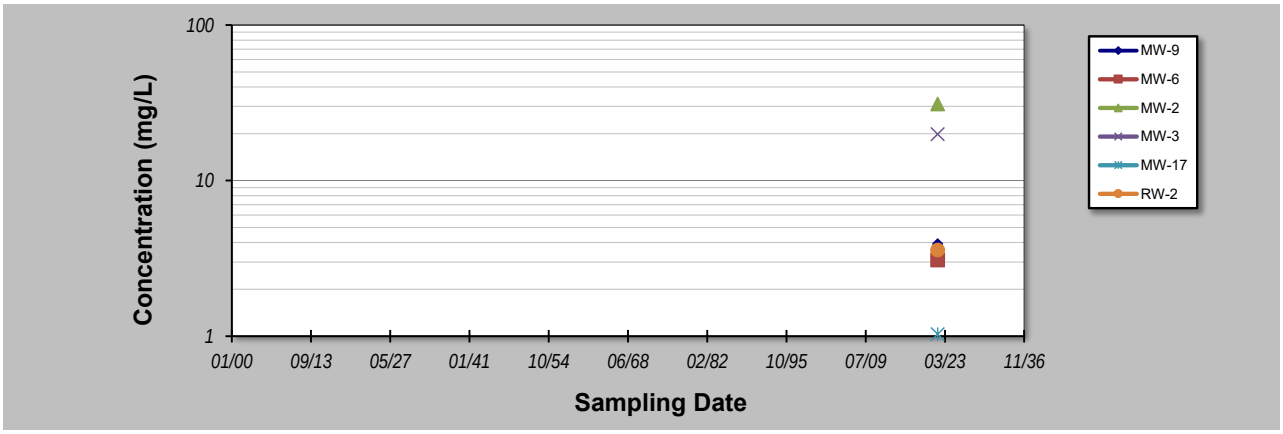
TABLE 11

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: HDO 90-23
Conducted By: TRC

Job ID: AP-003
Constituent: Total Organic Carbon (TOC)
Concentration Units: mg/L

Sampling Point ID:	MW-9	MW-6	MW-2	MW-3	MW-17	RW-2	
Sampling Event	Sampling Date	TOTAL ORGANIC CARBON (TOC) CONCENTRATION (mg/L)						
1	12/13/21	3.92	3.09	31.1	19.9	1.03	3.58	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:								
Mann-Kendall Statistic (S):								
Confidence Factor:								
Concentration Trend:								



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

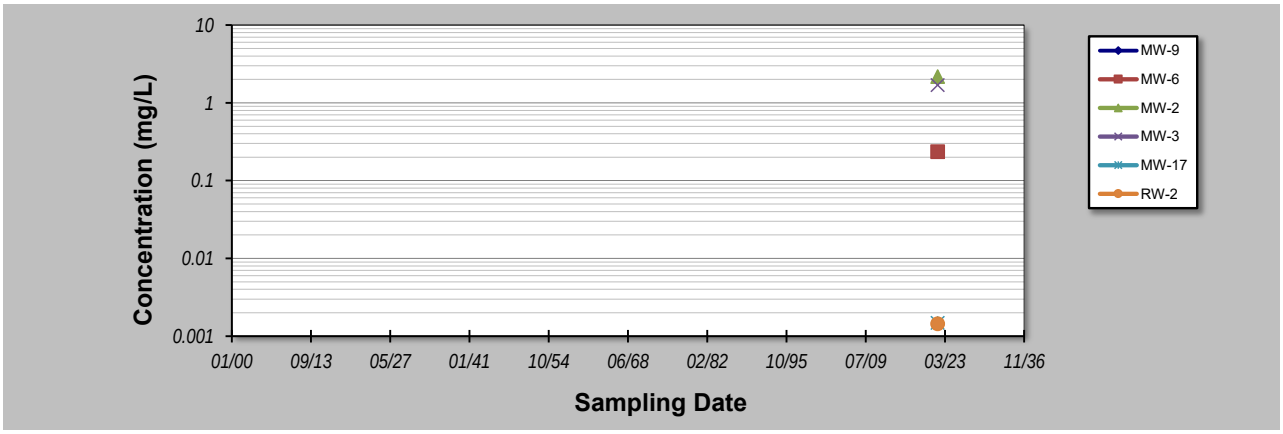
TABLE 12

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: HDO 90-23
Conducted By: TRC

Job ID: AP-003
Constituent: Dissolved Methane (RSK-175)
Concentration Units: mg/L

Sampling Point ID:	MW-9	MW-6	MW-2	MW-3	MW-17	RW-2	
Sampling Event	Sampling Date	DISSOLVED METHANE (RSK-175) CONCENTRATION (mg/L)						
1	12/13/21	0.00148	0.235	2.18	1.69	0.00148	0.00144	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:								
Mann-Kendall Statistic (S):								
Confidence Factor:								
Concentration Trend:								



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

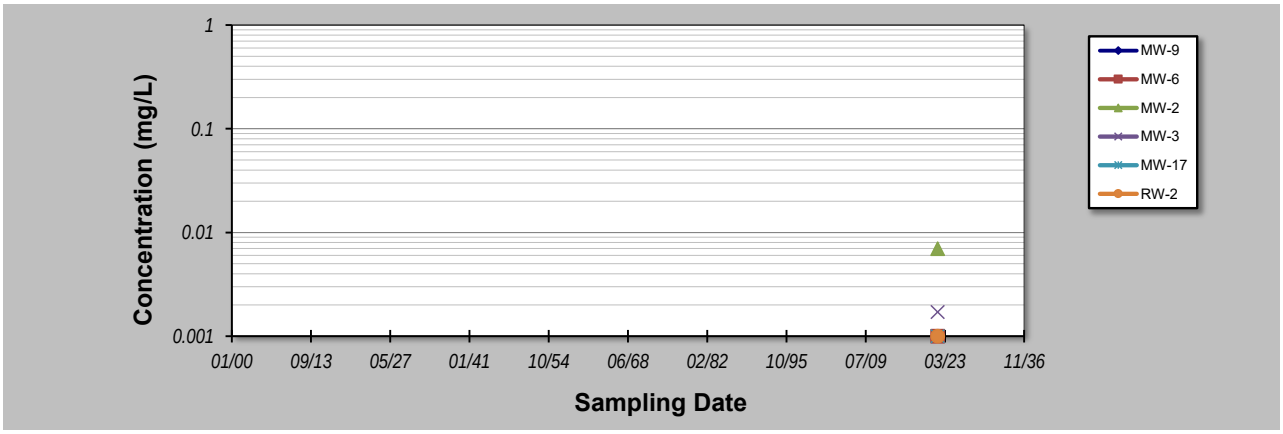
TABLE 13

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: HDO 90-23
Conducted By: TRC

Job ID: AP-003
Constituent: Dissolved Ethane (RSK-175)
Concentration Units: mg/L

Sampling Point ID:	MW-9	MW-6	MW-2	MW-3	MW-17	RW-2	
Sampling Event	Sampling Date	DISSOLVED ETHANE (RSK-175) CONCENTRATION (mg/L)						
1	12/13/21	0.00100	0.00100	0.00698	0.00171	0.00100	0.00100	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:								
Mann-Kendall Statistic (S):								
Confidence Factor:								
Concentration Trend:								



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

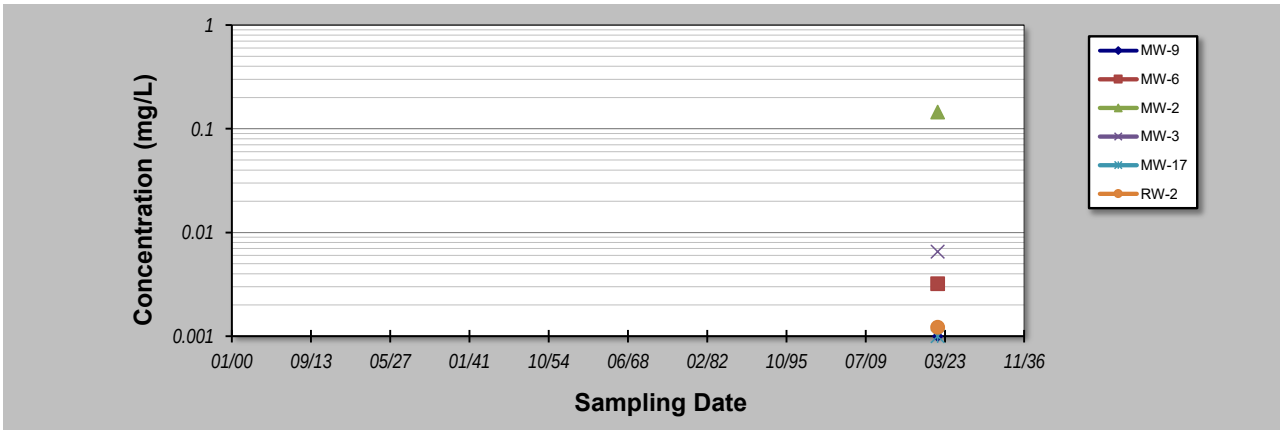
TABLE 14

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: HDO 90-23
Conducted By: TRC

Job ID: AP-003
Constituent: Dissolved Ethene (RSK-175)
Concentration Units: mg/L

Sampling Point ID:	MW-9	MW-6	MW-2	MW-3	MW-17	RW-2	
Sampling Event	Sampling Date	DISSOLVED ETHENE (RSK-175) CONCENTRATION (mg/L)						
1	12/13/21	0.00100	0.00320	0.145	0.00651	0.00100	0.00122	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:								
Mann-Kendall Statistic (S):								
Confidence Factor:								
Concentration Trend:								



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

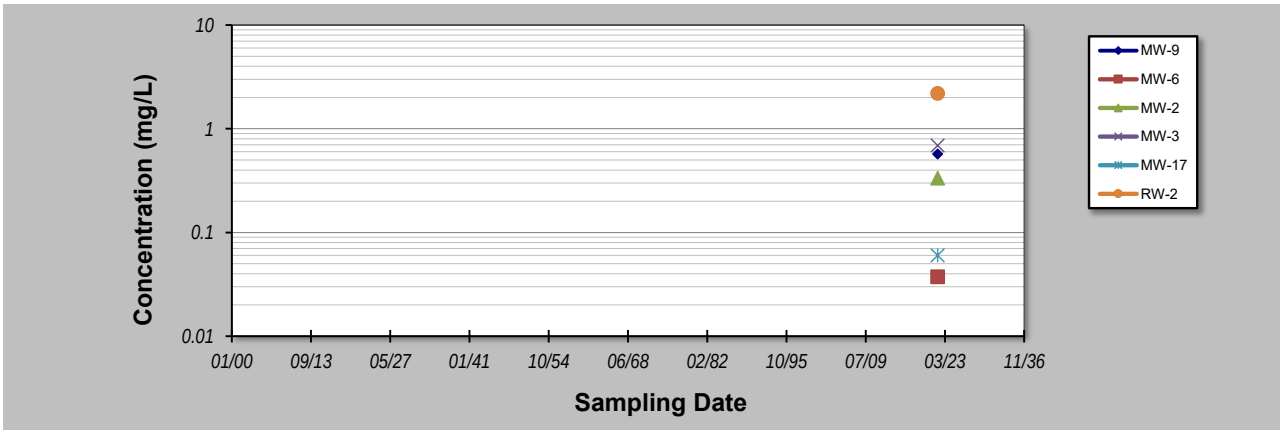
TABLE 15

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: HDO 90-23
Conducted By: TRC

Job ID: AP-003
Constituent: Dissolved Iron (filtered)
Concentration Units: mg/L

Sampling Point ID:	MW-9	MW-6	MW-2	MW-3	MW-17	RW-2	
Sampling Event	Sampling Date	DISSOLVED IRON (FILTERED) CONCENTRATION (mg/L)						
1	12/13/21	0.570	0.0374	0.333	0.689	0.0600	2.19	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:								
Mann-Kendall Statistic (S):								
Confidence Factor:								
Concentration Trend:								



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

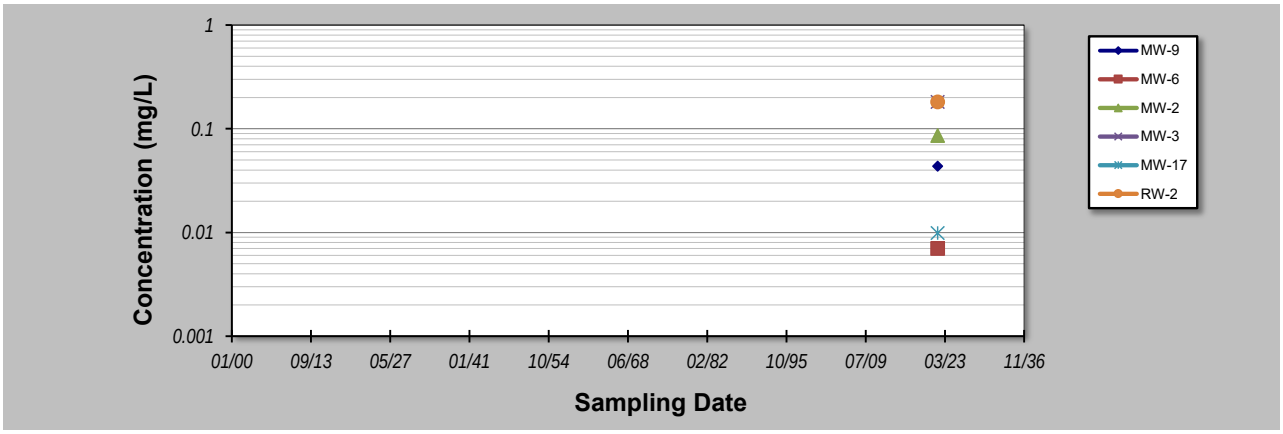
TABLE 16

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: HDO 90-23
Conducted By: TRC

Job ID: AP-003
Constituent: Dissolved Manganese (filtered)
Concentration Units: mg/L

Sampling Point ID:	MW-9	MW-6	MW-2	MW-3	MW-17	RW-2	
Sampling Event	Sampling Date	DISSOLVED MANGANESE (FILTERED) CONCENTRATION (mg/L)						
1	12/13/21	0.0435	0.00700	0.0859	0.181	0.00986	0.181	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:								
Mann-Kendall Statistic (S):								
Confidence Factor:								
Concentration Trend:								



