



**2021
ANNUAL MONITORING REPORT**

TNM 97-04

SE ¼ SE ¼ of SECTION 11, TOWNSHIP 16 SOUTH, RANGE 35 EAST

LEA COUNTY, NEW MEXICO

PLAINS SRS NUMBER: TNM 97-04

NMOCD Reference GW-0294

Incident # nAPP2109542446

Review of 2021 ANNUAL MONITORING
REPORT: **Content satisfactory**

Contractor anticipated actions approved by
NMOCD and are as follows;

1. Continue operation of the Enhanced Recovery System during 2022.
2. Continue collecting "post carbon" monthly effluent water samples for concentrations of NMWQCC metals.
3. Continue with PSH recovery, quarterly groundwater monitoring/sampling, and monthly Recovery System sampling in 2022.
4. Sample for PAH those monitor and recovery wells which have historically exhibited elevated constituents near or above the NMWQCC standards, as necessary.
5. Complete low-flow sampling of MNA parameters on MW-10, MW-9, MW-5, MW-6, MW-15, and MW-14 during each quarterly sampling event.
6. Submit the Annual Monitoring Report to the NMOCD no later than March 31, 2023.

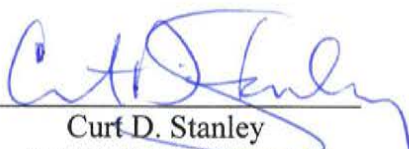
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March 2022


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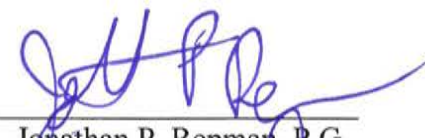

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INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), TRC Environmental Corporation (TRC) is pleased to submit this 2021 Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities were assumed by TRC, previously NOVA Safety and Environmental, Inc. (NOVA). The TNM 97-04 Release Site (the site), which was formerly the responsibility of Texas New Mexico Pipeline Company (TNMPL), 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. However, historical data tables as well as 2021 laboratory analytical reports are provided in this report. A Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2021 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbons (PSH). Each groundwater monitoring event consisted of measuring static water levels in monitor and recovery 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 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 SE 1/4 of the SE 1/4 of Section 11, Township 16 South, Range 35 East in Lea County, New Mexico. Initial site investigation activities were performed for TNMPL by other environmental consultants. No other specifics concerning the release are currently available. The Release Notification and Corrective Action Form (C-141) is provided as Appendix B.

In November 2005, monitor wells MW-1 and MW-8 were plugged and abandoned with NMOCD approval. On August 9, 2006, monitor well MW-17 was plugged and abandoned with NMOCD approval.

In October 2009, an *Enhanced Recovery System Workplan* was submitted and subsequently approved by the NMOCD. In March 2009, Plains installed eight (8) air-sparging wells (AS-1 through AS-8) and three (3) recovery wells (RW-2, RW-3, and RW-4) at the Site as part of the Enhanced Recovery System (Recovery System). In April 2010, Plains completed the installation of the trailer mounted air-sparging system with ancillary air lines connected to the eight (8) sparging wells. Four (4) total fluid pumps were initially installed within the four (4), 4-inch diameter recovery wells (RW-1 through RW-4).

The Recovery System was initially commenced operation during the 3rd quarter of 2010. A Recovery System Start-Up Report documenting the activities was submitted to the NMOCD in May 2011.

There are currently fifteen (15) monitor wells (MW-2 through MW-7, MW-9 through MW-16, and MW-18), with the eight (8) air-sparging (AS-1 through AS-8), and four (4) recovery wells (RW-1 through RW-4) on site. An NMOC permitted infiltration gallery associated with the Recovery System is located on the northwest corner (upgradient) of the Site. Please note, the infiltration gallery is currently not being utilized while repair and maintenance activities are in progress.

FIELD ACTIVITIES

Remediation Efforts

The Recovery System utilizes compressed air to power the eight (8) air-sparging wells along with six (6) total fluid pumps placed in recovery wells RW-1 through RW-4 and monitor wells MW-3 and MW-6. The total fluid pumps operate at a maximum pumping rate of approximately two (2) to three (3) gallons per minute (gpm) per well with a combined pumping rate of approximately twelve (12) to eighteen (18) gpm. Recovered oil and water is collected in a five hundred (500) barrel frac tank, where the recovered oil and water separate. Recovered groundwater is pumped to a large poly aeration tank to allow for the volatilization of the hydrocarbons. Groundwater is transferred through a three (3) bag particulate filter system prior to being pumped through two (2) 500-pound granulated activated carbon (GAC) filtration canisters. The treated groundwater is sampled from a post-carbon sample port on a monthly basis and is discharged under Discharge Permit GW-294 to an infiltration gallery located upgradient to the northwest of the release point.

The eight (8) air-sparging wells were each installed to a depth of approximately sixty-five (65) feet below ground surface (bgs) and operate at a pressure of approximately five (5) psi per well. The air-sparging array is designed to aerate the downgradient edge of the dissolved phase hydrocarbon plume while pressing the PSH plume upgradient toward the four (4) recovery wells (RW-1 through RW-4) and two (2) monitor wells (MW-3 and MW-6).

A measurable thickness of PSH was present in six (6) of the fifteen (15) monitor wells (MW-2, through MW-6 and MW-9) and the four (4) recovery wells (RW-1 through RW-4) during all (4) quarters of the reporting period. The average thickness of PSH in monitor wells and recovery wells exhibiting PSH was 2.20 feet. The maximum thickness of PSH in monitor wells and recovery wells was 3.64 feet as recorded in monitor well MW-5 on September 30, 2021. PSH data for the 2021 gauging events can be found in Table 1. Approximately 80.43 gallons (approximately 1.92 barrels) of PSH was recovered from the Site during the 2021 reporting period. Due to maintenance issues during the 2021 reporting period, approximately 2,402 barrels of groundwater was removed from the separation frac tank and disposed of at an NMOC approved disposal. A total of approximately 10,273.03 gallons (approximately 244.60 barrels) of PSH have been recovered since project inception.

Groundwater Monitoring

Quarterly monitoring events for the reporting period were performed according to the following reduced sampling schedule, which was approved by the NMOC in correspondence dated April 28, 2004, and amended in correspondence dated June 22, 2005, May 5, 2006, and March 27, 2012.

NMOCD Approved Sampling Schedule							
MW-1	P&A	MW-8	P&A	MW-15	Quarterly	RW-3	Quarterly
MW-2	Quarterly	MW-9	Quarterly	MW-16	Annually	RW-4	Quarterly
MW-3	Quarterly	MW-10	Annually	MW-17	P&A		
MW-4	Quarterly	MW-11	Annually	MW-18	Quarterly		
MW-5	Quarterly	MW-12	Annually	RW-1	Quarterly		
MW-6	Quarterly	MW-13	Quarterly	RW-2	Quarterly		
MW-7	Annually	MW-14	Quarterly	RW-3	Quarterly		

The Site monitor wells were gauged and sampled on March 23, June 4, September 30, and December 9, 2021. During each sampling event, monitor wells were purged of a minimum of three (3) well volumes of water or until the wells failed to produce water. Purging was performed using a disposable polyethylene bailer for each well or electrical Grundfos pump and dedicated tubing. Groundwater was allowed to recharge and samples were collected using disposable Teflon samplers. Water samples were placed in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

Please note, during the 4th quarter of the reporting period, monitor wells MW-10, MW-9, MW-5, MW-6, MW-15, and MW-14 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-10, MW-9, MW-5, MW-6, MW-15, and MW-14) were sampled for concentrations of benzene, toluene, ethylbenzene, and xylene (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.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during each quarterly sampling event of 2021, are depicted on the Inferred Groundwater Gradient Maps, Figures 2A-2D. Groundwater elevation data for 2021 is provided as Table 1. Historical groundwater elevation data beginning at project inception is summarized on Table 7.

The most recent Inferred Groundwater Gradient Map, Figure 2D, indicated a gradient of 0.0027 feet/foot to the southeast as measured between monitor well MW-10 and MW-13. Groundwater Gradient Maps generated during the 1st, 2nd, and 3rd quarters of the reporting period indicated a gradient ranging from 0.0022 to 0.0027 feet/foot in a southeast direction. The corrected groundwater elevations ranged between 3,920.90 and 3,921.86 feet above mean sea level, in monitor well MW-13 on December 9, 2021, and recovery well RW-1 on March 23, 2021, respectively.

LABORATORY RESULTS

Monitor and recovery well quarterly sampling activities

A measurable thickness of PSH was present in six (6) of the fifteen (15) monitor wells (MW-2, MW-3, MW-4, MW-5, MW-6, and MW-9) and the four (4) recovery wells (RW-1, RW-2, RW-3, and RW-4) during all (4) quarters of the reporting period.

Groundwater samples obtained during all four (4) quarterly sampling events of 2021 were delivered to Permian Basin Environmental Laboratories, LP (PBE Lab) in Midland, Texas for determination of BTEX constituent concentrations by EPA Method 8021B.

Polynuclear Aromatic Hydrocarbons (PAH) analysis by EPA Method 8270 was conducted during the 4th quarter of the 2021 calendar year on selected monitor and recovery wells. Based on historical PAH analytical data, only those wells exhibiting elevated constituent concentrations above New Mexico Water Quality Control Commission (NMWQCC) Drinking Water Standards are sampled, generally with the exclusion of those wells containing measurable PSH thicknesses. The monitor and recovery wells sampled for analysis of PAH concentrations exhibited two (2) or more PAH constituent concentrations exceeding the NMWQCC Drinking Water Standards, with the exception of monitor well MW-6, which did not exhibit any PAH constituent concentrations above the NMWQCC Drinking Water Standards. The analytical results of 2021 polynuclear aromatic hydrocarbon concentrations in groundwater are summarized in Table 3 and historical polynuclear aromatic hydrocarbon concentrations in groundwater are summarized in Table 9. A listing of 2021 BTEX concentrations in groundwater are summarized in Table 2 and historical BTEX concentrations in groundwater are summarized in Table 8. 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/sampled 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. PSH thicknesses of 3.13 feet, 2.34 feet, 2.99 feet, and 2.03 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2021, respectively. During the 4th quarter sampling event, the PSH in the monitor well was pumped down and BTEX and PAH samples were collected and submitted to the laboratory for analysis.

The analytical results indicated the benzene concentration was 0.224 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 the reporting period. The toluene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period. The ethylbenzene concentration was 0.116 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 0.485 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 fluorene (0.0024 mg/L), and phenanthrene (0.0043 mg/L).

Monitor well MW-3 is monitored/sampled on a quarterly schedule. Monitor well MW-3 was not sampled during the 1st, 2nd, and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 1.75 feet, 2.99 feet, 3.38 feet, and 2.23 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2021, respectively. During the 4th quarter sampling event, the PSH in the monitor well was pumped down and BTEX and PAH samples were collected and submitted to the laboratory for analysis.

The analytical results indicated the benzene concentration was 0.784 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 0.00235 mg/L during the 4th quarter of the reporting period. The toluene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period. The ethylbenzene concentration was 0.217 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 0.37015 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 fluorene (0.0018 mg/L), phenanthrene (0.0018 mg/L), and naphthalene (0.0411 mg/L).

Monitor well MW-4 is monitored/sampled on a quarterly schedule. Monitor well MW-4 was not sampled during the 1st, 2nd, and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 2.02 feet, 2.23 feet, 1.34 feet, and 0.70 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2021, respectively. During the 4th quarter sampling event, the PSH in the monitor well was pumped down and BTEX and PAH samples were collected and submitted to the laboratory for analysis.

The analytical results indicated the benzene concentration was 0.0108 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 0.00861 mg/L during the 4th quarter of the reporting period. The toluene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period. The ethylbenzene concentration was 0.054 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 0.2025 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 fluorene (0.0016 mg/L), and phenanthrene (0.0031 mg/L).

Monitor well MW-5 is monitored on a quarterly schedule. Monitor well MW-5 was not sampled during the 1st, 2nd, and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 3.40 feet, 3.51 feet, 3.64 feet, and 3.07 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2021, respectively.

Monitor well MW-5 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 MW-5 stabilized at a pH of 7.06, a temperature of 20.06°C, Conductivity of 0.789 mhos/cm, ORP of -102 mV, DO of 2.38 mg/L, and turbidity of 25.4 NTU.

The analytical results indicated the benzene concentration was 8.13 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 2.12 mg/L during the 4th quarter of 2021. The toluene concentration was above the NMOCD regulatory guideline during the 4th quarter of the reporting period. The ethylbenzene concentration was 0.643 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 1.238 mg/L during the 4th quarter of 2021. The xylene concentration was above 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 fluorene (0.0022 mg/L), phenanthrene (0.0020 mg/L), and naphthalene (0.089 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 applicable laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the laboratory RL.

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. PSH thicknesses of 0.12 feet, 0.08 feet, 0.13 feet, and 0.03 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 “Downgradient within 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 MW-6 stabilized

at a pH of 6.87, a temperature of 19.13°C, Conductivity of 0.649 mhos/cm, ORP of -126 mV, DO of 0.98 mg/L, and turbidity of 42.7 NTU.

The analytical results indicated the benzene, toluene, ethylbenzene, and xylene concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter of the reporting period.

PAH analysis during the 4th quarter sampling event indicated all PAH constituent concentrations were below NMWQCC Drinking Water Standards.

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-6. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was Decreasing in monitor well MW-6. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was Decreasing in monitor well MW-6. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was Decreasing in monitor well MW-6.

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

Monitor well MW-7 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory Reporting Limit (RL) and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 3rd quarter of 2001. PAH analysis was not required in monitor well MW-7 based on historical PAH analytical data.

Monitor well MW-9 is monitored on a quarterly schedule. Monitor well MW-9 was not sampled during the 1st, 2nd, and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 1.88 feet, 2.05 feet, 1.18 feet, and 0.53 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2021, respectively.

Monitor well MW-9 was selected as an MNA parameter well and is located in the “Upgradient within 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 MW-9 stabilized at a pH of 7.09, a temperature of 19.27°C, Conductivity of 0.863 mhos/cm, ORP of -171 mV, DO of 5.39 mg/L, and turbidity of 29.2 NTU.

The analytical results indicated the benzene concentration was 0.0141 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 0.0444 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 0.120 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 0.507 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 benzo[a]anthracene (0.0023 mg/L), fluorene (0.0051 mg/L), phenanthrene (0.0059 mg/L), and naphthalene (0.047 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-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 “No Trend” in monitor well MW-9.

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

Monitor well MW-10 is sampled on an annual schedule and the analytical results indicated benzene and toluene concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The ethylbenzene concentration was 0.00392 mg/L during the 4th quarter sampling event. The ethylbenzene concentration was below the NMOCD regulatory guideline during the 4th quarter sampling event. The xylene concentration was 0.00298 mg/L during the 4th quarter sampling event. The xylene concentration was below the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 2000. PAH analysis was not required in monitor well MW-10 based on historical PAH analytical data.

Monitor well MW-10 was selected as an MNA parameter well and is located in the “Upgradient of Plume” location. Groundwater samples were obtained using low-flow sampling techniques. The water quality parameters for monitor MW-10 stabilized at a pH of 7.18, a temperature of 16.85°C, Conductivity of 0.793 mhos/cm, ORP of 146 mV, DO of 7.68 mg/L, and turbidity of 800 NTU.

Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was Stable in monitor well MW-10. 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-10. 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-10. 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-10.

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

Monitor well MW-11 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 2004. PAH analysis was not required in monitor well MW-11 based on historical PAH analytical data.

Monitor well MW-12 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 2000. PAH analysis was not required in monitor well MW-12 based on historical PAH analytical data.

Monitor well MW-13 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 2nd quarter of 2012. PAH analysis was not required in monitor well MW-13 based on historical PAH analytical data.

Monitor well MW-14 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required in monitor well MW-14 based on historical PAH analytical data.

Monitor well MW-14 was selected as an MNA parameter well and is located in the “Cross gradient of Plume” location. Groundwater samples collected during the 4th quarter of the reporting period were obtained using low-flow sampling techniques. The water quality parameters for monitor MW-14 stabilized at a pH of 7.04, a temperature of 19.19°C, Conductivity of 0.694 mhos/cm, ORP of -78 mV, DO of 1.46 mg/L, and turbidity of 66.1 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-14. 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-14. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was Decreasing in monitor well MW-14. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was Decreasing in monitor well MW-14.

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

Monitor well MW-15 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 2nd quarter of 2015. PAH analysis was not required in monitor well MW-15 based on historical PAH analytical data.

Monitor well MW-15 was selected as an MNA parameter well and is located in the “Downgradient of Plume” location. Groundwater samples were obtained using low-flow sampling techniques. The water quality parameters for monitor MW-15 stabilized at a pH of 7.27, a temperature of 18.17°C, Conductivity of 0.615 mhos/cm, ORP of 122 mV, DO of 6.95 mg/L, and turbidity of 150 NTU.

Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was Probably Decreasing in monitor well MW-15. 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-15. 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-15. 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-15.

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

Monitor well MW-16 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 1st quarter of 2004. PAH analysis was not required in monitor well MW-16 based on historical PAH analytical data.

Monitor well MW-18 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 3rd quarter of 2009. PAH analysis was not required in monitor well MW-18 based on historical PAH analytical data.

Recovery well RW-1 is monitored on a quarterly schedule. Recovery well RW-1 was not sampled during the 1st, 2nd, and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 3.02 feet, 3.30 feet, 3.38 feet, and 1.36 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2021, respectively. During the 4th quarter sampling event, the PSH in the monitor

well was pumped down and BTEX and PAH samples were collected and submitted to the laboratory for analysis.

The analytical results indicated the benzene concentration was 6.25 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 0.306 mg/L during the 4th quarter of the reporting period. The toluene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period. The ethylbenzene concentration was 0.598 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 1.536 mg/L during the 4th quarter of 2021. The xylene concentration was above 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 benzo[a]anthracene (0.00088 mg/L), fluorene (0.0043 mg/L), phenanthrene (0.0090 mg/L), and naphthalene (0.189 mg/L).

Recovery well RW-2 is monitored on a quarterly schedule. Recovery well RW-2 was not sampled during the 1st, 2nd, and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.23 feet, 0.79 feet, 1.36 feet, and 0.46 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2021, respectively. During the 4th quarter sampling event, the PSH in the monitor well was pumped down and BTEX and PAH samples were collected and submitted to the laboratory for analysis.

The analytical results indicated the benzene concentration was 3.43 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 0.00346 mg/L during the 4th quarter of the reporting period. The toluene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period. The ethylbenzene concentration was 0.215 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 0.261 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 fluorene (0.0014 mg/L), phenanthrene (0.0021 mg/L), and naphthalene (0.060 mg/L).

Recovery well RW-3 is monitored on a quarterly schedule. Recovery well RW-3 was not sampled during the 1st, 2nd, and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 2.66 feet, 3.29 feet, 3.22 feet, and 1.13 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2021, respectively. During the 4th quarter sampling event, the PSH in the monitor well was pumped down and BTEX and PAH samples were collected and submitted to the laboratory for analysis.

The analytical results indicated the benzene concentration was 18.8 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 0.0236 mg/L during the 4th quarter of the reporting period. The toluene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period. The ethylbenzene concentration was 2.17 mg/L during the 4th quarter of 2021. The ethylbenzene concentration was above the NMOCD regulatory guideline during the 4th quarter of the reporting period. The xylene concentration was 5.007 mg/L during the 4th quarter of 2021. The xylene concentration was above the NMOCD regulatory guideline during the 4th quarter of the reporting period.

PAH analysis during the 4th quarter sampling event indicated potentially elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]anthracene (<0.0010 mg/L), benzo[a]pyrene (<0.0010 mg/L), chrysene (<0.0010 mg/L), and dibenzo[a,h]anthracene (<0.0010 mg/L), and elevated concentrations above NMWQCC Drinking Water Standards for fluorene (0.013 mg/L), phenanthrene (0.015 mg/L), and naphthalene (0.237 mg/L).

Recovery well RW-4 is monitored on a quarterly schedule. Recovery well RW-4 was not sampled during the 1st, 2nd, and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 2.69 feet, 3.43 feet, 3.50 feet, and 2.16 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2021, respectively. During the 4th quarter sampling event, the PSH in the monitor well was pumped down and BTEX and PAH samples were collected and submitted to the laboratory for analysis.

The analytical results indicated the benzene concentration was 12.1 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 0.0204 mg/L during the 4th quarter of the reporting period. The toluene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period. The ethylbenzene concentration was 1.35 mg/L during the 4th quarter of 2021. The ethylbenzene concentration was above the NMOCD regulatory guideline during the 4th quarter of the reporting period. The xylene concentration was 2.554 mg/L during the 4th quarter of 2021. The xylene concentration was above the NMOCD regulatory guideline during the 4th quarter of the reporting period.

PAH analysis during the 4th quarter sampling event indicated potentially elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]pyrene (<0.0010 mg/L) and dibenzo[a,h]anthracene (<0.0010 mg/L), and elevated concentrations above NMWQCC Drinking Water Standards for anthracene (0.019 mg/L), benzo[a]anthracene (0.011 mg/L), chrysene (0.0052 mg/L), fluoranthene (0.0047 mg/L), fluorene (0.046 mg/L), phenanthrene (0.14 mg/L), and naphthalene (2.13 mg/L).

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

Effluent water sampling activities

As requested by the NMOCD in December 2019, “post carbon” water samples were collected and analyzed for concentrations of NMWQCC metals on a monthly schedule to ensure metal concentrations did not exceed the NMWQCC Drinking Water Standards.

During the 2021 reporting period, one (1) “post-carbon” monthly effluent water sample (January 27, 2021) was collected and submitted to the laboratory for analysis of NMWQCC metals. The analytical results indicated all concentrations of NMWQCC metals were less the NMWQCC Drinking water standards. Please reference Table 4 for the 2021 NMWQCC Metals Concentrations in Effluent Groundwater and Table 10 for the historical NMWQCC Metals Concentrations in Effluent Groundwater.

On January 27, 2021, Effluent water (post-carbon) samples were collected and delivered to Permian Basin Environmental Laboratories, in Midland, Texas for determination of BTEX constituent concentrations by EPA Method 8021B and PAH analysis using EPA Method 8270.

The analytical results of “post carbon” effluent water analysis indicated the concentration of benzene exceeded the NMOCD regulatory guideline at 0.06440 mg/L. Concentrations of toluene, ethylbenzene and xylene were 0.0126 mg/L, 0.0194 mg/L, and 0.0582 mg/L, respectively. The analytical results indicated benzene concentrations exceeded the NMWQCC Drinking Water Standards. On receipt and evaluation of all the analytical results, the enhanced recovery system was taken out of service for maintenance and no additional monthly water samples were collected while repairs to the system were in progress.

Please note, during maintenance activities, all groundwater recovered from the Site was stored in the on-site frac tank and was periodically transported to an NMOCD approved disposal. During the maintenance activities no water has been discharged to the on-site infiltration gallery wells.

Please note, the sparging system remained operational following the system shut down to maintain downgradient control of the PSH plume. Please reference Table 5 for a summary of 2021 BTEX concentrations in effluent groundwater and Table 11 for a summary of historical BTEX concentrations in effluent groundwater.

The analytical results indicated all PAH constituent concentrations were less than the applicable laboratory RL and NMWQCC Drinking Water Standards. Please reference Table 6 for a summary of 2021 polynuclear aromatic hydrocarbon concentrations in effluent groundwater and Table 12 for a summary of polynuclear aromatic hydrocarbon concentrations in effluent groundwater.

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

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, manganese²⁺, iron³⁺, 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	$\text{CH}_2\text{O} + \text{O}_2 \rightarrow \text{CO}_2 + \text{H}_2\text{O}$	-120 Kcal/mol
Denitrification	$5\text{CH}_2\text{O} + 3\text{NO}_3 + 4\text{H}^+ \rightarrow \text{CO}_2 + 7\text{H}_2\text{O} + 2\text{N}_2$	-114 Kcal/mol
Manganese Reduction	$\text{CH}_2\text{O} + 2\text{MnO}_2 + 4\text{H}^+ \rightarrow \text{CO}_2 + 3\text{H}_2\text{O} + 2\text{Mn}^{2+}$	-81 Kcal/mol
Iron Reduction	$\text{CH}_2\text{O} + 4\text{Fe}(\text{OH})_3 + 8\text{H}^+ \rightarrow \text{CO}_2 + 11\text{H}_2\text{O} + 4\text{Fe}^{2+}$	-28 Kcal/mol
Sulfate Reduction	$2\text{CH}_2\text{O} + \text{SO}_4^{2-} + \text{H}^+ \rightarrow 2\text{CO}_2 + 2\text{H}_2\text{O} + \text{HS}^-$	-25 Kcal/mol
Methanogenesis	$2\text{CH}_2\text{O} \rightarrow \text{CH}_3\text{COOH} \rightarrow \text{CH}_4 + \text{CO}_2$	-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, six (6) monitor/recovery wells were sampled. These wells generally included one (1) well upgradient of the plume (MW-10), one (1) well upgradient within the plume (MW-9), one (1) well near the center of the plume (MW-5), one (1) well downgradient within the plume (MW-6), one (1) well downgradient of the plume (MW-15), and one (1) well cross-gradient of the plume center (MW-14).

The six (6) monitor/recovery wells (MW-10, MW-9, MW-5, MW-6, MW-15, and MW-14) 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 applicable laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the laboratory RL.

The analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor wells MW-10, MW-6, MW-15, and MW-14 to 8.13 mg/L for monitor well MW-5. Please reference Table 13 for GSI-MKT benzene results.

The analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-10, MW-6, MW-15, and MW-14 to 2.12 mg/L for monitor well MW-5. Please reference Table 14 for GSI-MKT toluene results.

The analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-6, MW-15, and MW-14 to 0.643 mg/L for monitor well MW-5. Please reference Table 15 for GSI-MKT ethylbenzene results.

The analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-6, MW-15, and MW-14 to 1.238 mg/L for monitor well MW-5. Please reference Table 16 for GSI-MKT xylene results.

The analytical results for concentrations of TOC ranged less than the applicable laboratory RL for monitor well MW-14 to 4.89 mg/L for monitor well MW-5. Please reference Table 17 for GSI-MKT TOC results.

The analytical results for concentrations of Dissolved Methane ranged from 0.00253 mg/L for monitor well MW-10 to 5.97 mg/L for monitor well MW-5. Please reference Table 18 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-10, MW-9, MW-5, MW-15 and MW-14 to 0.00258 mg/L for monitor well MW-6. Please reference Table 19 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, MW-5, MW-15, and MW-14 to 0.00364 mg/L for monitor well MW-6. Please reference Table 20 for GSI-MKT Dissolved Ethene results.

The analytical results for concentrations of Dissolved Iron (filtered) ranged from 0.0325 mg/L for monitor well MW-15 to 2.83 mg/L for monitor well MW-6. Please reference Table 21 for GSI-MKT Dissolved Iron (filtered) results.

The analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.0104 mg/L for monitor well MW-10 to 0.216 mg/L for monitor well MW-5. Please reference Table 22 for GSI-MKT Dissolved Manganese (filtered) results.

The analytical results for concentrations of Nitrate ranged from 0.567 mg/L for monitor well MW-11 to 8.31 mg/L for monitor well MW-10. Please reference Table 23 for GSI-MKT Nitrate results.

The analytical results for concentrations of Sulfate ranged from 23.6 mg/L for monitor well MW-5 to 73.7 mg/L for monitor well MW-15. Please reference Table 24 for GSI-MKT Sulfate results.

The analytical results for concentrations of COD ranged from less than the applicable laboratory RL for monitor wells MW-10, MW-9, MW-6, MW-15, AND MW-14 to 5.00 mg/L for monitor well MW-5. Please reference Table 25 for GSI-MKT COD results.

SUMMARY

This report presents the results of monitoring activities for the 2021 annual monitoring period. There are currently fifteen (15) monitor wells (MW-2 through MW-7, and MW-9 through MW-16, and MW-18) and four (4) recovery wells (RW-1, RW-2, RW-3, and RW-4) on site. The most recent Inferred Groundwater Gradient Map, Figure 2D, indicated a gradient of 0.0027 feet/foot to the southeast as measured between monitor well MW-10 and MW-13. Groundwater Gradient Maps generated during the 1st, 2nd, and 3rd quarters of the reporting period indicated a gradient ranging from 0.0022 to 0.0027 feet/foot in a southeast direction. A measurable thickness of PSH was present in six (6) of the fifteen (15) monitor wells (MW-2, MW-3, MW-4, MW-5, MW-6, and MW-9) and the four (4) recovery wells (RW-1, RW-2, RW-3, and RW-4) during all (4) quarters of the reporting period.

The average thickness of PSH in monitor wells and recovery wells exhibiting PSH was 2.20 feet. The maximum thickness of PSH in monitor wells and recovery wells was 3.64 feet as recorded in monitor well MW-5 on September 30, 2021. PSH data for the 2021 gauging events can be found

in Table 1. Approximately 80.43 gallons (approximately 1.92 barrels) of PSH was recovered from the Site during the 2021 reporting period. Due to maintenance issues during the 2021 reporting period, approximately 2,402 barrels of groundwater was removed from the separation frac tank and disposed of at an NMOCD approved disposal. A total of approximately 10,273.03 gallons (approximately 244.60 barrels) of PSH have been recovered since project inception.

A total of approximately 10,273.03 gallons (approximately 244.60 barrels) of PSH have been recovered since project inception.

Review of the 4th quarter 2021 laboratory analytical results of groundwater samples indicated BTEX constituent concentrations are below the NMOCD regulatory guidelines in ten (10) of the nineteen (19) on-site monitor and recovery wells. PSH was observed in ten (10) of the monitor and recovery wells during one (1) or more quarters of the reporting period.

During the 2021 reporting period, one (1) “post-carbon” monthly effluent water sample (January 27, 2021) was collected and submitted to the laboratory for analysis of NMWQCC metals. The analytical results indicated all concentrations of NMWQCC metals were less the NMWQCC Drinking Water Standards.

The analytical results indicated the on-site TNM 97-04 Sparging System has been effective in confining PSH and the dissolved phase hydrocarbon plume to the core of the TNM 97-04 Release Site. Down-gradient monitor wells (MW-15, MW-13, and MW-18) have not exhibited BTEX concentrations exceeding the NMOCD regulatory guidelines since the 2nd quarter of 2015.

Polynuclear Aromatic Hydrocarbons (PAH) analysis by EPA Method 8270 was conducted during the 4th quarter of the 2021 calendar year on selected monitor and recovery wells. Based on historical PAH analytical data, only those wells exhibiting elevated constituent concentrations above NMWQCC Drinking Water Standards are sampled, generally with the exclusion of those wells containing measurable PSH thicknesses. During the 4th quarter sampling event, the PSH in the monitor wells MW-2 through MW-6, and MW-9 and recovery wells RW-1 through RW-4 was pumped down and BTEX and PAH samples were collected and submitted to the laboratory for analysis. The monitor and recovery wells sampled for analysis of PAH concentrations exhibited two (2) or more PAH constituent concentrations exceeding the NWWQCC Drinking Water Standards, with the exception of monitor well MW-6, which did not exhibit any PAH constituent concentrations above the NWWQCC Drinking Water Standards.

On January 27, 2021, Effluent water (post-carbon) samples were collected and delivered to Permian Basin Environmental Laboratories, in Midland, Texas for determination of BTEX constituent concentrations by EPA Method 8021B and PAH analysis using EPA Method 8270.

The analytical results of “post carbon” effluent water analysis indicated the concentration of benzene exceeded the NMOCD regulatory guideline. Concentrations of toluene, ethylbenzene and xylene were less than the NMOCD regulatory guidelines. On receipt and evaluation of all the analytical results, the enhanced recovery system was taken out of service for maintenance and no additional monthly water samples were collected while repairs to the system were in progress.

Please note, during maintenance activities, all groundwater recovered from the Site was stored in the on-site frac tank and was periodically transported to an NMOCD approved disposal. During the maintenance activities no water has been discharged to the on-site infiltration gallery wells and the sparging system remained operational following the system shut down to maintain downgradient control of the PSH plume.

The analytical results indicated all PAH constituent concentrations were less than the applicable laboratory RL and NMWQCC Drinking Water Standards.

ANTICIPATED ACTIONS

The Enhanced Recovery System will resume operation during the 2022 reporting period following the upgrades and enhancements to the system. The system may be shut down for short durations of time to conduct routine maintenance and repairs. During adverse weather conditions, the system may be shut down as a safety precaution to protect the integrity of the system.

Due to past NMWQCC metals exceedances and as required by the NMOCD, “post carbon” monthly effluent water samples will be analyzed for concentrations of NMWQCC metals. On receipt of the analytical results, any exceedances will be confirmed and if warranted, reported promptly to the NMOCD.

PSH recovery, quarterly groundwater monitoring and sampling and monthly Recovery System sampling will continue in 2022.

An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2023.

As the PSH plume thicknesses decreases, monitor and recovery wells which have historically exhibited elevated constituents near or above the NMWQCC Standards will be sampled for PAH, as necessary.

Low-flow sampling of MNA parameters will be conducted on monitor wells MW-10, MW-9, MW-5, MW-6, MW-15, and MW-14 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 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 the facts and conditions referenced in this report

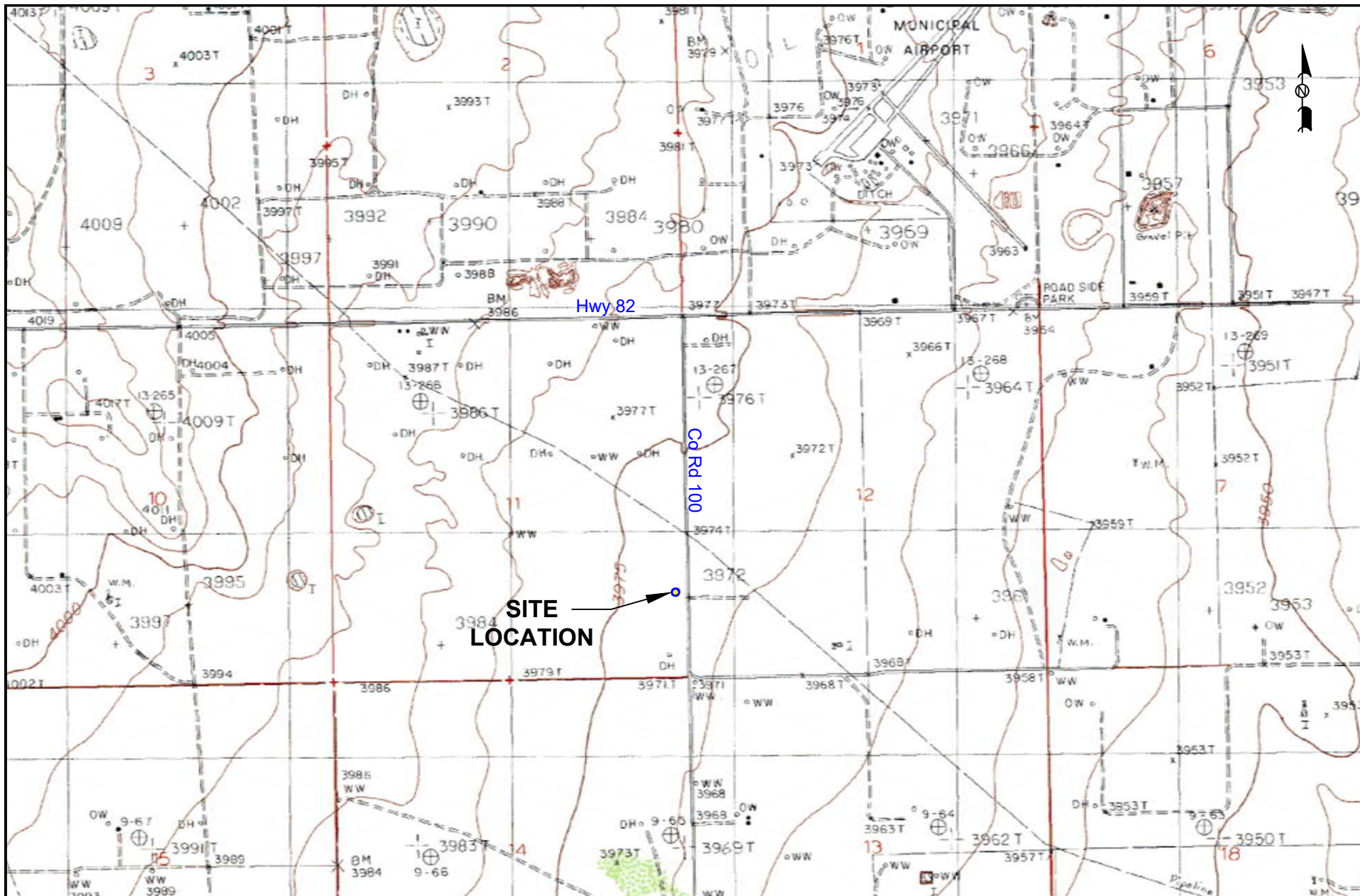
may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

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:

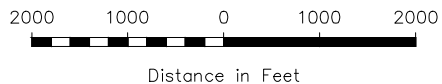


Figure 1

Site Location Map
Plains Marketing, L.P.