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

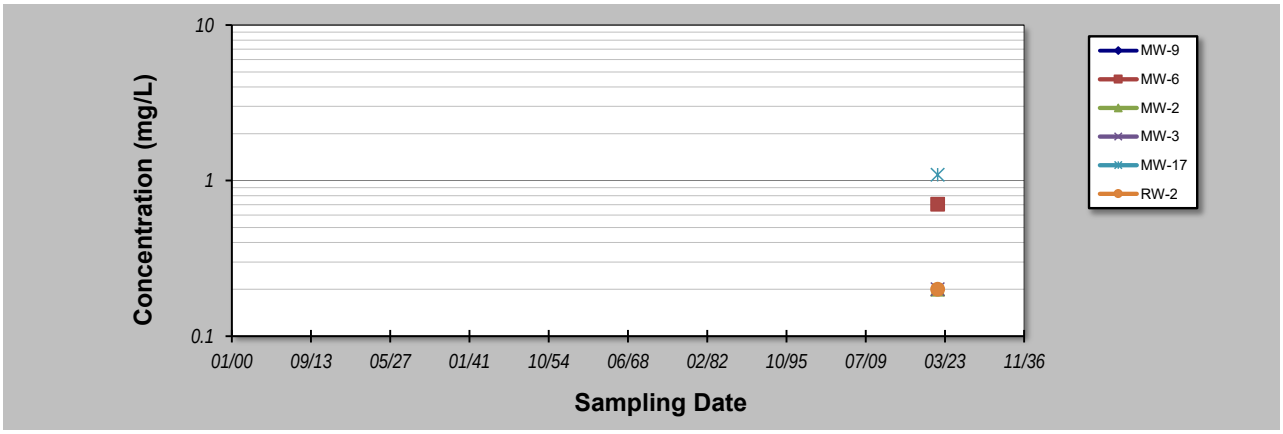
TABLE 17

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: HDO 90-23
Conducted By: TRC

Job ID: AP-003
Constituent: Nitrate
Concentration Units: mg/L

Sampling Point ID:	MW-9	MW-6	MW-2	MW-3	MW-17	RW-2	
Sampling Event	Sampling Date	NITRATE CONCENTRATION (mg/L)						
1	12/13/21	0.200	0.704	0.200	0.200	1.09	0.200	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:								
Mann-Kendall Statistic (S):								
Confidence Factor:								
Concentration Trend:								



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

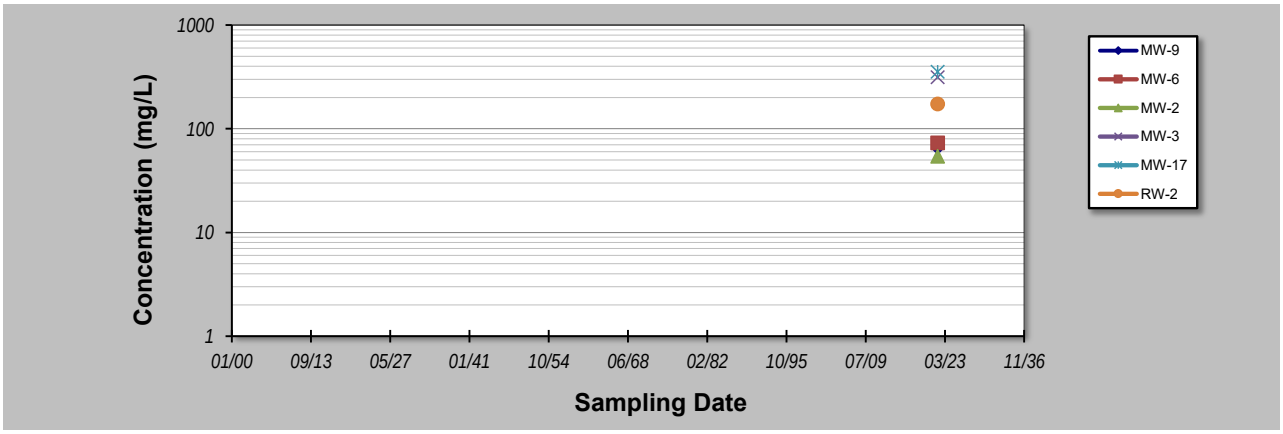
TABLE 18

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: HDO 90-23
Conducted By: TRC

Job ID: AP-003
Constituent: Sulfate
Concentration Units: mg/L

Sampling Point ID:	MW-9	MW-6	MW-2	MW-3	MW-17	RW-2	
Sampling Event	Sampling Date	SULFATE CONCENTRATION (mg/L)						
1	12/13/21	63.6	73.0	54.2	314	355	173	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:								
Mann-Kendall Statistic (S):								
Confidence Factor:								
Concentration Trend:								



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
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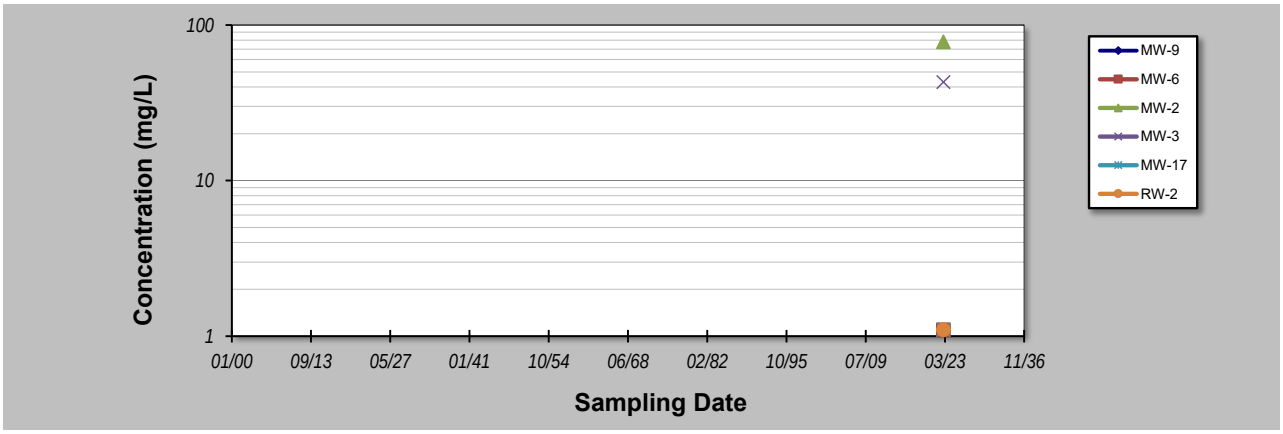
TABLE 19

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: HDO 90-23
Conducted By: TRC

Job ID: AP-003
Constituent: Chemical Oxygen Demand (COD)
Concentration Units: mg/L

Sampling Point ID:	MW-9	MW-6	MW-2	MW-3	MW-17	RW-2	
Sampling Event	Sampling Date	CHEMICAL OXYGEN DEMAND (COD) CONCENTRATION (mg/L)						
1	12/13/22	1.10	1.10	78.0	43.0	1.10	1.10	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:								
Mann-Kendall Statistic (S):								
Confidence Factor:								
Concentration Trend:								



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

APPENDICES

APPENDIX A:
2021 Laboratory Analytical Reports

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

PBELAB

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: 1C30003

NELAP/TCEQ # T104704516-17-8

Report Date: 04/12/21

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	1C30003-01	Water	03/26/21 12:00	03-30-2021 09:09
MW15	1C30003-02	Water	03/26/21 12:22	03-30-2021 09:09
MW14	1C30003-03	Water	03/26/21 12:51	03-30-2021 09:09
MW13	1C30003-04	Water	03/26/21 13:15	03-30-2021 09:09
MW12	1C30003-05	Water	03/26/21 13:38	03-30-2021 09:09
RW2	1C30003-06	Water	03/26/21 13:58	03-30-2021 09:09
MW3	1C30003-07	Water	03/26/21 14:20	03-30-2021 09:09
RW1	1C30003-08	Water	03/26/21 14:43	03-30-2021 09:09

TRC Solutions- Midland, Texas	Project: HDO	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23	
Midland TX, 79705	Project Manager: Curt Stanley	

MW17

1C30003-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*109 %*		*80-120*	*P1D0502*	*04/05/21*	*04/06/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*109 %*		*80-120*	*P1D0502*	*04/05/21*	*04/06/21*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23	
Midland TX, 79705	Project Manager: Curt Stanley	

MW15

1C30003-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P1D0502*	*04/05/21*	*04/06/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P1D0502*	*04/05/21*	*04/06/21*	*EPA 8021B*	

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

1C30003-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P1D0502*	*04/05/21*	*04/06/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P1D0502*	*04/05/21*	*04/06/21*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23	
Midland TX, 79705	Project Manager: Curt Stanley	

MW13

1C30003-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P1D0502*	*04/05/21*	*04/06/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P1D0502*	*04/05/21*	*04/06/21*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23	
Midland TX, 79705	Project Manager: Curt Stanley	

MW12

1C30003-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		*P1D0502*	*04/05/21*	*04/06/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P1D0502*	*04/05/21*	*04/06/21*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23	
Midland TX, 79705	Project Manager: Curt Stanley	

RW2

1C30003-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		*P1D0502*	*04/05/21*	*04/06/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P1D0502*	*04/05/21*	*04/06/21*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23	
Midland TX, 79705	Project Manager: Curt Stanley	

MW3

1C30003-07 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Ethylbenzene	**0.00126**	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		*P1D0502*	*04/05/21*	*04/06/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P1D0502*	*04/05/21*	*04/06/21*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23	
Midland TX, 79705	Project Manager: Curt Stanley	

RW1

1C30003-08 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0574**	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Toluene	**0.00160**	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Ethylbenzene	**0.00330**	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Xylene (p/m)	**0.00750**	0.00200	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P1D0502*	*04/05/21*	*04/06/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P1D0502*	*04/05/21*	*04/06/21*	*EPA 8021B*	

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
Batch P1D0502 - * DEFAULT PREP *** **										
Blank (P1D0502-BLK1)				Prepared: 04/05/21 Analyzed: 04/06/21						
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	*0.130*		"	*0.120*		*108*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.128*		"	*0.120*		*106*	*80-120*			
LCS (P1D0502-BS1)				Prepared: 04/05/21 Analyzed: 04/06/21						
Benzene	0.0943	0.00100	mg/L	0.100		94.3	80-120			
Toluene	0.0905	0.00100	"	0.100		90.5	80-120			
Ethylbenzene	0.0804	0.00100	"	0.100		80.4	80-120			
Xylene (p/m)	0.167	0.00200	"	0.200		83.3	80-120			
Xylene (o)	0.0815	0.00100	"	0.100		81.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.121*		"	*0.120*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.4*	*80-120*			
LCS Dup (P1D0502-BSD1)				Prepared: 04/05/21 Analyzed: 04/06/21						
Benzene	0.0908	0.00100	mg/L	0.100		90.8	80-120	3.76	20	
Toluene	0.0856	0.00100	"	0.100		85.6	80-120	5.49	20	
Ethylbenzene	0.0801	0.00100	"	0.100		80.1	80-120	0.486	20	
Xylene (p/m)	0.162	0.00200	"	0.200		80.9	80-120	2.86	20	
Xylene (o)	0.0800	0.00100	"	0.100		80.0	80-120	1.85	20	
Surrogate: 4-Bromofluorobenzene	*0.124*		"	*0.120*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.120*		*101*	*80-120*			
Calibration Blank (P1D0502-CCB1)				Prepared: 04/05/21 Analyzed: 04/06/21						
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.131*		"	*0.120*		*109*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.128*		"	*0.120*		*107*	*80-120*			

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
Batch P1D0502 - * DEFAULT PREP *** **										
Calibration Blank (P1D0502-CCB2)				Prepared: 04/05/21 Analyzed: 04/06/21						
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*105*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*80-120*			
Calibration Check (P1D0502-CCV1)				Prepared: 04/05/21 Analyzed: 04/06/21						
Benzene	0.0942	0.00100	mg/L	0.100		94.2	80-120			
Toluene	0.0892	0.00100	"	0.100		89.2	80-120			
Ethylbenzene	0.0861	0.00100	"	0.100		86.1	80-120			
Xylene (p/m)	0.177	0.00200	"	0.200		88.6	80-120			
Xylene (o)	0.0845	0.00100	"	0.100		84.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.124*		*"*	*0.120*		*104*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			
Calibration Check (P1D0502-CCV2)				Prepared: 04/05/21 Analyzed: 04/06/21						
Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0965	0.00100	"	0.100		96.5	80-120			
Ethylbenzene	0.0930	0.00100	"	0.100		93.0	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		95.9	80-120			
Xylene (o)	0.0895	0.00100	"	0.100		89.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			
Calibration Check (P1D0502-CCV3)				Prepared: 04/05/21 Analyzed: 04/06/21						
Benzene	0.0955	0.00100	mg/L	0.100		95.5	80-120			
Toluene	0.0914	0.00100	"	0.100		91.4	80-120			
Ethylbenzene	0.0874	0.00100	"	0.100		87.4	80-120			
Xylene (p/m)	0.181	0.00200	"	0.200		90.7	80-120			
Xylene (o)	0.0847	0.00100	"	0.100		84.7	80-120			
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*97.9*	*80-120*			

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
Batch P1D0502 - * DEFAULT PREP *** **										
Matrix Spike (P1D0502-MS1)	**Source: 1C26005-06**			Prepared: 04/05/21 Analyzed: 04/06/21						
Benzene	0.116	0.00100	mg/L	0.100	0.0341	81.8	80-120			
Toluene	0.0825	0.00100	"	0.100	0.00102	81.5	80-120			
Ethylbenzene	0.0734	0.00100	"	0.100	ND	73.4	80-120			QM-07
Xylene (p/m)	0.161	0.00200	"	0.200	ND	80.3	80-120			
Xylene (o)	0.0757	0.00100	"	0.100	ND	75.7	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*93.9*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.4*	*80-120*			
Matrix Spike Dup (P1D0502-MSD1)	**Source: 1C26005-06**			Prepared: 04/05/21 Analyzed: 04/06/21						
Benzene	0.120	0.00100	mg/L	0.100	0.0341	86.0	80-120	4.98	20	
Toluene	0.0865	0.00100	"	0.100	0.00102	85.5	80-120	4.84	20	
Ethylbenzene	0.0767	0.00100	"	0.100	ND	76.7	80-120	4.37	20	QM-07
Xylene (p/m)	0.169	0.00200	"	0.200	ND	84.5	80-120	5.04	20	
Xylene (o)	0.0781	0.00100	"	0.100	ND	78.1	80-120	3.09	20	QM-07
Surrogate: 4-Bromofluorobenzene	*0.116*		"	*0.120*		*96.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.2*	*80-120*			

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: Brent Barron Date: 4/12/2021

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager: Cut Stanley
Company Name: TRC
Company Address: 10 Desta Dr
City/State/Zip: Midland Tx 79705
Telephone No: 432) 520-7720
Fax No:
Sampler Signature:
e-mail:

Project Name: HDO
Project #:
Project Loc:
PO #:
Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 1C30003

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TPH: TX 1005 TX 1006	Anions (Cl, SO4, Alkalinity)	BTEX 8021B/5030 or BTEX 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW 17			3-26-21	1200			X		X						GW			X		X
2	MW 15				1222																
3	MW 14				1251																
4	MW 13				1315																
5	MW 12				1338																
6	RW 2				1358																
7	MW 3				1420																
8	RW 1				1443																

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	3-30-21	9:09			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL	3/30/21	9:09

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Labels on container(s) Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered Y N
by Sampler/Client Rep.? Y N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt:
Received 4.2 °C CF=1
Adjusted 4.2 °C Factor: 1.0

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

PBELAB

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: 1E19002

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 06/02/21

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW9	1E19002-01	Water	05/14/21 10:48	05-19-2021 09:00
MW5	1E19002-02	Water	05/14/21 11:25	05-19-2021 09:00
MW4	1E19002-03	Water	05/14/21 11:44	05-19-2021 09:00
MW17	1E19002-04	Water	05/14/21 12:09	05-19-2021 09:00
MW15	1E19002-05	Water	05/14/21 12:31	05-19-2021 09:00
MW14	1E19002-06	Water	05/14/21 12:49	05-19-2021 09:00
MW13	1E19002-07	Water	05/14/21 13:05	05-19-2021 09:00
MW12	1E19002-08	Water	05/14/21 13:27	05-19-2021 09:00
RW2	1E19002-09	Water	05/14/21 13:49	05-19-2021 09:00
MW3	1E19002-10	Water	05/14/21 14:12	05-19-2021 09:00
RW1	1E19002-11	Water	05/14/21 14:35	05-19-2021 09:00

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

MW9

1E19002-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 18:52	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 18:52	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 18:52	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 18:52	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 18:52	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.0 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 18:52*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 18:52*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

MW5

1E19002-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 19:12	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 19:12	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 19:12	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 19:12	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 19:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.5 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 19:12*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 19:12*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

MW4

1E19002-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 19:33	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 19:33	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 19:33	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 19:33	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 19:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.2 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 19:33*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.7 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 19:33*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

MW17

1E19002-04 (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	P1E1910	05/19/21 14:23	05/19/21 19:53	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 19:53	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 19:53	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 19:53	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 19:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.8 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 19:53*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.5 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 19:53*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

MW15

1E19002-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 20:14	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 20:14	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 20:14	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 20:14	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 20:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 20:14*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 20:14*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

MW14

1E19002-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 20:34	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 20:34	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 20:34	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 20:34	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 20:34	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.8 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 20:34*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 20:34*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

MW13

1E19002-07 (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	P1E1910	05/19/21 14:23	05/19/21 21:36	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 21:36	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 21:36	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 21:36	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 21:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.9 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 21:36*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.2 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 21:36*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

MW12

1E19002-08 (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	P1E1910	05/19/21 14:23	05/19/21 21:57	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 21:57	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 21:57	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 21:57	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 21:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.3 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 21:57*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.4 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 21:57*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

RW2

1E19002-09 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 22:17	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 22:17	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 22:17	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 22:17	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 22:17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.7 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 22:17*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.7 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 22:17*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

MW3

1E19002-10 (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	P1E1910	05/19/21 14:23	05/19/21 22:38	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 22:38	EPA 8021B	
Ethylbenzene	**0.0214**	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 22:38	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 22:38	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 22:38	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.6 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 22:38*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 22:38*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

RW1

1E19002-11 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0732**	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 22:58	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 22:58	EPA 8021B	
Ethylbenzene	**0.00317**	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 22:58	EPA 8021B	
Xylene (p/m)	**0.00205**	0.00200	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 22:58	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 22:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 22:58*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 22:58*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

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
Batch P1E1910 - * DEFAULT PREP *** **										
Blank (P1E1910-BLK1)				Prepared & Analyzed: 05/19/21						
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	*0.114*		"	*0.120*		*94.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.4*	*80-120*			
LCS (P1E1910-BS1)				Prepared & Analyzed: 05/19/21						
Benzene	0.110	0.00100	mg/L	0.100		110	80-120			
Toluene	0.0956	0.00100	"	0.100		95.6	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200		102	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.2*	*80-120*			
LCS Dup (P1E1910-BSD1)				Prepared & Analyzed: 05/19/21						
Benzene	0.114	0.00100	mg/L	0.100		114	80-120	3.66	20	
Toluene	0.0999	0.00100	"	0.100		99.9	80-120	4.32	20	
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120	4.65	20	
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120	4.23	20	
Xylene (o)	0.108	0.00100	"	0.100		108	80-120	4.25	20	
Surrogate: 4-Bromofluorobenzene	*0.120*		"	*0.120*		*99.9*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.120*		*101*	*80-120*			
Calibration Blank (P1E1910-CCB1)				Prepared & Analyzed: 05/19/21						
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.116*		"	*0.120*		*96.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*98.8*	*80-120*			

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

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
Batch P1E1910 - * DEFAULT PREP *** **										
Calibration Blank (P1E1910-CCB2)				Prepared & Analyzed: 05/19/21						
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.114*		*"*	*0.120*		*94.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			
Calibration Check (P1E1910-CCV1)				Prepared & Analyzed: 05/19/21						
Benzene	0.109	0.00100	mg/L	0.100		109	80-120			
Toluene	0.0944	0.00100	"	0.100		94.4	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			
Calibration Check (P1E1910-CCV2)				Prepared & Analyzed: 05/19/21						
Benzene	0.114	0.00100	mg/L	0.100		114	80-120			
Toluene	0.0978	0.00100	"	0.100		97.8	80-120			
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*98.9*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*103*	*80-120*			
Calibration Check (P1E1910-CCV3)				Prepared: 05/19/21 Analyzed: 05/20/21						
Benzene	0.114	0.00100	mg/L	0.100		114	80-120			
Toluene	0.0991	0.00100	"	0.100		99.1	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120			
Xylene (o)	0.111	0.00100	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

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
Batch P1E1910 - * DEFAULT PREP *** **										
Matrix Spike (P1E1910-MS1)	**Source: 1E19001-01**			Prepared & Analyzed: 05/19/21						
Benzene	0.118	0.00100	mg/L	0.100	ND	118	80-120			
Toluene	0.103	0.00100	"	0.100	ND	103	80-120			
Ethylbenzene	0.111	0.00100	"	0.100	ND	111	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200	ND	110	80-120			
Xylene (o)	0.112	0.00100	"	0.100	ND	112	80-120			
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*101*	*80-120*			
Matrix Spike Dup (P1E1910-MSD1)	**Source: 1E19001-01**			Prepared & Analyzed: 05/19/21						
Benzene	0.118	0.00100	mg/L	0.100	ND	118	80-120	0.0338	20	
Toluene	0.102	0.00100	"	0.100	ND	102	80-120	1.28	20	
Ethylbenzene	0.109	0.00100	"	0.100	ND	109	80-120	1.47	20	
Xylene (p/m)	0.217	0.00200	"	0.200	ND	108	80-120	1.64	20	
Xylene (o)	0.110	0.00100	"	0.100	ND	110	80-120	1.60	20	
Surrogate: 4-Bromofluorobenzene	*0.124*		*"*	*0.120*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

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: Brent Barron Date: 6/2/2021

Brent Barron, Laboratory Director/Technical Director

PBEL LAB

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 Stanley
Company Name: TRC
Company Address: 10 Desta Dr
City/State/Zip: Midland Tx 79705
Telephone No: 432) 520-7720 Fax No:
Sampler Signature:
e-mail:

Project Name: #50
Project #:
Project Loc:
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 1E19002

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TPH by TX 1005 8015B 8015M	Chloride	BTEX by 8021B	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW 9			5-14-21	1048			X		X						GW		X			
2	MW 5				1125																
3	MW 4				1144																
4	MW 17				1209																
5	MW 15				1231																
6	MW 14				1249																
7	MW 13				1305																
8	MW 12				1327																
9	RW 2				1349																
10	MW 3				1412																
11	RW 1				1435																

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	5-19-21	9:00			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
			Teresa Bledsoe	5/19/21	9:00

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star	Y	N

Temperature Upon Receipt:
Received: 4.2 °C
Adjusted: 5.2 °C Factor +1.2

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

PBELAB

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: 1I09005

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 09/15/21

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
RW2	1I09005-01	Water	09/08/21 10:31	09-09-2021 09:01
MW3	1I09005-02	Water	09/08/21 10:49	09-09-2021 09:01
RW1	1I09005-03	Water	09/08/21 11:22	09-09-2021 09:01

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

RW2

1I09005-01 (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	P1I1003	09/10/21 10:35	09/10/21 21:05	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1I1003	09/10/21 10:35	09/10/21 21:05	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1I1003	09/10/21 10:35	09/10/21 21:05	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1I1003	09/10/21 10:35	09/10/21 21:05	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1I1003	09/10/21 10:35	09/10/21 21:05	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.5 %*	*80-120*		*P1I1003*	*09/10/21 10:35*	*09/10/21 21:05*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P1I1003*	*09/10/21 10:35*	*09/10/21 21:05*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

MW3

1I09005-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1I1003	09/10/21 10:35	09/10/21 21:26	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1I1003	09/10/21 10:35	09/10/21 21:26	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1I1003	09/10/21 10:35	09/10/21 21:26	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1I1003	09/10/21 10:35	09/10/21 21:26	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1I1003	09/10/21 10:35	09/10/21 21:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.5 %*	*80-120*		*P1I1003*	*09/10/21 10:35*	*09/10/21 21:26*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P1I1003*	*09/10/21 10:35*	*09/10/21 21:26*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

RW1

1I09005-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	**0.0516**	0.00100	mg/L	1	P1I1003	09/10/21 10:35	09/10/21 21:46	EPA 8021B	
Toluene	**0.00264**	0.00100	mg/L	1	P1I1003	09/10/21 10:35	09/10/21 21:46	EPA 8021B	
Ethylbenzene	**0.00342**	0.00100	mg/L	1	P1I1003	09/10/21 10:35	09/10/21 21:46	EPA 8021B	
Xylene (p/m)	**0.00282**	0.00200	mg/L	1	P1I1003	09/10/21 10:35	09/10/21 21:46	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1I1003	09/10/21 10:35	09/10/21 21:46	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*89.9 %*	*80-120*		*P1I1003*	*09/10/21 10:35*	*09/10/21 21:46*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.6 %*	*80-120*		*P1I1003*	*09/10/21 10:35*	*09/10/21 21:46*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

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
Batch P1I1003 - * DEFAULT PREP *** **										
Blank (P1I1003-BLK1)				Prepared & Analyzed: 09/10/21						
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*		*93.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.124*		"	*0.120*		*103*	*80-120*			
LCS (P1I1003-BS1)				Prepared & Analyzed: 09/10/21						
Benzene	0.108	0.00100	mg/L	0.100		108	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.209	0.00200	"	0.200		105	80-120			
Xylene (o)	0.0930	0.00100	"	0.100		93.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.105*		"	*0.120*		*87.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.115*		"	*0.120*		*96.0*	*80-120*			
LCS Dup (P1I1003-BSD1)				Prepared & Analyzed: 09/10/21						
Benzene	0.108	0.00100	mg/L	0.100		108	80-120	0.731	20	
Toluene	0.105	0.00100	"	0.100		105	80-120	0.852	20	
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120	1.33	20	
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120	1.64	20	
Xylene (o)	0.0922	0.00100	"	0.100		92.2	80-120	0.788	20	
Surrogate: 4-Bromofluorobenzene	*0.107*		"	*0.120*		*89.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.8*	*80-120*			
Calibration Blank (P1I1003-CCB1)				Prepared & Analyzed: 09/10/21						
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	1.09		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*95.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.125*		"	*0.120*		*105*	*80-120*			

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

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
Batch P1I1003 - * DEFAULT PREP *** **										
Calibration Blank (P1I1003-CCB2)				Prepared & Analyzed: 09/10/21						
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.420		"							
Xylene (p/m)	0.900		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.127*		*"*	*0.120*		*106*	*80-120*			
Calibration Check (P1I1003-CCV1)				Prepared & Analyzed: 09/10/21						
Benzene	0.105	0.00100	mg/L	0.100		105	80-120			
Toluene	0.104	0.00100	"	0.100		104	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)	0.0933	0.00100	"	0.100		93.3	80-120			
Surrogate: 4-Bromofluorobenzene	*0.105*		*"*	*0.120*		*87.9*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*94.6*	*80-120*			
Calibration Check (P1I1003-CCV2)				Prepared & Analyzed: 09/10/21						
Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.200	0.00200	"	0.200		99.8	80-120			
Xylene (o)	0.0915	0.00100	"	0.100		91.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.107*		*"*	*0.120*		*89.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*95.3*	*80-120*			
Calibration Check (P1I1003-CCV3)				Prepared & Analyzed: 09/10/21						
Benzene	0.111	0.00100	mg/L	0.100		111	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.212	0.00200	"	0.200		106	80-120			
Xylene (o)	0.0973	0.00100	"	0.100		97.3	80-120			
Surrogate: 4-Bromofluorobenzene	*0.106*		*"*	*0.120*		*88.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.9*	*80-120*			

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

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
Batch P1I1003 - * DEFAULT PREP *** **										
Matrix Spike (P1I1003-MS1)	**Source: 1I09003-01**			Prepared & Analyzed: 09/10/21						
Benzene	0.124	0.00100	mg/L	0.100	ND	124	80-120			QM-07
Toluene	0.116	0.00100	"	0.100	ND	116	80-120			
Ethylbenzene	0.116	0.00100	"	0.100	ND	116	80-120			
Xylene (p/m)	0.232	0.00200	"	0.200	ND	116	80-120			
Xylene (o)	0.107	0.00100	"	0.100	ND	107	80-120			
Surrogate: 4-Bromofluorobenzene	*0.108*		*"*	*0.120*		*89.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.1*	*80-120*			
Matrix Spike Dup (P1I1003-MSD1)	**Source: 1I09003-01**			Prepared & Analyzed: 09/10/21						
Benzene	0.116	0.00100	mg/L	0.100	ND	116	80-120	6.64	20	
Toluene	0.111	0.00100	"	0.100	ND	111	80-120	4.17	20	
Ethylbenzene	0.110	0.00100	"	0.100	ND	110	80-120	5.19	20	
Xylene (p/m)	0.221	0.00200	"	0.200	ND	111	80-120	4.90	20	
Xylene (o)	0.100	0.00100	"	0.100	ND	100	80-120	6.27	20	
Surrogate: 4-Bromofluorobenzene	*0.107*		*"*	*0.120*		*89.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.6*	*80-120*			

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

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.
pH1	The Regulatory Holding time for pH is < 1 Hour, Analysis should be done in the field.
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: 9/15/2021

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.