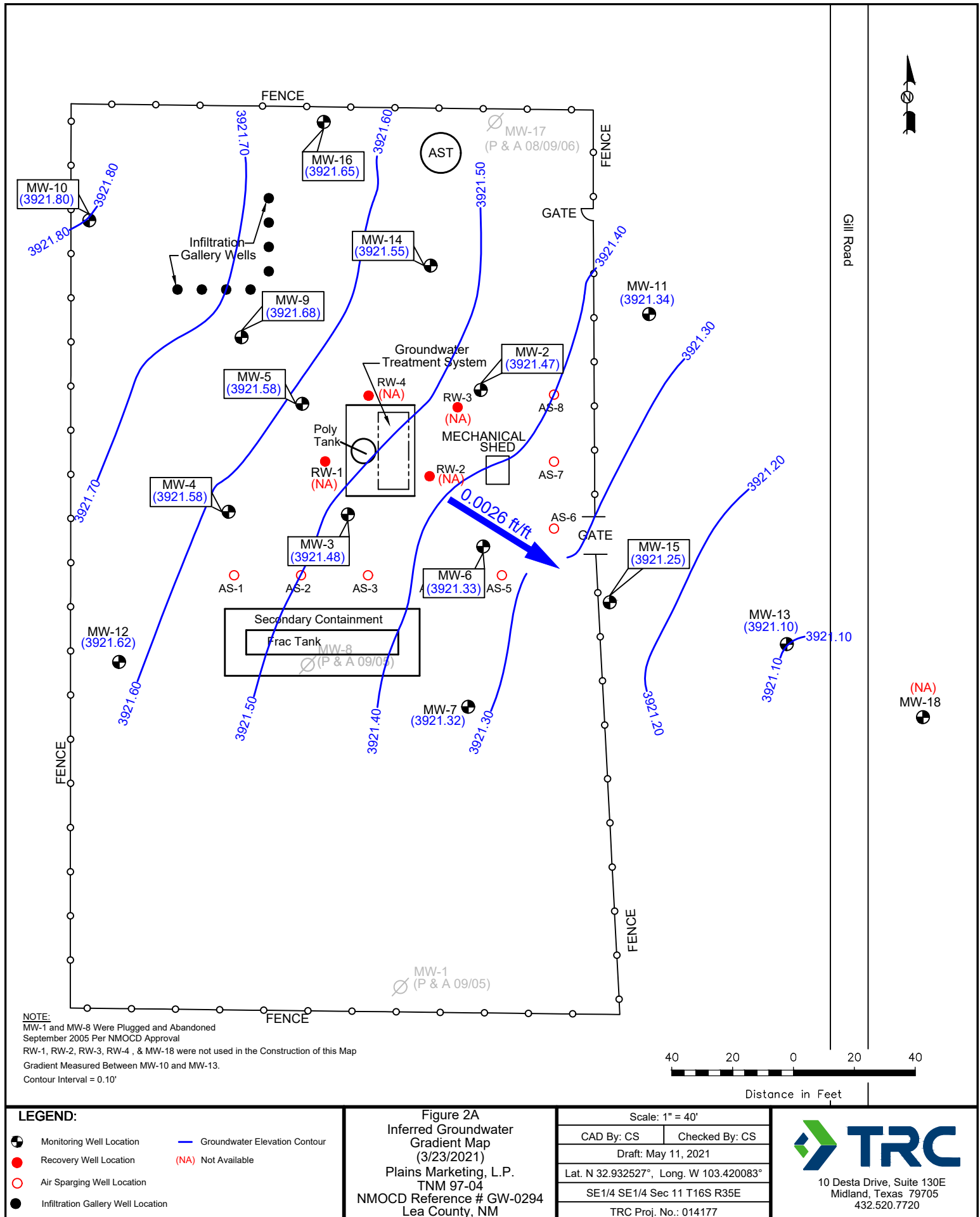
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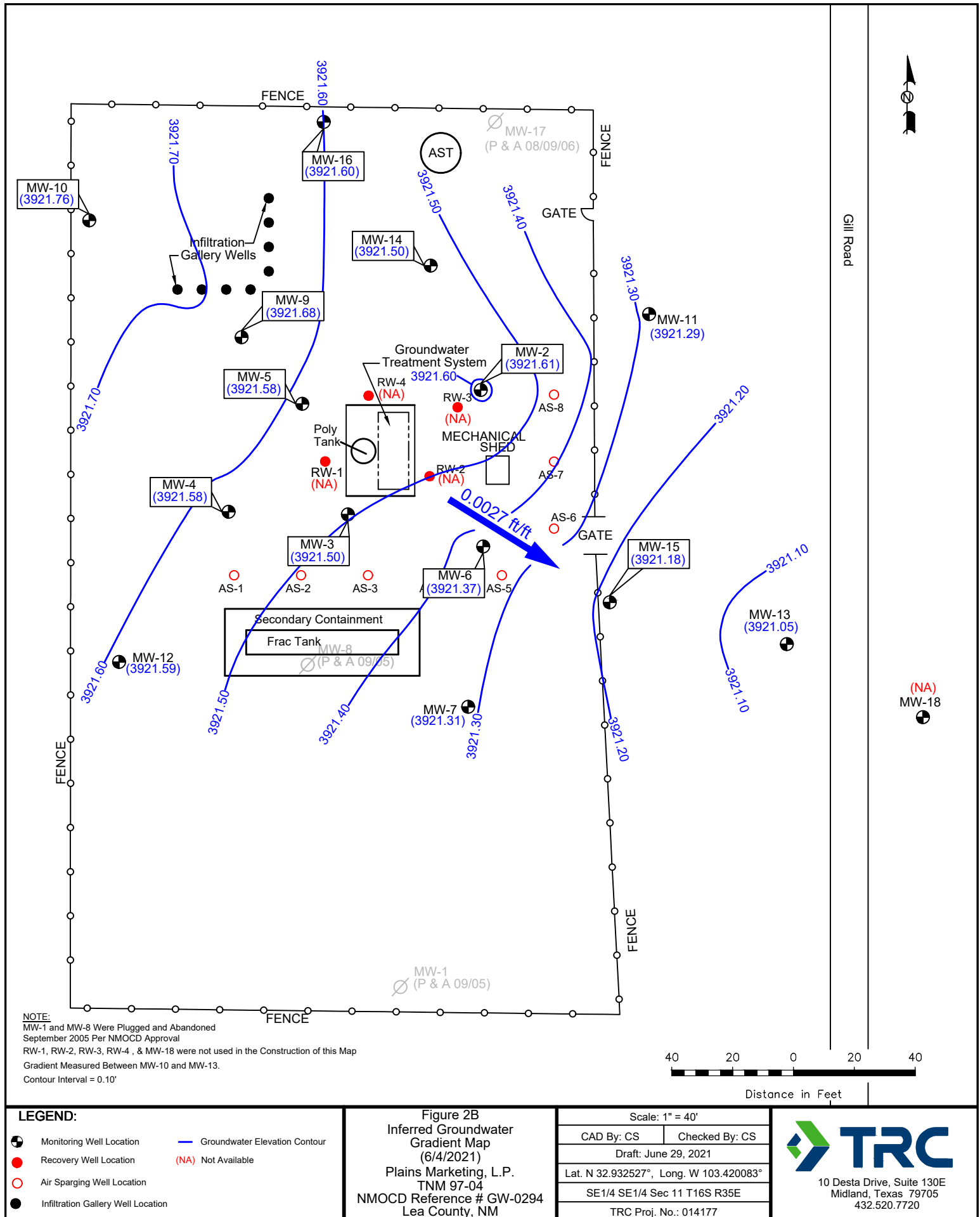
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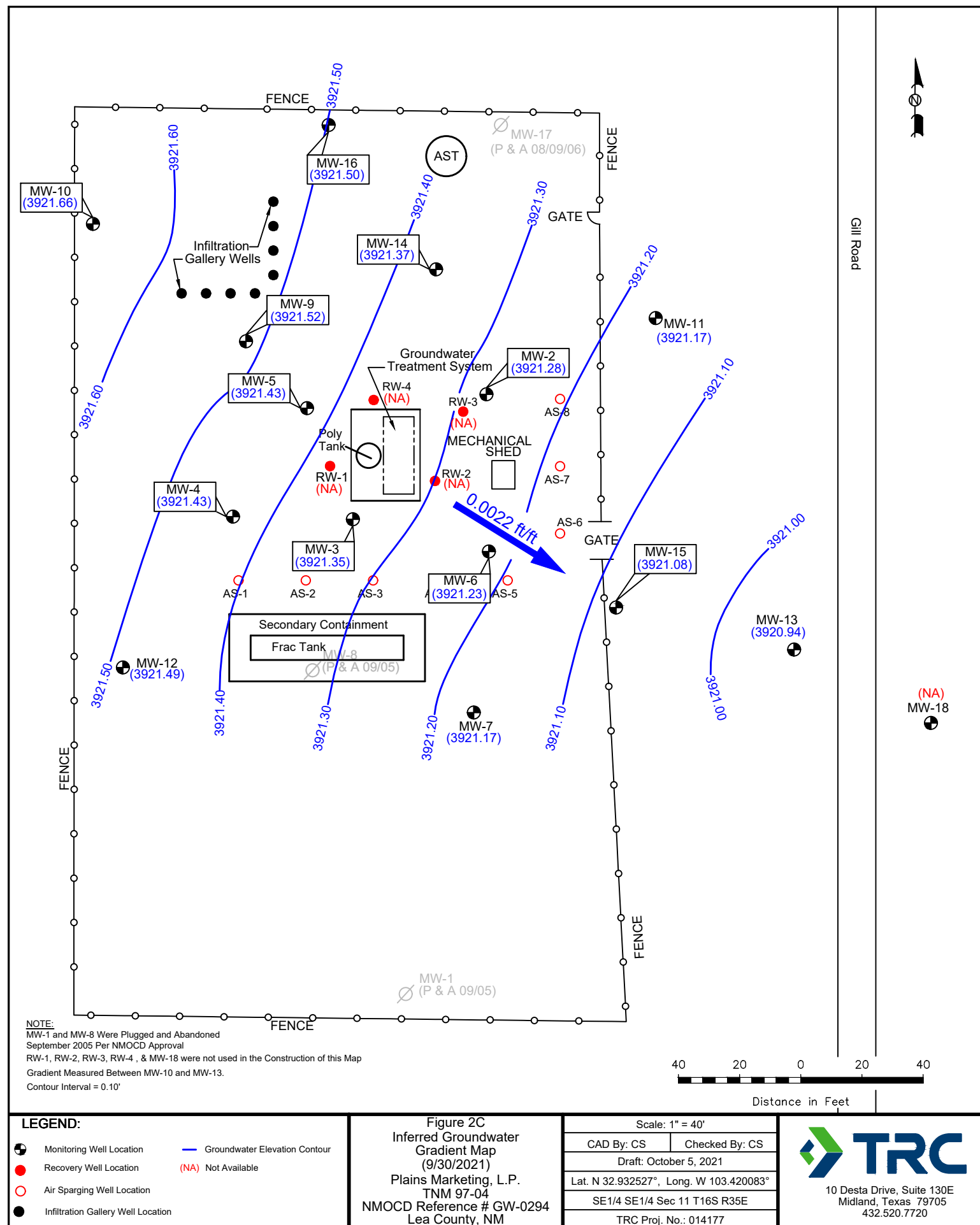
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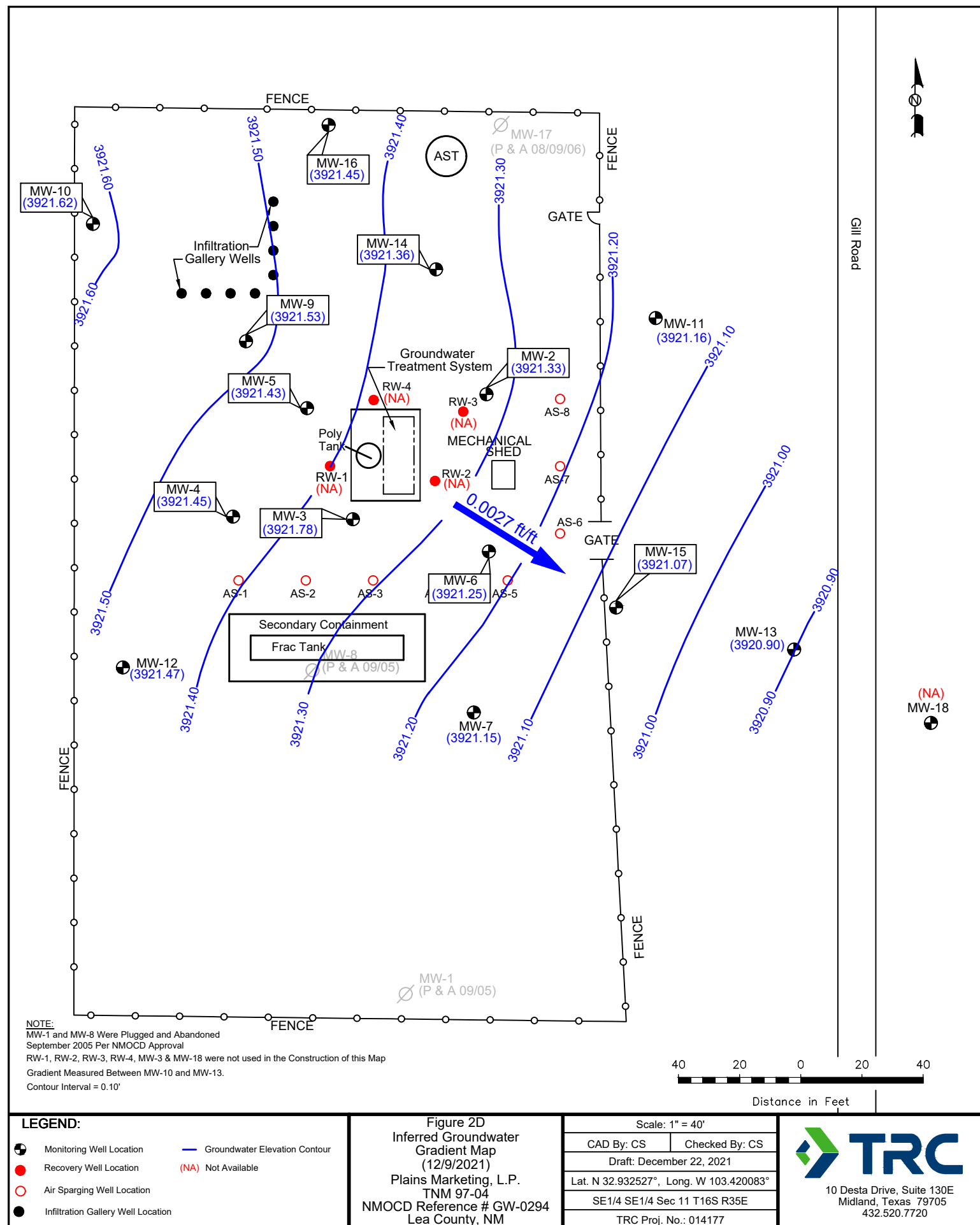


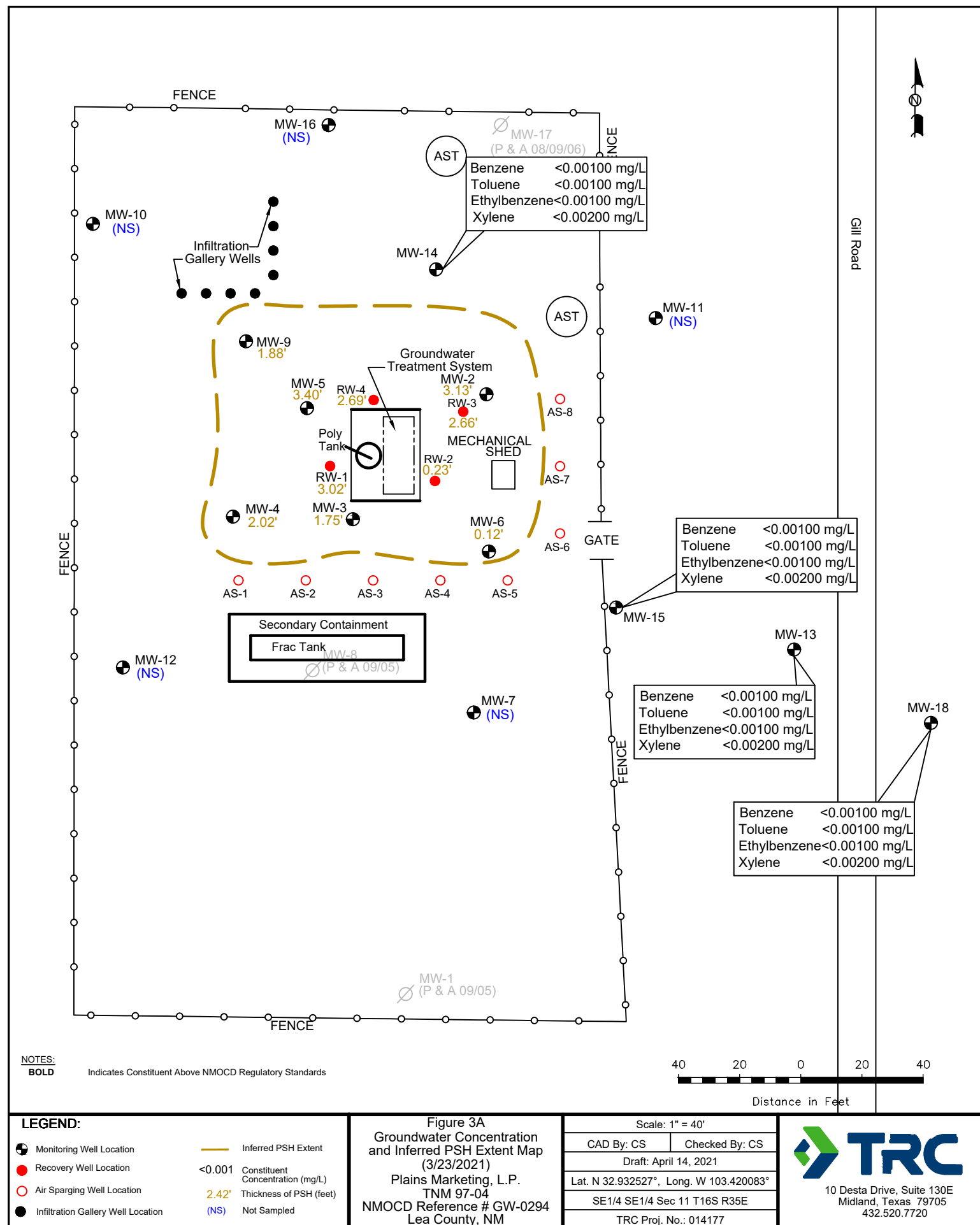
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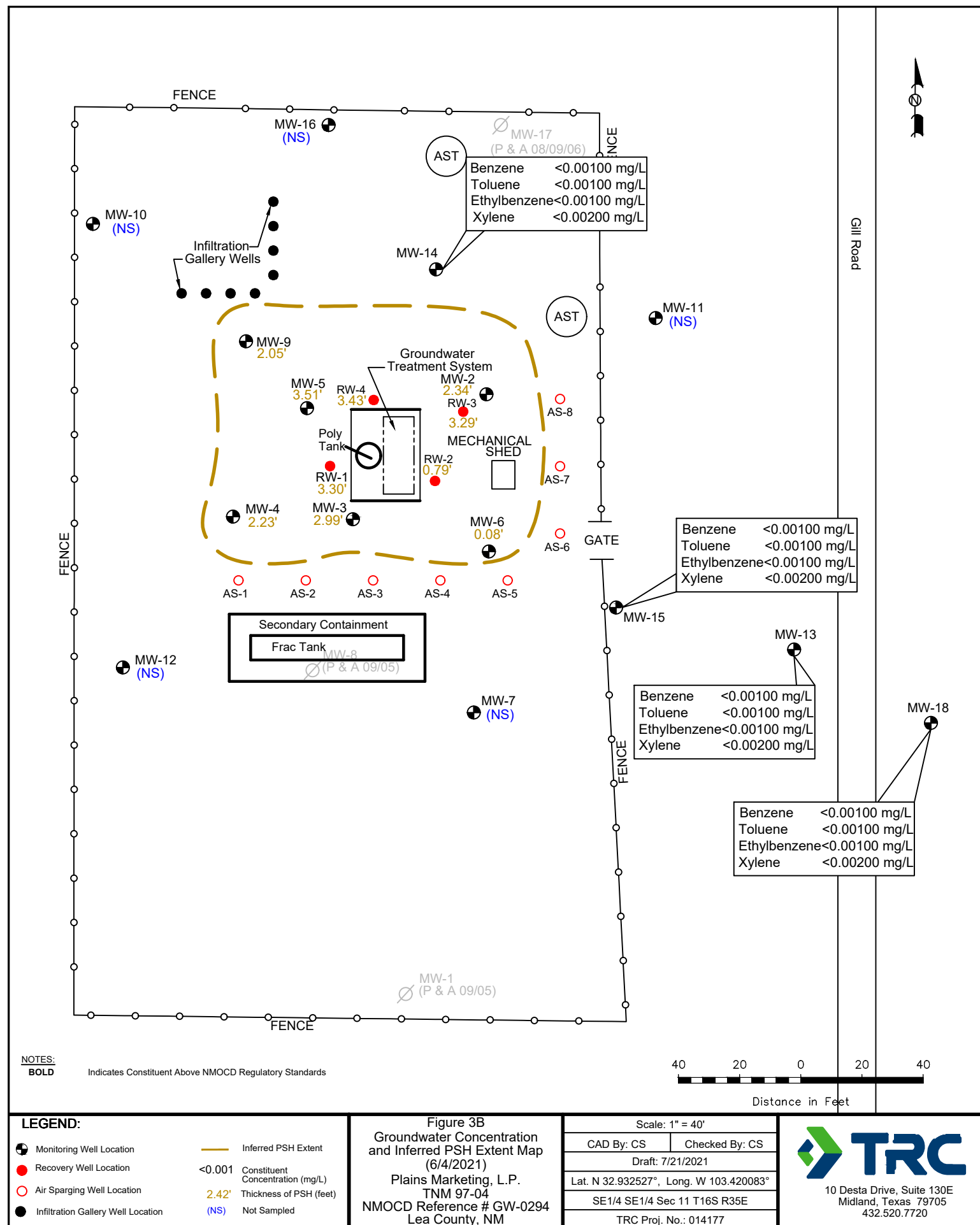


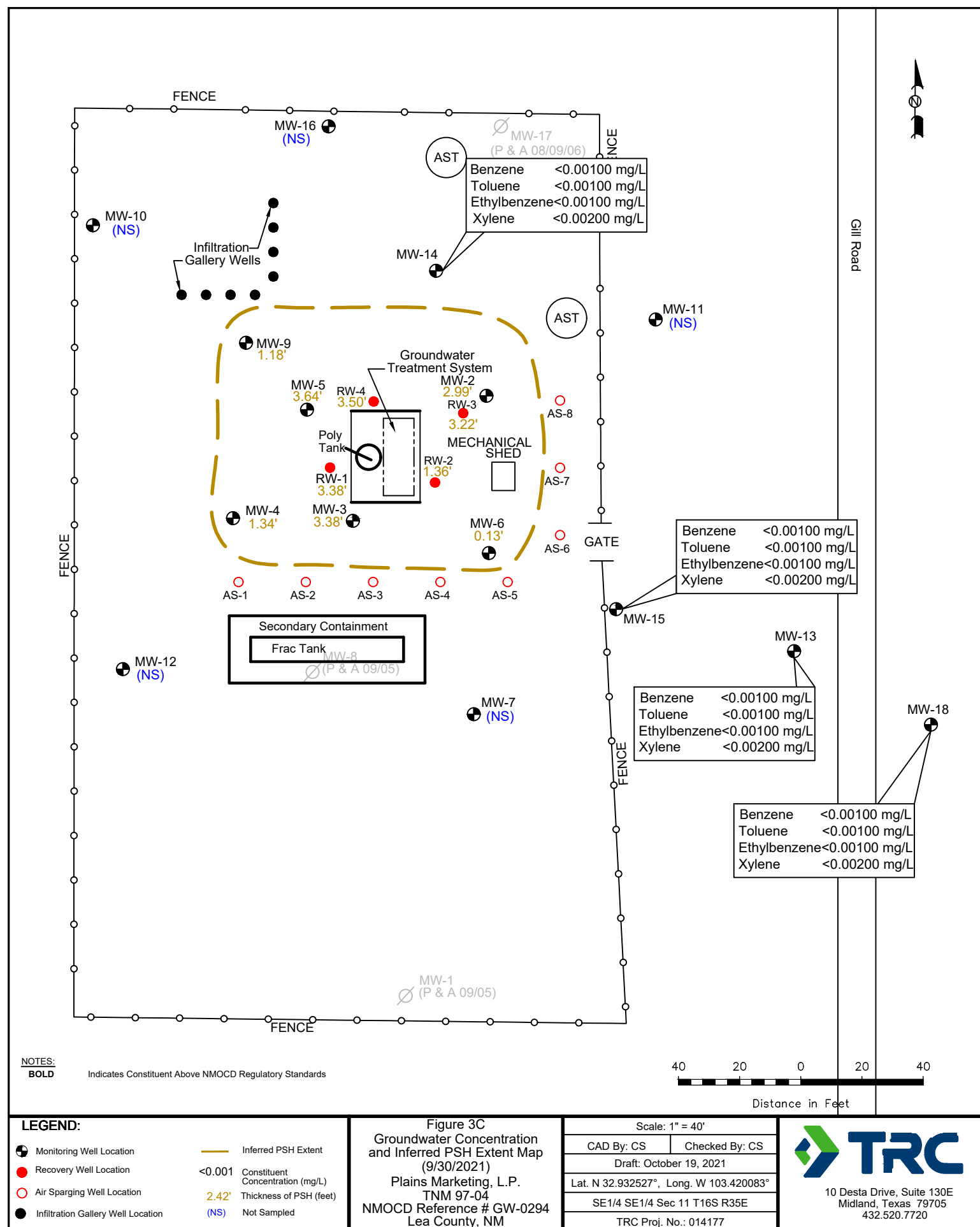


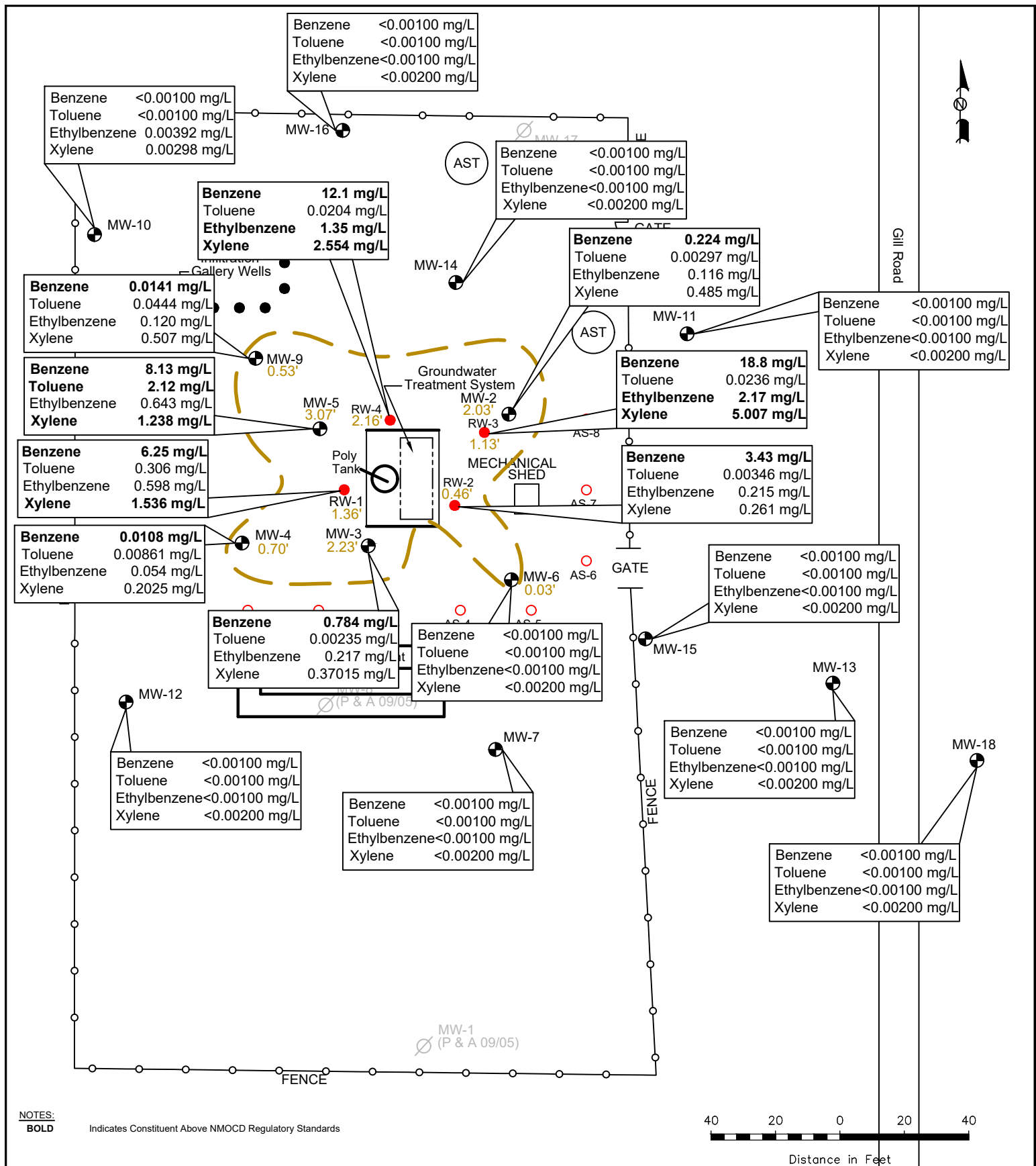












NOTES:
BOLD indicates Constituent Above NMOC Regulatory Standards

40 20 0 20 40
Distance in Feet

LEGEND:

- Monitoring Well Location
- Recovery Well Location
- Air Sparging Well Location
- Infiltration Gallery Well Location
- Inferred PSH Extent
- <0.001 Constituent Concentration (mg/L)
- 2.42' Thickness of PSH (feet)
- (NS) Not Sampled

Figure 3D
Groundwater Concentration
and Inferred PSH Extent Map
(12/9/2021)
Plains Marketing, L.P.
TNM 97-04
NMOC Reference # GW-0294
Lea County, NM

Scale: 1" = 40'

CAD By: CS Checked By: CS
Draft: January 18, 2022
Lat. N 32.932527°, Long. W 103.420083°
SE1/4 SE1/4 Sec 11 T16S R35E
TRC Proj. No.: 014177



10 Desta Drive, Suite 130E
Midland, Texas 79705
432.520.7720

TABLES

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	03/23/21	3974.62	52.68	55.81	3.13	3921.47
MW - 2	06/04/21	3974.62	52.66	55.00	2.34	3921.61
MW - 2	08/12/21	3974.62	52.77	56.16	3.39	3921.34
MW - 2	09/30/21	3974.62	52.89	55.88	2.99	3921.28
MW - 2	12/09/21	3974.62	52.99	55.02	2.03	3921.33
MW - 3	03/23/21	3974.60	52.86	54.61	1.75	3921.48
MW - 3	06/04/21	3974.60	52.65	55.64	2.99	3921.50
MW - 3	09/30/21	3974.60	52.74	56.12	3.38	3921.35
MW - 3	12/09/21	3974.60	52.49	54.72	2.23	3921.78
MW - 4	03/23/21	3974.53	52.65	54.67	2.02	3921.58
MW - 4	06/04/21	3974.53	52.62	54.85	2.23	3921.58
MW - 4	08/12/21	3974.53	52.71	55.00	2.29	3921.48
MW - 4	09/30/21	3974.53	52.90	54.24	1.34	3921.43
MW - 4	12/09/21	3974.53	52.98	53.68	0.70	3921.45
MW - 5	03/23/21	3974.27	52.18	55.58	3.40	3921.58
MW - 5	06/04/21	3974.27	52.16	55.67	3.51	3921.58
MW - 5	08/12/21	3974.27	52.26	55.87	3.61	3921.47
MW - 5	09/30/21	3974.27	52.29	55.93	3.64	3921.43
MW - 5	12/09/21	3974.27	52.38	55.45	3.07	3921.43
MW - 6	03/23/21	3974.72	53.37	53.49	0.12	3921.33
MW - 6	06/04/21	3974.72	53.34	53.42	0.08	3921.37
MW - 6	09/30/21	3974.72	53.47	53.60	0.13	3921.23
MW - 6	12/09/21	3974.72	53.47	53.50	0.03	3921.25
MW - 7	03/23/21	3974.60	-	53.28	0.00	3921.32
MW - 7	06/04/21	3974.60	-	53.29	0.00	3921.31
MW - 7	09/30/21	3974.60	-	53.43	0.00	3921.17
MW - 7	12/09/21	3974.60	-	53.45	0.00	3921.15
MW - 9	03/23/21	3975.06	53.10	54.98	1.88	3921.68
MW - 9	06/04/21	3975.06	53.07	55.12	2.05	3921.68
MW - 9	08/12/21	3975.06	53.15	55.31	2.16	3921.59
MW - 9	09/30/21	3975.06	53.36	54.54	1.18	3921.52
MW - 9	12/09/21	3975.06	53.45	53.98	0.53	3921.53
MW - 10	03/23/21	3975.02	-	53.22	0.00	3921.80
MW - 10	06/04/21	3975.02	-	53.26	0.00	3921.76
MW - 10	09/30/21	3975.02	-	53.36	0.00	3921.66
MW - 10	12/09/21	3975.02	-	53.40	0.00	3921.62

TABLE 1
GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 11	03/23/21	3975.30	-	53.96	0.00	3921.34
MW - 11	06/04/21	3975.30	-	54.01	0.00	3921.29
MW - 11	09/30/21	3975.30	-	54.13	0.00	3921.17
MW - 11	12/09/21	3975.30	-	54.14	0.00	3921.16
MW - 12	03/23/21	3974.55	-	52.93	0.00	3921.62
MW - 12	06/04/21	3974.55	-	52.96	0.00	3921.59
MW - 12	09/30/21	3974.55	-	53.06	0.00	3921.49
MW - 12	12/09/21	3974.55	-	53.08	0.00	3921.47
MW - 13	03/23/21	3975.00	-	53.90	0.00	3921.10
MW - 13	06/04/21	3975.00	-	53.95	0.00	3921.05
MW - 13	09/30/21	3975.00	-	54.06	0.00	3920.94
MW - 13	12/09/21	3975.00	-	54.10	0.00	3920.90
MW - 14	03/23/21	3976.15	-	54.60	0.00	3921.55
MW - 14	06/04/21	3976.15	-	54.65	0.00	3921.50
MW - 14	09/30/21	3976.15	-	54.78	0.00	3921.37
MW - 14	12/09/21	3976.15	-	54.79	0.00	3921.36
MW - 15	03/23/21	3974.69	-	53.44	0.00	3921.25
MW - 15	06/04/21	3974.69	-	53.51	0.00	3921.18
MW - 15	09/30/21	3974.69	-	53.61	0.00	3921.08
MW - 15	12/09/21	3974.69	-	53.62	0.00	3921.07
MW - 16	03/23/21	3975.12	-	53.47	0.00	3921.65
MW - 16	06/04/21	3975.12	-	53.52	0.00	3921.60
MW - 16	09/30/21	3975.12	-	53.62	0.00	3921.50
MW - 16	12/09/21	3975.12	-	53.67	0.00	3921.45
MW - 18	03/23/21	-	-	54.63	0.00	-
MW - 18	06/04/21	-	-	54.69	0.00	-
MW - 18	09/30/21	-	-	54.78	0.00	-
MW - 18	12/09/21	-	-	54.81	0.00	-
RW - 1	03/23/21	3970.79	48.48	51.50	3.02	3921.86
RW - 1	06/04/21	3970.79	48.46	51.76	3.30	3921.84
RW - 1	09/30/21	3970.79	48.57	51.95	3.38	3921.71
RW - 1	12/09/21	3970.79	48.92	50.28	1.36	3921.67
RW - 2	03/23/21	-	53.57	53.80	0.23	-
RW - 2	06/04/21	-	53.48	54.27	0.79	-
RW - 2	09/30/21	-	53.53	54.89	1.36	-

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	12/09/21	-	53.68	54.14	0.46	-
RW - 3	03/23/21	-	53.70	56.36	2.66	-
RW - 3	06/04/21	-	53.60	56.89	3.29	-
RW - 3	08/12/21	-	53.65	57.00	3.35	-
RW - 3	09/30/21	-	53.76	56.98	3.22	-
RW - 3	12/09/21	-	54.10	55.23	1.13	-
RW - 4	03/23/21	-	53.73	56.42	2.69	-
RW - 4	06/04/21	-	53.60	57.03	3.43	-
RW - 4	08/12/21	-	53.64	57.25	3.61	-
RW - 4	09/30/21	-	53.74	57.24	3.50	-
RW - 4	12/09/21	-	53.95	56.11	2.16	-

TABLE 2

2021 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 2	03/23/21	Not Sampled Due to PSH in Well				
MW - 2	06/04/21	Not Sampled Due to PSH in Well				
MW - 2	09/30/21	Not Sampled Due to PSH in Well				
MW - 2	12/09/21	0.224	0.00297	0.116	0.485	
MW - 3	03/23/21	Not Sampled Due to PSH in Well				
MW - 3	06/04/21	Not Sampled Due to PSH in Well				
MW - 3	09/30/21	Not Sampled Due to PSH in Well				
MW - 3	12/09/21	0.784	0.00235	0.217	0.37015	
MW - 4	03/23/21	Not Sampled Due to PSH in Well				
MW - 4	06/04/21	Not Sampled Due to PSH in Well				
MW - 4	09/30/21	Not Sampled Due to PSH in Well				
MW - 4	12/09/21	0.0108	0.00861	0.054	0.2025	
MW - 5	03/23/21	Not Sampled Due to PSH in Well				
MW - 5	06/04/21	Not Sampled Due to PSH in Well				
MW - 5	09/30/21	Not Sampled Due to PSH in Well				
MW - 5	12/09/21	8.13	2.12	0.643	1.238	
MW - 6	03/23/21	Not Sampled Due to PSH in Well				
MW - 6	06/04/21	Not Sampled Due to PSH in Well				
MW - 6	09/30/21	Not Sampled Due to PSH in Well				
MW - 6	12/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 7	03/23/21	Not Sampled on Current Sample Schedule				
MW - 7	06/04/21	Not Sampled on Current Sample Schedule				
MW - 7	09/30/21	Not Sampled on Current Sample Schedule				
MW - 7	12/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	03/23/21	Not Sampled Due to PSH in Well				
MW - 9	06/04/21	Not Sampled Due to PSH in Well				
MW - 9	09/30/21	Not Sampled Due to PSH in Well				
MW - 9	12/09/21	0.0141	0.0444	0.120	0.507	
MW - 10	03/23/21	Not Sampled on Current Sample Schedule				
MW - 10	06/04/21	Not Sampled on Current Sample Schedule				
MW - 10	09/30/21	Not Sampled on Current Sample Schedule				

TABLE 2

2021 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 10	12/09/21	<0.00100	<0.00100	0.00392	0.00298	
MW - 11	03/23/21	Not Sampled on Current Sample Schedule				
MW - 11	06/04/21	Not Sampled on Current Sample Schedule				
MW - 11	09/30/21	Not Sampled on Current Sample Schedule				
MW - 11	12/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	03/23/21	Not Sampled on Current Sample Schedule				
MW - 12	06/04/21	Not Sampled on Current Sample Schedule				
MW - 12	09/30/21	Not Sampled on Current Sample Schedule				
MW - 12	12/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	03/23/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	06/04/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	09/30/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	12/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	03/23/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	06/04/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	09/30/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	12/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	03/23/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	06/04/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	09/30/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	12/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 16	03/23/21	Not Sampled on Current Sample Schedule				
MW - 16	06/04/21	Not Sampled on Current Sample Schedule				
MW - 16	09/30/21	Not Sampled on Current Sample Schedule				
MW - 16	12/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	03/23/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	06/04/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	09/30/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	12/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 1	03/23/21	Not Sampled Due to PSH in Well				

TABLE 2

2021 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
RW - 1	06/04/21	Not Sampled Due to PSH in Well				
RW - 1	09/30/21	Not Sampled Due to PSH in Well				
RW - 1	12/09/21	6.25	0.306	0.598	1.536	
RW - 2	03/23/21	Not Sampled Due to PSH in Well				
RW - 2	06/04/21	Not Sampled Due to PSH in Well				
RW - 2	09/30/21	Not Sampled Due to PSH in Well				
RW - 2	12/09/21	3.43	0.00346	0.215	0.261	
RW - 3	03/23/21	Not Sampled Due to PSH in Well				
RW - 3	06/04/21	Not Sampled Due to PSH in Well				
RW - 3	09/30/21	Not Sampled Due to PSH in Well				
RW - 3	12/09/21	18.8	0.0236	2.17	5.007	
RW - 4	03/23/21	Not Sampled Due to PSH in Well				
RW - 4	06/04/21	Not Sampled Due to PSH in Well				
RW - 4	09/30/21	Not Sampled Due to PSH in Well				
RW - 4	12/09/21	12.1	0.0204	1.35	2.554	

TABLE 3

2021 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

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	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---
MW-2	12/09/21	0.0024	0.00030	0.00020	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00026	0.0024	<0.00010	0.0043	<0.00010	0.029		0.0035
MW-3	12/09/21	0.00088	0.00014	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0018	<0.00010	0.0018	<0.00010	0.0411		0.0022
MW-4	12/09/21	0.0013	0.00015	0.00011	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00011	0.0016	<0.00010	0.0031	<0.00010	0.0187		0.0028
MW-6	12/09/21	0.0011	0.00015	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0022	<0.00010	0.0020	<0.00010	0.089		0.0031
MW-6	12/09/21	0.00064	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00055	<0.00011	0.00021	<0.00011	0.0020		0.00061
MW-7	12/09/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-9	12/09/21	0.0023	0.00033	0.00030	0.0023	<0.00010	<0.00010	<0.00010	<0.00010	0.00038	<0.00010	<0.00010	0.0051	<0.00010	0.0059	<0.00010	0.047		0.0049
MW-10	12/09/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-11	12/09/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-12	12/09/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-13	12/09/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-14	12/09/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-15	12/09/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-16	12/09/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-18	12/09/21	Not Sampled as part of Quarterly Monitoring Event.																	

TABLE 3

2021 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

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	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---
RW-1	12/09/21	0.0017	0.00022	0.00023	0.00088	<0.00010	<0.00010	<0.00010	<0.00010	0.00028	<0.00010	<0.00010	0.0043	<0.00010	0.0090	<0.00010	0.189		0.0049
RW-2	12/09/21	0.00069	0.00011	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0014	<0.00010	0.0021	<0.00010	0.060		0.0017
RW-3	12/09/21	0.017	0.0036	0.0019	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.013	<0.0010	0.015	<0.0010	0.237		0.011
RW-4	12/09/21	0.021	0.0088	0.019	0.011	<0.0010	<0.0010	<0.0010	<0.0010	0.0052	<0.0010	0.0047	0.046	<0.0010	0.14	<0.0010	2.13		0.044

TABLE 4

2021 NMWQCC METALS CONCENTRATIONS IN EFFLUENT GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-04 TOWNSEND

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0294

All water concentrations are reported in mg/L

All water concentrations are reported in mg/L																		
SAMPLE LOCATION	SAMPLE DATE																	
		Total Aluminum	Total Boron	Total Cobalt	Total Copper	Total Iron	Total Manganese	Total Molybdenum	Total Nickel	Total Arsenic	Total Barium	Total Cadmium	Total Chromium	Total Mercury	Total Lead	Total Selenium	Total Silver	Total Zinc
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		5.0 mg/L	0.75 mg/L	0.05 mg/L	1.0 mg/L	1.0 mg/L	0.2 mg/L	1.0 mg/L	0.2 mg/L	0.1 mg/L	1.0 mg/L	0.01 mg/L	0.05 mg/L	0.002 mg/L	0.05 mg/L	0.05 mg/L	0.05 mg/L	10 mg/L
Post-Metals	01/27/21	<0.00800	0.137	<0.00800	<0.00800	0.133	0.123	<0.00800	<0.0080	<0.00800	0.260	<0.00800	<0.00800	<0.000250	0.015	<0.00800	<0.00800	0.0191

TABLE 5

2021 BTEX CONCENTRATIONS IN EFFLUENT GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

Results and Regulatory Guidelines in mg/L

Sample Date	Sample Location	Benzene	Toluene	Ethylbenzene	Xylenes
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62
01/27/21	Post Carbon	0.06440	0.0126	0.0194	0.0582

TABLE 6

2021 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN EFFLUENT GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[ghi]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
Post Carbon	01/27/21	<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	0.0050			<0.000099

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	03/02/00	3974.18	-	53.01	0.00	3921.17
MW - 1	04/25/00	3974.18	-	53.02	0.00	3921.16
MW - 1	09/06/00	3974.18	-	53.07	0.00	3921.11
MW - 1	11/28/00	3974.18	-	53.08	0.00	3921.10
MW - 1	02/21/01	3974.18	-	52.98	0.00	3921.20
MW - 1	05/31/01	3974.18	-	52.94	0.00	3921.24
MW - 1	08/23/01	3974.18	-	52.95	0.00	3921.23
MW - 1	11/21/01	3974.18	-	52.99	0.00	3921.19
MW - 1	02/13/02	3974.18	-	53.04	0.00	3921.14
MW - 1	06/12/02	3974.18	-	52.99	0.00	3921.19
MW - 1	08/26/02	3974.18	-	53.02	0.00	3921.16
MW - 1	11/21/02	3974.18	-	53.07	0.00	3921.11
MW - 1	02/05/03	3974.18	-	53.00	0.00	3921.18
MW - 1	05/07/03	3974.18	-	52.96	0.00	3921.22
MW - 1	08/18/03	3974.18	-	53.01	0.00	3921.17
MW - 1	12/01/03	3974.18	-	53.07	0.00	3921.11
MW - 1	02/05/04	3974.18	-	53.07	0.00	3921.11
MW - 1	05/05/04	3974.18	-	53.50	0.00	3920.68
MW - 1	09/01/04	3974.18	-	53.11	0.00	3921.07
MW - 1	12/15/04	3974.18	-	53.09	0.00	3921.09
MW - 1	03/22/05	3974.18	-	52.80	0.00	3921.38
MW - 1	06/22/05	3974.18	-	52.75	0.00	3921.43
MW - 1	09/14/05	PLUGGED & ABANDONED				
MW - 2	03/02/00	3974.62	52.49	55.38	2.89	3921.70
MW - 2	04/25/00	3974.62	52.59	55.42	2.83	3921.61
MW - 2	09/05/00	3974.62	52.58	55.71	3.13	3921.57
MW - 2	12/01/00	3974.62	52.75	55.23	2.48	3921.50
MW - 2	02/21/01	3974.62	52.52	55.75	3.23	3921.62
MW - 2	05/31/01	3974.62	52.77	54.75	1.98	3921.55
MW - 2	08/23/01	3974.62	52.40	55.83	3.43	3921.71
MW - 2	11/21/01	3974.62	53.02	54.21	1.19	3921.42
MW - 2	02/13/02	3974.62	52.48	56.14	3.66	3921.59
MW - 2	06/12/02	3974.62	52.44	56.11	3.67	3921.63
MW - 2	11/08/02	3974.62	52.59	55.99	3.40	3921.52
MW - 2	11/21/02	3974.62	53.13	53.54	0.41	3921.43
MW - 2	12/27/02	3974.62	52.64	55.65	3.01	3921.53
MW - 2	01/06/03	3974.62	52.80	54.81	2.01	3921.52
MW - 2	01/08/03	3974.62	52.95	54.14	1.19	3921.49
MW - 2	01/10/03	3974.62	53.15	53.32	0.17	3921.44
MW - 2	01/13/03	3974.62	53.14	53.32	0.18	3921.45
MW - 2	02/05/03	3974.62	52.70	55.28	2.58	3921.53
MW - 2	02/26/03	3974.62	52.57	55.74	3.17	3921.57

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	03/04/03	3974.62	52.58	55.75	3.17	3921.56
MW - 2	03/12/03	3974.62	52.60	55.79	3.19	3921.54
MW - 2	03/18/03	3974.62	52.61	55.71	3.10	3921.55
MW - 2	03/25/03	3974.62	52.60	55.77	3.17	3921.54
MW - 2	03/31/03	3974.62	52.59	55.71	3.12	3921.56
MW - 2	04/09/03	3974.62	52.60	53.13	0.53	3921.94
MW - 2	04/14/03	3974.62	52.64	52.89	0.25	3921.94
MW - 2	05/07/03	3974.62	52.52	55.73	3.21	3921.62
MW - 2	05/08/03	3974.62	52.60	55.81	3.21	3921.54
MW - 2	05/13/03	3974.62	52.61	55.79	3.18	3921.53
MW - 2	05/21/03	3974.62	52.62	55.83	3.21	3921.52
MW - 2	05/27/03	3974.62	52.57	55.71	3.14	3921.58
MW - 2	05/28/03	3974.62	52.63	55.83	3.20	3921.51
MW - 2	06/03/03	3974.62	52.76	55.81	3.05	3921.40
MW - 2	06/09/03	3974.62	52.62	55.79	3.17	3921.52
MW - 2	07/01/03	3974.62	52.80	53.81	1.01	3921.67
MW - 2	07/08/03	3974.62	52.69	55.92	3.23	3921.45
MW - 2	07/29/03	3974.62	52.57	55.72	3.15	3921.58
MW - 2	08/04/03	3974.62	52.76	55.91	3.15	3921.39
MW - 2	08/18/03	3974.62	52.85	54.18	1.33	3921.57
MW - 2	08/25/03	3974.62	52.86	56.04	3.18	3921.28
MW - 2	10/01/03	3974.62	52.76	52.99	0.23	3921.83
MW - 2	10/06/03	3974.62	52.63	55.69	3.06	3921.53
MW - 2	10/08/03	3974.62	52.95	56.07	3.12	3921.20
MW - 2	10/15/03	3974.62	52.93	56.08	3.15	3921.22
MW - 2	11/12/03	3974.62	53.04	54.18	1.14	3921.41
MW - 2	11/19/03	3974.62	53.03	56.18	3.15	3921.12
MW - 2	12/01/03	3974.62	53.08	56.21	3.13	3921.07
MW - 2	12/10/03	3974.62	52.74	55.82	3.08	3921.42
MW - 2	02/05/04	3974.62	53.09	56.18	3.09	3921.07
MW - 2	02/17/04	3974.62	52.78	53.51	0.73	3921.73
MW - 2	02/25/04	3974.62	53.06	56.03	2.97	3921.11
MW - 2	03/09/04	3974.62	52.83	55.87	3.04	3921.33
MW - 2	03/16/04	3974.62	52.85	55.80	2.95	3921.33
MW - 2	03/22/04	3974.62	53.32	54.00	0.68	3921.20
MW - 2	04/07/04	3974.62	52.88	53.14	0.26	3921.70
MW - 2	04/12/04	3974.62	53.21	56.03	2.82	3920.99
MW - 2	04/19/04	3974.62	52.88	53.98	1.10	3921.58
MW - 2	05/05/04	3974.62	52.88	55.83	2.95	3921.30
MW - 2	05/11/04	3974.62	52.98	55.95	2.97	3921.19
MW - 2	06/07/04	3974.62	52.63	55.49	2.86	3921.56
MW - 2	06/15/04	3974.62	-	52.57	0.00	3922.05
MW - 2	06/20/04	3974.62	52.57	WELL OBSTRUCTED		

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	06/21/04	3974.62	52.58	WELL OBSTRUCTED		
MW - 2	06/28/04	3974.62	52.58	WELL OBSTRUCTED		
MW - 2	07/08/04	3974.62	52.58	WELL OBSTRUCTED		
MW - 2	07/12/04	3974.62	52.59	WELL OBSTRUCTED		
MW - 2	08/12/04	3974.62	52.59	WELL OBSTRUCTED		
MW - 2	08/17/04	3974.62	52.63	WELL OBSTRUCTED		
MW - 2	08/26/04	3974.62	52.62	WELL OBSTRUCTED		
MW - 2	09/01/04	3974.62	53.86	54.75	0.89	3920.63
MW - 2	09/03/04	3974.62	53.86	54.75	0.89	3920.63
MW - 2	09/08/04	3974.62	53.92	54.75	0.83	3920.58
MW - 2	09/14/04	3974.62	52.90	54.75	1.85	3921.44
MW - 2	09/22/04	3974.62	53.01	54.75	1.74	3921.35
MW - 2	10/01/04	3974.62	52.88	54.90	2.02	3921.44
MW - 2	10/08/04	3974.62	52.94	55.10	2.16	3921.36
MW - 2	10/15/04	3974.62	53.10	55.10	2.00	3921.22
MW - 2	10/22/04	3974.62	52.73	55.15	2.42	3921.53
MW - 2	11/12/04	3974.62	52.68	55.65	2.97	3921.49
MW - 2	11/26/04	3974.62	52.70	54.60	1.90	3921.64
MW - 2	12/02/04	3974.62	52.72	55.50	2.78	3921.48
MW - 2	12/06/04	3974.62	52.99	55.31	2.32	3921.28
MW - 2	12/13/04	3974.62	52.80	54.70	1.90	3921.54
MW - 2	12/15/04	3974.62	52.80	54.70	1.90	3921.54
MW - 2	12/27/04	3974.62	52.80	55.20	2.40	3921.46
MW - 2	01/10/05	3974.62	52.57	55.40	2.83	3921.63
MW - 2	01/18/05	3974.62	52.63	55.17	2.54	3921.61
MW - 2	01/18/05	3974.62	52.78	54.33	1.55	3921.61
MW - 2	01/25/05	3974.62	52.51	55.35	2.84	3921.68
MW - 2	01/27/05	3974.62	52.55	55.22	2.67	3921.67
MW - 2	02/01/05	3974.62	52.52	55.55	3.03	3921.65
MW - 2	02/07/05	3974.62	52.50	55.34	2.84	3921.69
MW - 2	02/11/05	3974.62	52.50	55.23	2.73	3921.71
MW - 2	02/15/05	3974.62	52.49	55.25	2.76	3921.72
MW - 2	02/22/05	3974.62	52.46	55.44	2.98	3921.71
MW - 2	02/24/05	3974.62	52.43	55.50	3.07	3921.73
MW - 2	03/03/05	3974.62	52.43	55.41	2.98	3921.74
MW - 2	03/09/05	3974.62	52.43	55.35	2.92	3921.75
MW - 2	03/22/05	3974.62	53.03	53.13	0.10	3921.58
MW - 2	03/24/05	3974.62	53.03	53.13	0.10	3921.58
MW - 2	03/31/05	3974.62	53.05	53.12	0.07	3921.56
MW - 2	06/22/05	3974.62	52.86	53.38	0.52	3921.68
MW - 2	07/21/05	3974.62	52.73	53.24	0.51	3921.81
MW - 2	08/03/05	3974.62	52.45	54.54	2.09	3921.86
MW - 2	08/12/05	3974.62	52.42	54.58	2.16	3921.88

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	08/15/05	3974.62	52.48	54.40	1.92	3921.85
MW - 2	08/22/05	3974.62	52.41	54.50	2.09	3921.90
MW - 2	08/30/05	3974.62	52.40	54.64	2.24	3921.88
MW - 2	09/07/05	3974.62	52.38	54.62	2.24	3921.90
MW - 2	09/14/05	3974.62	52.32	54.63	2.31	3921.95
MW - 2	09/20/05	3974.62	52.39	54.48	2.09	3921.92
MW - 2	09/21/05	3974.62	52.36	54.61	2.25	3921.92
MW - 2	09/28/05	3974.62	52.38	54.60	2.22	3921.91
MW - 2	10/06/05	3974.62	52.32	54.85	2.53	3921.92
MW - 2	10/13/05	3974.62	52.32	54.85	2.53	3921.92
MW - 2	10/20/05	3974.62	52.32	54.84	2.52	3921.92
MW - 2	10/26/05	3974.62	52.33	54.83	2.50	3921.92
MW - 2	11/03/05	3974.62	52.28	54.80	2.52	3921.96
MW - 2	11/10/05	3974.62	52.29	54.79	2.50	3921.96
MW - 2	11/16/05	3974.62	52.31	54.79	2.48	3921.94
MW - 2	11/23/05	3974.62	52.33	54.75	2.42	3921.93
MW - 2	11/28/05	3974.62	52.27	54.83	2.56	3921.97
MW - 2	12/05/05	3974.62	52.30	54.72	2.42	3921.96
MW - 2	12/12/05	3974.62	52.29	54.70	2.41	3921.97
MW - 2	12/16/05	3974.62	53.01	53.84	0.83	3921.49
MW - 2	12/19/05	3974.62	52.35	54.76	2.41	3921.91
MW - 2	12/29/05	3974.62	52.26	54.82	2.56	3921.98
MW - 2	01/04/06	3974.62	52.30	54.80	2.50	3921.95
MW - 2	01/10/06	3974.62	52.29	54.80	2.51	3921.95
MW - 2	01/17/06	3974.62	52.29	54.78	2.49	3921.96
MW - 2	01/26/06	3974.62	52.26	54.78	2.52	3921.98
MW - 2	01/31/06	3974.62	52.28	54.74	2.46	3921.97
MW - 2	02/07/06	3974.62	52.27	54.73	2.46	3921.98
MW - 2	02/09/06	3974.62	52.34	54.57	2.23	3921.95
MW - 2	02/13/06	3974.62	52.28	54.60	2.32	3921.99
MW - 2	02/22/06	3974.62	52.27	54.73	2.46	3921.98
MW - 2	02/28/06	3974.62	52.29	54.70	2.41	3921.97
MW - 2	03/07/06	3974.62	52.27	54.68	2.41	3921.99
MW - 2	03/15/06	3974.62	52.24	54.70	2.46	3922.01
MW - 2	03/20/06	3974.62	52.22	54.64	2.42	3922.04
MW - 2	03/22/06	3974.62	52.60	53.40	0.80	3921.90
MW - 2	03/29/06	3974.62	52.24	54.57	2.33	3922.03
MW - 2	04/11/06	3974.62	52.21	54.59	2.38	3922.05
MW - 2	04/18/06	3974.62	52.22	54.60	2.38	3922.04
MW - 2	04/25/06	3974.62	52.29	54.63	2.34	3921.98
MW - 2	05/02/06	3974.62	52.22	53.98	1.76	3922.14
MW - 2	05/09/06	3974.62	52.21	54.43	2.22	3922.08
MW - 2	05/16/06	3974.62	52.22	54.61	2.39	3922.04

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	05/23/06	3974.62	52.23	54.59	2.36	3922.04
MW - 2	05/31/06	3974.62	52.21	54.58	2.37	3922.05
MW - 2	06/06/06	3974.62	52.22	54.54	2.32	3922.05
MW - 2	06/13/06	3974.62	52.22	54.54	2.32	3922.05
MW - 2	06/20/06	3974.62	52.21	54.51	2.30	3922.07
MW - 2	06/21/06	3974.62	52.36	53.85	1.49	3922.04
MW - 2	07/06/06	3974.62	52.20	54.53	2.33	3922.07
MW - 2	07/12/06	3974.62	52.25	54.31	2.06	3922.06
MW - 2	07/20/06	3974.62	52.29	53.18	0.89	3922.20
MW - 2	07/25/06	3974.62	52.25	54.28	2.03	3922.07
MW - 2	08/01/06	3974.62	52.26	54.31	2.05	3922.05
MW - 2	08/16/06	3974.62	52.26	54.32	2.06	3922.05
MW - 2	08/23/06	3974.62	52.27	53.26	0.99	3922.20
MW - 2	08/28/06	3974.62	52.28	54.24	1.96	3922.05
MW - 2	09/12/06	3974.62	52.25	54.27	2.02	3922.07
MW - 2	09/22/06	3974.62	52.27	54.27	2.00	3922.05
MW - 2	09/27/06	3974.62	52.27	54.20	1.93	3922.06
MW - 2	10/06/06	3974.62	52.25	54.29	2.04	3922.06
MW - 2	10/10/06	3974.62	52.69	54.19	1.50	3921.71
MW - 2	10/16/06	3974.62	52.28	54.25	1.97	3922.04
MW - 2	10/26/06	3974.62	52.27	54.25	1.98	3922.05
MW - 2	11/03/06	3974.62	52.27	54.24	1.97	3922.05
MW - 2	11/09/06	3974.62	52.28	54.14	1.86	3922.06
MW - 2	11/16/06	3974.62	52.26	54.18	1.92	3922.07
MW - 2	11/22/06	3974.62	52.25	54.18	1.93	3922.08
MW - 2	12/04/06	3974.62	52.25	54.15	1.90	3922.09
MW - 2	12/08/06	3974.62	52.25	54.19	1.94	3922.08
MW - 2	12/15/06	3974.62	52.16	54.37	2.21	3922.13
MW - 2	01/05/07	3974.62	52.20	54.43	2.23	3922.09
MW - 2	01/12/07	3974.62	52.19	54.37	2.18	3922.10
MW - 2	01/18/07	3974.62	52.17	54.37	2.20	3922.12
MW - 2	01/24/07	3974.62	52.20	54.35	2.15	3922.10
MW - 2	01/29/07	3974.62	52.17	54.28	2.11	3922.13
MW - 2	02/09/07	3974.62	52.17	54.31	2.14	3922.13
MW - 2	02/16/07	3974.62	52.18	54.34	2.16	3922.12
MW - 2	02/23/07	3974.62	52.15	54.25	2.10	3922.16
MW - 2	03/02/07	3974.62	52.16	54.30	2.14	3922.14
MW - 2	03/14/07	3974.62	52.20	53.88	1.68	3922.17
MW - 2	03/26/07	3974.62	52.19	54.13	1.94	3922.14
MW - 2	04/03/07	3974.62	52.15	54.22	2.07	3922.16
MW - 2	04/09/07	3974.62	52.14	54.20	2.06	3922.17
MW - 2	04/26/07	3974.62	52.15	54.21	2.06	3922.16
MW - 2	04/30/07	3974.62	52.16	54.13	1.97	3922.16

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	05/11/07	3974.62	52.15	54.16	2.01	3922.17
MW - 2	05/16/07	3974.62	52.16	54.13	1.97	3922.16
MW - 2	05/22/07	3974.62	52.15	54.12	1.97	3922.17
MW - 2	05/29/07	3974.62	52.13	54.12	1.99	3922.19
MW - 2	06/01/07	3974.62	52.12	54.14	2.02	3922.20
MW - 2	06/08/07	3974.62	52.14	54.12	1.98	3922.18
MW - 2	06/11/07	3974.62	52.16	54.00	1.84	3922.18
MW - 2	06/20/07	3974.62	52.15	54.10	1.95	3922.18
MW - 2	07/10/07	3974.62	52.13	54.08	1.95	3922.20
MW - 2	07/20/07	3974.62	52.14	54.06	1.92	3922.19
MW - 2	07/25/07	3974.62	52.14	54.02	1.88	3922.20
MW - 2	08/01/07	3974.62	52.11	54.01	1.90	3922.23
MW - 2	08/10/07	3974.62	52.15	54.02	1.87	3922.19
MW - 2	08/15/07	3974.62	52.14	54.00	1.86	3922.20
MW - 2	08/30/07	3974.62	52.15	54.00	1.85	3922.19
MW - 2	08/31/07	3974.62	52.15	54.00	1.85	3922.19
MW - 2	09/10/07	3974.62	52.14	53.98	1.84	3922.20
MW - 2	09/19/07	3974.62	52.12	53.98	1.86	3922.22
MW - 2	09/27/07	3974.62	52.11	53.94	1.83	3922.24
MW - 2	10/01/07	3974.62	52.14	53.88	1.74	3922.22
MW - 2	10/19/07	3974.62	52.10	53.96	1.86	3922.24
MW - 2	10/26/07	3974.62	52.10	53.91	1.81	3922.25
MW - 2	11/12/07	3974.62	52.12	53.89	1.77	3922.23
MW - 2	11/16/07	3974.62	52.10	53.88	1.78	3922.25
MW - 2	11/29/07	3974.62	52.10	53.89	1.79	3922.25
MW - 2	12/13/07	3974.62	52.10	53.86	1.76	3922.26
MW - 2	01/10/08	3974.62	52.08	53.79	1.71	3922.28
MW - 2	01/17/08	3974.62	52.10	53.79	1.69	3922.27
MW - 2	01/22/08	3974.62	52.08	53.74	1.66	3922.29
MW - 2	2/6/08 #1	3974.62	52.10	53.71	1.61	3922.28
MW - 2	02/06/08 #2	3974.62	52.32	52.79	0.47	3922.23
MW - 2	2/12/08#1	3974.62	52.11	53.72	1.61	3922.27
MW - 2	2/12/08#2	3974.62	52.34	52.68	0.34	3922.23
MW - 2	2/20/08 #1	3974.62	52.11	53.70	1.59	3922.27
MW - 2	2/20/08 #2	3974.62	52.30	52.78	0.48	3922.25
MW - 2	2/27/08 #1	3974.62	52.11	53.67	1.56	3922.28
MW - 2	2/27/08 #2	3974.62	52.28	52.87	0.59	3922.25
MW - 2	03/07/08	3974.62	52.10	53.66	1.56	3922.29
MW - 2	3/12/2008 #1	3974.62	52.10	53.66	1.56	3922.29
MW - 2	3/12/2008 #2	3974.62	52.29	52.30	0.01	3922.33
MW - 2	3/20/08 #1	3974.62	52.10	53.65	1.55	3922.29
MW - 2	3/20/08#2	3974.62	52.29	52.76	0.47	3922.26
MW - 2	3/23/08 #1	3974.62	52.09	53.64	1.55	3922.30

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	3/23/08 #2	3974.62	52.30	52.31	0.01	3922.32
MW - 2	4/2/08 #1	3974.62	52.09	53.60	1.51	3922.30
MW - 2	4/2/08 #2	3974.62	52.23	52.89	0.66	3922.29
MW - 2	4/9/08 #1	3974.62	52.09	53.59	1.50	3922.31
MW - 2	4/9/08 #2	3974.62	52.23	52.92	0.69	3922.29
MW - 2	04/16/08	3974.62	52.06	53.57	1.51	3922.33
MW - 2	04/23/08	3974.62	52.08	53.57	1.49	3922.32
MW - 2	04/30/08	3974.62	52.08	53.55	1.47	3922.32
MW - 2	05/29/08	3974.62	52.07	53.50	1.43	3922.34
MW - 2	06/02/08	3974.62	52.07	53.45	1.38	3922.34
MW - 2	06/03/08	3974.62	52.07	53.45	1.38	3922.34
MW - 2	06/11/08	3974.62	52.07	53.52	1.45	3922.33
MW - 2	06/18/08	3974.62	52.07	53.52	1.45	3922.33
MW - 2	06/23/08	3974.62	52.08	53.48	1.40	3922.33
MW - 2	07/01/08	3974.62	52.09	53.51	1.42	3922.32
MW - 2	07/09/08	3974.62	52.09	53.51	1.42	3922.32
MW - 2	07/15/08	3974.62	52.08	53.45	1.37	3922.33
MW - 2	07/22/08	3974.62	52.08	53.48	1.40	3922.33
MW - 2	08/02/08	3974.62	52.08	53.38	1.30	3922.35
MW - 2	08/13/08	3974.62	52.08	53.46	1.38	3922.33
MW - 2	09/03/08	3974.62	52.04	53.44	1.40	3922.37
MW - 2	09/11/08	3974.62	52.07	53.45	1.38	3922.34
MW - 2	09/19/08	3974.62	52.05	53.41	1.36	3922.37
MW - 2	09/26/08	3974.62	52.06	53.41	1.35	3922.36
MW - 2	10/10/08	3974.62	52.06	53.41	1.35	3922.36
MW - 2	10/17/08	3974.62	52.08	53.37	1.29	3922.35
MW - 2	10/21/08	3974.62	52.17	53.35	1.18	3922.27
MW - 2	10/30/08	3974.62	52.05	53.36	1.31	3922.37
MW - 2	11/04/08	3974.62	52.08	53.36	1.28	3922.35
MW - 2	11/18/08	3974.62	52.08	53.36	1.28	3922.35
MW - 2	11/25/08	3974.62	52.08	53.35	1.27	3922.35
MW - 2	11/25/08	3974.62	52.71	52.72	0.01	3921.91
MW - 2	12/10/08	3974.62	52.09	53.44	1.35	3922.33
MW - 2	12/18/08	3974.62	52.05	53.34	1.29	3922.38
MW - 2	01/06/09	3974.62	52.05	53.39	1.34	3922.37
MW - 2	01/14/09	3974.62	52.19	53.35	1.16	3922.26
MW - 2	01/21/09	3974.62	52.25	53.11	0.86	3922.24
MW - 2	01/22/09	3974.62	52.03	53.33	1.30	3922.40
MW - 2	01/30/09	3974.62	52.05	53.30	1.25	3922.38
MW - 2	02/03/09	3974.62	52.06	53.27	1.21	3922.38
MW - 2	02/12/09	3974.62	52.06	53.28	1.22	3922.38
MW - 2	02/19/09	3974.62	52.05	53.26	1.21	3922.39
MW - 2	03/04/09	3974.62	52.10	53.23	1.13	3922.35