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager: Curt Stanley
Company Name: TRC
Company Address: 10 Desta Dr
City/State/Zip: Midland TX 79705
Telephone No: 432-520-7720 Fax No:
Sampler Signature: Manny e-mail:

Project Name: HDO
Project #:
Project Loc:
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 1I09005

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: TX 1005 TX 1006	Anions (Cl, SO4, Alkalinity)	BTEX 8021B/5030 or BTEX 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	RW2			9-8-21	1031			X		X						GW			X		X
2	MW3				1049																
3	RW1				1122																

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	9-9-21	9:01			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				9/9/21	9:01

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 4.8 °C
Adjusted 5.0 °C Factor: 0.2 CF+1

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

PBELAB

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: Lea County, NM

Lab Order Number: 1L14001

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 01/12/22

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-16	1L14001-01	Water	12/08/21 13:00	12-14-2021 09:07
MW-8	1L14001-02	Water	12/08/21 13:45	12-14-2021 09:07
MW-2	1L14001-03	Water	12/13/21 14:43	12-14-2021 09:07
RW-2	1L14001-04	Water	12/13/21 12:32	12-14-2021 09:07
MW-9	1L14001-05	Water	12/13/21 12:04	12-14-2021 09:07
MW-6	1L14001-06	Water	12/13/21 15:17	12-14-2021 09:07
MW-17	1L14001-07	Water	12/13/21 11:22	12-14-2021 09:07
MW-3	1L14001-08	Water	12/13/21 13:15	12-14-2021 09:07

TOC, RSK-175, and PAH analysis were subcontracted to ALS Houston. Their report is attached after the Chain of Custody. Their TCEQ TNI certification number can be found here:
https://www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/labs/als_svcs_houston.pdf

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

MW-16

1L14001-01 (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	P1L1504	12/15/21 15:28	12/15/21 18:40	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 18:40	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 18:40	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 18:40	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 18:40	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.0 %*	*80-120*		*P1L1504*	*12/15/21 15:28*	*12/15/21 18:40*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.0 %*	*80-120*		*P1L1504*	*12/15/21 15:28*	*12/15/21 18:40*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

MW-8

1L14001-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 19:01	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 19:01	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 19:01	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 19:01	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 19:01	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*80-120*		*P1L1504*	*12/15/21 15:28*	*12/15/21 19:01*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.4 %*	*80-120*		*P1L1504*	*12/15/21 15:28*	*12/15/21 19:01*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

MW-2

1L14001-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00398**	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 19:22	EPA 8021B	
Toluene	**0.00359**	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 19:22	EPA 8021B	
Ethylbenzene	**0.00175**	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 19:22	EPA 8021B	
Xylene (p/m)	**0.00410**	0.00200	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 19:22	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 19:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.5 %*	*80-120*		*P1L1504*	*12/15/21 15:28*	*12/15/21 19:22*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*93.7 %*	*80-120*		*P1L1504*	*12/15/21 15:28*	*12/15/21 19:22*	*EPA 8021B*	
Methane	**2.18**	0.0500	mg/L	1	P2A0601	12/21/21 14:06	12/21/21 14:06	8015M	SUB-13
Ethane	**0.00698**	0.00100	mg/L	1	P2A0601	12/21/21 14:06	12/21/21 09:34	8015M	SUB-13
Ethene	**0.145**	0.100	mg/L	1	P2A0601	12/21/21 14:06	12/21/21 14:06	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**78.0**	1.10	mg/L	1	P1L2201	12/22/21 16:50	12/22/21 16:50	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P1L1410	12/14/21 13:45	12/14/21 15:45	EPA 300.0	
Sulfate	**54.2**	1.00	mg/L	1	P1L1410	12/14/21 13:45	12/14/21 15:45	EPA 300.0	
Total Organic Carbon	**31.1**	10.0	mg/L	1	P2A0601	12/16/21 21:36	12/16/21 21:36	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**0.333**	0.0200	mg/L	1	P1L1411	12/14/21 15:19	12/16/21 12:21	EPA 6010B	QAL1
Manganese	**0.0859**	0.0200	mg/L	1	P1L1411	12/14/21 15:19	12/16/21 12:21	EPA 6010B	QAL1
PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	**0.032**	0.00099	mg/L	1	P2A0601	12/16/21 17:00	01/05/22 14:25	8270C	SUB-13
2-Methylnaphthalene	**0.026**	0.00099	mg/L	1	P2A0601	12/16/21 17:00	01/05/22 14:25	8270C	SUB-13
Acenaphthene	**0.0017**	0.000099	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:39	8270C	SUB-13
Acenaphthylene	**0.00066**	0.000099	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:39	8270C	SUB-13
Anthracene	**0.00011**	0.000099	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:39	8270C	SUB-13
Benzo (a) anthracene	ND	0.000099	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:39	8270C	SUB-13
Benzo (a) pyrene	ND	0.000099	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:39	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.000099	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:39	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.000099	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:39	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.000099	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:39	8270C	SUB-13
Chrysene	ND	0.000099	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:39	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.000099	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:39	8270C	SUB-13
Dibenzofuran	**0.0040**	0.000099	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:39	8270C	SUB-13
Fluoranthene	ND	0.000099	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:39	8270C	SUB-13
Fluorene	**0.0030**	0.000099	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:39	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.000099	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:39	8270C	SUB-13
Naphthalene	**0.027**	0.00099	mg/L	1	P2A0601	12/16/21 17:00	01/05/22 14:25	8270C	SUB-13
Phenanthrene	**0.0028**	0.000099	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:39	8270C	SUB-13
Pyrene	ND	0.000099	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:39	8270C	SUB-13

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

RW-2

1L14001-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 19:43	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 19:43	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 19:43	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 19:43	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 19:43	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.6 %*	*80-120*		*P1L1504*	*12/15/21 15:28*	*12/15/21 19:43*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.5 %*	*80-120*		*P1L1504*	*12/15/21 15:28*	*12/15/21 19:43*	*EPA 8021B*	
Methane	**0.00144**	0.000500	mg/L	1	P2A0601	12/21/21 09:42	12/21/21 09:42	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P2A0601	12/21/21 09:42	12/21/21 09:42	8015M	SUB-13
Ethene	**0.00122**	0.00100	mg/L	1	P2A0601	12/21/21 09:42	12/21/21 09:42	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	ND	1.10	mg/L	1	P1L2201	12/22/21 16:50	12/22/21 16:50	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P1L1410	12/14/21 13:45	12/14/21 16:42	EPA 300.0	
Sulfate	**173**	1.00	mg/L	1	P1L1410	12/14/21 13:45	12/14/21 16:42	EPA 300.0	
Total Organic Carbon	**3.58**	1.00	mg/L	1	P2A0601	12/23/21 00:01	12/23/21 00:01	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**2.19**	0.0200	mg/L	1	P1L1411	12/14/21 15:19	12/16/21 12:25	EPA 6010B	QAL1
Manganese	**0.181**	0.0200	mg/L	1	P1L1411	12/14/21 15:19	12/16/21 12:25	EPA 6010B	QAL1

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

MW-9

1L14001-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 20:04	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 20:04	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 20:04	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 20:04	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 20:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.5 %*	*80-120*		*P1L1504*	*12/15/21 15:28*	*12/15/21 20:04*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.7 %*	*80-120*		*P1L1504*	*12/15/21 15:28*	*12/15/21 20:04*	*EPA 8021B*	
Methane	**0.00148**	0.000500	mg/L	1	P2A0601	12/21/21 09:50	12/21/21 09:50	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P2A0601	12/21/21 09:50	12/21/21 09:50	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P2A0601	12/21/21 09:50	12/21/21 09:50	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	ND	1.10	mg/L	1	P1L2201	12/22/21 16:50	12/22/21 16:50	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P1L1410	12/14/21 13:45	12/14/21 17:01	EPA 300.0	
Sulfate	**63.6**	1.00	mg/L	1	P1L1410	12/14/21 13:45	12/14/21 17:01	EPA 300.0	
Total Organic Carbon	**3.92**	1.00	mg/L	1	P2A0601	12/23/21 00:17	12/23/21 00:17	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**0.570**	0.0200	mg/L	1	P1L1411	12/14/21 15:19	12/16/21 12:29	EPA 6010B	QAL1
Manganese	**0.0435**	0.0200	mg/L	1	P1L1411	12/14/21 15:19	12/16/21 12:29	EPA 6010B	QAL1

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

MW-6

1L14001-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.138**	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 20:25	EPA 8021B	
Toluene	**0.00297**	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 20:25	EPA 8021B	
Ethylbenzene	**0.223**	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 20:25	EPA 8021B	
Xylene (p/m)	**0.193**	0.00200	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 20:25	EPA 8021B	
Xylene (o)	**0.00539**	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 20:25	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.2 %*	*80-120*		*P1L1504*	*12/15/21 15:28*	*12/15/21 20:25*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*93.7 %*	*80-120*		*P1L1504*	*12/15/21 15:28*	*12/15/21 20:25*	*EPA 8021B*	
Methane	**0.235**	0.00500	mg/L	1	P2A0601	12/21/21 09:58	12/21/21 14:38	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P2A0601	12/21/21 09:58	12/21/21 09:58	8015M	SUB-13
Ethene	**0.00320**	0.00100	mg/L	1	P2A0601	12/21/21 09:58	12/21/21 09:58	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	ND	1.10	mg/L	1	P1L2201	12/22/21 16:50	12/22/21 16:50	8000	QAL1
Nitrate as N	**0.704**	0.200	mg/L	1	P1L1410	12/14/21 13:45	12/14/21 17:20	EPA 300.0	
Sulfate	**73.0**	1.00	mg/L	1	P1L1410	12/14/21 13:45	12/14/21 17:20	EPA 300.0	
Total Organic Carbon	**3.09**	1.00	mg/L	1	P2A0601	12/23/21 00:33	12/23/21 00:33	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**0.0374**	0.0200	mg/L	1	P1L1411	12/14/21 15:19	12/16/21 12:33	EPA 6010B	QAL1
Manganese	**0.00700**	0.0200	mg/L	1	P1L1411	12/14/21 15:19	12/16/21 12:33	EPA 6010B	J, QAL1
PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	**0.0076**	0.00010	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:59	8270C	SUB-13
2-Methylnaphthalene	**0.0066**	0.00010	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:59	8270C	SUB-13
Acenaphthene	**0.00080**	0.00010	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:59	8270C	SUB-13
Acenaphthylene	**0.00014**	0.00010	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:59	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:59	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:59	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:59	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:59	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:59	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:59	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:59	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:59	8270C	SUB-13
Dibenzofuran	**0.0012**	0.00010	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:59	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:59	8270C	SUB-13
Fluorene	**0.00097**	0.00010	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:59	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:59	8270C	SUB-13
Naphthalene	**0.0064**	0.00010	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:59	8270C	SUB-13
Phenanthrene	**0.0011**	0.00010	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:59	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P2A0601	12/16/21 17:00	12/28/21 19:59	8270C	SUB-13

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

MW-17

1L14001-07 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 20:46	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 20:46	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 20:46	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 20:46	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 20:46	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.9 %*	*80-120*		*P1L1504*	*12/15/21 15:28*	*12/15/21 20:46*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.3 %*	*80-120*		*P1L1504*	*12/15/21 15:28*	*12/15/21 20:46*	*EPA 8021B*	
Methane	**0.00148**	0.000500	mg/L	1	P2A0601	12/21/21 10:09	12/21/21 10:09	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P2A0601	12/21/21 10:09	12/21/21 10:09	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P2A0601	12/21/21 10:09	12/21/21 10:09	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	ND	1.10	mg/L	1	P1L2201	12/22/21 16:50	12/22/21 16:50	8000	QAL1
Nitrate as N	**1.09**	0.200	mg/L	1	P1L1410	12/14/21 13:45	12/14/21 17:39	EPA 300.0	
Sulfate	**355**	5.00	mg/L	5	P1L1410	12/14/21 13:45	12/15/21 09:07	EPA 300.0	
Total Organic Carbon	**1.03**	1.00	mg/L	1	P2A0601	12/23/21 02:56	12/23/21 02:56	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**0.0600**	0.0200	mg/L	1	P1L1411	12/14/21 15:19	12/16/21 12:37	EPA 6010B	QAL1
Manganese	**0.00986**	0.0200	mg/L	1	P1L1411	12/14/21 15:19	12/16/21 12:37	EPA 6010B	J, QAL1

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

MW-3

1L14001-08 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00150**	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 21:07	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 21:07	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 21:07	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 21:07	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 21:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.0 %*	*80-120*		*P1L1504*	*12/15/21 15:28*	*12/15/21 21:07*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.6 %*	*80-120*		*P1L1504*	*12/15/21 15:28*	*12/15/21 21:07*	*EPA 8021B*	
Methane	**1.69**	0.0500	mg/L	1	P2A0601	12/22/21 03:23	12/21/21 15:15	8015M	SUB-13
Ethane	**0.00171**	0.00100	mg/L	1	P2A0601	12/22/21 03:23	12/21/21 10:55	8015M	SUB-13
Ethene	**0.00651**	0.00100	mg/L	1	P2A0601	12/22/21 03:23	12/21/21 10:55	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**43.0**	1.10	mg/L	1	P1L2201	12/22/21 16:50	12/22/21 16:50	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P1L1410	12/14/21 13:45	12/14/21 17:58	EPA 300.0	
Sulfate	**314**	5.00	mg/L	5	P1L1410	12/14/21 13:45	12/15/21 09:26	EPA 300.0	
Total Organic Carbon	**19.9**	1.00	mg/L	1	P2A0601	12/22/21 03:23	12/22/21 03:23	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**0.689**	0.0200	mg/L	1	P1L1411	12/14/21 15:19	12/16/21 12:41	EPA 6010B	QAL1
Manganese	**0.181**	0.0200	mg/L	1	P1L1411	12/14/21 15:19	12/16/21 12:41	EPA 6010B	QAL1