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	03/06/09	3974.62	52.05	53.26	1.21	3922.39
MW - 2	03/11/09	3974.62	52.08	53.24	1.16	3922.37
MW - 2	03/16/09	3974.62	52.13	53.25	1.12	3922.32
MW - 2	03/19/09	3974.62	52.06	53.25	1.19	3922.38
MW - 2	03/24/09	3974.62	52.03	53.19	1.16	3922.42
MW - 2	04/03/09	3974.62	52.05	53.11	1.06	3922.41
MW - 2	04/15/09	3974.62	52.06	53.12	1.06	3922.40
MW - 2	04/17/09	3974.62	52.09	52.94	0.85	3922.40
MW - 2	04/22/09	3974.62	52.07	53.10	1.03	3922.40
MW - 2	04/29/09	3974.62	52.03	53.15	1.12	3922.42
MW - 2	05/20/09	3974.62	52.05	53.11	1.06	3922.41
MW - 2	05/20/09	3974.62	52.05	53.11	1.06	3922.41
MW - 2	06/09/09	3974.62	52.05	53.11	1.06	3922.41
MW - 2	06/17/09	3974.62	52.06	53.14	1.08	3922.40
MW - 2	06/23/09	3974.62	52.07	53.08	1.01	3922.40
MW - 2	07/01/09	3974.62	52.05	53.10	1.05	3922.41
MW - 2	07/08/09	3974.62	52.05	53.07	1.02	3922.42
MW - 2	07/15/09	3974.62	52.06	53.06	1.00	3922.41
MW - 2	07/17/09	3974.62	52.10	53.00	0.90	3922.39
MW - 2	07/23/09	3974.62	52.06	53.09	1.03	3922.41
MW - 2	07/24/09	3974.62	52.09	52.89	0.80	3922.41
MW - 2	07/30/09	3974.62	52.06	53.05	0.99	3922.41
MW - 2	08/04/09	3974.62	52.06	53.02	0.96	3922.42
MW - 2	08/12/09	3974.62	52.08	53.06	0.98	3922.39
MW - 2	08/20/09	3974.62	52.06	53.08	1.02	3922.41
MW - 2	08/26/09	3974.62	52.55	53.08	0.53	3921.99
MW - 2	09/02/09	3974.62	52.05	53.07	1.02	3922.42
MW - 2	09/09/09	3974.62	52.06	53.06	1.00	3922.41
MW - 2	09/14/09	3974.62	52.05	53.08	1.03	3922.42
MW - 2	09/21/09	3974.62	52.06	52.08	0.02	3922.56
MW - 2	10/01/09	3974.62	52.08	53.08	1.00	3922.39
MW - 2	10/08/09	3974.62	52.08	53.09	1.01	3922.39
MW - 2	10/14/09	3974.62	52.08	53.06	0.98	3922.39
MW - 2	10/21/09	3974.62	52.04	53.07	1.03	3922.43
MW - 2	10/28/09	3974.62	52.03	53.08	1.05	3922.43
MW - 2	11/04/09	3974.62	52.05	53.00	0.95	3922.43
MW - 2	11/11/09	3974.62	52.05	52.98	0.93	3922.43
MW - 2	11/18/09	3974.62	52.05	53.02	0.97	3922.42
MW - 2	11/25/09	3974.62	52.05	53.01	0.96	3922.43
MW - 2	12/02/09	3974.62	52.06	53.05	0.99	3922.41
MW - 2	12/10/09	3974.62	52.06	53.03	0.97	3922.41
MW - 2	12/17/09	3974.62	52.09	53.04	0.95	3922.39
MW - 2	12/21/09	3974.62	52.03	52.83	0.80	3922.47

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	12/30/09	3974.62	52.09	52.96	0.87	3922.40
MW - 2	01/07/10	3974.62	52.09	52.85	0.76	3922.42
MW - 2	01/18/10	3974.62	52.04	52.92	0.88	3922.45
MW - 2	02/02/10	3974.62	52.05	52.89	0.84	3922.44
MW - 2	02/11/10	3974.62	52.05	52.90	0.85	3922.44
MW - 2	02/18/10	3974.62	52.04	52.90	0.86	3922.45
MW - 2	02/25/10	3974.62	52.08	52.95	0.87	3922.41
MW - 2	03/02/10	3974.62	52.11	52.92	0.81	3922.39
MW - 2	03/04/10	3974.62	52.09	52.83	0.74	3922.42
MW - 2	03/10/10	3974.62	52.08	52.93	0.85	3922.41
MW - 2	03/12/10	3974.62	52.15	52.86	0.71	3922.36
MW - 2	03/15/10	3974.62	52.09	52.74	0.65	3922.43
MW - 2	03/18/10	3974.62	52.10	52.69	0.59	3922.43
MW - 2	03/22/10	3974.62	52.18	52.74	0.56	3922.36
MW - 2	03/24/10	3974.62	52.17	52.68	0.51	3922.37
MW - 2	03/30/10	3974.62	52.15	52.65	0.50	3922.40
MW - 2	04/07/10	3974.62	52.18	52.63	0.45	3922.37
MW - 2	04/12/10	3974.62	52.03	52.81	0.78	3922.47
MW - 2	04/16/10	3974.62	52.69	54.59	1.90	3921.65
MW - 2	04/20/10	3974.62	52.55	54.31	1.76	3921.81
MW - 2	04/27/10	3974.62	52.54	54.40	1.86	3921.80
MW - 2	04/30/10	3974.62	52.58	54.08	1.50	3921.82
MW - 2	05/12/10	3974.62	52.52	54.20	1.68	3921.85
MW - 2	05/14/10	3974.62	52.54	54.39	1.85	3921.80
MW - 2	05/17/10	3974.62	52.55	54.19	1.64	3921.82
MW - 2	05/20/10	3974.62	52.50	54.19	1.69	3921.87
MW - 2	05/25/10	3974.62	52.38	53.90	1.52	3922.01
MW - 2	06/01/10	3974.62	52.39	53.89	1.50	3922.01
MW - 2	06/09/10	3974.62	52.37	53.86	1.49	3922.03
MW - 2	06/16/10	3974.62	52.43	53.11	0.68	3922.09
MW - 2	06/28/10	3974.62	52.36	53.47	1.11	3922.09
MW - 2	07/09/10	3974.62	52.44	53.12	0.68	3922.08
MW - 2	07/14/10	3974.62	52.06	52.58	0.52	3922.48
MW - 2	07/23/10	3974.62	52.09	52.60	0.51	3922.45
MW - 2	07/29/10	3974.62	52.07	52.60	0.53	3922.47
MW - 2	08/05/10	3974.62	52.08	52.60	0.52	3922.46
MW - 2	08/12/10	3974.62	52.07	52.60	0.53	3922.47
MW - 2	08/16/10	3974.62	52.07	52.60	0.53	3922.47
MW - 2	08/18/10	3974.62	52.07	52.62	0.55	3922.47
MW - 2	08/26/10	3974.62	52.34	53.05	0.71	3922.17
MW - 2	09/02/10	3974.62	52.41	53.40	0.99	3922.06
MW - 2	09/09/10	3974.62	52.09	52.59	0.50	3922.46
MW - 2	09/30/10	3974.62	52.09	52.61	0.52	3922.45

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	10/07/10	3974.62	52.09	52.72	0.63	3922.44
MW - 2	10/14/10	3974.62	52.48	53.43	0.95	3922.00
MW - 2	10/21/10	3974.62	52.51	53.42	0.91	3921.97
MW - 2	11/04/10	3974.62	52.08	52.71	0.63	3922.45
MW - 2	11/10/10	3974.62	52.51	53.42	0.91	3921.97
MW - 2	12/01/10	3974.62	52.02	52.85	0.83	3922.48
MW - 2	12/08/10	3974.62	52.39	53.22	0.83	3922.11
MW - 2	01/26/11	3974.62	52.08	52.62	0.54	3922.46
MW - 2	02/28/11	3974.62	52.48	53.50	1.02	3921.99
MW - 2	03/04/11	3974.62	52.27	52.90	0.63	3922.26
MW - 2	03/09/11	3974.62	52.29	53.43	1.14	3922.16
MW - 2	04/28/11	3974.62	52.53	53.42	0.89	3921.96
MW - 2	05/04/11	3974.62	52.22	53.24	1.02	3922.25
MW - 2	05/11/11	3974.62	52.23	53.36	1.13	3922.22
MW - 2	05/12/11	3974.62	52.15	52.94	0.79	3922.35
MW - 2	05/18/11	3974.62	52.16	53.08	0.92	3922.32
MW - 2	05/23/11	3974.62	52.30	53.49	1.19	3922.14
MW - 2	06/08/11	3974.62	52.45	53.50	1.05	3922.01
MW - 2	06/16/11	3974.62	52.38	53.26	0.88	3922.11
MW - 2	06/22/11	3974.62	52.30	53.11	0.81	3922.20
MW - 2	06/30/11	3974.62	52.22	53.24	1.02	3922.25
MW - 2	07/06/11	3974.62	52.08	53.11	1.03	3922.39
MW - 2	07/13/11	3974.62	52.29	53.20	0.91	3922.19
MW - 2	07/15/11	3974.62	52.26	53.66	1.40	3922.15
MW - 2	07/19/11	3974.62	52.09	52.72	0.63	3922.44
MW - 2	07/21/11	3974.62	52.10	52.98	0.88	3922.39
MW - 2	07/26/11	3974.62	52.24	52.94	0.70	3922.28
MW - 2	07/28/11	3974.62	52.04	53.04	1.00	3922.43
MW - 2	08/02/11	3974.62	52.48	53.60	1.12	3921.97
MW - 2	08/09/11	3974.62	52.34	53.79	1.45	3922.06
MW - 2	08/12/11	3974.62	52.37	53.40	1.03	3922.10
MW - 2	08/15/11	3974.62	52.37	53.40	1.03	3922.10
MW - 2	08/16/11	3974.62	52.13	52.68	0.55	3922.41
MW - 2	08/19/11	3974.62	52.20	52.79	0.59	3922.33
MW - 2	08/23/11	3974.62	52.15	52.69	0.54	3922.39
MW - 2	08/26/11	3974.62	52.25	53.18	0.93	3922.23
MW - 2	08/30/11	3974.62	52.11	52.55	0.44	3922.44
MW - 2	09/01/11	3974.62	52.13	52.44	0.31	3922.44
MW - 2	09/08/11	3974.62	52.30	53.59	1.29	3922.13
MW - 2	09/13/11	3974.62	52.17	52.31	0.14	3922.43
MW - 2	09/15/11	3974.62	52.27	53.17	0.90	3922.22
MW - 2	09/22/11	3974.62	52.08	52.72	0.64	3922.44
MW - 2	10/06/11	3974.62	52.30	52.96	0.66	3922.22

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	10/13/11	3974.62	52.42	53.77	1.35	3922.00
MW - 2	10/26/11	3974.62	52.27	53.48	1.21	3922.17
MW - 2	11/22/11	3974.62	52.32	53.20	0.88	3922.17
MW - 2	12/02/11	3974.62	52.08	52.74	0.66	3922.44
MW - 2	12/29/11	3974.62	52.07	52.70	0.63	3922.46
MW - 2	01/26/12	3974.62	52.24	53.48	1.24	3922.19
MW - 2	01/31/12	3974.62	52.33	53.92	1.59	3922.05
MW - 2	02/15/12	3974.62	52.10	52.68	0.58	3922.43
MW - 2	02/28/12	3974.62	52.09	52.83	0.74	3922.42
MW - 2	03/20/12	3974.62	52.35	54.08	1.73	3922.01
MW - 2	03/27/12	3974.62	52.14	52.95	0.81	3922.36
MW - 2	04/10/12	3974.62	52.39	53.30	0.91	3922.09
MW - 2	04/19/12	3974.62	52.14	53.02	0.88	3922.35
MW - 2	04/26/12	3974.62	52.09	52.63	0.54	3922.45
MW - 2	05/08/12	3974.62	52.09	52.63	0.54	3922.45
MW - 2	05/15/12	3974.62	52.09	52.73	0.64	3922.43
MW - 2	05/17/12	3974.62	52.08	52.74	0.66	3922.44
MW - 2	06/05/12	3974.62	52.12	53.02	0.90	3922.37
MW - 2	06/21/12	3974.62	52.12	53.14	1.02	3922.35
MW - 2	06/28/12	3974.62	52.11	53.19	1.08	3922.35
MW - 2	07/17/12	3974.62	52.12	52.93	0.81	3922.38
MW - 2	08/01/12	3974.62	52.20	52.85	0.65	3922.32
MW - 2	10/02/12	3974.62	52.22	53.20	0.98	3922.25
MW - 2	10/09/12	3974.62	52.14	53.72	1.58	3922.24
MW - 2	10/16/12	3974.62	52.19	53.12	0.93	3922.29
MW - 2	10/25/12	3974.62	52.18	53.24	1.06	3922.28
MW - 2	10/30/12	3974.62	52.18	53.24	1.06	3922.28
MW - 2	11/29/12	3974.62	52.22	53.76	1.54	3922.17
MW - 2	12/14/12	3974.62	52.19	53.43	1.24	3922.24
MW - 2	02/11/13	3974.62	52.19	53.15	0.96	3922.29
MW - 2	04/11/13	3974.62	52.39	53.90	1.51	3922.00
MW - 2	04/15/13	3974.62	52.62	54.49	1.87	3921.72
MW - 2	04/22/13	3974.62	52.21	53.03	0.82	3922.29
MW - 2	05/06/13	3974.62	52.22	53.12	0.90	3922.27
MW - 2	05/09/13	3974.62	52.22	53.16	0.94	3922.26
MW - 2	05/20/13	3974.62	52.22	53.20	0.98	3922.25
MW - 2	05/24/13	3974.62	52.34	53.68	1.34	3922.08
MW - 2	05/29/13	3974.62	52.21	53.18	0.97	3922.26
MW - 2	05/31/13	3974.62	52.31	53.61	1.30	3922.12
MW - 2	06/07/13	3974.62	52.64	54.51	1.87	3921.70
MW - 2	06/12/13	3974.62	52.56	54.57	2.01	3921.76
MW - 2	06/14/13	3974.62	52.63	53.92	1.29	3921.80
MW - 2	06/19/13	3974.62	52.63	54.46	1.83	3921.72

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	06/21/13	3974.62	52.74	54.13	1.39	3921.67
MW - 2	06/25/13	3974.62	52.22	53.15	0.93	3922.26
MW - 2	06/26/13	3974.62	52.40	53.72	1.32	3922.02
MW - 2	07/03/13	3974.62	52.62	54.30	1.68	3921.75
MW - 2	07/09/13	3974.62	52.73	54.09	1.36	3921.69
MW - 2	07/11/13	3974.62	52.71	53.98	1.27	3921.72
MW - 2	07/24/13	3974.62	52.54	53.77	1.23	3921.90
MW - 2	07/26/13	3974.62	52.45	54.29	1.84	3921.89
MW - 2	07/31/13	3974.62	52.20	53.86	1.66	3922.17
MW - 2	08/02/13	3974.62	52.48	54.04	1.56	3921.91
MW - 2	08/06/13	3974.62	52.23	53.82	1.59	3922.15
MW - 2	08/14/13	3974.62	52.23	54.04	1.81	3922.12
MW - 2	08/21/13	3974.62	52.48	54.61	2.13	3921.82
MW - 2	08/26/13	3974.62	52.50	54.25	1.75	3921.86
MW - 2	09/06/13	3974.62	52.41	53.65	1.24	3922.02
MW - 2	08/30/13	3974.62	52.25	53.72	1.47	3922.15
MW - 2	09/13/13	3974.62	52.35	53.37	1.02	3922.12
MW - 2	09/27/13	3974.62	52.35	54.18	1.83	3922.00
MW - 2	09/30/13	3974.62	52.33	53.79	1.46	3922.07
MW - 2	10/02/13	3974.62	52.55	54.25	1.70	3921.82
MW - 2	10/03/13	3974.62	52.48	53.27	0.79	3922.02
MW - 2	10/11/13	3974.62	52.29	53.32	1.03	3922.18
MW - 2	10/17/13	3974.62	52.31	53.39	1.08	3922.15
MW - 2	10/22/13	3974.62	52.29	53.40	1.11	3922.16
MW - 2	10/24/13	3974.62	52.43	53.60	1.17	3922.01
MW - 2	10/30/13	3974.62	52.37	53.76	1.39	3922.04
MW - 2	11/01/13	3974.62	52.33	53.33	1.00	3922.14
MW - 2	11/04/13	3974.62	52.32	53.41	1.09	3922.14
MW - 2	11/08/13	3974.62	52.67	54.50	1.83	3921.68
MW - 2	11/13/13	3974.62	52.30	53.45	1.15	3922.15
MW - 2	11/15/13	3974.62	52.40	53.36	0.96	3922.08
MW - 2	11/18/13	3974.62	52.31	53.32	1.01	3922.16
MW - 2	12/12/13	3974.62	52.30	53.39	1.09	3922.16
MW - 2	12/16/13	3974.62	52.31	53.56	1.25	3922.12
MW - 2	12/18/13	3974.62	52.34	53.52	1.18	3922.10
MW - 2	12/23/13	3974.62	52.36	53.83	1.47	3922.04
MW - 2	12/30/13	3974.62	52.32	53.67	1.35	3922.10
MW - 2	01/01/14	3974.62	52.32	53.63	1.31	3922.10
MW - 2	01/06/14	3974.62	52.29	53.53	1.24	3922.14
MW - 2	01/15/14	3974.62	52.36	54.27	1.91	3921.97
MW - 2	01/17/14	3974.62	52.29	53.57	1.28	3922.14
MW - 2	01/20/14	3974.62	52.53	54.20	1.67	3921.84
MW - 2	01/22/14	3974.62	52.66	54.30	1.64	3921.71

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	01/29/14	3974.62	52.32	53.59	1.27	3922.11
MW - 2	02/04/14	3974.62	52.58	53.67	1.09	3921.88
MW - 2	02/13/14	3974.62	52.29	53.68	1.39	3922.12
MW - 2	02/21/14	3974.62	52.58	55.18	2.60	3921.65
MW - 2	02/26/14	3974.62	52.57	55.13	2.56	3921.67
MW - 2	03/12/14	3974.62	52.33	54.38	2.05	3921.98
MW - 2	03/14/14	3974.62	52.28	54.35	2.07	3922.03
MW - 2	03/17/14	3974.62	52.40	54.36	1.96	3921.93
MW - 2	03/24/14	3974.62	51.80	53.59	1.79	3922.55
MW - 2	03/26/14	3974.62	51.82	53.73	1.91	3922.51
MW - 2	04/09/14	3974.62	52.28	53.47	1.19	3922.16
MW - 2	04/18/14	3974.62	52.29	53.53	1.24	3922.14
MW - 2	04/21/14	3974.62	52.33	53.37	1.04	3922.13
MW - 2	04/28/14	3974.62	52.30	53.54	1.24	3922.13
MW - 2	05/09/14	3974.62	52.38	53.91	1.53	3922.01
MW - 2	05/12/14	3974.62	52.55	54.06	1.51	3921.84
MW - 2	05/19/14	3974.62	52.36	54.14	1.78	3921.99
MW - 2	05/28/14	3974.62	52.37	54.21	1.84	3921.97
MW - 2	06/04/14	3974.62	52.29	54.19	1.90	3922.05
MW - 2	06/13/14	3974.62	52.36	54.25	1.89	3921.98
MW - 2	06/16/14	3974.62	52.35	53.39	1.04	3922.11
MW - 2	07/02/14	3974.62	52.36	53.67	1.31	3922.06
MW - 2	07/07/14	3974.62	52.34	53.70	1.36	3922.08
MW - 2	07/18/14	3974.62	52.47	54.42	1.95	3921.86
MW - 2	07/30/14	3974.62	52.33	53.93	1.60	3922.05
MW - 2	08/11/14	3974.62	52.34	54.03	1.69	3922.03
MW - 2	08/22/14	3974.62	52.39	55.65	3.26	3921.74
MW - 2	08/23/14	3974.62	52.39	55.65	3.26	3921.74
MW - 2	09/10/14	3974.62	52.41	54.08	1.67	3921.96
MW - 2	09/23/14	3974.62	52.41	54.13	1.72	3921.95
MW - 2	09/25/14	3974.62	52.78	54.25	1.47	3921.62
MW - 2	10/03/14	3974.62	52.52	54.19	1.67	3921.85
MW - 2	10/15/14	3974.62	52.41	54.23	1.82	3921.94
MW - 2	10/17/14	3974.62	52.59	54.11	1.52	3921.80
MW - 2	10/24/14	3974.62	52.67	53.99	1.32	3921.75
MW - 2	10/27/14	3974.62	52.51	53.94	1.43	3921.90
MW - 2	10/31/14	3974.62	52.36	52.85	0.49	3922.19
MW - 2	11/03/14	3974.62	52.60	54.71	2.11	3921.70
MW - 2	11/10/14	3974.62	52.62	54.10	1.48	3921.78
MW - 2	11/14/14	3974.62	52.44	53.53	1.09	3922.02
MW - 2	11/17/14	3974.62	52.45	53.47	1.02	3922.02
MW - 2	11/18/14	3974.62	52.45	53.47	1.02	3922.02
MW - 2	11/21/14	3974.62	52.44	53.55	1.11	3922.01

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	12/03/14	3974.62	52.37	53.81	1.44	3922.03
MW - 2	12/05/14	3974.62	52.46	53.46	1.00	3922.01
MW - 2	12/12/14	3974.62	52.47	53.59	1.12	3921.98
MW - 2	12/15/14	3974.62	52.47	53.59	1.12	3921.98
MW - 2	12/19/14	3974.62	52.43	53.56	1.13	3922.02
MW - 2	12/22/14	3974.62	52.41	53.49	1.08	3922.05
MW - 2	01/05/15	3974.62	52.38	53.46	1.08	3922.08
MW - 2	01/09/15	3974.62	52.38	53.72	1.34	3922.04
MW - 2	01/14/15	3974.62	53.37	53.74	0.37	3921.19
MW - 2	01/21/15	3974.62	52.39	53.41	1.02	3922.08
MW - 2	02/18/15	3974.62	52.64	54.21	1.57	3921.74
MW - 2	02/19/15	3974.62	52.46	53.29	0.83	3922.04
MW - 2	03/09/15	3974.62	52.38	53.40	1.02	3922.09
MW - 2	03/11/15	3974.62	52.36	53.66	1.30	3922.07
MW - 2	03/18/15	3974.62	52.35	53.66	1.31	3922.07
MW - 2	03/31/15	3974.62	52.41	53.43	1.02	3922.06
MW - 2	04/09/15	3974.62	52.35	53.58	1.23	3922.09
MW - 2	04/15/15	3974.62	52.34	53.61	1.27	3922.09
MW - 2	04/22/15	3974.62	52.34	53.63	1.29	3922.09
MW - 2	05/12/15	3974.62	52.34	53.65	1.31	3922.08
MW - 2	05/26/15	3974.62	52.40	53.38	0.98	3922.07
MW - 2	06/01/15	3974.62	52.37	53.70	1.33	3922.05
MW - 2	06/04/15	3974.62	52.35	53.61	1.26	3922.08
MW - 2	06/22/15	3974.62	52.46	54.41	1.95	3921.87
MW - 2	06/26/15	3974.62	52.75	54.40	1.65	3921.62
MW - 2	07/22/15	3974.62	52.58	54.16	1.58	3921.80
MW - 2	07/27/15	3974.62	52.66	54.03	1.37	3921.75
MW - 2	08/18/15	3974.62	52.24	53.73	1.49	3922.16
MW - 2	09/09/15	3974.62	52.00	53.85	1.85	3922.34
MW - 2	09/30/15	3974.62	52.70	54.95	2.25	3921.58
MW - 2	10/08/15	3974.62	52.54	54.57	2.03	3921.78
MW - 2	10/16/15	3974.62	52.62	55.10	2.48	3921.63
MW - 2	10/21/15	3974.62	52.45	53.80	1.35	3921.97
MW - 2	11/18/15	3974.62	52.58	54.70	2.12	3921.72
MW - 2	11/23/15	3974.62	53.01	53.31	0.30	3921.57
MW - 2	12/04/15	3974.62	52.40	53.85	1.45	3922.00
MW - 2	12/09/15	3974.62	52.71	54.88	2.17	3921.58
MW - 2	01/12/16	3974.62	52.42	54.00	1.58	3921.96
MW - 2	01/22/16	3974.62	52.40	54.00	1.60	3921.98
MW - 2	01/25/16	3974.62	52.49	53.85	1.36	3921.93
MW - 2	02/12/16	3974.62	52.54	54.24	1.70	3921.83
MW - 2	02/17/16	3974.62	52.60	54.39	1.79	3921.75
MW - 2	02/24/16	3974.62	52.43	53.66	1.23	3922.01

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	03/09/16	3974.62	52.52	54.85	2.33	3921.75
MW - 2	03/30/16	3974.62	52.61	54.62	2.01	3921.71
MW - 2	04/13/16	3974.62	52.54	54.49	1.95	3921.79
MW - 2	04/27/16	3974.62	52.55	54.73	2.18	3921.74
MW - 2	05/11/16	3974.62	52.53	53.87	1.34	3921.89
MW - 2	06/03/16	3974.62	52.55	54.55	2.00	3921.77
MW - 2	06/13/16	3974.62	52.43	53.73	1.30	3922.00
MW - 2	07/01/16	3974.62	52.65	54.34	1.69	3921.72
MW - 2	07/08/16	3974.62	52.45	54.12	1.67	3921.92
MW - 2	07/12/16	3974.62	52.46	54.00	1.54	3921.93
MW - 2	07/18/16	3974.62	52.54	53.88	1.34	3921.88
MW - 2	08/02/16	3974.62	52.49	54.00	1.51	3921.90
MW - 2	08/12/16	3974.62	52.50	54.27	1.77	3921.85
MW - 2	08/17/16	3974.62	52.44	54.25	1.81	3921.91
MW - 2	09/21/16	3974.62	52.43	54.07	1.64	3921.94
MW - 2	10/21/16	3974.62	52.35	54.20	1.85	3921.99
MW - 2	10/24/16	3974.62	52.53	54.36	1.83	3921.82
MW - 2	10/26/16	3974.62	52.99	53.02	0.03	3921.63
MW - 2	10/31/16	3974.62	52.48	54.30	1.82	3921.87
MW - 2	11/21/16	3974.62	52.64	54.43	1.79	3921.71
MW - 2	11/28/16	3974.62	52.40	53.92	1.52	3921.99
MW - 2	12/07/16	3974.62	52.53	54.51	1.98	3921.79
MW - 2	12/14/16	3974.62	52.71	54.33	1.62	3921.67
MW - 2	12/21/16	3974.62	52.42	53.82	1.40	3921.99
MW - 2	01/04/17	3974.62	52.40	53.96	1.56	3921.99
MW - 2	01/12/17	3974.62	52.41	53.98	1.57	3921.97
MW - 2	01/26/17	3974.62	52.52	54.56	2.04	3921.79
MW - 2	02/07/17	3974.62	52.40	54.17	1.77	3921.95
MW - 2	02/21/17	3974.62	52.40	53.94	1.54	3921.99
MW - 2	02/23/17	3974.62	52.38	53.91	1.53	3922.01
MW - 2	03/08/17	3974.62	52.55	54.41	1.86	3921.79
MW - 2	04/07/17	3974.62	52.38	53.90	1.52	3922.01
MW - 2	04/18/17	3974.62	52.39	53.90	1.51	3922.00
MW - 2	05/10/17	3974.62	52.48	54.39	1.91	3921.85
MW - 2	05/24/17	3974.62	52.38	52.87	0.49	3922.17
MW - 2	06/02/17	3974.62	52.36	53.99	1.63	3922.02
MW - 2	07/12/17	3974.62	52.53	54.94	2.41	3921.73
MW - 2	07/19/17	3974.62	52.55	54.48	1.93	3921.78
MW - 2	07/27/17	3974.62	52.38	54.29	1.91	3921.95
MW - 2	08/11/17	3974.62	52.51	54.89	2.38	3921.75
MW - 2	08/24/17	3974.62	52.43	54.17	1.74	3921.93
MW - 2	09/05/17	3974.62	52.45	54.22	1.77	3921.90
MW - 2	10/18/17	3974.62	52.55	54.53	1.98	3921.77

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	10/25/17	3974.62	52.51	54.11	1.60	3921.87
MW - 2	11/01/17	3974.62	52.50	54.13	1.63	3921.88
MW - 2	11/08/17	3974.62	52.48	53.30	0.82	3922.02
MW - 2	11/28/17	3974.62	52.46	53.40	0.94	3922.02
MW - 2	12/19/17	3974.62	52.45	54.29	1.84	3921.89
MW - 2	01/16/18	3974.62	52.38	54.28	1.90	3921.96
MW - 2	01/30/18	3974.62	52.45	54.18	1.73	3921.91
MW - 2	02/06/18	3974.62	52.48	54.34	1.86	3921.86
MW - 2	02/13/18	3974.62	52.50	54.36	1.86	3921.84
MW - 2	02/26/18	3974.62	52.47	54.12	1.65	3921.90
MW - 2	04/03/18	3974.62	52.48	54.09	1.61	3921.90
MW - 2	04/17/18	3974.62	52.46	54.12	1.66	3921.91
MW - 2	05/07/18	3974.62	52.46	54.64	2.18	3921.83
MW - 2	06/21/18	3974.62	52.49	54.37	1.88	3921.85
MW - 2	06/26/18	3974.62	52.48	54.35	1.87	3921.86
MW - 2	07/12/18	3974.62	52.51	54.36	1.85	3921.83
MW - 2	07/17/18	3974.62	52.51	54.37	1.86	3921.83
MW - 2	08/01/18	3974.62	52.53	54.39	1.86	3921.81
MW - 2	08/09/18	3974.62	52.52	54.34	1.82	3921.83
MW - 2	08/23/18	3974.62	52.54	54.43	1.89	3921.80
MW - 2	08/30/18	3974.62	52.57	53.51	0.94	3921.91
MW - 2	08/31/18	3974.62	52.59	54.21	1.62	3921.79
MW - 2	09/11/18	3974.62	52.63	53.91	1.28	3921.80
MW - 2	09/19/18	3974.62	52.57	53.91	1.34	3921.85
MW - 2	10/16/18	3974.62	52.57	53.96	1.39	3921.84
MW - 2	11/01/18	3974.62	52.56	53.81	1.25	3921.87
MW - 2	11/05/18	3974.62	52.52	54.16	1.64	3921.85
MW - 2	11/14/18	3974.62	52.52	53.79	1.27	3921.91
MW - 2	12/04/18	3974.62	52.53	54.58	2.05	3921.78
MW - 2	12/06/18	3974.62	52.51	54.56	2.05	3921.80
MW - 2	12/18/18	3974.62	52.65	54.02	1.37	3921.76
MW - 2	12/20/18	3974.62	52.66	54.52	1.86	3921.68
MW - 2	12/26/18	3974.62	52.62	53.99	1.37	3921.79
MW - 2	01/08/19	3974.62	52.62	54.01	1.39	3921.79
MW - 2	01/10/19	3974.62	52.61	53.97	1.36	3921.81
MW - 2	01/15/19	3974.62	52.66	53.92	1.26	3921.77
MW - 2	01/24/19	3974.62	52.88	53.91	1.03	3921.59
MW - 2	02/11/19	3974.62	52.80	53.99	1.19	3921.64
MW - 2	02/18/19	3974.62	52.48	53.97	1.49	3921.92
MW - 2	04/16/19	3974.62	52.74	54.01	1.27	3921.69
MW - 2	04/23/19	3974.62	52.88	54.21	1.33	3921.54
MW - 2	04/30/19	3974.62	52.55	54.39	1.84	3921.79
MW - 2	05/07/19	3974.62	52.72	54.10	1.38	3921.69

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	05/09/19	3974.62	52.78	54.09	1.31	3921.64
MW - 2	05/14/19	3974.62	52.67	54.01	1.34	3921.75
MW - 2	06/04/19	3974.62	52.80	54.01	1.21	3921.64
MW - 2	06/11/19	3974.62	52.82	53.98	1.16	3921.63
MW - 2	06/13/19	3974.62	52.77	53.99	1.22	3921.67
MW - 2	06/17/19	3974.62	52.58	53.76	1.18	3921.86
MW - 2	07/01/19	3974.62	52.51	53.97	1.46	3921.89
MW - 2	07/02/19	3974.62	52.56	53.80	1.24	3921.87
MW - 2	08/19/19	3974.62	52.59	53.24	0.65	3921.93
MW - 2	08/29/19	3974.62	52.58	53.29	0.71	3921.93
MW - 2	09/03/19	3974.62	52.51	53.26	0.75	3922.00
MW - 2	09/10/19	3974.62	52.49	53.24	0.75	3922.02
MW - 2	10/01/19	3974.62	52.54	53.22	0.68	3921.98
MW - 2	10/22/19	3974.62	52.56	53.31	0.75	3921.95
MW - 2	11/11/19	3974.62	52.65	53.27	0.62	3921.88
MW - 2	11/15/19	3974.62	52.60	55.24	2.64	3921.62
MW - 2	01/08/20	3974.62	52.57	55.30	2.73	3921.64
MW - 2	02/13/20	3974.62	52.74	54.45	1.71	3921.62
MW - 2	02/18/20	3974.62	52.69	54.44	1.75	3921.67
MW - 2	05/05/20	3974.62	52.60	55.12	2.52	3921.64
MW - 2	06/11/20	3974.62	52.60	55.26	2.66	3921.62
MW - 2	09/23/20	3974.62	52.67	55.67	3.00	3921.50
MW - 2	12/04/20	3974.62	52.67	55.69	3.02	3921.50
MW - 2	03/23/21	3974.62	52.68	55.81	3.13	3921.47
MW - 2	06/04/21	3974.62	52.66	55.00	2.34	3921.61
MW - 2	08/12/21	3974.62	52.77	56.16	3.39	3921.34
MW - 2	09/30/21	3974.62	52.89	55.88	2.99	3921.28
MW - 2	12/09/21	3974.62	52.99	55.02	2.03	3921.33
MW - 3	03/02/00	3974.60	52.71	55.03	2.32	3921.54
MW - 3	04/25/00	3974.60	52.61	55.09	2.48	3921.62
MW - 3	09/06/00	3974.60	52.54	55.66	3.12	3921.59
MW - 3	11/28/00	3974.60	52.64	55.57	2.93	3921.52
MW - 3	02/21/01	3974.60	52.94	53.50	0.56	3921.58
MW - 3	05/31/01	3974.60	52.51	55.71	3.20	3921.61
MW - 3	08/23/01	3974.60	52.46	55.80	3.34	3921.64
MW - 3	11/21/01	3974.60	52.46	55.81	3.35	3921.64
MW - 3	02/13/02	3974.60	52.51	55.78	3.27	3921.60
MW - 3	06/12/02	3974.60	52.47	55.17	2.70	3921.73
MW - 3	08/26/02	3974.60	55.74	52.49	-3.25	3919.35
MW - 3	11/08/02	3974.60	53.15	53.21	0.06	3921.44
MW - 3	11/21/02	3974.60	53.15	53.21	0.06	3921.44
MW - 3	12/27/02	3974.60	52.64	55.24	2.60	3921.57

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	01/06/03	3974.60	52.87	54.47	1.60	3921.49
MW - 3	01/08/03	3974.60	52.77	54.69	1.92	3921.54
MW - 3	01/10/03	3974.60	53.04	53.46	0.42	3921.50
MW - 3	01/13/03	3974.60	53.04	53.41	0.37	3921.50
MW - 3	02/05/03	3974.60	53.04	53.41	0.37	3921.50
MW - 3	02/26/03	3974.60	52.81	54.24	1.43	3921.58
MW - 3	03/04/03	3974.60	52.84	54.25	1.41	3921.55
MW - 3	03/12/03	3974.60	52.65	55.24	2.59	3921.56
MW - 3	03/18/03	3974.60	52.72	55.30	2.58	3921.49
MW - 3	03/25/03	3974.60	52.64	55.30	2.66	3921.56
MW - 3	03/31/03	3974.60	52.95	53.74	0.79	3921.53
MW - 3	04/09/03	3974.60	52.41	52.98	0.57	3922.10
MW - 3	04/14/03	3974.60	52.68	52.91	0.23	3921.89
MW - 3	05/07/03	3974.60	52.56	55.23	2.67	3921.64
MW - 3	05/08/03	3974.60	52.64	55.30	2.66	3921.56
MW - 3	05/13/03	3974.60	52.66	55.36	2.70	3921.54
MW - 3	05/21/03	3974.60	52.65	55.40	2.75	3921.54
MW - 3	05/28/03	3974.60	53.03	53.87	0.84	3921.44
MW - 3	06/03/03	3974.60	52.72	55.12	2.40	3921.52
MW - 3	06/09/03	3974.60	52.65	55.50	2.85	3921.52
MW - 3	07/01/03	3974.60	52.68	55.81	3.13	3921.45
MW - 3	07/08/03	3974.60	52.68	55.84	3.16	3921.45
MW - 3	07/29/03	3974.60	52.53	55.71	3.18	3921.59
MW - 3	08/04/03	3974.60	52.70	55.91	3.21	3921.42
MW - 3	08/18/03	3974.60	52.81	56.01	3.20	3921.31
MW - 3	08/25/03	3974.60	53.83	56.06	2.23	3920.44
MW - 3	10/01/03	3974.60	52.60	54.81	2.21	3921.67
MW - 3	10/06/03	3974.60	62.62	55.73	-6.89	3913.01
MW - 3	10/08/03	3974.60	52.90	56.09	3.19	3921.22
MW - 3	10/15/03	3974.60	52.89	56.04	3.15	3921.24
MW - 3	11/12/03	3974.60	53.21	56.72	3.51	3920.86
MW - 3	11/19/03	3974.60	52.99	56.08	3.09	3921.15
MW - 3	12/01/03	3974.60	53.05	56.08	3.03	3921.10
MW - 3	12/10/03	3974.60	52.72	55.74	3.02	3921.43
MW - 3	02/05/04	3974.60	53.04	56.11	3.07	3921.10
MW - 3	02/17/04	3974.60	52.80	55.64	2.84	3921.37
MW - 3	02/25/04	3974.60	53.03	56.08	3.05	3921.11
MW - 3	03/09/04	3974.60	52.83	55.86	3.03	3921.32
MW - 3	03/16/04	3974.60	52.79	55.81	3.02	3921.36
MW - 3	03/22/04	3974.60	52.85	54.16	1.31	3921.55
MW - 3	04/07/04	3974.60	52.87	53.18	0.31	3921.68
MW - 3	04/12/04	3974.60	52.97	55.02	2.05	3921.32
MW - 3	04/19/04	3974.60	52.80	53.06	0.26	3921.76

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	05/05/04	3974.60	52.87	55.57	2.70	3921.33
MW - 3	05/11/04	3974.60	53.02	55.68	2.66	3921.18
MW - 3	06/07/04	3974.60	52.62	55.29	2.67	3921.58
MW - 3	06/15/04	3974.60	52.65	55.27	2.62	3921.56
MW - 3	06/20/04	3974.60	52.65	55.27	2.62	3921.56
MW - 3	06/21/04	3974.60	52.61	55.32	2.71	3921.58
MW - 3	06/28/04	3974.60	52.62	55.34	2.72	3921.57
MW - 3	07/08/04	3974.60	52.60	55.31	2.71	3921.59
MW - 3	07/12/04	3974.60	52.57	55.33	2.76	3921.62
MW - 3	08/06/04	3974.60	52.69	55.36	2.67	3921.51
MW - 3	08/12/04	3974.60	52.68	55.37	2.69	3921.52
MW - 3	08/17/04	3974.60	52.63	55.30	2.67	3921.57
MW - 3	08/26/04	3974.60	52.63	55.79	3.16	3921.50
MW - 3	09/01/04	3974.60	52.74	55.15	2.41	3921.50
MW - 3	09/03/04	3974.60	52.83	55.22	2.39	3921.41
MW - 3	09/08/04	3974.60	52.78	55.42	2.64	3921.42
MW - 3	09/14/04	3974.60	52.76	55.05	2.29	3921.50
MW - 3	09/22/04	3974.60	52.86	55.05	2.19	3921.41
MW - 3	10/01/04	3974.60	52.73	55.30	2.57	3921.48
MW - 3	10/08/04	3974.60	52.78	55.16	2.38	3921.46
MW - 3	10/15/04	3974.60	52.65	54.80	2.15	3921.63
MW - 3	10/22/04	3974.60	52.66	55.20	2.54	3921.56
MW - 3	11/12/04	3974.60	53.11	53.44	0.33	3921.44
MW - 3	11/26/04	3974.60	53.10	53.60	0.50	3921.43
MW - 3	12/02/04	3974.60	53.25	53.50	0.25	3921.31
MW - 3	12/06/04	3974.60	53.09	53.59	0.50	3921.44
MW - 3	12/13/04	3974.60	53.12	53.60	0.48	3921.41
MW - 3	12/15/04	3974.60	53.12	53.60	0.48	3921.41
MW - 3	12/27/04	3974.60	52.87	54.20	1.33	3921.53
MW - 3	01/10/05	3974.60	52.72	54.54	1.82	3921.61
MW - 3	01/18/05	3974.60	52.70	54.70	2.00	3921.60
MW - 3	01/18/05	3974.60	52.81	53.85	1.04	3921.63
MW - 3	01/25/05	3974.60	52.65	54.58	1.93	3921.66
MW - 3	01/27/05	3974.60	52.70	54.40	1.70	3921.65
MW - 3	02/01/05	3974.60	52.66	54.47	1.81	3921.67
MW - 3	02/07/05	3974.60	52.60	54.49	1.89	3921.72
MW - 3	02/11/05	3974.60	52.63	54.38	1.75	3921.71
MW - 3	02/15/05	3974.60	52.64	54.36	1.72	3921.70
MW - 3	02/22/05	3974.60	52.50	54.89	2.39	3921.74
MW - 3	02/24/05	3974.60	52.51	54.85	2.34	3921.74
MW - 3	03/03/05	3974.60	52.49	54.90	2.41	3921.75
MW - 3	03/09/05	3974.60	52.49	54.92	2.43	3921.75
MW - 3	03/22/05	3974.60	52.52	54.84	2.32	3921.73

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	03/24/05	3974.60	52.52	54.84	2.32	3921.73
MW - 3	03/31/05	3974.60	DAMAGED		-	-
MW - 3	06/22/05	3974.60	52.45	54.60	2.15	3921.83
MW - 3	07/21/05	3974.60	52.38	54.60	2.22	3921.89
MW - 3	08/03/05	3974.60	52.40	54.52	2.12	3921.88
MW - 3	08/12/05	3974.60	52.39	53.43	1.04	3922.05
MW - 3	08/15/05	3974.60	52.44	54.27	1.83	3921.89
MW - 3	08/22/05	3974.60	52.43	54.34	1.91	3921.88
MW - 3	08/30/05	3974.60	52.39	54.38	1.99	3921.91
MW - 3	09/07/05	3974.60	52.40	54.39	1.99	3921.90
MW - 3	09/14/05	3974.60	52.43	54.30	1.87	3921.89
MW - 3	09/20/05	3974.60	52.40	54.20	1.80	3921.93
MW - 3	09/21/05	3974.60	52.43	54.33	1.90	3921.89
MW - 3	09/28/05	3974.60	52.39	54.36	1.97	3921.91
MW - 3	10/06/05	3974.60	52.30	54.68	2.38	3921.94
MW - 3	10/13/05	3974.60	52.30	54.66	2.36	3921.95
MW - 3	10/20/05	3974.60	52.31	54.60	2.29	3921.95
MW - 3	10/26/05	3974.60	52.32	54.60	2.28	3921.94
MW - 3	11/03/05	3974.60	52.28	54.59	2.31	3921.97
MW - 3	11/10/05	3974.60	52.27	54.62	2.35	3921.98
MW - 3	11/16/05	3974.60	52.31	54.58	2.27	3921.95
MW - 3	11/23/05	3974.60	52.36	54.50	2.14	3921.92
MW - 3	11/28/05	3974.60	52.25	54.60	2.35	3922.00
MW - 3	12/05/05	3974.60	52.30	54.49	2.19	3921.97
MW - 3	12/12/05	3974.60	52.29	54.51	2.22	3921.98
MW - 3	12/16/05	3974.60	52.89	53.78	0.89	3921.58
MW - 3	12/19/05	3974.60	52.36	54.53	2.17	3921.91
MW - 3	12/29/05	3974.60	52.28	54.60	2.32	3921.97
MW - 3	01/04/06	3974.60	52.33	54.58	2.25	3921.93
MW - 3	01/10/06	3974.60	52.29	54.58	2.29	3921.97
MW - 3	01/17/06	3974.60	52.28	54.52	2.24	3921.98
MW - 3	01/26/06	3974.60	52.27	54.52	2.25	3921.99
MW - 3	01/31/06	3974.60	52.28	54.50	2.22	3921.99
MW - 3	02/07/06	3974.60	52.27	54.46	2.19	3922.00
MW - 3	02/09/06	3974.60	52.36	54.15	1.79	3921.97
MW - 3	02/13/06	3974.60	52.25	54.49	2.24	3922.01
MW - 3	02/22/06	3974.60	52.25	54.53	2.28	3922.01
MW - 3	02/28/06	3974.60	52.27	54.50	2.23	3922.00
MW - 3	03/07/06	3974.60	52.28	54.46	2.18	3921.99
MW - 3	03/15/06	3974.60	52.25	54.44	2.19	3922.02
MW - 3	03/20/06	3974.60	52.24	54.37	2.13	3922.04
MW - 3	03/22/06	3974.60	52.71	52.78	0.07	3921.88
MW - 3	03/29/06	3974.60	52.28	54.11	1.83	3922.05

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	04/11/06	3974.60	52.23	54.29	2.06	3922.06
MW - 3	04/18/06	3974.60	52.23	54.32	2.09	3922.06
MW - 3	04/25/06	3974.60	52.32	54.12	1.80	3922.01
MW - 3	05/02/06	3974.60	52.23	54.43	2.20	3922.04
MW - 3	05/09/06	3974.60	52.22	54.30	2.08	3922.07
MW - 3	05/16/06	3974.60	52.22	54.29	2.07	3922.07
MW - 3	05/23/06	3974.60	52.23	54.30	2.07	3922.06
MW - 3	05/31/06	3974.60	52.23	54.31	2.08	3922.06
MW - 3	06/06/06	3974.60	52.22	54.21	1.99	3922.08
MW - 3	06/13/06	3974.60	52.21	54.24	2.03	3922.09
MW - 3	06/20/06	3974.60	52.21	54.23	2.02	3922.09
MW - 3	06/21/06	3974.60	52.34	53.66	1.32	3922.06
MW - 3	07/06/06	3974.60	52.22	54.25	2.03	3922.08
MW - 3	07/12/06	3974.60	52.29	53.96	1.67	3922.06
MW - 3	07/20/06	3974.60	52.25	53.99	1.74	3922.09
MW - 3	07/25/06	3974.60	52.29	53.88	1.59	3922.07
MW - 3	08/01/06	3974.60	52.29	53.90	1.61	3922.07
MW - 3	08/16/06	3974.60	52.32	53.78	1.46	3922.06
MW - 3	08/23/06	3974.60	53.33	53.75	0.42	3921.21
MW - 3	08/28/06	3974.60	52.32	53.79	1.47	3922.06
MW - 3	09/12/06	3974.60	52.32	53.77	1.45	3922.06
MW - 3	09/22/06	3974.60	52.34	54.01	1.67	3922.01
MW - 3	10/06/06	3974.60	WELL OBSTRUCTED		-	-
MW - 3	10/10/06	3974.60	WELL OBSTRUCTED		-	-
MW - 3	12/04/06	3974.60	WELL OBSTRUCTED		-	-
MW - 3	12/15/06	3974.60	WELL OBSTRUCTED		-	-
MW - 3	01/05/07	3974.60	WELL OBSTRUCTED		-	-
MW - 3	02/09/07	3974.60	INSUFFICIENT		-	-
MW - 3	03/14/07	3974.60	52.20	53.73	1.53	3922.17
MW - 3	03/26/07	3974.60	52.16	53.99	1.83	3922.17
MW - 3	04/03/07	3974.60	52.14	54.06	1.92	3922.17
MW - 3	04/09/07	3974.60	52.13	54.03	1.90	3922.19
MW - 3	04/26/07	3974.60	52.13	54.06	1.93	3922.18
MW - 3	04/30/07	3974.60	52.16	53.96	1.80	3922.17
MW - 3	05/11/07	3974.60	52.13	54.00	1.87	3922.19
MW - 3	05/16/07	3974.60	52.16	53.90	1.74	3922.18
MW - 3	05/22/07	3974.60	52.14	53.93	1.79	3922.19
MW - 3	05/29/07	3974.60	52.13	53.94	1.81	3922.20
MW - 3	06/01/07	3974.60	52.12	53.96	1.84	3922.20
MW - 3	06/08/07	3974.60	52.13	53.95	1.82	3922.20
MW - 3	06/11/07	3974.60	52.18	53.80	1.62	3922.18
MW - 3	06/20/07	3974.60	52.13	53.90	1.77	3922.20
MW - 3	07/10/07	3974.60	52.12	53.90	1.78	3922.21

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	07/20/07	3974.60	52.12	53.90	1.78	3922.21
MW - 3	07/25/07	3974.60	52.12	53.84	1.72	3922.22
MW - 3	08/01/07	3974.60	52.11	53.81	1.70	3922.24
MW - 3	08/10/07	3974.60	52.12	53.86	1.74	3922.22
MW - 3	08/15/07	3974.60	52.12	53.77	1.65	3922.23
MW - 3	08/30/07	3974.60	52.12	53.83	1.71	3922.22
MW - 3	08/31/07	3974.60	52.12	53.83	1.71	3922.22
MW - 3	09/10/07	3974.60	52.11	53.81	1.70	3922.24
MW - 3	09/19/07	3974.60	52.11	53.79	1.68	3922.24
MW - 3	10/01/07	3974.60	52.22	53.36	1.14	3922.21
MW - 3	10/19/07	3974.60	52.14	53.59	1.45	3922.24
MW - 3	11/12/07	3974.60	52.15	53.52	1.37	3922.24
MW - 3	12/13/07	3974.60	52.08	53.72	1.64	3922.27
MW - 3	03/07/08	3974.60	52.06	53.62	1.56	3922.31
MW - 3	05/29/08	3974.60	52.04	53.41	1.37	3922.35
MW - 3	06/02/08	3974.60	52.04	53.35	1.31	3922.36
MW - 3	06/03/08	3974.60	52.04	53.35	1.31	3922.36
MW - 3	08/02/08	3974.60	52.05	53.45	1.40	3922.34
MW - 3	09/03/08	3974.60	52.01	53.42	1.41	3922.38
MW - 3	09/19/08	3974.60	52.13	53.38	1.25	3922.28
MW - 3	09/26/08	3974.60	52.08	53.38	1.30	3922.33
MW - 3	10/10/08	3974.60	52.01	53.34	1.33	3922.39
MW - 3	10/17/08	3974.60	52.04	53.32	1.28	3922.37
MW - 3	10/21/08	3974.60	52.06	53.33	1.27	3922.35
MW - 3	10/30/08	3974.60	52.03	53.30	1.27	3922.38
MW - 3	11/04/08	3974.60	52.03	53.26	1.23	3922.39
MW - 3	11/18/08	3974.60	52.03	53.30	1.27	3922.38
MW - 3	11/25/08	3974.60	52.06	53.33	1.27	3922.35
MW - 3	12/10/08	3974.60	52.04	53.29	1.25	3922.37
MW - 3	12/18/08	3974.60	52.02	53.31	1.29	3922.39
MW - 3	01/06/09	3974.60	52.00	53.29	1.29	3922.41
MW - 3	01/14/09	3974.60	52.03	53.31	1.28	3922.38
MW - 3	01/21/09	3974.60	52.03	53.25	1.22	3922.39
MW - 3	01/22/09	3974.60	52.02	53.02	1.00	3922.43
MW - 3	01/30/09	3974.60	52.04	53.27	1.23	3922.38
MW - 3	02/03/09	3974.60	52.03	53.20	1.17	3922.39
MW - 3	02/12/09	3974.60	52.02	53.20	1.18	3922.40
MW - 3	02/19/09	3974.60	52.02	53.17	1.15	3922.41
MW - 3	03/04/09	3974.60	52.05	53.03	0.98	3922.40
MW - 3	03/06/09	3974.60	52.01	53.05	1.04	3922.43
MW - 3	03/11/09	3974.60	52.04	53.19	1.15	3922.39
MW - 3	03/16/09	3974.60	52.08	53.06	0.98	3922.37
MW - 3	03/19/09	3974.60	52.03	53.19	1.16	3922.40

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	03/24/09	3974.60	51.99	52.92	0.93	3922.47
MW - 3	04/03/09	3974.60	51.58	52.70	1.12	3922.85
MW - 3	04/15/09	3974.60	52.01	53.10	1.09	3922.43
MW - 3	04/17/09	3974.60	52.07	53.04	0.97	3922.38
MW - 3	04/22/09	3974.60	51.97	53.06	1.09	3922.47
MW - 3	04/29/09	3974.60	52.06	53.14	1.08	3922.38
MW - 3	05/20/09	3974.60	52.00	53.09	1.09	3922.44
MW - 3	05/20/09	3974.60	52.00	53.09	1.09	3922.44
MW - 3	06/09/09	3974.60	51.99	53.14	1.15	3922.44
MW - 3	06/17/09	3974.60	52.00	53.12	1.12	3922.43
MW - 3	06/23/09	3974.60	51.95	53.08	1.13	3922.48
MW - 3	07/01/09	3974.60	52.00	53.16	1.16	3922.43
MW - 3	07/08/09	3974.60	52.02	53.14	1.12	3922.41
MW - 3	07/15/09	3974.60	52.00	53.08	1.08	3922.44
MW - 3	07/17/09	3974.60	52.04	53.05	1.01	3922.41
MW - 3	07/23/09	3974.60	52.02	53.12	1.10	3922.42
MW - 3	07/24/09	3974.60	52.05	52.87	0.82	3922.43
MW - 3	07/30/09	3974.60	52.08	53.19	1.11	3922.35
MW - 3	08/04/09	3974.60	52.00	53.02	1.02	3922.45
MW - 3	08/12/09	3974.60	52.02	53.08	1.06	3922.42
MW - 3	08/20/09	3974.60	52.00	53.08	1.08	3922.44
MW - 3	08/26/09	3974.60	51.98	52.73	0.75	3922.51
MW - 3	09/02/09	3974.60	51.99	53.11	1.12	3922.44
MW - 3	09/09/09	3974.60	52.02	53.11	1.09	3922.42
MW - 3	09/14/09	3974.60	52.01	53.06	1.05	3922.43
MW - 3	09/21/09	3974.60	52.01	53.10	1.09	3922.43
MW - 3	10/01/09	3974.60	52.02	53.09	1.07	3922.42
MW - 3	10/08/09	3974.60	52.02	53.12	1.10	3922.42
MW - 3	10/08/09	3974.60	52.02	53.12	1.10	3922.42
MW - 3	10/14/09	3974.60	52.02	53.09	1.07	3922.42
MW - 3	10/21/09	3974.60	52.02	53.15	1.13	3922.41
MW - 3	10/28/09	3974.60	52.97	53.09	0.12	3921.61
MW - 3	11/04/09	3974.60	51.99	53.02	1.03	3922.46
MW - 3	11/11/09	3974.60	51.99	53.00	1.01	3922.46
MW - 3	11/18/09	3974.60	52.03	53.10	1.07	3922.41
MW - 3	11/25/09	3974.60	51.99	53.09	1.10	3922.45
MW - 3	12/02/09	3974.60	52.02	53.09	1.07	3922.42
MW - 3	12/10/09	3974.60	52.00	53.03	1.03	3922.45
MW - 3	12/17/09	3974.60	52.06	53.05	0.99	3922.39
MW - 3	12/21/09	3974.60	52.02	52.72	0.70	3922.48
MW - 3	12/30/09	3974.60	52.11	52.99	0.88	3922.36
MW - 3	01/07/10	3974.60	52.06	52.72	0.66	3922.44
MW - 3	01/18/10	3974.60	52.08	52.64	0.56	3922.44

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	02/02/10	3974.60	52.02	52.93	0.91	3922.44
MW - 3	02/11/10	3974.60	51.97	52.91	0.94	3922.49
MW - 3	02/18/10	3974.60	51.98	51.99	0.01	3922.62
MW - 3	02/25/10	3974.60	52.04	53.00	0.96	3922.42
MW - 3	03/02/10	3974.60	52.05	52.95	0.90	3922.42
MW - 3	03/04/10	3974.60	52.00	52.83	0.83	3922.48
MW - 3	03/10/10	3974.60	51.98	52.93	0.95	3922.48
MW - 3	03/12/10	3974.60	52.07	52.84	0.77	3922.41
MW - 3	03/15/10	3974.60	52.03	52.77	0.74	3922.46
MW - 3	03/18/10	3974.60	52.06	52.77	0.71	3922.43
MW - 3	03/22/10	3974.60	52.10	52.80	0.70	3922.40
MW - 3	03/24/10	3974.60	52.12	52.73	0.61	3922.39
MW - 3	03/30/10	3974.60	52.08	52.74	0.66	3922.42
MW - 3	04/07/10	3974.60	52.10	52.74	0.64	3922.40
MW - 3	04/12/10	3974.60	52.00	52.72	0.72	3922.49
MW - 3	04/16/10	3974.60	52.39	54.08	1.69	3921.96
MW - 3	04/20/10	3974.60	52.34	53.61	1.27	3922.07
MW - 3	04/27/10	3974.60	52.42	53.74	1.32	3921.98
MW - 3	04/30/10	3974.60	52.32	53.31	0.99	3922.13
MW - 3	05/12/10	3974.60	52.36	53.78	1.42	3922.03
MW - 3	05/14/10	3974.60	52.33	53.33	1.00	3922.12
MW - 3	05/17/10	3974.60	52.52	53.74	1.22	3921.90
MW - 3	05/20/10	3974.60	52.37	53.78	1.41	3922.02
MW - 3	05/25/10	3974.60	52.26	53.13	0.87	3922.21
MW - 3	06/01/10	3974.60	52.25	53.14	0.89	3922.22
MW - 3	06/09/10	3974.60	52.27	53.11	0.84	3922.20
MW - 3	06/16/10	3974.60	52.28	52.96	0.68	3922.22
MW - 3	06/28/10	3974.60	52.32	53.37	1.05	3922.12
MW - 3	07/09/10	3974.60	52.29	52.94	0.65	3922.21
MW - 3	07/23/10	3974.60	51.99	52.67	0.68	3922.51
MW - 3	07/29/10	3974.60	51.99	52.68	0.69	3922.51
MW - 3	08/05/10	3974.60	51.98	52.70	0.72	3922.51
MW - 3	08/12/10	3974.60	51.98	52.73	0.75	3922.51
MW - 3	08/16/10	3974.60	51.98	52.73	0.75	3922.51
MW - 3	08/18/10	3974.60	51.98	52.75	0.77	3922.50
MW - 3	08/26/10	3974.60	52.11	53.04	0.93	3922.35
MW - 3	09/02/10	3974.60	52.19	53.40	1.21	3922.23
MW - 3	09/09/10	3974.60	51.96	52.71	0.75	3922.53
MW - 3	09/30/10	3974.60	52.04	52.58	0.54	3922.48
MW - 3	10/07/10	3974.60	52.04	52.65	0.61	3922.47
MW - 3	10/14/10	3974.60	52.30	53.90	1.60	3922.06
MW - 3	10/21/10	3974.60	52.28	53.89	1.61	3922.08
MW - 3	11/04/10	3974.60	52.18	53.24	1.06	3922.26

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	11/10/10	3974.60	52.29	53.87	1.58	3922.07
MW - 3	12/01/10	3974.60	51.96	52.81	0.85	3922.51
MW - 3	12/08/10	3974.60	52.09	53.16	1.07	3922.35
MW - 3	01/26/11	3974.60	52.00	52.75	0.75	3922.49
MW - 3	02/28/11	3974.60	52.27	53.87	1.60	3922.09
MW - 3	03/04/11	3974.60	52.08	52.88	0.80	3922.40
MW - 3	03/09/11	3974.60	52.07	53.57	1.50	3922.31
MW - 3	04/28/11	3974.60	52.11	53.12	1.01	3922.34
MW - 3	05/04/11	3974.60	52.09	52.12	0.03	3922.51
MW - 3	05/11/11	3974.60	52.14	53.11	0.97	3922.31
MW - 3	05/12/11	3974.60	52.10	53.06	0.96	3922.36
MW - 3	05/18/11	3974.60	52.13	53.18	1.05	3922.31
MW - 3	05/23/11	3974.60	52.07	53.02	0.95	3922.39
MW - 3	06/08/11	3974.60	52.11	53.19	1.08	3922.33
MW - 3	06/16/11	3974.60	52.09	53.05	0.96	3922.37
MW - 3	06/22/11	3974.60	52.11	53.10	0.99	3922.34
MW - 3	06/30/11	3974.60	52.05	53.52	1.47	3922.33
MW - 3	07/06/11	3974.60	51.98	53.15	1.17	3922.44
MW - 3	07/13/11	3974.60	52.08	53.25	1.17	3922.34
MW - 3	07/15/11	3974.60	52.10	53.50	1.40	3922.29
MW - 3	07/19/11	3974.60	52.15	53.08	0.93	3922.31
MW - 3	07/21/11	3974.60	52.02	53.04	1.02	3922.43
MW - 3	07/26/11	3974.60	52.15	53.05	0.90	3922.32
MW - 3	07/28/11	3974.60	52.12	53.06	0.94	3922.34
MW - 3	08/02/11	3974.60	52.25	53.76	1.51	3922.12
MW - 3	08/09/11	3974.60	52.20	53.68	1.48	3922.18
MW - 3	08/12/11	3974.60	52.13	53.38	1.25	3922.28
MW - 3	08/15/11	3974.60	52.13	53.38	1.25	3922.28
MW - 3	08/16/11	3974.60	52.12	53.80	1.68	3922.23
MW - 3	08/19/11	3974.60	52.13	53.71	1.58	3922.23
MW - 3	08/23/11	3974.60	52.16	53.30	1.14	3922.27
MW - 3	08/26/11	3974.60	52.21	53.25	1.04	3922.23
MW - 3	08/30/11	3974.60	52.02	52.69	0.67	3922.48
MW - 3	09/01/11	3974.60	52.05	52.42	0.37	3922.49
MW - 3	09/08/11	3974.60	52.14	53.89	1.75	3922.20
MW - 3	09/13/11	3974.60	52.10	53.49	1.39	3922.29
MW - 3	09/15/11	3974.60	52.22	52.28	0.06	3922.37
MW - 3	09/22/11	3974.60	52.03	52.75	0.72	3922.46
MW - 3	10/06/11	3974.60	52.04	52.92	0.88	3922.43
MW - 3	10/11/11	3974.60	52.17	53.19	1.02	3922.28
MW - 3	10/13/11	3974.60	52.19	53.91	1.72	3922.15
MW - 3	10/26/11	3974.60	51.13	53.36	2.23	3923.14
MW - 3	11/22/11	3974.60	52.17	53.24	1.07	3922.27

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	12/02/11	3974.60	52.01	52.94	0.93	3922.45
MW - 3	12/29/11	3974.60	51.99	52.86	0.87	3922.48
MW - 3	01/26/12	3974.60	52.04	53.28	1.24	3922.37
MW - 3	01/31/12	3974.60	52.08	53.40	1.32	3922.32
MW - 3	02/15/12	3974.60	52.01	52.83	0.82	3922.47
MW - 3	02/28/12	3974.60	52.04	53.24	1.20	3922.38
MW - 3	03/20/12	3974.60	52.07	53.42	1.35	3922.33
MW - 3	03/27/12	3974.60	52.57	53.37	0.80	3921.91
MW - 3	04/10/12	3974.60	52.13	53.36	1.23	3922.29
MW - 3	04/19/12	3974.60	52.09	53.43	1.34	3922.31
MW - 3	04/26/12	3974.60	52.00	52.75	0.75	3922.49
MW - 3	05/08/12	3974.60	52.01	52.76	0.75	3922.48
MW - 3	05/15/12	3974.60	51.98	53.01	1.03	3922.47
MW - 3	05/17/12	3974.60	51.96	53.02	1.06	3922.48
MW - 3	06/05/12	3974.60	52.03	53.40	1.37	3922.36
MW - 3	06/21/12	3974.60	52.02	53.51	1.49	3922.36
MW - 3	06/28/12	3974.60	52.02	53.57	1.55	3922.35
MW - 3	07/17/12	3974.60	52.00	53.23	1.23	3922.42
MW - 3	08/01/12	3974.60	52.08	53.13	1.05	3922.36
MW - 3	10/02/12	3974.60	52.08	53.48	1.40	3922.31
MW - 3	10/09/12	3974.60	52.04	53.89	1.85	3922.28
MW - 3	10/16/12	3974.60	52.10	53.32	1.22	3922.32
MW - 3	10/25/12	3974.60	52.09	53.50	1.41	3922.30
MW - 3	10/30/12	3974.60	52.08	53.51	1.43	3922.31
MW - 3	11/29/12	3974.60	52.05	54.10	2.05	3922.24
MW - 3	12/14/12	3974.60	52.10	53.63	1.53	3922.27
MW - 3	02/11/13	3974.60	52.12	53.29	1.17	3922.30
MW - 3	03/18/13	3974.60	52.29	52.48	0.19	3922.28
MW - 3	04/11/13	3974.60	52.58	52.65	0.07	3922.01
MW - 3	05/06/13	3974.60	52.17	53.08	0.91	3922.29
MW - 3	05/29/13	3974.60	52.55	52.69	0.14	3922.03
MW - 3	06/26/13	3974.60	52.63	52.68	0.05	3921.96
MW - 3	07/31/13	3974.60	52.46	52.49	0.03	3922.14
MW - 3	08/06/13	3974.60	52.46	52.48	0.02	3922.14
MW - 3	09/30/13	3974.60	52.50	52.60	0.10	3922.09
MW - 3	11/18/13	3974.60	52.32	53.19	0.87	3922.15
MW - 3	02/04/14	3974.60	52.36	53.10	0.74	3922.13
MW - 3	04/28/14	3974.60	52.34	53.06	0.72	3922.15
MW - 3	05/28/14	3974.60	52.53	52.85	0.32	3922.02
MW - 3	07/30/14	3974.60	53.79	53.80	0.01	3920.81
MW - 3	08/23/14	3974.60	53.27	53.80	0.53	3921.25
MW - 3	09/10/14	3974.60	52.51	53.42	0.91	3921.95
MW - 3	09/23/14	3974.60	52.38	53.97	1.59	3921.98

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	10/31/14	3974.60	52.49	52.91	0.42	3922.05
MW - 3	11/18/14	3974.60	52.45	53.30	0.85	3922.02
MW - 3	01/05/15	3974.60	52.71	53.09	0.38	3921.83
MW - 3	01/09/15	3974.60	52.34	53.57	1.23	3922.08
MW - 3	01/14/15	3974.60	52.33	53.66	1.33	3922.07
MW - 3	01/21/15	3974.60	52.72	53.07	0.35	3921.83
MW - 3	02/19/15	3974.60	52.74	52.82	0.08	3921.85
MW - 3	03/09/15	3974.60	52.74	53.09	0.35	3921.81
MW - 3	03/11/15	3974.60	52.81	53.19	0.38	3921.73
MW - 3	03/31/15	3974.60	52.74	53.09	0.35	3921.81
MW - 3	04/09/15	3974.60	52.44	52.92	0.48	3922.09
MW - 3	04/15/15	3974.60	52.33	52.37	0.04	3922.26
MW - 3	04/22/15	3974.60	52.33	53.50	1.17	3922.09
MW - 3	05/12/15	3974.60	52.30	53.62	1.32	3922.10
MW - 3	05/26/15	3974.60	52.71	53.04	0.33	3921.84
MW - 3	06/01/15	3974.60	52.34	53.41	1.07	3922.10
MW - 3	06/04/15	3974.60	52.29	53.67	1.38	3922.10
MW - 3	07/27/15	3974.60	52.71	52.73	0.02	3921.89
MW - 3	08/18/15	3974.60	52.45	52.85	0.40	3922.09
MW - 3	10/08/15	3974.60	52.74	53.21	0.47	3921.79
MW - 3	10/21/15	3974.60	52.49	53.15	0.66	3922.01
MW - 3	11/23/15	3974.60	53.31	54.94	1.63	3921.05
MW - 3	01/12/16	3974.60	52.51	53.35	0.84	3921.96
MW - 3	02/11/16	3974.60	52.47	53.04	0.57	3922.04
MW - 3	02/24/16	3974.60	52.49	53.07	0.58	3922.02
MW - 3	06/13/16	3974.60	52.47	53.13	0.66	3922.03
MW - 3	08/02/16	3974.60	52.52	53.56	1.04	3921.92
MW - 3	11/28/16	3974.60	52.45	53.40	0.95	3922.01
MW - 3	02/21/17	3974.60	52.48	53.31	0.83	3922.00
MW - 3	05/24/17	3974.60	52.50	53.09	0.59	3922.01
MW - 3	07/12/17	3974.60	52.50	53.09	0.59	3922.01
MW - 3	08/11/17	3974.60	52.54	53.11	0.57	3921.97
MW - 3	10/18/17	3974.60	52.67	53.54	0.87	3921.80
MW - 3	11/28/17	3974.60	52.55	53.56	1.01	3921.90
MW - 3	12/19/17	3974.60	52.53	53.66	1.13	3921.90
MW - 3	01/16/18	3974.60	52.45	54.08	1.63	3921.91
MW - 3	02/26/18	3974.60	52.60	53.20	0.60	3921.91
MW - 3	04/03/18	3974.60	52.59	53.24	0.65	3921.91
MW - 3	04/17/18	3974.60	52.52	53.49	0.97	3921.93
MW - 3	05/07/18	3974.60	52.76	52.94	0.18	3921.81
MW - 3	06/26/18	3974.60	52.60	53.61	1.01	3921.85
MW - 3	07/12/18	3974.60	52.48	54.28	1.80	3921.85
MW - 3	08/01/18	3974.60	52.60	54.50	1.90	3921.72

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	08/09/18	3974.60	52.45	54.32	1.87	3921.87
MW - 3	08/23/18	3974.60	52.47	54.49	2.02	3921.83
MW - 3	08/30/18	3974.60	52.69	53.49	0.80	3921.79
MW - 3	08/31/18	3974.60	52.49	54.38	1.89	3921.83
MW - 3	09/11/18	3974.60	52.53	54.13	1.60	3921.83
MW - 3	09/13/18	3974.60	52.55	53.71	1.16	3921.88
MW - 3	09/19/18	3974.60	52.54	54.19	1.65	3921.81
MW - 3	09/26/18	3974.60	52.31	53.37	1.06	3922.13
MW - 3	10/04/18	3974.60	52.50	53.68	1.18	3921.92
MW - 3	11/14/18	3974.60	52.65	52.88	0.23	3921.92
MW - 3	12/18/18	3974.60	52.64	53.81	1.17	3921.78
MW - 3	02/18/19	3974.60	52.64	53.59	0.95	3921.82
MW - 3	05/14/19	3974.60	52.54	53.94	1.40	3921.85
MW - 3	08/19/19	3974.60	52.85	53.77	0.92	3921.61
MW - 3	11/11/19	3974.60	52.90	53.81	0.91	3921.56
MW - 3	01/08/20	3974.60	52.74	54.16	1.42	3921.65
MW - 3	02/18/20	3974.60	52.73	53.96	1.23	3921.69
MW - 3	05/05/20	3974.60	52.71	54.24	1.53	3921.66
MW - 3	06/11/20	3974.60	52.73	54.43	1.70	3921.62
MW - 3	09/23/20	3974.60	52.75	54.82	2.07	3921.54
MW - 3	12/04/20	3974.60	52.77	54.84	2.07	3921.52
MW - 3	03/23/21	3974.60	52.86	54.61	1.75	3921.48
MW - 3	06/04/21	3974.60	52.65	55.64	2.99	3921.50
MW - 3	09/30/21	3974.60	52.74	56.12	3.38	3921.35
MW - 3	12/09/21	3974.60	52.49	54.72	2.23	3921.78
MW - 4	03/02/00	3974.53	52.58	54.30	1.72	3921.69
MW - 4	04/25/00	3974.53	52.59	54.38	1.79	3921.67
MW - 4	09/06/00	3974.53	52.44	55.11	2.67	3921.69
MW - 4	11/28/00	3974.53	52.48	55.25	2.77	3921.63
MW - 4	02/21/01	3974.53	52.38	55.15	2.77	3921.73
MW - 4	05/31/01	3974.53	52.43	55.22	2.79	3921.68
MW - 4	08/23/01	3974.53	52.38	55.24	2.86	3921.72
MW - 4	11/21/01	3974.53	52.37	55.15	2.78	3921.74
MW - 4	02/13/02	3974.53	52.42	55.21	2.79	3921.69
MW - 4	06/12/02	3974.53	52.31	55.44	3.13	3921.75
MW - 4	08/26/02	3974.53	52.33	55.50	3.17	3921.72
MW - 4	11/08/02	3974.53	52.94	53.18	0.24	3921.55
MW - 4	11/21/02	3974.53	52.61	54.63	2.02	3921.62
MW - 4	12/27/02	3974.53	52.53	54.86	2.33	3921.65
MW - 4	01/06/03	3974.53	52.74	53.93	1.19	3921.61
MW - 4	01/08/03	3974.53	52.77	53.81	1.04	3921.60
MW - 4	01/10/03	3974.53	52.86	53.31	0.45	3921.60