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

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
Batch P1L1504 - * DEFAULT PREP *** **										
Blank (P1L1504-BLK1)				Prepared & Analyzed: 12/15/21						
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*		*93.9*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.5*	*80-120*			
LCS (P1L1504-BS1)				Prepared & Analyzed: 12/15/21						
Benzene	0.110	0.00100	mg/L	0.100		110	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200		117	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	*0.120*		"	*0.120*		*99.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.5*	*80-120*			
LCS Dup (P1L1504-BSD1)				Prepared & Analyzed: 12/15/21						
Benzene	0.113	0.00100	mg/L	0.100		113	80-120	2.77	20	
Toluene	0.112	0.00100	"	0.100		112	80-120	2.87	20	
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120	0.313	20	
Xylene (p/m)	0.238	0.00200	"	0.200		119	80-120	1.96	20	
Xylene (o)	0.106	0.00100	"	0.100		106	80-120	1.52	20	
Surrogate: 4-Bromofluorobenzene	*0.118*		"	*0.120*		*98.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.1*	*80-120*			
Calibration Check (P1L1504-CCV1)				Prepared & Analyzed: 12/15/21						
Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200		107	80-120			
Xylene (o)	0.0960	0.00100	"	0.100		96.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.120*		"	*0.120*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*98.8*	*80-120*			

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

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
Batch P1L1504 - * DEFAULT PREP *** **										
Calibration Check (P1L1504-CCV2)				Prepared & Analyzed: 12/15/21						
Benzene	0.0983	0.00100	mg/L	0.100		98.3	80-120			
Toluene	0.0939	0.00100	"	0.100		93.9	80-120			
Ethylbenzene	0.0944	0.00100	"	0.100		94.4	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.7	80-120			
Xylene (o)	0.0892	0.00100	"	0.100		89.2	80-120			
Surrogate: 4-Bromofluorobenzene	*0.120*		"	*0.120*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.2*	*80-120*			
Calibration Check (P1L1504-CCV3)				Prepared: 12/15/21 Analyzed: 12/16/21						
Benzene	0.0978	0.00100	mg/L	0.100		97.8	80-120			
Toluene	0.0945	0.00100	"	0.100		94.5	80-120			
Ethylbenzene	0.0957	0.00100	"	0.100		95.7	80-120			
Xylene (p/m)	0.200	0.00200	"	0.200		100	80-120			
Xylene (o)	0.0902	0.00100	"	0.100		90.2	80-120			
Surrogate: 4-Bromofluorobenzene	*0.120*		"	*0.120*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.2*	*80-120*			
Matrix Spike (P1L1504-MS1)		**Source: 1L14001-01**		Prepared: 12/15/21 Analyzed: 12/16/21						
Benzene	0.114	0.00100	mg/L	0.100	ND	114	80-120			
Toluene	0.107	0.00100	"	0.100	ND	107	80-120			
Ethylbenzene	0.110	0.00100	"	0.100	ND	110	80-120			
Xylene (p/m)	0.223	0.00200	"	0.200	ND	111	80-120			
Xylene (o)	0.0997	0.00100	"	0.100	ND	99.7	80-120			
Surrogate: 4-Bromofluorobenzene	*0.122*		"	*0.120*		*102*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.0*	*80-120*			
Matrix Spike Dup (P1L1504-MSD1)		**Source: 1L14001-01**		Prepared: 12/15/21 Analyzed: 12/16/21						
Benzene	0.118	0.00100	mg/L	0.100	ND	118	80-120	3.72	20	
Toluene	0.115	0.00100	"	0.100	ND	115	80-120	6.77	20	
Ethylbenzene	0.112	0.00100	"	0.100	ND	112	80-120	1.82	20	
Xylene (p/m)	0.239	0.00200	"	0.200	ND	119	80-120	6.90	20	
Xylene (o)	0.109	0.00100	"	0.100	ND	109	80-120	8.71	20	
Surrogate: 4-Bromofluorobenzene	*0.122*		"	*0.120*		*102*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.0*	*80-120*			

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L1410 - * DEFAULT PREP *** **										
Blank (P1L1410-BLK1)				Prepared & Analyzed: 12/14/21						
Nitrate as N	ND	0.200	mg/L							
Sulfate	ND	1.00	"							
LCS (P1L1410-BS1)				Prepared & Analyzed: 12/14/21						
Sulfate	44.0		mg/L	40.0		110	90-110			
Nitrate as N	8.51		"	8.00		106	90-110			
LCS Dup (P1L1410-BSD1)				Prepared & Analyzed: 12/14/21						
Sulfate	44.0		mg/L	40.0		110	90-110	0.0364	10	
Nitrate as N	8.55		"	8.00		107	90-110	0.445	10	
Calibration Blank (P1L1410-CCB1)				Prepared & Analyzed: 12/14/21						
Nitrate as N	0.00		mg/L							
Sulfate	-0.475		"							
Calibration Check (P1L1410-CCV1)				Prepared & Analyzed: 12/14/21						
Sulfate	20.4		mg/L	20.0		102	90-110			
Nitrate as N	1.82		"	2.00		91.0	90-110			
Calibration Check (P1L1410-CCV2)				Prepared & Analyzed: 12/14/21						
Sulfate	20.7		mg/L	20.0		103	90-110			
Nitrate as N	1.85		"	2.00		92.6	90-110			
Matrix Spike (P1L1410-MS1)		**Source: 1L14001-03**		Prepared & Analyzed: 12/14/21						
Sulfate	56.9	1.00	mg/L	4.00	54.2	67.7	80-120			QM-05
Nitrate as N	0.327	0.200	"	0.400	ND	81.8	80-120			
Matrix Spike Dup (P1L1410-MSD1)		**Source: 1L14001-03**		Prepared & Analyzed: 12/14/21						
Nitrate as N	0.327	0.200	mg/L	0.400	ND	81.8	80-120	0.00	20	
Sulfate	56.8	1.00	"	4.00	54.2	66.5	80-120	0.0845	20	QM-05

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L2201 - * DEFAULT PREP *** **										
Blank (P1L2201-BLK1)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	ND	1.10	mg/L							QAL1
LCS (P1L2201-BS1)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	101	1.10	mg/L	100		101	80-120			QAL1
LCS Dup (P1L2201-BSD1)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	101	1.10	mg/L	100		101	80-120	0.00	20	QAL1
Calibration Blank (P1L2201-CCB1)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	0.00		mg/L							QAL1
Calibration Blank (P1L2201-CCB2)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	0.00		mg/L							QAL1
Calibration Check (P1L2201-CCV1)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	98.0	1.10	mg/L	100		98.0	80-120			QAL1
Calibration Check (P1L2201-CCV2)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	97.0	1.10	mg/L	100		97.0	80-120			QAL1
Calibration Check (P1L2201-CCV3)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	98.0	1.10	mg/L	100		98.0	80-120			QAL1
Duplicate (P1L2201-DUP1)		**Source: 1L10004-08**		Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	ND	1.10	mg/L		ND				20	QAL1
Duplicate (P1L2201-DUP2)		**Source: 1L14001-08**		Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	42.0	1.10	mg/L		43.0			2.35	20	QAL1

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L2201 - * DEFAULT PREP *** **										
Matrix Spike (P1L2201-MS1)	**Source: 1L10004-08**			Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	108	1.10	mg/L	100	ND	108	80-120			QAL1
Matrix Spike (P1L2201-MS2)	**Source: 1L10004-08**			Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	101	1.10	mg/L	100	ND	101	80-120			QAL1

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

Dissolved Metals by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L1411 - * DEFAULT PREP *** **										
Blank (P1L1411-BLK1)				Prepared: 12/14/21 Analyzed: 12/16/21						
Iron	ND	0.0200	mg/L							QAL1
Manganese	ND	0.0200	"							QAL1
LCS (P1L1411-BS1)				Prepared: 12/14/21 Analyzed: 12/16/21						
Manganese	0.0874	0.0200	mg/L	0.0800		109	85-115			QAL1
Iron	0.416	0.0200	"	0.400		104	80-120			QAL1
LCS Dup (P1L1411-BSD1)				Prepared: 12/14/21 Analyzed: 12/16/21						
Manganese	0.0852	0.0200	mg/L	0.0800		106	85-115	2.59	20	QAL1
Iron	0.417	0.0200	"	0.400		104	80-120	0.177	20	QAL1
Calibration Blank (P1L1411-CCB1)				Prepared: 12/14/21 Analyzed: 12/16/21						
Iron	-0.00153		mg/L							QAL1
Manganese	-0.000334		"							QAL1
Calibration Blank (P1L1411-CCB2)				Prepared: 12/14/21 Analyzed: 12/16/21						
Iron	-0.00125		mg/L							QAL1
Manganese	-0.000537		"							QAL1
Calibration Blank (P1L1411-CCB3)				Prepared: 12/14/21 Analyzed: 12/16/21						
Iron	0.00113		mg/L							QAL1
Manganese	-0.000559		"							QAL1
Calibration Check (P1L1411-CCV1)				Prepared: 12/14/21 Analyzed: 12/16/21						
Manganese	0.0864	0.0200	mg/L	0.0800		108	80-120			QAL1
Iron	0.416	0.0200	"	0.400		104	80-120			QAL1
Calibration Check (P1L1411-CCV2)				Prepared: 12/14/21 Analyzed: 12/16/21						
Manganese	0.0867	0.0200	mg/L	0.0800		108	80-120			QAL1
Iron	0.422	0.0200	"	0.400		105	80-120			QAL1

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

Dissolved Metals by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L1411 - * DEFAULT PREP *** **										
Calibration Check (P1L1411-CCV3)				Prepared: 12/14/21 Analyzed: 12/16/21						
Iron	0.433	0.0200	mg/L	0.400		108	80-120			QAL1
Manganese	0.0902	0.0200	"	0.0800		113	80-120			QAL1
Matrix Spike (P1L1411-MS1)	**Source: 1L14001-03**			Prepared: 12/14/21 Analyzed: 12/16/21						
Manganese	0.164	0.0200	mg/L	0.0800	0.0859	98.2	75-125			QAL1
Iron	0.738	0.0200	"	0.400	0.333	101	75-125			QAL1
Matrix Spike Dup (P1L1411-MSD1)	**Source: 1L14001-03**			Prepared: 12/14/21 Analyzed: 12/16/21						
Iron	0.737	0.0200	mg/L	0.400	0.333	101	75-125	0.136	20	QAL1
Manganese	0.164	0.0200	"	0.0800	0.0859	97.8	75-125	0.176	20	QAL1

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

Notes and Definitions

SUB-13	Subcontract of analyte/analysis to ALS Houston.
ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
QAL1	The Laboratory is not TNI Certified for this analyte or analysis.
pH1	The Regulatory Holding time for pH is < 1 Hour, Analysis should be done in the field.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
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: Brent Barron Date: 1/12/2022

Brent Barron, Laboratory Director/Technical Director

TRC Solutions- Midland, Texas	Project: HDO
10 Desta Dr STE 150E	Project Number: TNM HDO 90-23
Midland TX, 79705	Project Manager: Curt Stanley

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-661-4184

Project Manager: Curt Stanley

Company Name: TRC Environmental Corporation

Company Address: 10 Desta Drive, Ste 130E

City/State/Zip: Midland/TX/79703

Telephone No: (432)5207730 Fax No:

Sampler Signature: for MANNY HERRERA

e-mail: cdstanley@trcsolutions.com, cibryant@paalp.com, algroves@paalp.com

Project Name: HDO 90-23

Project #: HDO 90-23

Project Loc: Lea County, New Mexico

PO #:

Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)

ORDER #: 1L14001

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge; GW=Groundwater S=Soil/Solid; NP=Non-Potable Specify Other	Analyze For: TCLP: TOC SM 5310	Dossolved Methane, ethane, and ethene by RSK-175	Total Diss Metals (Fe and Mn) by SW6C	Nitrate and sulfate by E300	COD by SM5310	TOTAL: Total BTEX by 8260	PAH	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-16			12/8/2021	1300		3	X		X						GW						X			X
2	MW-8			12/8/2021	1345		3	X		X						GW						X			X
3	MW-2			12/13/2021	1443	1	12	X	X	X	X			X		GW	X	X	X	X	X	X	X		X
4	RW-2			12/13/2021	1232	1	9	X	X	X	X			X		GW	X	X	X	X	X	X			X
5	MW-9			12/13/2021	1204	1	9	X	X	X	X			X		GW	X	X	X	X	X	X			X
6	MW-6			12/13/2021	1517	1	12	X	X	X	X			X		GW	X	X	X	X	X	X	X		X
7	MW-17			12/13/2021	1122	1	9	X	X	X	X			X		GW	X	X	X	X	X	X			X
8	MW-3			12/13/2021	1315	1	9	X	X	X	X			X		GW	X	X	X	X	X	X			X

Special Instructions:

BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
	12/14/21	0907			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: Miss Haddock	Date 12/14/21	Time 9:07

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 2.8 °C
Adjusted: 3.8 °C Factor +1 12

PBELAB

DOC #: PBEL_SAMPLE_CHECKLIST
REVISION #: PBEL_2021_1
REVISION Date: 10/30/2021
EFFECTIVE DATE: 10/30/2021

Sample Receipt Checklist

Yes		Notes
✓	Chain of custody present?	
✓	Chain of custody signed/dated/time when relinquished and received?	
✓	Sample date/time present on COC for all samples?	
✓	Samplers name present on COC?	
✓	Chain of Custody agrees with sample labels?	
✓	Sample containers intact?	
X	Custody seal intact on sample bottles?	
✓	Samples in proper container/bottle?	
✓	Sufficient sample volume for indicated test?	
✓	All samples received within holding time?	
✓	Samples received within appropriate temp?	3.8
✓	Analysis requested for all samples submitted?	
	Shipping container/cooler in good condition?	
	Custody seals intact on shipping container/cooler?	