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	01/13/03	3974.53	52.87	53.26	0.39	3921.60
MW - 4	02/05/03	3974.53	52.91	52.99	0.08	3921.61
MW - 4	02/26/03	3974.53	52.72	53.86	1.14	3921.64
MW - 4	03/04/03	3974.53	52.70	53.86	1.16	3921.66
MW - 4	03/12/03	3974.53	52.78	53.69	0.91	3921.61
MW - 4	03/18/03	3974.53	52.91	53.30	0.39	3921.56
MW - 4	03/25/03	3974.53	52.85	53.32	0.47	3921.61
MW - 4	03/31/03	3974.53	52.82	53.41	0.59	3921.62
MW - 4	04/09/03	3974.53	52.81	53.33	0.52	3921.64
MW - 4	04/14/03	3974.53	52.79	53.48	0.69	3921.64
MW - 4	05/07/03	3974.53	52.50	54.57	2.07	3921.72
MW - 4	05/08/03	3974.53	52.58	54.67	2.09	3921.64
MW - 4	05/13/03	3974.53	52.57	54.66	2.09	3921.65
MW - 4	05/21/03	3974.53	52.58	54.71	2.13	3921.63
MW - 4	05/27/03	3974.53	52.73	53.62	0.89	3921.67
MW - 4	05/28/03	3974.53	52.82	53.65	0.83	3921.59
MW - 4	06/03/03	3974.53	52.68	54.35	1.67	3921.60
MW - 4	06/10/03	3974.53	52.82	53.60	0.78	3921.59
MW - 4	07/01/03	3974.53	52.91	53.66	0.75	3921.51
MW - 4	07/08/03	3974.53	52.77	54.30	1.53	3921.53
MW - 4	07/29/03	3974.53	52.57	54.38	1.81	3921.69
MW - 4	08/04/03	3974.53	52.85	54.17	1.32	3921.48
MW - 4	08/18/03	3974.53	52.84	53.39	0.55	3921.61
MW - 4	08/25/03	3974.53	52.85	54.86	2.01	3921.38
MW - 4	10/06/03	3974.53	52.91	53.17	0.26	3921.58
MW - 4	10/08/03	3974.53	53.12	53.98	0.86	3921.28
MW - 4	10/15/03	3974.53	53.14	53.88	0.74	3921.28
MW - 4	11/12/03	3974.53	53.14	54.94	1.80	3921.12
MW - 4	11/19/03	3974.53	53.10	54.58	1.48	3921.21
MW - 4	12/01/03	3974.53	53.29	53.70	0.41	3921.18
MW - 4	12/10/03	3974.53	52.96	53.50	0.54	3921.49
MW - 4	02/05/04	3974.53	53.32	53.78	0.46	3921.14
MW - 4	02/17/04	3974.53	53.87	54.28	0.41	3920.60
MW - 4	02/25/04	3974.53	53.28	53.80	0.52	3921.17
MW - 4	03/09/04	3974.53	52.84	54.59	1.75	3921.43
MW - 4	03/16/04	3974.53	52.85	54.56	1.71	3921.42
MW - 4	03/22/04	3974.53	52.84	53.14	0.30	3921.65
MW - 4	04/07/04	3974.53	52.90	53.37	0.47	3921.56
MW - 4	04/12/04	3974.53	52.83	54.74	1.91	3921.41
MW - 4	04/19/04	3974.53	52.87	52.99	0.12	3921.64
MW - 4	05/05/04	3974.53	52.82	54.83	2.01	3921.41
MW - 4	05/11/04	3974.53	53.00	54.74	1.74	3921.27
MW - 4	06/07/04	3974.53	52.58	54.57	1.99	3921.65

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	06/15/04	3974.53	52.60	54.49	1.89	3921.65
MW - 4	06/20/04	3974.53	52.60	54.49	1.89	3921.65
MW - 4	06/21/04	3974.53	52.56	54.55	1.99	3921.67
MW - 4	06/28/04	3974.53	52.57	54.51	1.94	3921.67
MW - 4	07/08/04	3974.53	52.55	54.53	1.98	3921.68
MW - 4	07/12/04	3974.53	52.54	54.52	1.98	3921.69
MW - 4	08/06/04	3974.53	52.58	54.51	1.93	3921.66
MW - 4	08/12/04	3974.53	52.60	54.59	1.99	3921.63
MW - 4	08/17/04	3974.53	52.64	54.72	2.08	3921.58
MW - 4	08/26/04	3974.53	52.60	54.79	2.19	3921.60
MW - 4	09/01/04	3974.53	52.67	54.40	1.73	3921.60
MW - 4	09/03/04	3974.53	52.67	54.45	1.78	3921.59
MW - 4	09/08/04	3974.53	52.66	54.63	1.97	3921.57
MW - 4	09/14/04	3974.53	52.69	54.46	1.77	3921.57
MW - 4	09/22/04	3974.53	52.81	54.39	1.58	3921.48
MW - 4	10/01/04	3974.53	52.67	54.62	1.95	3921.57
MW - 4	10/08/04	3974.53	52.69	54.44	1.75	3921.58
MW - 4	10/15/04	3974.53	52.60	54.30	1.70	3921.68
MW - 4	10/22/04	3974.53	52.62	54.56	1.94	3921.62
MW - 4	11/12/04	3974.53	52.68	53.69	1.01	3921.70
MW - 4	11/26/04	3974.53	52.65	54.55	1.90	3921.60
MW - 4	12/02/04	3974.53	52.70	54.50	1.80	3921.56
MW - 4	12/06/04	3974.53	52.77	54.21	1.44	3921.54
MW - 4	12/13/04	3974.53	52.72	54.40	1.68	3921.56
MW - 4	12/15/04	3974.53	52.72	54.40	1.68	3921.56
MW - 4	12/27/04	3974.53	52.65	54.47	1.82	3921.61
MW - 4	01/10/05	3974.53	52.14	54.40	2.26	3922.05
MW - 4	01/18/05	3974.53	52.59	54.15	1.56	3921.71
MW - 4	01/18/05	3974.53	52.68	53.51	0.83	3921.73
MW - 4	01/25/05	3974.53	52.54	54.10	1.56	3921.76
MW - 4	01/27/05	3974.53	52.55	53.90	1.35	3921.78
MW - 4	02/01/05	3974.53	52.56	53.93	1.37	3921.76
MW - 4	02/07/05	3974.53	52.50	54.01	1.51	3921.80
MW - 4	02/11/05	3974.53	52.50	53.98	1.48	3921.81
MW - 4	02/15/05	3974.53	52.53	53.96	1.43	3921.79
MW - 4	02/22/05	3974.53	52.47	54.10	1.63	3921.82
MW - 4	02/24/05	3974.53	52.50	54.15	1.65	3921.78
MW - 4	03/03/05	3974.53	52.46	54.13	1.67	3921.82
MW - 4	03/09/05	3974.53	52.46	54.92	2.46	3921.70
MW - 4	03/22/05	3974.53	52.45	54.05	1.60	3921.84
MW - 4	03/24/05	3974.53	52.45	54.05	1.60	3921.84
MW - 4	03/31/05	3974.53	52.47	54.03	1.56	3921.83
MW - 4	06/22/05	3974.53	52.36	54.10	1.74	3921.91

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	07/21/05	3974.53	52.89	53.64	0.75	3921.53
MW - 4	08/03/05	3974.53	52.33	52.80	0.47	3922.13
MW - 4	08/12/05	3974.53	52.32	53.40	1.08	3922.05
MW - 4	08/15/05	3974.53	52.35	53.60	1.25	3921.99
MW - 4	08/22/05	3974.53	52.34	53.66	1.32	3921.99
MW - 4	08/30/05	3974.53	52.32	53.70	1.38	3922.00
MW - 4	09/07/05	3974.53	52.32	53.92	1.60	3921.97
MW - 4	09/14/05	3974.53	52.30	53.68	1.38	3922.02
MW - 4	09/20/05	3974.53	52.33	53.59	1.26	3922.01
MW - 4	09/21/05	3974.53	52.33	53.69	1.36	3922.00
MW - 4	09/28/05	3974.53	52.30	53.70	1.40	3922.02
MW - 4	10/06/05	3974.53	52.27	53.85	1.58	3922.02
MW - 4	10/13/05	3974.53	52.28	53.81	1.53	3922.02
MW - 4	10/20/05	3974.53	52.30	53.75	1.45	3922.01
MW - 4	10/26/05	3974.53	52.28	53.75	1.47	3922.03
MW - 4	11/03/05	3974.53	52.25	53.75	1.50	3922.06
MW - 4	11/10/05	3974.53	52.24	53.75	1.51	3922.06
MW - 4	11/16/05	3974.53	52.27	53.72	1.45	3922.04
MW - 4	11/23/05	3974.53	52.30	53.68	1.38	3922.02
MW - 4	11/28/05	3974.53	52.23	53.75	1.52	3922.07
MW - 4	12/05/05	3974.53	52.28	53.65	1.37	3922.04
MW - 4	12/12/05	3974.53	52.27	53.68	1.41	3922.05
MW - 4	12/16/05	3974.53	52.40	53.04	0.64	3922.03
MW - 4	12/19/05	3974.53	52.30	53.60	1.30	3922.04
MW - 4	12/29/05	3974.53	52.25	53.71	1.46	3922.06
MW - 4	01/04/06	3974.53	52.38	53.70	1.32	3921.95
MW - 4	01/10/06	3974.53	52.25	53.70	1.45	3922.06
MW - 4	01/17/06	3974.53	52.26	53.65	1.39	3922.06
MW - 4	01/26/06	3974.53	52.23	53.63	1.40	3922.09
MW - 4	01/31/06	3974.53	52.25	53.60	1.35	3922.08
MW - 4	02/07/06	3974.53	52.25	53.56	1.31	3922.08
MW - 4	02/09/06	3974.53	52.27	53.65	1.38	3922.05
MW - 4	02/13/06	3974.53	52.29	53.55	1.26	3922.05
MW - 4	02/22/06	3974.53	52.25	53.71	1.46	3922.06
MW - 4	02/28/06	3974.53	52.29	53.68	1.39	3922.03
MW - 4	03/07/06	3974.53	52.30	53.63	1.33	3922.03
MW - 4	03/15/06	3974.53	52.23	53.55	1.32	3922.10
MW - 4	03/20/06	3974.53	52.22	53.46	1.24	3922.12
MW - 4	03/22/06	3974.53	52.52	52.54	0.02	3922.01
MW - 4	03/29/06	3974.53	52.25	53.32	1.07	3922.12
MW - 4	04/11/06	3974.53	52.22	53.39	1.17	3922.13
MW - 4	04/18/06	3974.53	52.22	53.40	1.18	3922.13
MW - 4	04/25/06	3974.53	52.29	53.14	0.85	3922.11

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	05/02/06	3974.53	52.22	53.34	1.12	3922.14
MW - 4	05/09/06	3974.53	52.21	53.30	1.09	3922.16
MW - 4	05/16/06	3974.53	52.23	52.31	0.08	3922.29
MW - 4	05/23/06	3974.53	52.23	53.29	1.06	3922.14
MW - 4	05/31/06	3974.53	52.20	53.36	1.16	3922.16
MW - 4	06/06/06	3974.53	52.22	53.26	1.04	3922.15
MW - 4	06/13/06	3974.53	52.23	53.29	1.06	3922.14
MW - 4	06/20/06	3974.53	52.20	53.28	1.08	3922.17
MW - 4	06/21/06	3974.53	52.30	52.90	0.60	3922.14
MW - 4	07/06/06	3974.53	52.21	53.30	1.09	3922.16
MW - 4	07/12/06	3974.53	52.23	53.17	0.94	3922.16
MW - 4	07/20/06	3974.53	52.23	53.12	0.89	3922.17
MW - 4	07/25/06	3974.53	52.25	53.11	0.86	3922.15
MW - 4	08/01/06	3974.53	52.24	53.15	0.91	3922.15
MW - 4	08/16/06	3974.53	52.33	52.81	0.48	3922.13
MW - 4	08/23/06	3974.53	52.27	53.00	0.73	3922.15
MW - 4	08/28/06	3974.53	52.27	53.00	0.73	3922.15
MW - 4	09/12/06	3974.53	52.25	53.06	0.81	3922.16
MW - 4	09/22/06	3974.53	52.25	53.15	0.90	3922.15
MW - 4	09/27/06	3974.53	52.27	53.04	0.77	3922.14
MW - 4	10/06/06	3974.53	52.21	53.24	1.03	3922.17
MW - 4	10/10/06	3974.53	52.24	53.16	0.92	3922.15
MW - 4	10/16/06	3974.53	52.23	53.30	1.07	3922.14
MW - 4	10/26/06	3974.53	52.21	53.20	0.99	3922.17
MW - 4	11/03/06	3974.53	52.22	53.18	0.96	3922.17
MW - 4	11/09/06	3974.53	52.20	53.15	0.95	3922.19
MW - 4	11/16/06	3974.53	52.22	53.18	0.96	3922.17
MW - 4	11/22/06	3974.53	52.22	53.11	0.89	3922.18
MW - 4	12/04/06	3974.53	52.21	53.12	0.91	3922.18
MW - 4	12/08/06	3974.53	52.21	53.17	0.96	3922.18
MW - 4	12/15/06	3974.53	52.19	53.12	0.93	3922.20
MW - 4	01/05/07	3974.53	52.18	53.18	1.00	3922.20
MW - 4	01/12/07	3974.53	52.20	53.13	0.93	3922.19
MW - 4	01/18/07	3974.53	52.20	53.14	0.94	3922.19
MW - 4	01/24/07	3974.53	52.20	53.10	0.90	3922.20
MW - 4	01/29/07	3974.53	52.18	53.06	0.88	3922.22
MW - 4	02/09/07	3974.53	52.16	53.04	0.88	3922.24
MW - 4	02/16/07	3974.53	52.20	53.07	0.87	3922.20
MW - 4	02/23/07	3974.53	52.15	53.03	0.88	3922.25
MW - 4	03/02/07	3974.53	52.20	53.10	0.90	3922.20
MW - 4	03/14/07	3974.53	52.19	52.80	0.61	3922.25
MW - 4	03/26/07	3974.53	52.17	52.94	0.77	3922.24
MW - 4	04/03/07	3974.53	52.14	52.98	0.84	3922.26

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	04/09/07	3974.53	52.16	52.95	0.79	3922.25
MW - 4	04/26/07	3974.53	52.16	52.96	0.80	3922.25
MW - 4	04/30/07	3974.53	52.12	52.94	0.82	3922.29
MW - 4	05/11/07	3974.53	52.15	52.94	0.79	3922.26
MW - 4	05/16/07	3974.53	52.17	52.88	0.71	3922.25
MW - 4	05/22/07	3974.53	52.15	52.87	0.72	3922.27
MW - 4	05/29/07	3974.53	52.14	52.90	0.76	3922.28
MW - 4	06/01/07	3974.53	52.15	52.90	0.75	3922.27
MW - 4	06/08/07	3974.53	52.15	52.90	0.75	3922.27
MW - 4	06/11/07	3974.53	52.18	52.81	0.63	3922.26
MW - 4	06/20/07	3974.53	52.15	52.90	0.75	3922.27
MW - 4	07/10/07	3974.53	52.13	52.85	0.72	3922.29
MW - 4	07/20/07	3974.53	52.14	52.83	0.69	3922.29
MW - 4	07/25/07	3974.53	52.14	52.78	0.64	3922.29
MW - 4	08/01/07	3974.53	52.12	52.81	0.69	3922.31
MW - 4	08/10/07	3974.53	52.14	52.81	0.67	3922.29
MW - 4	08/15/07	3974.53	52.13	52.76	0.63	3922.31
MW - 4	08/30/07	3974.53	52.13	52.80	0.67	3922.30
MW - 4	08/31/07	3974.53	52.13	52.80	0.67	3922.30
MW - 4	09/10/07	3974.53	52.13	52.77	0.64	3922.30
MW - 4	09/19/07	3974.53	52.12	52.76	0.64	3922.31
MW - 4	09/27/07	3974.53	52.12	52.72	0.60	3922.32
MW - 4	10/01/07	3974.53	52.12	52.67	0.55	3922.33
MW - 4	10/19/07	3974.53	52.10	52.75	0.65	3922.33
MW - 4	10/26/07	3974.53	52.12	52.68	0.56	3922.33
MW - 4	11/12/07	3974.53	52.14	52.46	0.32	3922.34
MW - 4	11/16/07	3974.53	52.16	52.47	0.31	3922.32
MW - 4	11/29/07	3974.53	59.18	59.88	0.70	3915.25
MW - 4	12/13/07	3974.53	52.10	52.63	0.53	3922.35
MW - 4	01/10/08	3974.53	52.05	52.60	0.55	3922.40
MW - 4	01/17/08	3974.53	52.09	52.60	0.51	3922.36
MW - 4	01/22/08	3974.53	52.08	52.58	0.50	3922.38
MW - 4	2/6/08 #1	3974.53	52.09	52.55	0.46	3922.37
MW - 4	02/06/08 #2	3974.53	52.15	52.25	0.10	3922.37
MW - 4	2/12/08 #1	3974.53	52.09	52.56	0.47	3922.37
MW - 4	2/12/08 #2	3974.53	52.16	52.24	0.08	3922.36
MW - 4	2/20/08 #1	3974.53	52.07	52.25	0.18	3922.43
MW - 4	2/20/08 #2	3974.53	52.14	52.25	0.11	3922.37
MW - 4	2/27/08 #1	3974.53	52.08	52.51	0.43	3922.39
MW - 4	2/27/08 #2	3974.53	52.12	52.25	0.13	3922.39
MW - 4	03/07/08	3974.53	52.05	52.48	0.43	3922.42
MW - 4	3/12/2008 #1	3974.53	52.05	52.48	0.43	3922.42
MW - 4	3/12/08 #2	3974.53	52.11	52.21	0.10	3922.41

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	3/20/2008 #1	3974.53	52.06	52.47	0.41	3922.41
MW - 4	3/20/08 #2	3974.53	52.11	52.13	0.02	3922.42
MW - 4	3/23/08 #1	3974.53	52.06	52.47	0.41	3922.41
MW - 4	3/23/08 #2	3974.53	52.11	52.22	0.11	3922.40
MW - 4	4/2/08 #1	3974.53	52.07	52.45	0.38	3922.40
MW - 4	4/2/08 #2	3974.53	52.09	52.26	0.17	3922.41
MW - 4	4/9/08 #1	3974.53	52.05	52.45	0.40	3922.42
MW - 4	4/9/08 #2	3974.53	52.09	52.26	0.17	3922.41
MW - 4	04/16/08	3974.53	52.06	52.42	0.36	3922.42
MW - 4	04/23/08	3974.53	52.05	52.45	0.40	3922.42
MW - 4	04/30/08	3974.53	52.05	52.41	0.36	3922.43
MW - 4	05/29/08	3974.53	52.05	52.38	0.33	3922.43
MW - 4	06/02/08	3974.53	52.03	52.35	0.32	3922.45
MW - 4	06/03/08	3974.53	52.03	52.35	0.32	3922.45
MW - 4	06/11/08	3974.53	52.03	52.38	0.35	3922.45
MW - 4	06/18/08	3974.53	52.04	52.38	0.34	3922.44
MW - 4	06/23/08	3974.53	52.03	52.36	0.33	3922.45
MW - 4	07/01/08	3974.53	52.05	52.38	0.33	3922.43
MW - 4	07/09/08	3974.53	52.05	52.39	0.34	3922.43
MW - 4	07/15/08	3974.53	52.03	52.37	0.34	3922.45
MW - 4	07/22/08	3974.53	52.03	52.35	0.32	3922.45
MW - 4	08/02/08	3974.53	52.02	52.38	0.36	3922.46
MW - 4	08/13/08	3974.53	52.02	52.55	0.53	3922.43
MW - 4	09/03/08	3974.53	52.02	52.38	0.36	3922.46
MW - 4	09/11/08	3974.53	52.03	52.38	0.35	3922.45
MW - 4	09/19/08	3974.53	52.01	52.33	0.32	3922.47
MW - 4	09/26/08	3974.53	52.02	52.33	0.31	3922.46
MW - 4	10/10/08	3974.53	52.02	52.33	0.31	3922.46
MW - 4	10/17/08	3974.53	52.02	52.29	0.27	3922.47
MW - 4	10/21/08	3974.53	52.04	52.30	0.26	3922.45
MW - 4	10/30/08	3974.53	52.02	52.30	0.28	3922.47
MW - 4	11/04/08	3974.53	52.02	52.32	0.30	3922.47
MW - 4	11/18/08	3974.53	52.04	52.30	0.26	3922.45
MW - 4	11/25/08	3974.53	52.05	52.29	0.24	3922.44
MW - 4	12/10/08	3974.53	52.03	52.32	0.29	3922.46
MW - 4	12/18/08	3974.53	52.03	52.30	0.27	3922.46
MW - 4	01/06/09	3974.53	52.03	52.35	0.32	3922.45
MW - 4	01/14/09	3974.53	52.09	52.29	0.20	3922.41
MW - 4	01/21/09	3974.53	52.08	52.25	0.17	3922.42
MW - 4	01/22/09	3974.53	52.03	53.33	1.30	3922.31
MW - 4	01/30/09	3974.53	52.01	52.25	0.24	3922.48
MW - 4	02/03/09	3974.53	52.00	52.25	0.25	3922.49
MW - 4	02/12/09	3974.53	51.99	52.30	0.31	3922.49

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	02/19/09	3974.53	52.00	52.29	0.29	3922.49
MW - 4	03/04/09	3974.53	52.07	52.33	0.26	3922.42
MW - 4	03/06/09	3974.53	52.01	52.28	0.27	3922.48
MW - 4	03/11/09	3974.53	52.02	52.28	0.26	3922.47
MW - 4	03/16/09	3974.53	52.11	52.35	0.24	3922.38
MW - 4	03/19/09	3974.53	52.01	52.26	0.25	3922.48
MW - 4	03/24/09	3974.53	51.98	52.05	0.07	3922.54
MW - 4	04/03/09	3974.53	51.99	52.20	0.21	3922.51
MW - 4	04/15/09	3974.53	52.02	52.12	0.10	3922.50
MW - 4	04/17/09	3974.53	52.03	52.11	0.08	3922.49
MW - 4	04/21/09	3974.53	51.96	52.19	0.23	3922.54
MW - 4	04/29/09	3974.53	52.01	52.12	0.11	3922.50
MW - 4	05/20/09	3974.53	51.99	52.11	0.12	3922.52
MW - 4	05/20/09	3974.53	51.99	52.11	0.12	3922.52
MW - 4	06/09/09	3974.53	51.98	52.11	0.13	3922.53
MW - 4	06/17/09	3974.53	51.98	52.12	0.14	3922.53
MW - 4	06/23/09	3974.53	51.95	52.17	0.22	3922.55
MW - 4	07/01/09	3974.53	51.98	52.11	0.13	3922.53
MW - 4	07/08/09	3974.53	sheen	52.12	0.00	3922.41
MW - 4	07/15/09	3974.53	sheen	52.02	0.00	3922.51
MW - 4	07/17/09	3974.53	sheen	52.05	0.00	3922.48
MW - 4	07/23/09	3974.53	52.00	52.11	0.11	3922.51
MW - 4	07/24/09	3974.53	52.00	52.10	0.10	3922.52
MW - 4	07/30/09	3974.53	52.00	52.14	0.14	3922.51
MW - 4	08/04/09	3974.53	51.98	52.10	0.12	3922.53
MW - 4	08/12/09	3974.53	51.98	52.12	0.14	3922.53
MW - 4	08/20/09	3974.53	51.99	52.10	0.11	3922.52
MW - 4	08/26/09	3974.53	sheen	52.13	0.00	3922.40
MW - 4	09/02/09	3974.53	sheen	52.01	0.00	3922.52
MW - 4	09/09/09	3974.53	sheen	52.02	0.00	3922.51
MW - 4	09/14/09	3974.53	sheen	52.02	0.00	3922.51
MW - 4	09/21/09	3974.53	sheen	52.03	0.00	3922.50
MW - 4	10/01/09	3974.53	sheen	52.04	0.00	3922.49
MW - 4	10/08/09	3974.53	sheen	52.04	0.00	3922.49
MW - 4	10/14/09	3974.53	sheen	52.03	0.00	3922.50
MW - 4	10/21/09	3974.53	sheen	52.05	0.00	3922.48
MW - 4	10/28/09	3974.53	sheen	52.02	0.00	3922.51
MW - 4	11/04/09	3974.53	sheen	52.01	0.00	3922.52
MW - 4	11/11/09	3974.53	sheen	52.00	0.00	3922.53
MW - 4	11/18/09	3974.53	sheen	52.00	0.00	3922.53
MW - 4	11/25/09	3974.53	sheen	52.01	0.00	3922.52
MW - 4	12/02/09	3974.53	sheen	52.02	0.00	3922.51
MW - 4	12/10/09	3974.53	sheen	52.02	0.00	3922.51

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	12/17/09	3974.53	sheen	52.06	0.00	3922.47
MW - 4	12/21/09	3974.53	sheen	51.99	0.00	3922.54
MW - 4	12/30/09	3974.53	sheen	52.09	0.00	3922.44
MW - 4	01/07/10	3974.53	sheen	52.00	0.00	3922.53
MW - 4	01/18/10	3974.53	sheen	52.02	0.00	3922.51
MW - 4	02/02/10	3974.53	sheen	52.02	0.00	3922.51
MW - 4	02/11/10	3974.53	sheen	52.01	0.00	3922.52
MW - 4	02/18/10	3974.53	sheen	51.99	0.00	3922.54
MW - 4	02/25/10	3974.53	sheen	52.02	0.00	3922.51
MW - 4	03/02/10	3974.53	sheen	52.09	0.00	3922.44
MW - 4	03/04/10	3974.53	sheen	51.92	0.00	3922.61
MW - 4	03/10/10	3974.53	sheen	51.99	0.00	3922.54
MW - 4	03/12/10	3974.53	sheen	52.05	0.00	3922.48
MW - 4	03/15/10	3974.53	sheen	51.99	0.00	3922.54
MW - 4	03/18/10	3974.53	sheen	52.00	0.00	3922.53
MW - 4	03/22/10	3974.53	-	52.05	0.00	3922.48
MW - 4	03/24/10	3974.53	-	52.08	0.00	3922.45
MW - 4	03/30/10	3974.53	sheen	52.04	0.00	3922.49
MW - 4	04/07/10	3974.53	sheen	52.07	0.00	3922.46
MW - 4	04/12/10	3974.53	sheen	51.98	0.00	3922.55
MW - 4	04/16/10	3974.53	sheen	52.29	0.00	3922.24
MW - 4	04/20/10	3974.53	-	52.18	0.00	3922.35
MW - 4	04/27/10	3974.53	sheen	52.24	0.00	3922.29
MW - 4	04/30/10	3974.53	-	52.17	0.00	3922.36
MW - 4	05/12/10	3974.53	sheen	52.23	0.00	3922.30
MW - 4	05/14/10	3974.53	-	52.18	0.00	3922.35
MW - 4	05/17/10	3974.53	-	52.37	0.00	3922.16
MW - 4	05/20/10	3974.53	sheen	52.25	0.00	3922.28
MW - 4	05/25/10	3974.53	sheen	52.10	0.00	3922.43
MW - 4	06/01/10	3974.53	sheen	52.09	0.00	3922.44
MW - 4	06/09/10	3974.53	sheen	52.07	0.00	3922.46
MW - 4	06/16/10	3974.53	sheen	52.05	0.00	3922.48
MW - 4	06/28/10	3974.53	52.15	52.16	0.01	3922.38
MW - 4	07/09/10	3974.53	sheen	52.07	0.00	3922.46
MW - 4	07/14/10	3974.53	sheen	51.96	0.00	3922.57
MW - 4	07/23/10	3974.53	sheen	51.95	0.00	3922.58
MW - 4	07/29/10	3974.53	sheen	51.94	0.00	3922.59
MW - 4	08/05/10	3974.53	sheen	51.95	0.00	3922.58
MW - 4	08/12/10	3974.53	sheen	51.97	0.00	3922.56
MW - 4	08/16/10	3974.53	sheen	51.97	0.00	3922.56
MW - 4	08/18/10	3974.53	sheen	51.95	0.00	3922.58
MW - 4	08/25/10	3974.53	sheen	52.03	0.00	3922.50
MW - 4	09/09/10	3974.53	sheen	51.95	0.00	3922.58

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	09/30/10	3974.53	sheen	51.95	0.00	3922.58
MW - 4	10/07/10	3974.53	sheen	52.00	0.00	3922.53
MW - 4	10/14/10	3974.53	sheen	52.19	0.00	3922.34
MW - 4	10/21/10	3974.53	sheen	52.21	0.00	3922.32
MW - 4	11/04/10	3974.53	sheen	52.02	0.00	3922.51
MW - 4	11/10/10	3974.53	sheen	52.27	0.00	3922.26
MW - 4	12/01/10	3974.53	sheen	51.99	0.00	3922.54
MW - 4	12/08/10	3974.53	sheen	52.13	0.00	3922.40
MW - 4	01/26/11	3974.53	-	51.99	0.00	3922.54
MW - 4	02/28/11	3974.53	-	52.24	0.00	3922.29
MW - 4	03/04/11	3974.53	-	52.00	0.00	3922.53
MW - 4	03/09/11	3974.53	52.09	52.11	0.02	3922.44
MW - 4	04/28/11	3974.53	-	52.03	0.00	3922.50
MW - 4	05/04/11	3974.53	-	52.02	0.00	3922.51
MW - 4	05/11/11	3974.53	-	52.10	0.00	3922.43
MW - 4	05/12/11	3974.53	-	51.97	0.00	3922.56
MW - 4	05/18/11	3974.53	-	52.02	0.00	3922.51
MW - 4	05/23/11	3974.53	-	52.07	0.00	3922.46
MW - 4	06/08/11	3974.53	-	52.07	0.00	3922.46
MW - 4	06/16/11	3974.53	-	52.05	0.00	3922.48
MW - 4	06/22/11	3974.53	-	52.03	0.00	3922.50
MW - 4	06/30/11	3974.53	-	52.02	0.00	3922.51
MW - 4	07/06/11	3974.53	-	51.97	0.00	3922.56
MW - 4	07/13/11	3974.53	-	52.14	0.00	3922.39
MW - 4	07/15/11	3974.53	-	52.02	0.00	3922.51
MW - 4	07/19/11	3974.53	-	52.01	0.00	3922.52
MW - 4	07/21/11	3974.53	-	51.96	0.00	3922.57
MW - 4	07/26/11	3974.53	-	51.98	0.00	3922.55
MW - 4	07/28/11	3974.53	-	51.95	0.00	3922.58
MW - 4	08/02/11	3974.53	-	52.12	0.00	3922.41
MW - 4	08/09/11	3974.53	-	51.93	0.00	3922.60
MW - 4	08/12/11	3974.53	-	51.99	0.00	3922.54
MW - 4	08/15/11	3974.53	-	51.99	0.00	3922.54
MW - 4	08/16/11	3974.53	-	52.10	0.00	3922.43
MW - 4	08/19/11	3974.53	-	52.12	0.00	3922.41
MW - 4	08/23/11	3974.53	-	52.09	0.00	3922.44
MW - 4	08/26/11	3974.53	-	52.12	0.00	3922.41
MW - 4	08/30/11	3974.53	-	52.06	0.00	3922.47
MW - 4	09/01/11	3974.53	-	52.09	0.00	3922.44
MW - 4	09/08/11	3974.53	-	52.14	0.00	3922.39
MW - 4	09/13/11	3974.53	-	52.09	0.00	3922.44
MW - 4	09/15/11	3974.53	-	52.14	0.00	3922.39
MW - 4	09/22/11	3974.53	-	51.98	0.00	3922.55

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	10/06/11	3974.53	-	51.98	0.00	3922.55
MW - 4	10/11/11	3974.53	-	52.06	0.00	3922.47
MW - 4	10/13/11	3974.53	-	52.16	0.00	3922.37
MW - 4	10/26/11	3974.53	-	52.09	0.00	3922.44
MW - 4	11/22/11	3974.53	-	52.12	0.00	3922.41
MW - 4	12/02/11	3974.53	-	52.03	0.00	3922.50
MW - 4	12/29/11	3974.53	-	51.98	0.00	3922.55
MW - 4	01/26/12	3974.53	-	52.06	0.00	3922.47
MW - 4	01/31/12	3974.53	-	52.72	0.00	3921.81
MW - 4	02/15/12	3974.53	-	51.97	0.00	3922.56
MW - 4	02/28/12	3974.53	-	52.02	0.00	3922.51
MW - 4	03/20/12	3974.53	52.03	52.11	0.08	3922.49
MW - 4	03/27/12	3974.53	52.03	52.05	0.02	3922.50
MW - 4	04/10/12	3974.53	52.04	52.13	0.09	3922.48
MW - 4	04/19/12	3974.53	-	52.06	0.00	3922.47
MW - 4	04/26/12	3974.53	-	51.98	0.00	3922.55
MW - 4	05/08/12	3974.53	-	51.99	0.00	3922.54
MW - 4	05/15/12	3974.53	-	51.99	0.00	3922.54
MW - 4	05/17/12	3974.53	-	51.97	0.00	3922.56
MW - 4	06/05/12	3974.53	-	52.07	0.00	3922.46
MW - 4	06/21/12	3974.53	-	52.18	0.00	3922.35
MW - 4	06/28/12	3974.53	-	52.24	0.00	3922.29
MW - 4	07/17/12	3974.53	-	53.08	0.00	3921.45
MW - 4	08/01/12	3974.53	-	52.08	0.00	3922.45
MW - 4	10/02/12	3974.53	52.14	52.19	0.05	3922.38
MW - 4	10/09/12	3974.53	-	52.16	0.00	3922.37
MW - 4	10/16/12	3974.53	52.12	52.13	0.01	3922.41
MW - 4	10/25/12	3974.53	-	52.16	0.00	3922.37
MW - 4	10/30/12	3974.53	-	52.14	0.00	3922.39
MW - 4	11/29/12	3974.53	-	52.22	0.00	3922.31
MW - 4	12/14/12	3974.53	52.18	52.19	0.01	3922.35
MW - 4	02/11/13	3974.53	-	52.15	0.00	3922.38
MW - 4	04/11/13	3974.53	-	52.35	0.00	3922.18
MW - 4	04/15/13	3974.53	-	52.32	0.00	3922.21
MW - 4	04/22/13	3974.53	52.13	52.15	0.02	3922.40
MW - 4	05/06/13	3974.53	52.15	52.18	0.03	3922.38
MW - 4	05/09/13	3974.53	-	52.15	0.00	3922.38
MW - 4	05/20/13	3974.53	-	52.17	0.00	3922.36
MW - 4	05/24/13	3974.53	-	52.31	0.00	3922.22
MW - 4	05/29/13	3974.53	-	52.35	0.00	3922.18
MW - 4	05/31/13	3974.53	-	52.24	0.00	3922.29
MW - 4	06/07/13	3974.53	52.39	52.40	0.01	3922.14
MW - 4	06/12/13	3974.53	-	52.36	0.00	3922.17