Login Notes:
Assorted 1L14001

PBELAB

DOC #: PBEL_SAMPLE_CHECKLIST
REVISION #: PBEL_2021_1
REVISION Date: 10/30/2021
EFFECTIVE DATE: 10/30/2021

SAMPLE VARIANCE/NON-CONFORMANCE

Variance/Discrepancy:

Resolution:

Client Contacted

Name:

Date/Time:

NC Initiated by:_____ Approved by:_____

10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

January 05, 2022

Brent Barron
Permian Basin Environmental Lab, LP
10014 SCR 1213
Midland, TX 79706

Work Order: **HS21120922**

Laboratory Results for: **1L14001**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Dec 15, 2021 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Bernadette Fini

Generated By: JUMOKE.LAWAL
Bernadette A. Fini
Project Manager

ALS Houston, US Date: 05-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L14001
Work Order: HS21120922

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS21120922-01	1L14001-03	Water		13-Dec-2021 14:43	15-Dec-2021 10:40	☐
HS21120922-02	1L14001-04	Water		13-Dec-2021 12:32	15-Dec-2021 10:40	☐
HS21120922-03	1L14001-05	Water		13-Dec-2021 12:04	15-Dec-2021 10:40	☐
HS21120922-04	1L14001-06	Water		13-Dec-2021 15:17	15-Dec-2021 10:40	☐
HS21120922-05	1L14001-07	Water		13-Dec-2021 11:22	15-Dec-2021 10:40	☐
HS21120922-06	1L14001-08	Water		13-Dec-2021 13:15	15-Dec-2021 10:40	☐

ALS Houston, US Date: 05-Jan-22

Client: Permian Basin Environmental Lab, LP **CASE NARRATIVE**
Project: 1L14001
Work Order: HS21120922

GC Semivolatiles by Method RSK-175

Batch ID: R398126

Sample ID: HS21120809-01MS

- MS and MSD are for an unrelated sample

GCMS Semivolatiles by Method SW8270

Batch ID: 173647

Sample ID: LCSD-173647

- The RPD between the LCS and LCSD was outside of the control limit.

WetChemistry by Method E415.1

Batch ID: R397820,R398188,R398291

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Batch ID: R398294

Sample ID: HS21121161-01MS

- MS is for an unrelated sample

ALS Houston, US Date: 05-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L14001
Sample ID: 1L14001-03
Collection Date: 13-Dec-2021 14:43

ANALYTICAL REPORT
WorkOrder:HS21120922
Lab ID:HS21120922-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		**Method:SW8270**		Prep:SW3511 / 16-Dec-2021		Analyst: JLJ
1-Methylnaphthalene	**31.8**	n	**0.988**	**ug/L**	10	05-Jan-2022 14:25
2-Methylnaphthalene	**26.1**		**0.988**	**ug/L**	10	05-Jan-2022 14:25
Acenaphthene	**1.69**		**0.0988**	**ug/L**	1	28-Dec-2021 19:39
Acenaphthylene	**0.659**		**0.0988**	**ug/L**	1	28-Dec-2021 19:39
Anthracene	**0.112**		**0.0988**	**ug/L**	1	28-Dec-2021 19:39
Benz(a)anthracene	ND		0.0988	ug/L	1	28-Dec-2021 19:39
Benzo(a)pyrene	ND		0.0988	ug/L	1	28-Dec-2021 19:39
Benzo(b)fluoranthene	ND		0.0988	ug/L	1	28-Dec-2021 19:39
Benzo(g,h,i)perylene	ND		0.0988	ug/L	1	28-Dec-2021 19:39
Benzo(k)fluoranthene	ND		0.0988	ug/L	1	28-Dec-2021 19:39
Chrysene	ND		0.0988	ug/L	1	28-Dec-2021 19:39
Dibenz(a,h)anthracene	ND		0.0988	ug/L	1	28-Dec-2021 19:39
Dibenzofuran	**4.04**		**0.0988**	**ug/L**	1	28-Dec-2021 19:39
Fluoranthene	ND		0.0988	ug/L	1	28-Dec-2021 19:39
Fluorene	**2.99**		**0.0988**	**ug/L**	1	28-Dec-2021 19:39
Indeno(1,2,3-cd)pyrene	ND		0.0988	ug/L	1	28-Dec-2021 19:39
Naphthalene	**27.0**		**0.988**	**ug/L**	10	05-Jan-2022 14:25
Phenanthrene	**2.80**		**0.0988**	**ug/L**	1	28-Dec-2021 19:39
Pyrene	ND		0.0988	ug/L	1	28-Dec-2021 19:39
Surr: 2-Fluorobiphenyl	*71.0*		*32-130*	*%REC*	*1*	*28-Dec-2021 19:39*
Surr: 2-Fluorobiphenyl	*67.0*		*32-130*	*%REC*	*10*	*05-Jan-2022 14:25*
Surr: 4-Terphenyl-d14	*81.6*		*40-135*	*%REC*	*1*	*28-Dec-2021 19:39*
Surr: 4-Terphenyl-d14	*91.7*		*40-135*	*%REC*	*10*	*05-Jan-2022 14:25*
Surr: Nitrobenzene-d5	*107*		*45-142*	*%REC*	*1*	*28-Dec-2021 19:39*
Surr: Nitrobenzene-d5	*80.5*		*45-142*	*%REC*	*10*	*05-Jan-2022 14:25*
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: PPM
Ethane	**6.98**		**1.00**	**ug/L**	1	21-Dec-2021 09:34
Ethene	**145**		**100**	**ug/L**	100	21-Dec-2021 14:06
Methane	**2,180**		**50.0**	**ug/L**	100	21-Dec-2021 14:06
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**31.1**		**10.0**	**mg/L**	10	16-Dec-2021 21:36

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 05-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L14001
Sample ID: 1L14001-04
Collection Date: 13-Dec-2021 12:32

ANALYTICAL REPORT
WorkOrder:HS21120922
Lab ID:HS21120922-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: PPM
Ethane	ND		1.00	ug/L	1	21-Dec-2021 09:42
Ethene	**1.22**		**1.00**	**ug/L**	1	21-Dec-2021 09:42
Methane	**1.44**		**0.500**	**ug/L**	1	21-Dec-2021 09:42
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**3.58**		**1.00**	**mg/L**	1	23-Dec-2021 00:01

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 05-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L14001
Sample ID: 1L14001-05
Collection Date: 13-Dec-2021 12:04

ANALYTICAL REPORT
WorkOrder:HS21120922
Lab ID:HS21120922-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: PPM
Ethane	ND		1.00	ug/L	1	21-Dec-2021 09:50
Ethene	ND		1.00	ug/L	1	21-Dec-2021 09:50
Methane	**1.48**		**0.500**	**ug/L**	1	21-Dec-2021 09:50
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**3.92**		**1.00**	**mg/L**	1	23-Dec-2021 00:17

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 05-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L14001
Sample ID: 1L14001-06
Collection Date: 13-Dec-2021 15:17

ANALYTICAL REPORT
WorkOrder:HS21120922
Lab ID:HS21120922-04
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		**Method:SW8270**		Prep:SW3511 / 16-Dec-2021		Analyst: GEY
1-Methylnaphthalene	**7.63**	n	**0.101**	**ug/L**	1	28-Dec-2021 19:59
2-Methylnaphthalene	**6.63**		**0.101**	**ug/L**	1	28-Dec-2021 19:59
Acenaphthene	**0.804**		**0.101**	**ug/L**	1	28-Dec-2021 19:59
Acenaphthylene	**0.138**		**0.101**	**ug/L**	1	28-Dec-2021 19:59
Anthracene	ND		0.101	ug/L	1	28-Dec-2021 19:59
Benz(a)anthracene	ND		0.101	ug/L	1	28-Dec-2021 19:59
Benzo(a)pyrene	ND		0.101	ug/L	1	28-Dec-2021 19:59
Benzo(b)fluoranthene	ND		0.101	ug/L	1	28-Dec-2021 19:59
Benzo(g,h,i)perylene	ND		0.101	ug/L	1	28-Dec-2021 19:59
Benzo(k)fluoranthene	ND		0.101	ug/L	1	28-Dec-2021 19:59
Chrysene	ND		0.101	ug/L	1	28-Dec-2021 19:59
Dibenz(a,h)anthracene	ND		0.101	ug/L	1	28-Dec-2021 19:59
Dibenzofuran	**1.16**		**0.101**	**ug/L**	1	28-Dec-2021 19:59
Fluoranthene	ND		0.101	ug/L	1	28-Dec-2021 19:59
Fluorene	**0.968**		**0.101**	**ug/L**	1	28-Dec-2021 19:59
Indeno(1,2,3-cd)pyrene	ND		0.101	ug/L	1	28-Dec-2021 19:59
Naphthalene	**6.36**		**0.101**	**ug/L**	1	28-Dec-2021 19:59
Phenanthrene	**1.09**		**0.101**	**ug/L**	1	28-Dec-2021 19:59
Pyrene	ND		0.101	ug/L	1	28-Dec-2021 19:59
Surr: 2-Fluorobiphenyl	*45.9*		*32-130*	*%REC*	*1*	*28-Dec-2021 19:59*
Surr: 4-Terphenyl-d14	*57.1*		*40-135*	*%REC*	*1*	*28-Dec-2021 19:59*
Surr: Nitrobenzene-d5	*71.4*		*45-142*	*%REC*	*1*	*28-Dec-2021 19:59*
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: PPM
Ethane	ND		1.00	ug/L	1	21-Dec-2021 09:58
Ethene	**3.20**		**1.00**	**ug/L**	1	21-Dec-2021 09:58
Methane	**235**		**5.00**	**ug/L**	10	21-Dec-2021 14:38
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**3.09**		**1.00**	**mg/L**	1	23-Dec-2021 00:33

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 05-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L14001
Sample ID: 1L14001-07
Collection Date: 13-Dec-2021 11:22

ANALYTICAL REPORT
WorkOrder:HS21120922
Lab ID:HS21120922-05
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: PPM
Ethane	ND		1.00	ug/L	1	21-Dec-2021 10:09
Ethene	ND		1.00	ug/L	1	21-Dec-2021 10:09
Methane	**1.48**		**0.500**	**ug/L**	1	21-Dec-2021 10:09
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**1.03**		**1.00**	**mg/L**	1	23-Dec-2021 02:56

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 05-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L14001
Sample ID: 1L14001-08
Collection Date: 13-Dec-2021 13:15

ANALYTICAL REPORT
WorkOrder:HS21120922
Lab ID:HS21120922-06
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: PPM
Ethane	**1.71**		**1.00**	**ug/L**	1	21-Dec-2021 10:55
Ethene	**6.51**		**1.00**	**ug/L**	1	21-Dec-2021 10:55
Methane	**1,690**		**50.0**	**ug/L**	100	21-Dec-2021 15:15
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**19.9**		**1.00**	**mg/L**	1	22-Dec-2021 03:23

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 1L14001
WorkOrder: HS21120922

Batch ID: 173647 **Start Date:** 16 Dec 2021 12:23 **End Date:** 16 Dec 2021 17:00
Method: SW3511 **Prep Code:** 3511_PAH

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21120922-01	1	33.39 (mL)	2 (mL)	0.0599	40 mL Amber
HS21120922-04	1	32.61 (mL)	2 (mL)	0.06133	40 mL Amber

ALS Houston, US Date: 05-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L14001
WorkOrder: HS21120922

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 173647 (0)	**Test Name :** LOW-LEVEL PAHS - 8270D				**Matrix:** Water	
HS21120922-01	1L14001-03	13 Dec 2021 14:43		16 Dec 2021 12:23	28 Dec 2021 19:39	1
HS21120922-01	1L14001-03	13 Dec 2021 14:43		16 Dec 2021 12:23	05 Jan 2022 14:25	10
HS21120922-04	1L14001-06	13 Dec 2021 15:17		16 Dec 2021 12:23	28 Dec 2021 19:59	1
Batch ID: R397820 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS21120922-01	1L14001-03	13 Dec 2021 14:43			16 Dec 2021 21:36	10
Batch ID: R398126 (0)	**Test Name :** DISSOLVED GASES BY RSK-175				**Matrix:** Water	
HS21120922-01	1L14001-03	13 Dec 2021 14:43			21 Dec 2021 14:06	100
HS21120922-01	1L14001-03	13 Dec 2021 14:43			21 Dec 2021 09:34	1
HS21120922-02	1L14001-04	13 Dec 2021 12:32			21 Dec 2021 09:42	1
HS21120922-03	1L14001-05	13 Dec 2021 12:04			21 Dec 2021 09:50	1
HS21120922-04	1L14001-06	13 Dec 2021 15:17			21 Dec 2021 14:38	10
HS21120922-04	1L14001-06	13 Dec 2021 15:17			21 Dec 2021 09:58	1
HS21120922-05	1L14001-07	13 Dec 2021 11:22			21 Dec 2021 10:09	1
HS21120922-06	1L14001-08	13 Dec 2021 13:15			21 Dec 2021 15:15	100
HS21120922-06	1L14001-08	13 Dec 2021 13:15			21 Dec 2021 10:55	1
Batch ID: R398188 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS21120922-06	1L14001-08	13 Dec 2021 13:15			22 Dec 2021 03:23	1
Batch ID: R398291 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS21120922-02	1L14001-04	13 Dec 2021 12:32			23 Dec 2021 00:01	1
HS21120922-03	1L14001-05	13 Dec 2021 12:04			23 Dec 2021 00:17	1
HS21120922-04	1L14001-06	13 Dec 2021 15:17			23 Dec 2021 00:33	1
Batch ID: R398294 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS21120922-05	1L14001-07	13 Dec 2021 11:22			23 Dec 2021 02:56	1

ALS Houston, US Date: 05-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L14001
WorkOrder: HS21120922

QC BATCH REPORT

Batch ID: R398126 (0) **Instrument:** FID-4 **Method:** DISSOLVED GASES BY RSK-175

MBLK Sample ID: **MBLK-211221** Units: **ug/L** Analysis Date: **21-Dec-2021 08:48**
Client ID: Run ID: **FID-4_398126** SeqNo: **6434755** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	ND	1.00								
Ethene	ND	1.00								
Methane	ND	0.500								

LCS Sample ID: **LCS-211221** Units: **ug/L** Analysis Date: **21-Dec-2021 09:00**
Client ID: Run ID: **FID-4_398126** SeqNo: **6434756** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	16.85	1.00	18.04	0	93.4	75 - 125				
Ethene	14.85	1.00	16.8	0	88.4	75 - 125				
Methane	10.12	0.500	9.647	0	105	75 - 125				

MS Sample ID: **HS21120809-01MS** Units: **ug/L** Analysis Date: **21-Dec-2021 11:22**
Client ID: Run ID: **FID-4_398126** SeqNo: **6434767** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	37.48	1.00	18.04	0.9896	202	75 - 125				S
Ethene	37.89	1.00	16.8	2.865	209	75 - 125				S
Methane	689.4	0.500	9.647	694.5	-52.4	75 - 125				SEO

MSD Sample ID: **HS21120809-01MSD** Units: **ug/L** Analysis Date: **21-Dec-2021 11:34**
Client ID: Run ID: **FID-4_398126** SeqNo: **6434768** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	36.94	1.00	18.04	0.9896	199	75 - 125	37.48	1.46	30	S
Ethene	37.55	1.00	16.8	2.865	206	75 - 125	37.89	0.901	30	S
Methane	683.9	0.500	9.647	694.5	-110	75 - 125	689.4	0.811	30	SEO

The following samples were analyzed in this batch: HS21120922-01 HS21120922-02 HS21120922-03 HS21120922-04 HS21120922-05 HS21120922-06

ALS Houston, US Date: 05-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L14001
WorkOrder: HS21120922

QC BATCH REPORT

Batch ID: 173647 (0) **Instrument: SV-6** **Method: LOW-LEVEL PAHS - 8270D**

MBLK Sample ID: **MBLK-173647** Units: **ug/L** Analysis Date: **23-Dec-2021 11:13**
Client ID: Run ID: **SV-6_398245** SeqNo: **6440289** PrepDate: **16-Dec-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	ND	0.100							
2-Methylnaphthalene	ND	0.100							
Acenaphthene	ND	0.100							
Acenaphthylene	ND	0.100							
Anthracene	ND	0.100							
Benz(a)anthracene	ND	0.100							
Benzo(a)pyrene	ND	0.100							
Benzo(b)fluoranthene	ND	0.100							
Benzo(g,h,i)perylene	ND	0.100							
Benzo(k)fluoranthene	ND	0.100							
Chrysene	ND	0.100							
Dibenz(a,h)anthracene	ND	0.100							
Dibenzofuran	ND	0.100							
Fluoranthene	ND	0.100							
Fluorene	ND	0.100							
Indeno(1,2,3-cd)pyrene	ND	0.100							
Naphthalene	ND	0.100							
Phenanthrene	ND	0.100							
Pyrene	ND	0.100							
Surr: 2-Fluorobiphenyl	*2.648*	*0.100*	*3.03*	*0*	*87.4*	*32 - 130*			
Surr: 4-Terphenyl-d14	*3.969*	*0.100*	*3.03*	*0*	*131*	*40 - 135*			
Surr: Nitrobenzene-d5	*3.79*	*0.100*	*3.03*	*0*	*125*	*45 - 142*			

ALS Houston, US Date: 05-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L14001
WorkOrder: HS21120922

QC BATCH REPORT

Batch ID: 173647 (0) **Instrument: SV-6** **Method: LOW-LEVEL PAHS - 8270D**

LCS Sample ID: **LCS-173647** Units: **ug/L** Analysis Date: **23-Dec-2021 11:33**
Client ID: Run ID: **SV-6_398245** SeqNo: **6440290** PrepDate: **16-Dec-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	4.222	0.100	3.03	0	139	40 - 140			
2-Methylnaphthalene	4.115	0.100	3.03	0	136	40 - 140			
Acenaphthene	1.502	0.100	3.03	0	49.6	40 - 140			
Acenaphthylene	4.148	0.100	3.03	0	137	40 - 140			
Anthracene	4.042	0.100	3.03	0	133	40 - 140			
Benz(a)anthracene	3.733	0.100	3.03	0	123	40 - 140			
Benzo(a)pyrene	3.503	0.100	3.03	0	116	40 - 140			
Benzo(b)fluoranthene	3.371	0.100	3.03	0	111	40 - 140			
Benzo(g,h,i)perylene	3.168	0.100	3.03	0	105	40 - 140			
Benzo(k)fluoranthene	3.156	0.100	3.03	0	104	40 - 140			
Chrysene	2.823	0.100	3.03	0	93.2	40 - 140			
Dibenz(a,h)anthracene	3.455	0.100	3.03	0	114	40 - 140			
Dibenzofuran	3.989	0.100	3.03	0	132	40 - 140			
Fluoranthene	3.598	0.100	3.03	0	119	40 - 140			
Fluorene	4.165	0.100	3.03	0	137	40 - 140			
Indeno(1,2,3-cd)pyrene	3.799	0.100	3.03	0	125	40 - 140			
Naphthalene	4.142	0.100	3.03	0	137	40 - 140			
Phenanthrene	4.149	0.100	3.03	0	137	40 - 140			
Pyrene	3.608	0.100	3.03	0	119	40 - 140			
Surr: 2-Fluorobiphenyl	*2.621*	*0.100*	*3.03*	*0*	*86.5*	*32 - 130*			
Surr: 4-Terphenyl-d14	*2.417*	*0.100*	*3.03*	*0*	*79.8*	*40 - 135*			
Surr: Nitrobenzene-d5	*3.648*	*0.100*	*3.03*	*0*	*120*	*45 - 142*			

ALS Houston, US Date: 05-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L14001
WorkOrder: HS21120922

QC BATCH REPORT

Batch ID: 173647 (0) **Instrument: SV-6** **Method: LOW-LEVEL PAHS - 8270D**

LCSD Sample ID: **LCSD-173647** Units: **ug/L** Analysis Date: **23-Dec-2021 11:54**
Client ID: Run ID: **SV-6_398245** SeqNo: **6440291** PrepDate: **16-Dec-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.545	0.100	3.03	0	117	40 - 140	4.222	17.4	25	
2-Methylnaphthalene	3.584	0.100	3.03	0	118	40 - 140	4.115	13.8	25	
Acenaphthene	4.23	0.100	3.03	0	140	40 - 140	1.502	95.2	25	R
Acenaphthylene	3.294	0.100	3.03	0	109	40 - 140	4.148	23	25	
Anthracene	3.499	0.100	3.03	0	115	40 - 140	4.042	14.4	25	
Benz(a)anthracene	3.725	0.100	3.03	0	123	40 - 140	3.733	0.21	25	
Benzo(a)pyrene	2.559	0.100	3.03	0	84.5	40 - 140	3.503	31.1	25	R
Benzo(b)fluoranthene	2.015	0.100	3.03	0	66.5	40 - 140	3.371	50.4	25	R
Benzo(g,h,i)perylene	2.457	0.100	3.03	0	81.1	40 - 140	3.168	25.3	25	R
Benzo(k)fluoranthene	1.886	0.100	3.03	0	62.2	40 - 140	3.156	50.4	25	R
Chrysene	2.815	0.100	3.03	0	92.9	40 - 140	2.823	0.316	25	
Dibenz(a,h)anthracene	2.628	0.100	3.03	0	86.7	40 - 140	3.455	27.2	25	R
Dibenzofuran	3.158	0.100	3.03	0	104	40 - 140	3.989	23.3	25	
Fluoranthene	3.145	0.100	3.03	0	104	40 - 140	3.598	13.5	25	
Fluorene	3.357	0.100	3.03	0	111	40 - 140	4.165	21.5	25	
Indeno(1,2,3-cd)pyrene	2.922	0.100	3.03	0	96.4	40 - 140	3.799	26.1	25	R
Naphthalene	3.493	0.100	3.03	0	115	40 - 140	4.142	17	25	
Phenanthrene	3.785	0.100	3.03	0	125	40 - 140	4.149	9.18	25	
Pyrene	3.513	0.100	3.03	0	116	40 - 140	3.608	2.67	25	
Surr: 2-Fluorobiphenyl	*2.447*	*0.100*	*3.03*	*0*	*80.8*	*32 - 130*	*2.621*	*6.84*	*25*	
Surr: 4-Terphenyl-d14	*2.697*	*0.100*	*3.03*	*0*	*89.0*	*40 - 135*	*2.417*	*10.9*	*25*	
Surr: Nitrobenzene-d5	*3.477*	*0.100*	*3.03*	*0*	*115*	*45 - 142*	*3.648*	*4.78*	*25*	

The following samples were analyzed in this batch: HS21120922-01 HS21120922-04

ALS Houston, US Date: 05-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L14001
WorkOrder: HS21120922

QC BATCH REPORT

Batch ID: R397820 (0) **Instrument: TOC_04** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-12162021** Units: **mg/L** Analysis Date: **16-Dec-2021 19:13**
Client ID: Run ID: **TOC_04_397820** SeqNo: **6426430** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	ND	1.00								

LCS Sample ID: **LCS-12162021** Units: **mg/L** Analysis Date: **16-Dec-2021 19:29**
Client ID: Run ID: **TOC_04_397820** SeqNo: **6426431** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.73	1.00	10	0	107	85 - 115				

LCSD Sample ID: **LCSD-12162021** Units: **mg/L** Analysis Date: **16-Dec-2021 19:45**
Client ID: Run ID: **TOC_04_397820** SeqNo: **6426432** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.7	1.00	10	0	107	85 - 115	10.73	0.28	20	

MS Sample ID: **HS21120655-01MS** Units: **mg/L** Analysis Date: **16-Dec-2021 21:20**
Client ID: Run ID: **TOC_04_397820** SeqNo: **6426438** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.28	1.00	10	1.082	92.0	80 - 120				

The following samples were analyzed in this batch: HS21120922-01

ALS Houston, US Date: 05-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L14001
WorkOrder: HS21120922

QC BATCH REPORT

Batch ID: R398188 (0) **Instrument: TOC_04** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-12212021** Units: **mg/L** Analysis Date: **22-Dec-2021 01:47**
Client ID: Run ID: **TOC_04_398188** SeqNo: **6435204** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	ND	1.00								

LCS Sample ID: **LCS-12212021** Units: **mg/L** Analysis Date: **22-Dec-2021 02:03**
Client ID: Run ID: **TOC_04_398188** SeqNo: **6435205** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.35	1.00	10	0	104	85 - 115				

LCSD Sample ID: **LCSD-12212021** Units: **mg/L** Analysis Date: **22-Dec-2021 02:19**
Client ID: Run ID: **TOC_04_398188** SeqNo: **6435206** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.49	1.00	10	0	105	85 - 115	10.35	1.34	20	

MS Sample ID: **HS21121032-01MS** Units: **mg/L** Analysis Date: **22-Dec-2021 03:55**
Client ID: Run ID: **TOC_04_398188** SeqNo: **6435212** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	25.62	1.00	10	14.73	109	80 - 120				

The following samples were analyzed in this batch: HS21120922-06

ALS Houston, US Date: 05-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L14001
WorkOrder: HS21120922

QC BATCH REPORT

Batch ID: R398291 (0) **Instrument: TOC_04** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-12212021** Units: **mg/L** Analysis Date: **22-Dec-2021 20:18**
Client ID: Run ID: **TOC_04_398291** SeqNo: **6437831** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	ND	1.00								

LCS Sample ID: **LCS-12212021** Units: **mg/L** Analysis Date: **22-Dec-2021 20:34**
Client ID: Run ID: **TOC_04_398291** SeqNo: **6437832** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.34	1.00	10	0	103	85 - 115				

LCSD Sample ID: **LCSD-12212021** Units: **mg/L** Analysis Date: **22-Dec-2021 20:50**
Client ID: Run ID: **TOC_04_398291** SeqNo: **6437833** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.53	1.00	10	0	105	85 - 115	10.34	1.82	20	

MS Sample ID: **HS21120909-01MS** Units: **mg/L** Analysis Date: **22-Dec-2021 21:22**
Client ID: Run ID: **TOC_04_398291** SeqNo: **6437835** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	20.05	1.00	10	8.491	116	80 - 120				

The following samples were analyzed in this batch: HS21120922-02 HS21120922-03 HS21120922-04

ALS Houston, US Date: 05-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L14001
WorkOrder: HS21120922

QC BATCH REPORT

Batch ID: R398294 (0) **Instrument: TOC_04** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-12212021** Units: **mg/L** Analysis Date: **23-Dec-2021 01:36**
Client ID: Run ID: **TOC_04_398294** SeqNo: **6437892** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	ND	1.00								

LCS Sample ID: **LCS-12212021** Units: **mg/L** Analysis Date: **23-Dec-2021 01:53**
Client ID: Run ID: **TOC_04_398294** SeqNo: **6437893** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.36	1.00	10	0	104	85 - 115				

LCSD Sample ID: **LCSD-12212021** Units: **mg/L** Analysis Date: **23-Dec-2021 02:09**
Client ID: Run ID: **TOC_04_398294** SeqNo: **6437894** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.52	1.00	10	0	105	85 - 115	10.36	1.53	20	

MS Sample ID: **HS21121161-01MS** Units: **mg/L** Analysis Date: **23-Dec-2021 03:29**
Client ID: Run ID: **TOC_04_398294** SeqNo: **6437899** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	24.29	1.00	10	11.95	123	80 - 120				S

The following samples were analyzed in this batch: HS21120922-05

ALS Houston, US Date: 05-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L14001
WorkOrder: HS21120922

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

ALS Houston, US Date: 05-Jan-22

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	21-022-0	26-Mar-2022
Florida	E87611-33	30-Jun-2022
Illinois	2000322021-7	09-May-2022
Kansas	E-10352 2021-2022	31-Jul-2022
Kentucky	123043, 2021-2022	30-Apr-2022
Louisiana	03087, 2021-2022	30-Jun-2022
Texas	T104704231-21-28	30-Apr-2022

ALS Houston, US Date: 05-Jan-22

Sample Receipt Checklist

Work Order ID: HS21120922 **Date/Time Received:** 15-Dec-2021 10:40

Client Name: Permian Basin Lab **Received by:** Pablo Marinez

Completed By:	/S/ Jared R. Makan	15-Dec-2021 20:02	**Reviewed by:**	/S/ Bernadette A. Fini	16-Dec-2021 09:24
	eSignature	Date/Time		eSignature	Date/Time