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	06/14/13	3974.53	-	52.33	0.00	3922.20
MW - 4	06/19/13	3974.53	-	52.45	0.00	3922.08
MW - 4	06/21/13	3974.53	-	52.39	0.00	3922.14
MW - 4	06/25/13	3974.53	-	52.16	0.00	3922.37
MW - 4	06/26/13	3974.53	-	52.34	0.00	3922.19
MW - 4	07/03/13	3974.53	52.38	52.39	0.01	3922.15
MW - 4	07/09/13	3974.53	52.39	52.43	0.04	3922.13
MW - 4	07/11/13	3974.53	-	52.38	0.00	3922.15
MW - 4	07/24/13	3974.53	-	52.35	0.00	3922.18
MW - 4	07/26/13	3974.53	-	52.34	0.00	3922.19
MW - 4	07/31/13	3974.53	-	52.25	0.00	3922.28
MW - 4	08/02/13	3974.53	-	52.33	0.00	3922.20
MW - 4	08/06/13	3974.53	-	52.26	0.00	3922.27
MW - 4	08/14/13	3974.53	-	52.28	0.00	3922.25
MW - 4	08/21/13	3974.53	-	52.37	0.00	3922.16
MW - 4	08/26/13	3974.53	-	52.36	0.00	3922.17
MW - 4	09/06/13	3974.53	-	52.35	0.00	3922.18
MW - 4	08/30/13	3974.53	-	52.30	0.00	3922.23
MW - 4	09/13/13	3974.53	-	52.30	0.00	3922.23
MW - 4	09/27/13	3974.53	-	52.36	0.00	3922.17
MW - 4	09/30/13	3974.53	-	52.35	0.00	3922.18
MW - 4	10/02/13	3974.53	-	52.44	0.00	3922.09
MW - 4	10/03/13	3974.53	-	52.33	0.00	3922.20
MW - 4	10/11/13	3974.53	-	52.26	0.00	3922.27
MW - 4	10/17/13	3974.53	-	52.28	0.00	3922.25
MW - 4	10/22/13	3974.53	-	52.28	0.00	3922.25
MW - 4	10/24/13	3974.53	-	52.41	0.00	3922.12
MW - 4	10/30/13	3974.53	-	52.36	0.00	3922.17
MW - 4	11/01/13	3974.53	-	52.27	0.00	3922.26
MW - 4	11/04/13	3974.53	-	52.30	0.00	3922.23
MW - 4	11/08/13	3974.53	-	52.40	0.00	3922.13
MW - 4	11/13/13	3974.53	-	52.28	0.00	3922.25
MW - 4	11/15/13	3974.53	-	52.28	0.00	3922.25
MW - 4	11/19/13	3974.53	-	52.33	0.00	3922.20
MW - 4	12/08/13	3974.53	52.28	52.31	0.03	3922.25
MW - 4	12/12/13	3974.53	-	52.30	0.00	3922.23
MW - 4	12/16/13	3974.53	52.31	52.32	0.01	3922.22
MW - 4	12/18/13	3974.53	-	52.35	0.00	3922.18
MW - 4	12/23/13	3974.53	-	52.35	0.00	3922.18
MW - 4	12/30/13	3974.53	-	52.33	0.00	3922.20
MW - 4	01/01/14	3974.53	-	52.31	0.00	3922.22
MW - 4	01/06/14	3974.53	-	52.30	0.00	3922.23
MW - 4	01/15/14	3974.53	-	52.42	0.00	3922.11

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	01/17/14	3974.53	-	52.31	0.00	3922.22
MW - 4	01/20/14	3974.53	-	52.45	0.00	3922.08
MW - 4	01/22/14	3974.53	-	52.47	0.00	3922.06
MW - 4	01/29/14	3974.53	-	52.34	0.00	3922.19
MW - 4	02/04/14	3974.53	-	52.32	0.00	3922.21
MW - 4	02/13/14	3974.53	-	52.36	0.00	3922.17
MW - 4	02/21/14	3974.53	-	52.47	0.00	3922.06
MW - 4	02/26/14	3974.53	52.59	53.03	0.44	3921.87
MW - 4	03/12/14	3974.53	-	52.42	0.00	3922.11
MW - 4	03/14/14	3974.53	-	52.43	0.00	3922.10
MW - 4	03/17/14	3974.53	-	52.41	0.00	3922.12
MW - 4	03/24/14	3974.53	-	52.35	0.00	3922.18
MW - 4	03/26/14	3974.53	-	52.39	0.00	3922.14
MW - 4	04/09/14	3974.53	-	51.28	0.00	3923.25
MW - 4	04/18/14	3974.53	52.28	52.30	0.02	3922.25
MW - 4	04/21/14	3974.53	-	52.28	0.00	3922.25
MW - 4	04/28/14	3974.53	52.29	52.30	0.01	3922.24
MW - 4	05/09/14	3974.53	52.32	52.47	0.15	3922.19
MW - 4	05/12/14	3974.53	52.36	52.42	0.06	3922.16
MW - 4	05/19/14	3974.53	52.31	52.35	0.04	3922.21
MW - 4	05/28/14	3974.53	52.37	52.40	0.03	3922.16
MW - 4	06/04/14	3974.53	52.33	52.40	0.07	3922.19
MW - 4	06/13/14	3974.53	52.42	52.49	0.07	3922.10
MW - 4	06/16/14	3974.53	52.31	52.34	0.03	3922.22
MW - 4	07/02/14	3974.53	52.33	52.41	0.08	3922.19
MW - 4	07/07/14	3974.53	-	52.36	0.00	3922.17
MW - 4	07/18/14	3974.53	-	52.58	0.00	3921.95
MW - 4	07/30/14	3974.53	52.38	52.40	0.02	3922.15
MW - 4	08/11/14	3974.53	52.40	52.43	0.03	3922.13
MW - 4	08/22/14	3974.53	52.40	52.47	0.07	3922.12
MW - 4	08/23/14	3974.53	52.40	52.47	0.07	3922.12
MW - 4	09/10/14	3974.53	52.45	52.56	0.11	3922.06
MW - 4	09/23/14	3974.53	52.46	52.58	0.12	3922.05
MW - 4	09/25/14	3974.53	52.65	52.68	0.03	3921.88
MW - 4	10/03/14	3974.53	52.46	52.51	0.05	3922.06
MW - 4	10/15/14	3974.53	52.49	52.54	0.05	3922.03
MW - 4	10/17/14	3974.53	52.58	52.64	0.06	3921.94
MW - 4	10/24/14	3974.53	52.56	52.59	0.03	3921.97
MW - 4	10/27/14	3974.53	52.54	52.58	0.04	3921.98
MW - 4	10/31/14	3974.53	52.40	52.42	0.02	3922.13
MW - 4	11/03/14	3974.53	52.53	52.59	0.06	3921.99
MW - 4	11/10/14	3974.53	52.40	52.46	0.06	3922.12
MW - 4	11/14/14	3974.53	52.38	52.44	0.06	3922.14

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	11/17/14	3974.53	-	52.40	0.00	3922.13
MW - 4	11/18/14	3974.53	52.40	52.44	0.04	3922.12
MW - 4	11/21/14	3974.53	52.39	52.46	0.07	3922.13
MW - 4	12/03/14	3974.53	52.38	52.49	0.11	3922.13
MW - 4	12/05/14	3974.53	52.40	52.44	0.04	3922.12
MW - 4	12/12/14	3974.53	52.41	52.51	0.10	3922.11
MW - 4	12/15/14	3974.53	52.41	52.51	0.10	3922.11
MW - 4	12/19/14	3974.53	51.97	52.08	0.11	3922.54
MW - 4	12/22/14	3974.53	51.95	52.04	0.09	3922.57
MW - 4	01/05/15	3974.53	51.91	52.06	0.15	3922.60
MW - 4	01/09/15	3974.53	52.35	52.52	0.17	3922.15
MW - 4	01/14/15	3974.53	52.35	52.54	0.19	3922.15
MW - 4	01/21/15	3974.53	51.92	52.08	0.16	3922.59
MW - 4	02/18/15	3974.53	52.40	52.73	0.33	3922.08
MW - 4	02/19/15	3974.53	52.35	52.49	0.14	3922.16
MW - 4	03/09/15	3974.53	51.92	52.09	0.17	3922.58
MW - 4	03/11/15	3974.53	52.33	52.57	0.24	3922.16
MW - 4	03/18/15	3974.53	52.31	52.57	0.26	3922.18
MW - 4	03/31/15	3974.53	51.94	52.06	0.12	3922.57
MW - 4	04/09/15	3974.53	52.28	52.59	0.31	3922.20
MW - 4	04/15/15	3974.53	52.27	52.60	0.33	3922.21
MW - 4	04/22/15	3974.53	52.28	52.65	0.37	3922.19
MW - 4	05/12/15	3974.53	52.31	52.59	0.28	3922.18
MW - 4	05/26/15	3974.53	51.93	52.07	0.14	3922.58
MW - 4	06/01/15	3974.53	52.30	52.58	0.28	3922.19
MW - 4	06/04/15	3974.53	52.32	52.59	0.27	3922.17
MW - 4	06/22/15	3974.53	52.42	52.80	0.38	3922.05
MW - 4	06/26/15	3974.53	52.42	52.77	0.35	3922.06
MW - 4	07/22/15	3974.53	52.27	52.53	0.26	3922.22
MW - 4	07/27/15	3974.53	52.43	52.73	0.30	3922.06
MW - 4	08/18/15	3974.53	52.32	52.56	0.24	3922.17
MW - 4	09/09/15	3974.53	52.49	52.87	0.38	3921.98
MW - 4	09/30/15	3974.53	52.56	53.00	0.44	3921.90
MW - 4	10/08/15	3974.53	52.48	52.64	0.16	3922.03
MW - 4	10/16/15	3974.53	52.54	52.76	0.22	3921.96
MW - 4	10/21/15	3974.53	52.40	52.55	0.15	3922.11
MW - 4	11/18/15	3974.53	52.54	52.65	0.11	3921.97
MW - 4	11/23/15	3974.53	52.40	52.58	0.18	3922.10
MW - 4	12/04/15	3974.60	52.36	52.55	0.19	3922.21
MW - 4	12/09/15	3974.53	52.55	52.85	0.30	3921.94
MW - 4	01/12/16	3974.53	52.41	52.63	0.22	3922.09
MW - 4	01/22/16	3974.53	52.39	52.60	0.21	3922.11
MW - 4	01/25/16	3974.53	52.45	52.50	0.05	3922.07

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	02/12/16	3974.53	52.47	52.75	0.28	3922.02
MW - 4	02/17/16	3974.53	52.43	52.61	0.18	3922.07
MW - 4	02/24/16	3974.53	52.37	52.54	0.17	3922.13
MW - 4	03/09/16	3974.53	52.47	52.74	0.27	3922.02
MW - 4	03/30/16	3974.53	52.46	52.66	0.20	3922.04
MW - 4	04/13/16	3974.53	52.40	52.65	0.25	3922.09
MW - 4	04/27/16	3974.53	52.48	52.50	0.02	3922.05
MW - 4	05/11/16	3974.53	52.47	52.48	0.01	3922.06
MW - 4	06/03/16	3974.53	52.49	52.60	0.11	3922.02
MW - 4	06/13/16	3974.53	52.42	52.45	0.03	3922.11
MW - 4	07/01/16	3974.53	52.50	52.59	0.09	3922.02
MW - 4	07/08/16	3974.53	52.52	52.59	0.07	3922.00
MW - 4	07/12/16	3974.53	52.10	52.50	0.40	3922.37
MW - 4	07/18/16	3974.53	52.49	52.54	0.05	3922.03
MW - 4	08/02/16	3974.53	52.50	52.55	0.05	3922.02
MW - 4	08/12/16	3974.53	-	52.59	0.00	3921.94
MW - 4	08/17/16	3974.53	-	52.53	0.00	3922.00
MW - 4	09/21/16	3974.53	-	52.53	0.00	3922.00
MW - 4	10/21/16	3974.53	-	52.49	0.00	3922.04
MW - 4	10/24/16	3974.53	-	52.67	0.00	3921.86
MW - 4	10/26/16	3974.53	-	52.60	0.00	3921.93
MW - 4	10/31/16	3974.53	-	52.62	0.00	3921.91
MW - 4	11/21/16	3974.53	-	52.49	0.00	3922.04
MW - 4	11/28/16	3974.53	-	52.47	0.00	3922.06
MW - 4	12/07/16	3974.53	-	52.55	0.00	3921.98
MW - 4	12/21/16	3974.53	-	52.46	0.00	3922.07
MW - 4	01/04/17	3974.53	-	52.45	0.00	3922.08
MW - 4	01/12/17	3974.53	-	52.46	0.00	3922.07
MW - 4	01/26/17	3974.53	-	52.57	0.00	3921.96
MW - 4	02/07/17	3974.53	-	52.50	0.00	3922.03
MW - 4	02/21/17	3974.53	-	52.45	0.00	3922.08
MW - 4	02/23/17	3974.53	-	52.44	0.00	3922.09
MW - 4	03/08/17	3974.53	-	52.55	0.00	3921.98
MW - 4	04/07/17	3974.53	52.43	52.45	0.02	3922.10
MW - 4	04/18/17	3974.53	52.44	52.46	0.02	3922.09
MW - 4	05/10/17	3974.53	52.48	52.69	0.21	3922.02
MW - 4	05/24/17	3974.53	52.39	52.59	0.20	3922.11
MW - 4	06/02/17	3974.53	52.39	52.63	0.24	3922.10
MW - 4	07/12/17	3974.53	52.45	52.88	0.43	3922.02
MW - 4	07/19/17	3974.53	52.44	52.83	0.39	3922.03
MW - 4	07/27/17	3974.53	52.42	52.81	0.39	3922.05
MW - 4	08/11/17	3974.53	52.47	52.83	0.36	3922.01
MW - 4	08/24/17	3974.53	52.44	52.91	0.47	3922.02

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	09/05/17	3974.53	52.45	52.96	0.51	3922.00
MW - 4	10/18/17	3974.53	52.52	53.08	0.56	3921.93
MW - 4	10/25/17	3974.53	52.51	53.98	1.47	3921.80
MW - 4	11/01/17	3974.53	52.51	53.97	1.46	3921.80
MW - 4	11/08/17	3974.53	-	52.48	0.00	3922.05
MW - 4	11/28/17	3974.53	52.49	52.93	0.44	3921.97
MW - 4	12/19/17	3974.53	52.48	52.93	0.45	3921.98
MW - 4	01/16/18	3974.53	52.51	52.89	0.38	3921.96
MW - 4	01/30/18	3974.53	52.49	52.81	0.32	3921.99
MW - 4	02/06/18	3974.53	52.56	52.78	0.22	3921.94
MW - 4	02/13/18	3974.53	52.57	52.81	0.24	3921.92
MW - 4	02/26/18	3974.53	52.50	52.69	0.19	3922.00
MW - 4	04/03/18	3974.53	52.47	52.76	0.29	3922.02
MW - 4	04/17/18	3974.53	52.47	52.86	0.39	3922.00
MW - 4	05/07/18	3974.53	52.51	52.93	0.42	3921.96
MW - 4	06/21/18	3974.53	52.51	53.11	0.60	3921.93
MW - 4	06/26/18	3974.53	52.48	53.07	0.59	3921.96
MW - 4	07/12/18	3974.53	52.52	52.94	0.42	3921.95
MW - 4	07/17/18	3974.53	52.53	52.96	0.43	3921.94
MW - 4	08/01/18	3974.53	52.56	52.88	0.32	3921.92
MW - 4	08/09/18	3974.53	52.57	52.82	0.25	3921.92
MW - 4	08/23/18	3974.53	52.59	52.88	0.29	3921.90
MW - 4	08/30/18	3974.53	52.62	52.78	0.16	3921.89
MW - 4	08/31/18	3974.53	52.61	52.83	0.22	3921.89
MW - 4	09/11/18	3974.53	52.61	52.74	0.13	3921.90
MW - 4	09/19/18	3974.53	52.63	52.76	0.13	3921.88
MW - 4	11/01/18	3974.53	52.66	52.73	0.07	3921.86
MW - 4	11/05/18	3974.53	52.63	52.68	0.05	3921.89
MW - 4	10/16/18	3974.53	52.63	52.80	0.17	-
MW - 4	11/14/18	3974.53	52.64	52.68	0.04	3921.88
MW - 4	12/04/18	3974.53	52.64	52.84	0.20	3921.86
MW - 4	12/06/18	3974.53	52.63	52.80	0.17	3921.87
MW - 4	12/18/18	3974.53	52.66	52.75	0.09	3921.86
MW - 4	12/20/18	3974.53	52.65	52.83	0.18	3921.85
MW - 4	12/26/18	3974.53	-	52.66	0.00	3921.87
MW - 4	01/08/19	3974.53	-	52.67	0.00	3921.86
MW - 4	01/10/19	3974.53	-	52.65	0.00	3921.88
MW - 4	01/15/19	3974.53	-	52.69	0.00	3921.84
MW - 4	01/24/19	3974.53	-	52.93	0.00	3921.60
MW - 4	02/11/19	3974.53	-	52.71	0.00	3921.82
MW - 4	02/18/19	3974.53	-	52.72	0.00	3921.81
MW - 4	04/16/19	3974.53	-	52.98	0.00	3921.55
MW - 4	04/23/19	3974.53	-	52.75	0.00	3921.78

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	04/30/19	3974.53	52.65	52.68	0.03	3921.88
MW - 4	05/07/19	3974.53	-	52.64	0.00	3921.89
MW - 4	05/09/19	3974.53	-	52.70	0.00	3921.83
MW - 4	05/14/19	3974.53	-	52.61	0.00	3921.92
MW - 4	06/04/19	3974.53	-	53.01	0.00	3921.52
MW - 4	06/11/19	3974.53	-	53.05	0.00	3921.48
MW - 4	06/13/19	3974.53	-	53.43	0.00	3921.10
MW - 4	06/17/19	3974.53	-	53.36	0.00	3921.17
MW - 4	07/01/19	3974.53	-	52.74	0.00	3921.79
MW - 4	07/02/19	3974.53	-	52.68	0.00	3921.85
MW - 4	08/19/19	3974.53	-	52.87	0.00	3921.66
MW - 4	08/29/19	3974.53	-	52.80	0.00	3921.73
MW - 4	09/03/19	3974.53	-	52.86	0.00	3921.67
MW - 4	09/10/19	3974.53	-	53.02	0.00	3921.51
MW - 4	10/01/19	3974.53	-	52.86	0.00	3921.67
MW - 4	10/22/19	3974.53	-	53.13	0.00	3921.40
MW - 4	11/11/19	3974.53	-	53.12	0.00	3921.41
MW - 4	11/15/19	3974.53	52.80	52.96	0.16	3921.71
MW - 4	01/08/20	3974.53	52.72	53.18	0.46	3921.74
MW - 4	02/13/20	3974.53	52.75	52.85	0.10	3921.77
MW - 4	02/18/20	3974.53	52.75	52.90	0.15	3921.76
MW - 4	05/05/20	3974.53	52.66	53.50	0.84	3921.74
MW - 4	06/11/20	3974.53	52.69	53.71	1.02	3921.69
MW - 4	09/23/20	3974.53	52.70	54.16	1.46	3921.61
MW - 4	12/04/20	3974.53	52.68	54.36	1.68	3921.60
MW - 4	03/23/21	3974.53	52.65	54.67	2.02	3921.58
MW - 4	06/04/21	3974.53	52.62	54.85	2.23	3921.58
MW - 4	08/12/21	3974.53	52.71	55.00	2.29	3921.48
MW - 4	09/30/21	3974.53	52.90	54.24	1.34	3921.43
MW - 4	12/09/21	3974.53	52.98	53.68	0.70	3921.45
MW - 5	03/02/00	3974.28	52.09	55.50	3.41	3921.68
MW - 5	04/25/00	3974.28	52.04	55.59	3.55	3921.71
MW - 5	09/06/00	3974.28	52.11	55.48	3.37	3921.66
MW - 5	11/28/00	3974.28	52.21	55.46	3.25	3921.58
MW - 5	02/21/01	3974.28	52.07	55.40	3.33	3921.71
MW - 5	05/31/01	3974.28	52.11	55.48	3.37	3921.66
MW - 5	08/23/01	3974.28	52.08	55.45	3.37	3921.69
MW - 5	11/21/01	3974.28	52.20	55.43	3.23	3921.60
MW - 5	02/13/02	3974.28	52.14	55.43	3.29	3921.65
MW - 5	06/12/02	3974.28	52.04	55.65	3.61	3921.70
MW - 5	08/26/02	3974.28	52.04	55.68	3.64	3921.69
MW - 5	11/08/02	3974.28	52.71	52.97	0.26	3921.53

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	11/21/02	3974.28	52.73	53.01	0.28	3921.51
MW - 5	12/27/02	3974.28	52.24	55.09	2.85	3921.61
MW - 5	01/06/03	3974.28	52.30	54.80	2.50	3921.61
MW - 5	01/08/03	3974.28	52.41	54.24	1.83	3921.60
MW - 5	01/10/03	3974.28	52.71	52.96	0.25	3921.53
MW - 5	01/13/03	3974.28	52.69	52.93	0.24	3921.55
MW - 5	02/05/03	3974.28	52.68	52.94	0.26	3921.56
MW - 5	02/26/03	3974.28	52.20	56.05	3.85	3921.50
MW - 5	03/04/03	3974.28	52.19	56.07	3.88	3921.51
MW - 5	03/12/03	3974.28	52.22	55.12	2.90	3921.63
MW - 5	03/18/03	3974.28	52.74	52.96	0.22	3921.51
MW - 5	03/25/03	3974.28	52.68	53.04	0.36	3921.55
MW - 5	03/31/03	3974.28	52.64	53.12	0.48	3921.57
MW - 5	04/09/03	3974.28	52.68	52.91	0.23	3921.57
MW - 5	04/14/03	3974.28	52.71	52.79	0.08	3921.56
MW - 5	05/07/03	3974.28	52.17	54.47	2.30	3921.77
MW - 5	05/08/03	3974.28	52.25	55.04	2.79	3921.61
MW - 5	05/13/03	3974.28	52.32	55.04	2.72	3921.55
MW - 5	05/21/03	3974.27	52.25	55.14	2.89	3921.59
MW - 5	05/27/03	3974.27	52.22	54.96	2.74	3921.64
MW - 5	05/28/03	3974.27	52.27	55.11	2.84	3921.57
MW - 5	06/03/03	3974.27	52.77	52.84	0.07	3921.49
MW - 5	06/10/03	3974.27	52.72	52.90	0.18	3921.52
MW - 5	07/01/03	3974.27	52.79	52.93	0.14	3921.46
MW - 5	07/08/03	3974.27	52.37	54.92	2.55	3921.52
MW - 5	07/29/03	3974.27	52.25	54.83	2.58	3921.63
MW - 5	08/04/03	3974.27	52.61	54.25	1.64	3921.41
MW - 5	08/18/03	3974.27	52.47	53.81	1.34	3921.60
MW - 5	08/25/03	3974.27	52.51	55.32	2.81	3921.34
MW - 5	10/01/03	3974.27	52.72	53.19	0.47	3921.48
MW - 5	10/06/03	3974.27	52.70	52.97	0.27	3921.53
MW - 5	10/08/03	3974.27	52.72	54.74	2.02	3921.25
MW - 5	10/15/03	3974.27	52.73	54.42	1.69	3921.29
MW - 5	11/12/03	3974.27	52.75	55.30	2.55	3921.14
MW - 5	11/19/03	3974.27	52.71	55.27	2.56	3921.18
MW - 5	12/01/03	3974.27	53.19	53.32	0.13	3921.06
MW - 5	12/10/03	3974.27	52.41	54.94	2.53	3921.48
MW - 5	02/05/04	3974.27	53.17	53.26	0.09	3921.09
MW - 5	02/17/04	3974.27	52.44	53.69	1.25	3921.64
MW - 5	02/25/04	3974.27	53.17	53.29	0.12	3921.08
MW - 5	03/09/04	3974.27	52.53	55.09	2.56	3921.36
MW - 5	03/16/04	3974.27	52.41	55.20	2.79	3921.44
MW - 5	03/22/04	3974.27	53.00	53.68	0.68	3921.17

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	04/07/04	3974.27	52.94	53.11	0.17	3921.30
MW - 5	04/12/04	3974.27	52.55	55.00	2.45	3921.35
MW - 5	04/19/04	3974.27	52.90	53.00	0.10	3921.36
MW - 5	05/05/04	3974.27	52.52	55.11	2.59	3921.36
MW - 5	05/11/04	3974.27	52.64	55.29	2.65	3921.23
MW - 5	06/07/04	3974.27	52.25	54.97	2.72	3921.61
MW - 5	06/15/04	3974.27	52.27	54.93	2.66	3921.60
MW - 5	06/20/04	3974.27	52.27	54.93	2.66	3921.60
MW - 5	06/21/04	3974.27	52.23	54.95	2.72	3921.63
MW - 5	06/28/04	3974.27	52.25	54.97	2.72	3921.61
MW - 5	07/08/04	3974.27	52.24	54.96	2.72	3921.62
MW - 5	07/12/04	3974.27	52.23	54.97	2.74	3921.63
MW - 5	08/12/04	3974.27	52.22	54.22	2.00	3921.75
MW - 5	08/17/04	3974.27	52.25	55.25	3.00	3921.57
MW - 5	08/26/04	3974.27	52.25	55.23	2.98	3921.57
MW - 5	09/01/04	3974.27	52.27	55.20	2.93	3921.56
MW - 5	09/03/04	3974.27	52.30	55.16	2.86	3921.54
MW - 5	09/08/04	3974.27	52.27	55.24	2.97	3921.55
MW - 5	09/14/04	3974.27	52.27	55.20	2.93	3921.56
MW - 5	09/22/04	3974.27	52.33	55.10	2.77	3921.52
MW - 5	10/01/04	3974.27	52.27	55.22	2.95	3921.56
MW - 5	10/08/04	3974.27	52.28	55.20	2.92	3921.55
MW - 5	10/15/04	3974.27	52.23	54.91	2.68	3921.64
MW - 5	10/22/04	3974.27	52.21	55.16	2.95	3921.62
MW - 5	11/12/04	3974.27	52.41	53.24	0.83	3921.74
MW - 5	11/26/04	3974.27	52.34	54.80	2.46	3921.56
MW - 5	12/02/04	3974.27	52.39	54.80	2.41	3921.52
MW - 5	12/06/04	3974.27	52.55	53.97	1.42	3921.51
MW - 5	12/13/04	3974.27	52.87	53.35	0.48	3921.33
MW - 5	12/15/04	3974.27	52.87	53.35	0.48	3921.33
MW - 5	12/27/04	3974.27	52.69	53.20	0.51	3921.50
MW - 5	01/10/05	3974.27	52.20	54.68	2.48	3921.70
MW - 5	01/18/05	3974.27	52.26	54.65	2.39	3921.65
MW - 5	01/18/05	3974.27	sheen	52.40	0.00	3921.87
MW - 5	01/25/05	3974.27	52.17	54.70	2.53	3921.72
MW - 5	01/27/05	3974.27	52.18	54.57	2.39	3921.73
MW - 5	02/01/05	3974.27	52.14	54.71	2.57	3921.74
MW - 5	02/07/05	3974.27	52.10	54.67	2.57	3921.78
MW - 5	02/11/05	3974.27	52.11	54.65	2.54	3921.78
MW - 5	02/15/05	3974.27	52.09	54.63	2.54	3921.80
MW - 5	02/22/05	3974.27	52.10	54.60	2.50	3921.80
MW - 5	02/24/05	3974.27	52.08	54.58	2.50	3921.82
MW - 5	03/03/05	3974.27	52.02	54.89	2.87	3921.82

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	03/09/05	3974.27	52.03	54.89	2.86	3921.81
MW - 5	03/22/05	3974.27	52.05	54.25	2.20	3921.89
MW - 5	03/24/05	3974.27	52.05	54.25	2.20	3921.89
MW - 5	03/31/05	3974.27	52.08	54.21	2.13	3921.87
MW - 5	06/22/05	3974.27	52.02	54.80	2.78	3921.83
MW - 5	07/21/05	3974.27	51.94	54.57	2.63	3921.94
MW - 5	08/03/05	3974.27	51.97	54.44	2.47	3921.93
MW - 5	08/30/05	3974.27	51.96	54.45	2.49	3921.94
MW - 5	09/20/05	3974.27	51.94	54.39	2.45	3921.96
MW - 5	09/28/05	3974.27	51.92	54.39	2.47	3921.98
MW - 5	10/06/05	3974.27	51.86	54.64	2.78	3921.99
MW - 5	10/13/05	3974.27	51.89	54.63	2.74	3921.97
MW - 5	10/20/05	3974.27	51.89	54.60	2.71	3921.97
MW - 5	10/26/05	3974.27	51.88	54.89	3.01	3921.94
MW - 5	11/16/05	3974.27	51.86	54.58	2.72	3922.00
MW - 5	11/23/05	3974.27	51.93	54.55	2.62	3921.95
MW - 5	12/12/05	3974.27	51.83	54.54	2.71	3922.03
MW - 5	12/16/05	3974.27	51.99	53.20	1.21	3922.10
MW - 5	12/19/05	3974.27	51.89	54.80	2.91	3921.94
MW - 5	12/29/05	3974.27	51.94	54.57	2.63	3921.94
MW - 5	01/04/06	3974.27	51.99	54.50	2.51	3921.90
MW - 5	01/10/06	3974.27	51.90	54.52	2.62	3921.98
MW - 5	01/17/06	3974.27	51.85	54.50	2.65	3922.02
MW - 5	01/26/06	3974.27	51.83	54.47	2.64	3922.04
MW - 5	01/31/06	3974.27	51.86	54.51	2.65	3922.01
MW - 5	02/07/06	3974.27	51.83	54.45	2.62	3922.05
MW - 5	02/09/06	3974.27	51.86	54.40	2.54	3922.03
MW - 5	02/13/06	3974.27	51.89	54.49	2.60	3921.99
MW - 5	02/22/06	3974.27	51.81	54.45	2.64	3922.06
MW - 5	02/28/06	3974.27	51.83	54.44	2.61	3922.05
MW - 5	03/07/06	3974.27	51.89	54.40	2.51	3922.00
MW - 5	03/15/06	3974.27	51.81	54.40	2.59	3922.07
MW - 5	03/20/06	3974.27	51.77	54.34	2.57	3922.11
MW - 5	03/22/06	3974.27	52.12	53.31	1.19	3921.97
MW - 5	03/29/06	3974.27	51.79	54.30	2.51	3922.10
MW - 5	04/11/06	3974.27	51.76	54.30	2.54	3922.13
MW - 5	04/18/06	3974.27	51.76	54.31	2.55	3922.13
MW - 5	04/25/06	3974.27	51.84	54.25	2.41	3922.07
MW - 5	05/02/06	3974.27	51.76	54.33	2.57	3922.12
MW - 5	05/09/06	3974.27	51.76	54.33	2.57	3922.12
MW - 5	05/16/06	3974.27	51.78	54.30	2.52	3922.11
MW - 5	05/23/06	3974.27	51.76	54.28	2.52	3922.13
MW - 5	05/31/06	3974.27	51.76	54.30	2.54	3922.13

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	06/06/06	3974.27	51.76	54.34	2.58	3922.12
MW - 5	06/13/06	3974.27	51.77	54.26	2.49	3922.13
MW - 5	06/20/06	3974.27	51.76	54.27	2.51	3922.13
MW - 5	06/21/06	3974.27	51.82	53.96	2.14	3922.13
MW - 5	07/06/06	3974.27	51.75	54.21	2.46	3922.15
MW - 5	07/12/06	3974.27	51.81	53.91	2.10	3922.15
MW - 5	07/20/06	3974.27	51.82	52.16	0.34	3922.40
MW - 5	07/25/06	3974.27	51.87	53.84	1.97	3922.10
MW - 5	08/01/06	3974.27	51.81	54.02	2.21	3922.13
MW - 5	08/16/06	3974.27	52.13	52.70	0.57	3922.05
MW - 5	08/23/06	3974.27	51.89	53.53	1.64	3922.13
MW - 5	08/28/06	3974.27	51.86	53.75	1.89	3922.13
MW - 5	09/12/06	3974.27	51.84	53.80	1.96	3922.14
MW - 5	09/22/06	3974.27	51.84	53.80	1.96	3922.14
MW - 5	09/27/06	3974.27	51.81	53.90	2.09	3922.15
MW - 5	10/06/06	3974.27	51.82	53.84	2.02	3922.15
MW - 5	10/10/06	3974.27	51.90	53.86	1.96	3922.08
MW - 5	10/16/06	3974.27	51.87	53.84	1.97	3922.10
MW - 5	10/26/06	3974.27	51.85	53.85	2.00	3922.12
MW - 5	11/03/06	3974.27	51.83	53.82	1.99	3922.14
MW - 5	11/09/06	3974.27	51.83	53.74	1.91	3922.15
MW - 5	11/16/06	3974.27	51.89	53.78	1.89	3922.10
MW - 5	11/22/06	3974.27	51.81	53.87	2.06	3922.15
MW - 5	12/04/06	3974.27	51.84	53.75	1.91	3922.14
MW - 5	12/08/06	3974.27	51.85	53.78	1.93	3922.13
MW - 5	12/15/06	3974.27	51.74	54.05	2.31	3922.18
MW - 5	01/05/07	3974.27	51.77	54.04	2.27	3922.16
MW - 5	01/12/07	3974.27	51.75	54.04	2.29	3922.18
MW - 5	01/18/07	3974.27	51.74	54.03	2.29	3922.19
MW - 5	01/24/07	3974.27	51.76	54.06	2.30	3922.17
MW - 5	01/29/07	3974.27	51.71	53.97	2.26	3922.22
MW - 5	02/09/07	3974.27	51.73	53.98	2.25	3922.20
MW - 5	02/16/07	3974.27	51.73	53.98	2.25	3922.20
MW - 5	02/23/07	3974.27	51.71	53.96	2.25	3922.22
MW - 5	03/02/07	3974.27	51.79	54.05	2.26	3922.14
MW - 5	03/14/07	3974.27	51.78	53.77	1.99	3922.19
MW - 5	03/26/07	3974.27	51.72	53.93	2.21	3922.22
MW - 5	04/03/07	3974.27	51.72	53.93	2.21	3922.22
MW - 5	04/09/07	3974.27	51.71	53.91	2.20	3922.23
MW - 5	04/26/07	3974.27	51.71	53.88	2.17	3922.23
MW - 5	04/30/07	3974.27	51.72	53.84	2.12	3922.23
MW - 5	05/11/07	3974.27	51.73	53.84	2.11	3922.22
MW - 5	05/16/07	3974.27	51.71	53.83	2.12	3922.24