Matrices: **Water** Carrier name: **FedEx Standard Overnight**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	1.6°C UC/C	IR31	
Cooler(s)/Kit(s):	Red		
Date/Time sample(s) sent to storage:	12/15/2021 20:05		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

HS21120922

Permian Basin Environmental Lab, LP
1L14001

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

Project Manager: Brent Barron
Company Name: PBEL
Company Address: 1400 Rankin HWY
City/State/Zip: Midland Texas 79701
Telephone No: 432-661-4184 Fax No:
Sampler Signature: N/A e-mail: brentbarron@pbelab.com

Project #:
Project Loc:
PO #:
Report Format: X Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #:

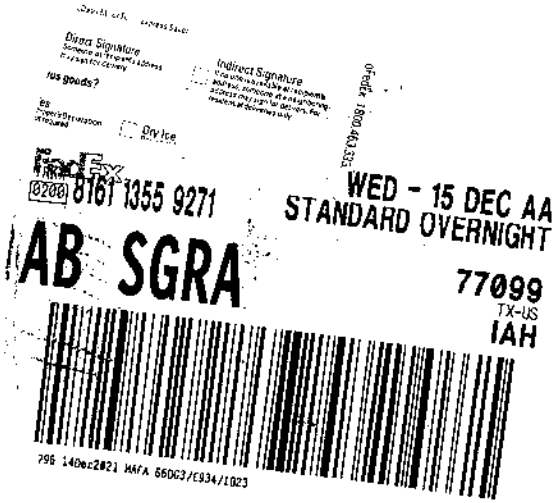
LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: ICE	HNO3	HCl 3 40mL VOA	H2SO4	NaOH/ZNAC 250 Poly 1	Na2S2O3	None Poly 500mL, 250mL	Glass Amber 1000 500 mL	NONE 3 AMBER VOAs VIALS	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: 8270C PAH LL	METALS RCRA 8 TCLP ICPMS/7471	TOC SM5310	RSK-175 Methane,Ethane,Ethene	8260 COMPLETE LIST	8270C SEMIVOLATILE	Cr TCLP ICP/MS 6020A	Cd TCLP ICP/MS 6020A	8260C SEMIVOLATILE	METHANOL 8015M	GLYCOLS-DI 8015B	HG TOTAL CVAA 7470	NH4 TKN	24 HOUR	STANDARD 4 DAY
	1L14001-03			12/13/2021	14:43	1	12	X									W	X		X	X									X		X
	1L14001-04			12/13/2021	12:32	4	4	X									W			X	X									X		X
	1L14001-05			12/13/2021	12:04	4	4	X									W			X	X									X		X
	1L14001-06			12/13/2021	15:17	1	12	X									W	X		X	X									X		X
	1L14001-07			12/13/2021	11:22	4	4	X									W			X	X									X		X
	1L14001-08			12/13/2021	13:15	4	4	X									W			X	X									X		X
							40																								

Special Instructions:

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Labels on container(s) Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered Y N
by Sampler/Client Rep. ? Y N
by Courier? UPS DHL FedEx LC
Temperature Upon Receipt:
Received: 1.6 °C
Adjusted: °C Factor

Relinquished by:	Date	Time	Received by:	Date	Time
Brent Barron	12/14/2021	16:00			
Relinquished by:	Date	Time	Received by: Patti Rue	Date 12/15/21	Time 10:40
Relinquished by:	Date	Time	Received by:	Date	Time

RCD 1R7i UPS



eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-9622-1
Laboratory Sample Delivery Group: Mounment
Client Project/Site: HDO

For:
TRC Solutions, Inc.
2057 Commerce Drive
Midland, Texas 79703

Attn: Jonathan Repman

JKramer

Authorized for release by:
12/27/2021 3:57:25 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: TRC Solutions, Inc.
Project/Site: HDO

Laboratory Job ID: 880-9622-1
SDG: Mounment

Table of Contents

Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-9622-1
Project/Site: HDO SDG: Mounment

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: TRC Solutions, Inc.
Project/Site: HDO

Job ID: 880-9622-1
SDG: Mounment

Job ID: 880-9622-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative
880-9622-1

Receipt

The sample was received on 12/21/2021 4:37 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.9°C

GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: HDO

Job ID: 880-9622-1
SDG: Mounment

Client Sample ID: RW-1

Date Collected: 12/21/21 13:00
Date Received: 12/21/21 16:37

Lab Sample ID: 880-9622-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0458**		0.00100	0.000214	mg/L			12/23/21 15:58	1
Toluene	<0.000500	U	0.00100	0.000500	mg/L			12/23/21 15:58	1
Ethylbenzene	**0.00586**		0.00100	0.000515	mg/L			12/23/21 15:58	1
m,p-Xylenes	**0.000437**	**J**	0.0100	0.000330	mg/L			12/23/21 15:58	1
o-Xylene	<0.000192	U	0.00100	0.000192	mg/L			12/23/21 15:58	1
Xylenes, Total	**0.000437**	**J**	0.0100	0.000330	mg/L			12/23/21 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*		*12/23/21 15:58*	*1*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*12/23/21 15:58*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 131*		*12/23/21 15:58*	*1*
Toluene-d8 (Surr)	*105*		*80 - 117*		*12/23/21 15:58*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0521**		0.0100	0.000515	mg/L			12/27/21 16:48	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: HDO

Job ID: 880-9622-1
SDG: Mounment

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-117)
860-17741-D-1 MS	Matrix Spike	91	95	97	97
880-9622-1	RW-1	98	102	94	105
LCS 860-35438/3	Lab Control Sample	90	97	100	99
LCSD 860-35438/4	Lab Control Sample Dup	91	95	96	100
MB 860-35438/7	Method Blank	103	105	99	105

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: HDO

Job ID: 880-9622-1
SDG: Mounment

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-35438/7
Matrix: Water
Analysis Batch: 35438

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000214	U	0.00100	0.000214	mg/L			12/23/21 11:53	1
Toluene	<0.000500	U	0.00100	0.000500	mg/L			12/23/21 11:53	1
Ethylbenzene	<0.000515	U	0.00100	0.000515	mg/L			12/23/21 11:53	1
m,p-Xylenes	<0.000330	U	0.0100	0.000330	mg/L			12/23/21 11:53	1
o-Xylene	<0.000192	U	0.00100	0.000192	mg/L			12/23/21 11:53	1
Xylenes, Total	<0.000330	U	0.0100	0.000330	mg/L			12/23/21 11:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*12/23/21 11:53*	*1*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*12/23/21 11:53*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*12/23/21 11:53*	*1*
Toluene-d8 (Surr)	*105*		*80 - 117*		*12/23/21 11:53*	*1*

Lab Sample ID: LCS 860-35438/3
Matrix: Water
Analysis Batch: 35438

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.0500	0.04947		mg/L		99	66 - 142		
Toluene			0.0500	0.05291		mg/L		106	59 - 139		
Ethylbenzene			0.0500	0.05178		mg/L		104	75 - 125		
m,p-Xylenes			0.0500	0.05269		mg/L		105	75 - 125		
o-Xylene			0.0500	0.05145		mg/L		103	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 144*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 117*

Lab Sample ID: LCSD 860-35438/4
Matrix: Water
Analysis Batch: 35438

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.0500	0.04962		mg/L		99	66 - 142	0	25
Toluene			0.0500	0.05440		mg/L		109	59 - 139	3	25
Ethylbenzene			0.0500	0.05243		mg/L		105	75 - 125	1	25
m,p-Xylenes			0.0500	0.05320		mg/L		106	75 - 125	1	25
o-Xylene			0.0500	0.05131		mg/L		103	75 - 125	0	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 144*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 117*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: HDO

Job ID: 880-9622-1
SDG: Mounment

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-17741-D-1 MS
Matrix: Water
Analysis Batch: 35438

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.000214	U	0.0500	0.05217		mg/L		104	66 - 142
Toluene	<0.000500	U	0.0500	0.05530		mg/L		111	59 - 139
Ethylbenzene	<0.000515	U	0.0500	0.05452		mg/L		109	75 - 125
m,p-Xylenes	<0.000330	U	0.0500	0.05569		mg/L		111	75 - 125
o-Xylene	<0.000192	U	0.0500	0.05337		mg/L		107	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 144*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*
Toluene-d8 (Surr)	*97*		*80 - 117*

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: HDO

Job ID: 880-9622-1
SDG: Mounment

GC/MS VOA

Analysis Batch: 35438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9622-1	RW-1	Total/NA	Water	8260C	
MB 860-35438/7	Method Blank	Total/NA	Water	8260C	
LCS 860-35438/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-35438/4	Lab Control Sample Dup	Total/NA	Water	8260C	
860-17741-D-1 MS	Matrix Spike	Total/NA	Water	8260C	

Analysis Batch: 35698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9622-1	RW-1	Total/NA	Water	Total BTEX	

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: HDO

Job ID: 880-9622-1
SDG: Mounment

Client Sample ID: RW-1

Date Collected: 12/21/21 13:00
Date Received: 12/21/21 16:37

Lab Sample ID: 880-9622-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	35438	12/23/21 15:58	AN	XEN STF
Total/NA	Analysis	Total BTEX		1			35698	12/27/21 16:48	MC	XEN STF

Laboratory References:

XEN STF = Eurofins Xenco, Stafford, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: HDO

Job ID: 880-9622-1
SDG: Mounment

Laboratory: Eurofins Xenco, Stafford

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	21-038-0	08-04-22
Florida	NELAP	E871002	06-30-22
Louisiana	NELAP	03054	06-30-22
Oklahoma	State	1306	08-31-22
Texas	NELAP	T104704215-21-44	06-30-22
Texas	TCEQ Water Supply	T104704215	06-30-22

Method Summary

Client: TRC Solutions, Inc.
Project/Site: HDO

Job ID: 880-9622-1
SDG: Mounment

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	XEN STF
Total BTEX	Total BTEX Calculation	TAL SOP	XEN STF
5030C	Purge and Trap	SW846	XEN STF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN STF = Eurofins Xenco, Stafford, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: HDO

Job ID: 880-9622-1
SDG: Mounment

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-9622-1	RW-1	Water	12/21/21 13:00	12/21/21 16:37

eurofins | Environment Testing Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad NM (575) 988-3199

Wor

880-9622 Chain of Custody

12/27/2021

www.xenco.com Page 1 of 1

Project Manager:	Jonathan Repman	Bill to: (if different)	Camille Bryant
Company Name:	TRC Environmental Corp	Company Name:	Plains Pipeline, LP
Address:	10 Desta Drive, Ste 130E	Address:	1106 Griffith Drive
City, State ZIP:	Midland tx 79705	City, State ZIP:	Midland tx 79706
Phone:	432-955-3561	Email:	Jrepman@trcompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other:

Project Name:	HDO	Turn Around	
Project Number:		☒ Routine ☐ Rush	
Project Location:	Monument	Due Date:	
Sampler's Name:	Natanael Navarro	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID	IR8	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	.10	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.8°C	
Total Containers:		Corrected Temperature:	5.9	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: HC	BTEX 8260	Sample Comments
Rw-1	W	12-21-21	1300	—	G	3	X			3 VOAS

Preservative Codes

None NO | DI Water H_2O
Cool Cool | MeOH Me
HCL HC | HNO_3 HN
H_2SO_4 H_2 | NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Natanael Navarro		12-21-21 16:35	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev 2020.2

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-9622-1
SDG Number: Mounment

Login Number: 9622
List Number: 1
Creator: Teel, Brianna

List Source: Eurofins Xenco, Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-9622-1
SDG Number: Mounment

Login Number: 9622
List Number: 2
Creator: Milone, Jeancarlo

List Source: Eurofins Xenco, Stafford
List Creation: 12/22/21 03:59 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

APPENDIX B:
Release Notification and Corrective Action
(NMOCD 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 X	BLOWOUT	OTHER*	
TYPE OF FACILITY	DRLG WELL	PROD WELL	TANK BTTY	PIPE LINE X	GASO PLNT	OIL RFY	OTHER*
NAME OF FACILITY	14" Trunk Line						
LOCATION OF FACILITY (QUARTER/QUARTER SECTION OR FOOTAGE DESCRIPTION)	NW/4 NE/4				SEC. 6	TWP. 21	RGE. 37	COUNTY 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	Unknown				DATE AND HOUR OF DISCOVERY	3/27/90 2:15 P.M.		
WAS IMMEDIATE NOTICE GIVEN?	YES X	NO	NOT REQUIRED		IF YES, TO WHOM	NMOCC - B. Pritchard SCC - D. Truillo		
BY WHOM	NMOCC - M. Criswell SCC - C. Johnson				DATE AND HOUR	3/27/90; NMOCC - 3:35 P.M. 3/28/90; SCC - 9:05 a.m.		
TYPE OF FLUID LOST	Sour Crude				QUANTITY OF LOSS	750 BBLS	VOLUME RECOVERED	550 BBLS
DID ANY FLUIDS REACH A WATERCOURSE?	YES	NO X	QUANTITY					

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 X	URBAN	OTHER*			
SURFACE CONDITIONS	SANDY	SANDY LOAM X	CLAY	ROCKY	WET X	DRY	SNOW

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. Lednicky 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.

90-063530

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

Operator:	OGRID:
PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	34053
	Action Number: 93013
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Contractor anticipated actions approved by NMOCD and are as follows; 1. Continue quarterly groundwater monitoring sampling and manual quarterly PSH recovery in 2022 2. Continue quarterly groundwater monitoring, sampling and manual quarterly PSH recovery 3. Continue PAH analysis fromMW-2, and MW-6 4. Conduct low-flow sampling of MNA parameters on MW-9, MW-6, MW-2, MW-3, MW-17, and RW-2 during each quarterly sampling event 5. Complete one (1) soil boring in the vicinity of monitor well MW-2 to a depth of at least forty (40) feet bgs 6. Install one (1) additional monitor well north of monitor well MW-2 7. Resolve landowner issues for the installation of the soil boring advancement and monitor well installation as soon as practicable. Afterward notify NMOCD when approval from the landowner and the Request for Drilling Permit has been obtained from the New Mexico Office of the State Engineer 8. An Annual Monitoring Report will be submitted to the NMOCD by April 1, 2023.	8/3/2022