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	05/22/07	3974.27	51.70	53.82	2.12	3922.25
MW - 5	05/29/07	3974.27	51.69	53.82	2.13	3922.26
MW - 5	06/01/07	3974.27	51.71	53.86	2.15	3922.24
MW - 5	06/08/07	3974.27	51.70	53.82	2.12	3922.25
MW - 5	06/11/07	3974.27	51.71	53.80	2.09	3922.25
MW - 5	06/20/07	3974.27	51.70	53.80	2.10	3922.26
MW - 5	07/10/07	3974.27	51.69	53.78	2.09	3922.27
MW - 5	07/20/07	3974.27	51.69	53.76	2.07	3922.27
MW - 5	07/25/07	3974.27	51.68	53.75	2.07	3922.28
MW - 5	08/01/07	3974.27	51.68	53.71	2.03	3922.29
MW - 5	08/10/07	3974.27	51.69	53.74	2.05	3922.27
MW - 5	08/15/07	3974.27	51.68	53.71	2.03	3922.29
MW - 5	08/30/07	3974.27	51.69	53.71	2.02	3922.28
MW - 5	08/31/07	3974.27	51.69	53.71	2.02	3922.28
MW - 5	09/10/07	3974.27	51.69	53.70	2.01	3922.28
MW - 5	09/19/07	3974.27	51.67	53.68	2.01	3922.30
MW - 5	10/01/07	3974.27	52.03	52.32	0.29	3922.20
MW - 5	10/19/07	3974.27	51.89	53.04	1.15	3922.21
MW - 5	11/12/07	3974.27	51.84	52.93	1.09	3922.27
MW - 5	12/13/07	3974.27	51.93	52.74	0.81	3922.22
MW - 5	03/07/08	3974.27	51.77	52.82	1.05	3922.34
MW - 5	3/12/08 #1	3974.27	51.77	52.82	1.05	3922.34
MW - 5	3/12/08 #2	3974.27	51.82	52.50	0.68	3922.35
MW - 5	3/20/2008 #1	3974.27	51.78	52.83	1.05	3922.33
MW - 5	3/20/08 #2	3974.27	51.81	52.57	0.76	3922.35
MW - 5	3/23/08 #1	3974.27	51.84	52.88	1.04	3922.27
MW - 5	3/23/08 #2	3974.27	51.82	52.39	0.57	3922.36
MW - 5	4/2/08 #1	3974.27	51.79	52.99	1.20	3922.30
MW - 5	4/2/08 #2	3974.27	51.76	52.62	0.86	3922.38
MW - 5	4/9/08 #1	3974.27	51.71	53.11	1.40	3922.35
MW - 5	4/9/08 #2	3974.27	51.79	52.65	0.86	3922.35
MW - 5	04/16/08	3974.27	51.73	52.82	1.09	3922.38
MW - 5	04/30/08	3974.27	51.78	52.97	1.19	3922.31
MW - 5	05/29/08	3974.27	51.63	53.27	1.64	3922.39
MW - 5	06/02/08	3974.27	51.63	53.22	1.59	3922.40
MW - 5	06/03/08	3974.27	51.63	53.22	1.59	3922.40
MW - 5	06/11/08	3974.27	51.62	53.25	1.63	3922.41
MW - 5	06/18/08	3974.27	51.62	53.26	1.64	3922.40
MW - 5	06/23/08	3974.27	51.63	53.23	1.60	3922.40
MW - 5	07/01/08	3974.27	51.61	53.22	1.61	3922.42
MW - 5	07/09/08	3974.27	51.65	53.26	1.61	3922.38
MW - 5	07/15/08	3974.27	51.60	53.22	1.62	3922.43
MW - 5	07/22/08	3974.27	51.63	53.21	1.58	3922.40

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	08/02/08	3974.27	51.62	53.22	1.60	3922.41
MW - 5	08/13/08	3974.27	51.62	53.21	1.59	3922.41
MW - 5	09/03/08	3974.27	51.61	53.21	1.60	3922.42
MW - 5	09/11/08	3974.27	51.61	53.20	1.59	3922.42
MW - 5	09/19/08	3974.27	51.60	53.16	1.56	3922.44
MW - 5	09/26/08	3974.27	51.60	53.16	1.56	3922.44
MW - 5	10/10/08	3974.27	51.61	53.18	1.57	3922.42
MW - 5	10/17/08	3974.27	51.61	53.13	1.52	3922.43
MW - 5	10/21/08	3974.27	51.89	53.26	1.37	3922.17
MW - 5	10/30/08	3974.27	51.60	53.11	1.51	3922.44
MW - 5	11/04/08	3974.27	51.61	53.13	1.52	3922.43
MW - 5	11/18/08	3974.27	51.61	53.10	1.49	3922.44
MW - 5	11/25/08	3974.27	51.61	53.12	1.51	3922.43
MW - 5	12/10/08	3974.27	51.59	53.13	1.54	3922.45
MW - 5	12/18/08	3974.27	51.60	53.11	1.51	3922.44
MW - 5	01/07/09	3974.27	51.62	53.16	1.54	3922.42
MW - 5	01/14/09	3974.27	51.61	53.15	1.54	3922.43
MW - 5	01/21/09	3974.27	51.98	52.05	0.07	3922.28
MW - 5	01/22/09	3974.27	51.59	53.09	1.50	3922.46
MW - 5	01/30/09	3974.27	51.60	53.05	1.45	3922.45
MW - 5	02/03/09	3974.27	51.60	53.02	1.42	3922.46
MW - 5	02/12/09	3974.27	51.58	52.02	0.44	3922.62
MW - 5	02/19/09	3974.27	52.59	52.96	0.37	3921.62
MW - 5	03/04/09	3974.27	52.65	53.02	0.37	3921.56
MW - 5	03/06/09	3974.27	51.60	53.04	1.44	3922.45
MW - 5	03/11/09	3974.27	51.60	53.02	1.42	3922.46
MW - 5	03/16/09	3974.27	52.68	53.06	0.38	3921.53
MW - 5	03/19/09	3974.27	51.60	53.01	1.41	3922.46
MW - 5	03/24/09	3974.27	51.55	52.89	1.34	3922.52
MW - 5	04/03/09	3974.27	51.58	52.70	1.12	3922.52
MW - 5	04/15/09	3974.27	51.59	52.91	1.32	3922.48
MW - 5	04/17/09	3974.27	51.61	52.83	1.22	3922.48
MW - 5	04/22/09	3974.27	51.60	52.68	1.08	3922.51
MW - 5	04/29/09	3974.27	51.61	52.96	1.35	3922.46
MW - 5	05/20/09	3974.27	51.58	52.91	1.33	3922.49
MW - 5	05/20/09	3974.27	51.58	52.91	1.33	3922.49
MW - 5	06/09/09	3974.27	51.58	52.95	1.37	3922.48
MW - 5	06/17/09	3974.27	51.59	52.97	1.38	3922.47
MW - 5	06/23/09	3974.27	51.61	52.66	1.05	3922.50
MW - 5	07/01/09	3974.27	51.58	52.96	1.38	3922.48
MW - 5	07/08/09	3974.27	51.58	52.98	1.40	3922.48
MW - 5	07/15/09	3974.27	51.58	52.92	1.34	3922.49
MW - 5	07/17/09	3974.27	51.61	52.89	1.28	3922.47

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	07/23/09	3974.27	51.59	52.95	1.36	3922.48
MW - 5	07/24/09	3974.27	51.61	52.82	1.21	3922.48
MW - 5	07/30/09	3974.27	51.59	52.95	1.36	3922.48
MW - 5	08/04/09	3974.27	51.58	52.93	1.35	3922.49
MW - 5	08/12/09	3974.27	51.58	52.94	1.36	3922.49
MW - 5	08/20/09	3974.27	51.58	52.93	1.35	3922.49
MW - 5	08/26/09	3974.27	51.55	51.92	0.37	3922.66
MW - 5	09/02/09	3974.27	51.56	52.92	1.36	3922.51
MW - 5	09/09/09	3974.27	51.72	52.92	1.20	3922.37
MW - 5	09/14/09	3974.27	51.74	53.92	2.18	3922.20
MW - 5	09/21/09	3974.27	51.92	52.98	1.06	3922.19
MW - 5	10/01/09	3974.27	51.60	52.95	1.35	3922.47
MW - 5	10/08/09	3974.27	51.60	52.94	1.34	3922.47
MW - 5	10/14/09	3974.27	51.92	52.96	1.04	3922.19
MW - 5	10/21/09	3974.27	51.57	52.89	1.32	3922.50
MW - 5	10/28/09	3974.27	51.83	52.90	1.07	3922.28
MW - 5	11/04/09	3974.27	51.56	52.86	1.30	3922.52
MW - 5	11/11/09	3974.27	51.56	52.85	1.29	3922.52
MW - 5	11/18/09	3974.27	51.55	52.86	1.31	3922.52
MW - 5	11/25/09	3974.27	51.58	52.87	1.29	3922.50
MW - 5	12/02/09	3974.27	51.57	52.88	1.31	3922.50
MW - 5	12/10/09	3974.27	51.58	52.87	1.29	3922.50
MW - 5	12/17/09	3974.27	51.62	52.89	1.27	3922.46
MW - 5	12/21/09	3974.27	52.06	52.83	0.77	3922.09
MW - 5	12/30/09	3974.27	51.66	52.84	1.18	3922.43
MW - 5	01/07/10	3974.27	51.65	52.66	1.01	3922.47
MW - 5	01/18/10	3974.27	51.57	52.66	1.09	3922.54
MW - 5	02/02/10	3974.27	51.58	52.74	1.16	3922.52
MW - 5	02/11/10	3974.27	51.56	52.73	1.17	3922.53
MW - 5	02/18/10	3974.27	51.55	52.74	1.19	3922.54
MW - 5	02/25/10	3974.27	51.60	52.80	1.20	3922.49
MW - 5	03/02/10	3974.27	51.64	52.82	1.18	3922.45
MW - 5	03/04/10	3974.27	51.57	52.09	0.52	3922.62
MW - 5	03/10/10	3974.27	51.59	52.78	1.19	3922.50
MW - 5	03/12/10	3974.27	51.61	52.86	1.25	3922.47
MW - 5	03/15/10	3974.27	51.60	52.73	1.13	3922.50
MW - 5	03/18/10	3974.27	51.59	52.73	1.14	3922.51
MW - 5	03/22/10	3974.27	51.62	52.78	1.16	3922.48
MW - 5	03/24/10	3974.27	51.63	52.76	1.13	3922.47
MW - 5	03/30/10	3974.27	51.61	52.79	1.18	3922.48
MW - 5	04/07/10	3974.27	51.64	52.79	1.15	3922.46
MW - 5	04/12/10	3974.27	51.53	52.70	1.17	3922.56
MW - 5	04/16/10	3974.27	51.96	53.95	1.99	3922.01

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	04/20/10	3974.27	51.85	53.52	1.67	3922.17
MW - 5	04/27/10	3974.27	51.98	53.60	1.62	3922.05
MW - 5	04/30/10	3974.27	51.91	53.39	1.48	3922.14
MW - 5	05/12/10	3974.27	51.91	53.50	1.59	3922.12
MW - 5	05/14/10	3974.27	51.93	53.38	1.45	3922.12
MW - 5	05/17/10	3974.27	52.08	53.39	1.31	3921.99
MW - 5	05/20/10	3974.27	51.90	53.51	1.61	3922.13
MW - 5	05/25/10	3974.27	51.86	53.12	1.26	3922.22
MW - 5	06/01/10	3974.27	51.88	53.11	1.23	3922.21
MW - 5	06/09/10	3974.27	51.88	53.12	1.24	3922.20
MW - 5	06/16/10	3974.27	51.85	52.92	1.07	3922.26
MW - 5	06/28/10	3974.27	51.63	53.78	2.15	3922.32
MW - 5	07/09/10	3974.27	51.87	52.91	1.04	3922.24
MW - 5	07/14/10	3974.27	51.58	52.40	0.82	3922.57
MW - 5	07/23/10	3974.27	51.60	52.49	0.89	3922.54
MW - 5	07/29/10	3974.27	51.59	52.40	0.81	3922.56
MW - 5	08/05/10	3974.27	51.61	52.40	0.79	3922.54
MW - 5	08/12/10	3974.27	51.62	52.42	0.80	3922.53
MW - 5	08/16/10	3974.27	51.62	52.42	0.80	3922.53
MW - 5	08/18/10	3974.27	51.59	52.45	0.86	3922.55
MW - 5	08/25/10	3974.27	51.81	52.84	1.03	3922.31
MW - 5	09/02/10	3974.27	51.81	52.88	1.07	3922.30
MW - 5	09/09/10	3974.27	51.62	52.41	0.79	3922.53
MW - 5	09/30/10	3974.27	51.61	52.36	0.75	3922.55
MW - 5	10/07/10	3974.27	51.64	52.35	0.71	3922.52
MW - 5	10/14/10	3974.27	51.88	53.49	1.61	3922.15
MW - 5	10/21/10	3974.27	51.88	53.46	1.58	3922.15
MW - 5	11/04/10	3974.27	51.86	52.77	0.91	3922.27
MW - 5	11/10/10	3974.27	51.88	53.43	1.55	3922.16
MW - 5	12/01/10	3974.27	51.70	52.44	0.74	3922.46
MW - 5	12/08/10	3974.27	51.85	52.77	0.92	3922.28
MW - 5	01/26/11	3974.27	51.59	52.51	0.92	3922.54
MW - 5	02/28/11	3974.27	51.86	53.46	1.60	3922.17
MW - 5	03/04/11	3974.27	51.66	52.44	0.78	3922.49
MW - 5	03/09/11	3974.27	51.75	53.12	1.37	3922.31
MW - 5	04/28/11	3974.27	51.74	52.91	1.17	3922.35
MW - 5	05/04/11	3974.27	51.70	52.90	1.20	3922.39
MW - 5	05/11/11	3974.27	51.69	52.82	1.13	3922.41
MW - 5	05/12/11	3974.27	51.62	52.61	0.99	3922.50
MW - 5	05/18/11	3974.27	51.64	52.75	1.11	3922.46
MW - 5	05/23/11	3974.27	51.76	52.88	1.12	3922.34
MW - 5	06/08/11	3974.27	51.72	53.19	1.47	3922.33
MW - 5	06/16/11	3974.27	51.73	53.02	1.29	3922.35

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	06/22/11	3974.27	51.68	52.88	1.20	3922.41
MW - 5	06/30/11	3974.27	51.64	53.20	1.56	3922.40
MW - 5	07/06/11	3974.27	51.57	52.79	1.22	3922.52
MW - 5	07/13/11	3974.27	51.68	53.12	1.44	3922.37
MW - 5	07/15/11	3974.27	51.75	53.20	1.45	3922.30
MW - 5	07/19/11	3974.27	51.60	52.53	0.93	3922.53
MW - 5	07/21/11	3974.27	51.61	52.80	1.19	3922.48
MW - 5	07/26/11	3974.27	51.76	52.68	0.92	3922.37
MW - 5	07/28/11	3974.27	51.73	52.97	1.24	3922.35
MW - 5	08/02/11	3974.27	51.88	53.58	1.70	3922.14
MW - 5	08/09/11	3974.27	51.82	53.30	1.48	3922.23
MW - 5	08/12/11	3974.27	51.84	52.96	1.12	3922.26
MW - 5	08/15/11	3974.27	51.84	52.96	1.12	3922.26
MW - 5	08/16/11	3974.27	51.66	52.63	0.97	3922.46
MW - 5	08/19/11	3974.27	51.73	52.55	0.82	3922.42
MW - 5	08/23/11	3974.27	51.74	52.75	1.01	3922.38
MW - 5	08/26/11	3974.27	51.78	53.05	1.27	3922.30
MW - 5	08/30/11	3974.27	51.60	52.50	0.90	3922.54
MW - 5	09/01/11	3974.27	51.65	52.16	0.51	3922.54
MW - 5	09/08/11	3974.27	51.80	53.37	1.57	3922.23
MW - 5	09/13/11	3974.27	51.72	53.04	1.32	3922.35
MW - 5	09/15/11	3974.27	51.81	53.17	1.36	3922.26
MW - 5	09/22/11	3974.27	51.61	52.40	0.79	3922.54
MW - 5	10/06/11	3974.27	51.72	52.82	1.10	3922.39
MW - 5	10/11/11	3974.27	51.81	52.96	1.15	3922.29
MW - 5	10/13/11	3974.27	51.87	53.61	1.74	3922.14
MW - 5	10/26/11	3974.27	51.81	53.23	1.42	3922.25
MW - 5	11/22/11	3974.27	51.76	52.83	1.07	3922.35
MW - 5	12/02/11	3974.27	51.59	52.56	0.97	3922.53
MW - 5	12/29/11	3974.27	51.59	52.59	1.00	3922.53
MW - 5	01/26/12	3974.27	51.65	52.82	1.17	3922.44
MW - 5	01/31/12	3974.27	51.68	52.87	1.19	3922.41
MW - 5	02/15/12	3974.27	51.59	52.57	0.98	3922.53
MW - 5	02/28/12	3974.27	51.63	52.70	1.07	3922.48
MW - 5	03/20/12	3974.27	51.72	53.18	1.46	3922.33
MW - 5	03/27/12	3974.27	51.67	53.00	1.33	3922.40
MW - 5	04/10/12	3974.27	51.74	53.11	1.37	3922.32
MW - 5	04/19/12	3974.27	51.67	52.96	1.29	3922.41
MW - 5	04/26/12	3974.27	51.69	52.40	0.71	3922.47
MW - 5	05/08/12	3974.27	51.69	52.40	0.71	3922.47
MW - 5	05/15/12	3974.27	51.58	52.71	1.13	3922.52
MW - 5	05/17/12	3974.27	51.56	52.70	1.14	3922.54
MW - 5	06/05/12	3974.27	51.68	53.12	1.44	3922.37

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	06/21/12	3974.27	51.68	53.24	1.56	3922.36
MW - 5	06/28/12	3974.27	51.67	53.29	1.62	3922.36
MW - 5	07/17/12	3974.27	51.90	52.61	0.71	3922.26
MW - 5	08/01/12	3974.27	51.68	52.81	1.13	3922.42
MW - 5	10/02/12	3974.27	51.69	53.16	1.47	3922.36
MW - 5	10/09/12	3974.27	51.67	53.20	1.53	3922.37
MW - 5	10/16/12	3974.27	51.67	53.09	1.42	3922.39
MW - 5	10/25/12	3974.27	51.67	53.21	1.54	3922.37
MW - 5	10/30/12	3974.27	51.68	53.20	1.52	3922.36
MW - 5	11/29/12	3974.27	51.69	53.54	1.85	3922.30
MW - 5	12/14/12	3974.27	51.70	53.26	1.56	3922.34
MW - 5	02/11/13	3974.27	51.67	53.02	1.35	3922.40
MW - 5	04/11/13	3974.27	51.82	53.84	2.02	3922.15
MW - 5	04/15/13	3974.27	51.85	53.78	1.93	3922.13
MW - 5	04/22/13	3974.27	51.65	53.14	1.49	3922.40
MW - 5	05/06/13	3974.27	51.68	53.16	1.48	3922.37
MW - 5	05/09/13	3974.27	51.67	53.18	1.51	3922.37
MW - 5	05/20/13	3974.27	51.67	53.23	1.56	3922.37
MW - 5	05/24/13	3974.27	51.74	53.86	2.12	3922.21
MW - 5	05/29/13	3974.27	51.66	53.25	1.59	3922.37
MW - 5	05/31/13	3974.27	51.74	53.40	1.66	3922.28
MW - 5	06/07/13	3974.27	51.98	53.99	2.01	3921.99
MW - 5	06/12/13	3974.27	51.93	53.88	1.95	3922.05
MW - 5	06/14/13	3974.27	51.42	53.62	2.20	3922.52
MW - 5	06/19/13	3974.27	51.96	53.88	1.92	3922.02
MW - 5	06/21/13	3974.27	52.01	53.76	1.75	3922.00
MW - 5	06/25/13	3974.27	51.73	52.71	0.98	3922.39
MW - 5	06/26/13	3974.27	51.85	53.57	1.72	3922.16
MW - 5	07/03/13	3974.27	52.03	53.89	1.86	3921.96
MW - 5	07/09/13	3974.27	52.00	54.19	2.19	3921.94
MW - 5	07/11/13	3974.27	51.98	54.00	2.02	3921.99
MW - 5	07/24/13	3974.27	51.95	52.87	0.92	3922.18
MW - 5	07/26/13	3974.27	51.89	53.65	1.76	3922.12
MW - 5	07/31/13	3974.27	51.73	53.38	1.65	3922.29
MW - 5	08/02/13	3974.27	51.93	53.71	1.78	3922.07
MW - 5	08/06/13	3974.27	51.76	53.33	1.57	3922.27
MW - 5	08/14/13	3974.27	51.78	53.42	1.64	3922.24
MW - 5	08/21/13	3974.27	51.92	53.75	1.83	3922.08
MW - 5	08/26/13	3974.27	51.89	53.56	1.67	3922.13
MW - 5	09/06/13	3974.27	51.91	53.75	1.84	3922.08
MW - 5	08/30/13	3974.27	51.77	53.32	1.55	3922.27
MW - 5	09/13/13	3974.27	51.83	53.27	1.44	3922.22
MW - 5	09/27/13	3974.27	51.86	53.67	1.81	3922.14

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	09/30/13	3974.27	51.80	53.52	1.72	3922.21
MW - 5	10/02/13	3974.27	51.94	53.85	1.91	3922.04
MW - 5	10/03/13	3974.27	51.89	53.15	1.26	3922.19
MW - 5	10/11/13	3974.27	51.77	53.33	1.56	3922.27
MW - 5	10/17/13	3974.27	51.77	53.39	1.62	3922.26
MW - 5	10/22/13	3974.27	51.76	53.41	1.65	3922.26
MW - 5	10/24/13	3974.27	51.88	53.71	1.83	3922.12
MW - 5	11/01/13	3974.27	51.80	53.25	1.45	3922.25
MW - 5	11/04/13	3974.27	51.80	53.36	1.56	3922.24
MW - 5	11/08/13	3974.27	51.95	54.00	2.05	3922.01
MW - 5	11/13/13	3974.27	51.77	53.35	1.58	3922.26
MW - 5	11/15/13	3974.27	51.76	53.36	1.60	3922.27
MW - 5	11/18/13	3974.27	51.79	53.45	1.66	3922.23
MW - 5	12/12/13	3974.27	51.80	53.55	1.75	3922.21
MW - 5	12/16/13	3974.27	51.80	53.53	1.73	3922.21
MW - 5	12/18/13	3974.27	51.81	53.54	1.73	3922.20
MW - 5	12/23/13	3974.27	51.84	53.58	1.74	3922.17
MW - 5	12/30/13	3974.27	51.81	53.45	1.64	3922.21
MW - 5	01/01/14	3974.27	51.65	53.76	2.11	3922.30
MW - 5	01/06/14	3974.27	51.73	53.43	1.70	3922.29
MW - 5	01/15/14	3974.27	51.88	53.55	1.67	3922.14
MW - 5	01/17/14	3974.27	51.80	53.32	1.52	3922.24
MW - 5	01/20/14	3974.27	52.01	54.13	2.12	3921.94
MW - 5	01/22/14	3974.27	52.23	54.19	1.96	3921.75
MW - 5	01/29/14	3974.27	51.80	53.50	1.70	3922.22
MW - 5	02/04/14	3974.27	51.76	53.54	1.78	3922.24
MW - 5	02/13/14	3974.27	51.78	53.58	1.80	3922.22
MW - 5	02/21/14	3974.27	52.00	54.28	2.28	3921.93
MW - 5	02/26/14	3974.27	52.04	54.30	2.26	3921.89
MW - 5	03/12/14	3974.27	51.86	53.71	1.85	3922.13
MW - 5	03/14/14	3974.27	51.84	53.64	1.80	3922.16
MW - 5	03/17/14	3974.27	51.86	53.66	1.80	3922.14
MW - 5	03/24/14	3974.27	52.26	54.10	1.84	3921.73
MW - 5	03/26/14	3974.27	52.44	54.02	1.58	3921.59
MW - 5	04/09/14	3974.27	51.78	53.42	1.64	3922.24
MW - 5	04/18/14	3974.27	51.79	53.42	1.63	3922.24
MW - 5	04/21/14	3974.27	51.78	53.47	1.69	3922.24
MW - 5	04/28/14	3974.27	51.77	53.53	1.76	3922.24
MW - 5	05/09/14	3974.27	51.88	53.76	1.88	3922.11
MW - 5	05/12/14	3974.27	51.91	53.90	1.99	3922.06
MW - 5	05/19/14	3974.27	51.81	53.73	1.92	3922.17
MW - 5	05/28/14	3974.27	51.85	53.76	1.91	3922.13
MW - 5	06/04/14	3974.27	51.89	53.86	1.97	3922.08

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	06/13/14	3974.27	51.88	53.86	1.98	3922.09
MW - 5	06/16/14	3974.27	51.83	53.37	1.54	3922.21
MW - 5	07/02/14	3974.27	51.80	53.66	1.86	3922.19
MW - 5	07/07/14	3974.27	51.81	53.70	1.89	3922.18
MW - 5	07/18/14	3974.27	51.98	54.15	2.17	3921.96
MW - 5	07/30/14	3974.27	51.86	53.54	1.68	3922.16
MW - 5	08/11/14	3974.27	51.87	53.67	1.80	3922.13
MW - 5	08/22/14	3974.27	51.89	53.65	1.76	3922.12
MW - 5	08/23/14	3974.27	51.89	53.65	1.76	3922.12
MW - 5	09/10/14	3974.27	51.90	53.96	2.06	3922.06
MW - 5	09/23/14	3974.27	51.92	53.96	2.04	3922.04
MW - 5	09/25/14	3974.27	52.18	54.45	2.27	3921.75
MW - 5	10/03/14	3974.27	51.98	53.96	1.98	3921.99
MW - 5	10/15/14	3974.27	51.49	53.79	2.30	3922.44
MW - 5	10/17/14	3974.27	52.02	54.34	2.32	3921.90
MW - 5	10/24/14	3974.27	52.08	54.12	2.04	3921.88
MW - 5	10/27/14	3974.27	52.06	54.10	2.04	3921.90
MW - 5	10/31/14	3974.27	51.72	53.80	2.08	3922.24
MW - 5	11/03/14	3974.27	51.69	55.75	4.06	3921.97
MW - 5	11/10/14	3974.27	51.87	54.20	2.33	3922.05
MW - 5	11/14/14	3974.27	51.85	53.59	1.74	3922.16
MW - 5	11/17/14	3974.27	51.91	53.47	1.56	3922.13
MW - 5	11/18/14	3974.27	51.91	53.47	1.56	3922.13
MW - 5	11/21/14	3974.27	51.93	53.51	1.58	3922.10
MW - 5	12/03/14	3974.27	51.88	53.69	1.81	3922.12
MW - 5	12/05/14	3974.27	51.90	53.54	1.64	3922.12
MW - 5	12/12/14	3974.27	51.92	53.50	1.58	3922.11
MW - 5	12/15/14	3974.27	51.92	53.50	1.58	3922.11
MW - 5	12/19/14	3974.27	51.94	53.52	1.58	3922.09
MW - 5	12/22/14	3974.27	51.90	53.47	1.57	3922.13
MW - 5	01/05/15	3974.27	51.88	53.42	1.54	3922.16
MW - 5	01/09/15	3974.27	51.86	53.63	1.77	3922.14
MW - 5	01/14/15	3974.27	51.86	53.65	1.79	3922.14
MW - 5	1/21/2015	3974.27	51.86	53.40	1.54	3922.18
MW - 5	02/18/15	3974.27	51.95	53.69	1.74	3922.06
MW - 5	02/19/15	3974.27	51.92	53.30	1.38	3922.14
MW - 5	03/09/15	3974.27	51.87	53.38	1.51	3922.17
MW - 5	03/11/15	3974.27	51.85	53.58	1.73	3922.16
MW - 5	03/18/15	3974.27	51.85	53.52	1.67	3922.17
MW - 5	03/31/15	3974.27	51.88	53.42	1.54	3922.16
MW - 5	04/09/15	3974.27	51.84	53.46	1.62	3922.19
MW - 5	04/15/15	3974.27	51.83	53.51	1.68	3922.19
MW - 5	04/22/15	3974.27	51.83	53.55	1.72	3922.18

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	05/12/15	3974.27	51.84	53.58	1.74	3922.17
MW - 5	05/26/15	3974.27	51.84	53.37	1.53	3922.20
MW - 5	06/01/15	3974.27	51.85	53.58	1.73	3922.16
MW - 5	06/04/15	3974.27	51.84	53.67	1.83	3922.16
MW - 5	06/22/15	3974.27	51.95	54.00	2.05	3922.01
MW - 5	06/26/15	3974.27	52.10	53.93	1.83	3921.90
MW - 5	07/22/15	3974.27	52.02	53.53	1.51	3922.02
MW - 5	07/27/15	3974.27	52.08	53.83	1.75	3921.93
MW - 5	08/18/15	3974.27	51.85	53.31	1.46	3922.20
MW - 5	09/09/15	3974.27	52.00	54.15	2.15	3921.95
MW - 5	09/30/15	3974.27	52.14	54.50	2.36	3921.78
MW - 5	10/08/15	3974.27	51.98	53.90	1.92	3922.00
MW - 5	10/16/15	3974.27	52.08	54.27	2.19	3921.86
MW - 5	10/21/15	3974.27	52.50	53.84	1.34	3921.57
MW - 5	11/18/15	3974.27	52.03	53.95	1.92	3921.95
MW - 5	11/23/15	3974.27	51.94	53.52	1.58	3922.09
MW - 5	12/04/15	3974.27	51.85	53.69	1.84	3922.14
MW - 5	12/09/15	3974.27	52.14	54.19	2.05	3921.82
MW - 5	01/12/16	3974.27	51.90	53.83	1.93	3922.08
MW - 5	01/22/16	3974.27	51.93	53.65	1.72	3922.08
MW - 5	01/25/16	3974.27	52.00	53.80	1.80	3922.00
MW - 5	02/12/16	3974.27	52.03	54.13	2.10	3921.93
MW - 5	02/17/16	3974.27	52.00	53.86	1.86	3921.99
MW - 5	02/24/16	3974.27	51.90	53.58	1.68	3922.12
MW - 5	03/09/16	3974.27	52.01	54.11	2.10	3921.95
MW - 5	03/30/16	3974.27	52.03	54.07	2.04	3921.93
MW - 5	04/13/16	3974.27	52.00	54.09	2.09	3921.96
MW - 5	04/27/16	3974.27	52.01	54.00	1.99	3921.96
MW - 5	05/11/16	3974.27	51.99	53.96	1.97	3921.98
MW - 5	06/03/16	3974.27	52.02	54.13	2.11	3921.93
MW - 5	06/13/16	3974.27	51.91	53.61	1.70	3922.11
MW - 5	07/01/16	3974.27	52.05	53.93	1.88	3921.94
MW - 5	07/08/16	3974.27	51.98	53.87	1.89	3922.01
MW - 5	07/12/16	3974.27	51.95	53.06	1.11	3922.15
MW - 5	07/18/16	3974.27	51.99	53.83	1.84	3922.00
MW - 5	08/02/16	3974.27	52.00	53.48	1.48	3922.05
MW - 5	08/12/16	3974.27	52.12	54.18	2.06	3921.84
MW - 5	08/17/16	3974.27	51.97	53.94	1.97	3922.00
MW - 5	09/21/16	3974.27	51.95	53.82	1.87	3922.04
MW - 5	10/21/16	3974.27	51.92	53.73	1.81	3922.08
MW - 5	10/24/16	3974.27	52.08	54.12	2.04	3921.88
MW - 5	10/26/16	3974.27	52.39	52.52	0.13	3921.86
MW - 5	10/31/16	3974.27	52.06	54.09	2.03	3921.91

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	11/21/16	3974.27	52.45	52.66	0.21	3921.79
MW - 5	11/28/16	3974.27	51.90	53.87	1.97	3922.07
MW - 5	12/07/16	3974.27	52.09	54.46	2.37	3921.82
MW - 5	12/14/16	3974.27	52.09	54.19	2.10	3921.87
MW - 5	12/21/16	3974.27	51.92	53.76	1.84	3922.07
MW - 5	01/04/17	3974.27	51.90	53.86	1.96	3922.08
MW - 5	01/12/17	3974.27	51.90	53.88	1.98	3922.07
MW - 5	01/26/17	3974.27	52.03	53.45	1.42	3922.03
MW - 5	02/07/17	3974.27	51.95	54.00	2.05	3922.01
MW - 5	02/21/17	3974.27	51.90	53.84	1.94	3922.08
MW - 5	02/23/17	3974.27	51.89	53.79	1.90	3922.10
MW - 5	03/08/17	3974.27	52.02	53.95	1.93	3921.96
MW - 5	04/07/17	3974.27	51.88	53.81	1.93	3922.10
MW - 5	04/18/17	3974.27	51.88	53.84	1.96	3922.10
MW - 5	05/10/17	3974.27	51.98	54.20	2.22	3921.96
MW - 5	05/24/17	3974.27	51.62	54.72	3.10	3922.19
MW - 5	06/02/17	3974.27	51.82	53.80	1.98	3922.15
MW - 5	07/12/17	3974.27	52.04	54.15	2.11	3921.91
MW - 5	07/19/17	3974.27	52.05	53.94	1.89	3921.94
MW - 5	07/27/17	3974.27	51.93	53.85	1.92	3922.05
MW - 5	08/11/17	3974.27	52.01	54.10	2.09	3921.95
MW - 5	08/24/17	3974.27	51.95	53.98	2.03	3922.02
MW - 5	09/05/17	3974.27	51.97	54.04	2.07	3921.99
MW - 5	10/18/17	3974.27	52.01	54.21	2.20	3921.93
MW - 5	10/25/17	3974.27	52.01	53.94	1.93	3921.97
MW - 5	10/25/17	3974.27	51.97	54.05	2.08	3921.99
MW - 5	11/01/17	3974.27	51.99	53.96	1.97	3921.98
MW - 5	11/08/17	3974.27	51.97	54.05	2.08	3921.99
MW - 5	11/28/17	3974.27	51.99	54.08	2.09	3921.97
MW - 5	12/19/17	3974.27	51.97	54.09	2.12	3921.98
MW - 5	01/16/18	3974.27	51.97	54.15	2.18	3921.97
MW - 5	01/30/18	3974.27	51.96	54.05	2.09	3922.00
MW - 5	02/06/18	3974.27	51.98	54.11	2.13	3921.97
MW - 5	02/13/18	3974.27	52.01	54.12	2.11	3921.94
MW - 5	02/26/18	3974.27	51.99	53.96	1.97	3921.98
MW - 5	04/03/18	3974.27	51.98	53.91	1.93	3922.00
MW - 5	04/17/18	3974.27	51.95	53.97	2.02	3922.02
MW - 5	05/07/18	3974.27	52.08	54.14	2.06	3921.88
MW - 5	06/21/18	3974.27	51.99	54.20	2.21	3921.95
MW - 5	06/26/18	3974.27	52.00	54.19	2.19	3921.94
MW - 5	07/12/18	3974.27	52.01	54.32	2.31	3921.91
MW - 5	07/17/18	3974.27	52.00	54.22	2.22	3921.94
MW - 5	08/01/18	3974.27	52.02	54.16	2.14	3921.93

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	08/09/18	3974.27	52.02	54.27	2.25	3921.91
MW - 5	08/23/18	3974.27	52.02	54.31	2.29	3921.91
MW - 5	08/30/18	3974.27	52.04	53.16	1.12	3922.06
MW - 5	08/31/18	3974.27	52.04	54.29	2.25	3921.89
MW - 5	09/11/18	3974.27	52.11	54.07	1.96	3921.87
MW - 5	09/19/18	3974.27	52.04	53.98	1.94	3921.94
MW - 5	10/16/18	3974.27	52.06	54.28	2.22	3921.88
MW - 5	11/01/18	3974.27	52.08	54.16	2.08	3921.88
MW - 5	11/05/18	3974.27	52.06	54.11	2.05	3921.90
MW - 5	11/14/18	3974.27	52.05	54.14	2.09	3921.91
MW - 5	12/04/18	3974.27	52.07	54.19	2.12	3921.88
MW - 5	12/06/18	3974.27	52.04	54.11	2.07	3921.92
MW - 5	12/18/18	3974.27	52.08	54.29	2.21	3921.86
MW - 5	12/20/18	3974.27	52.07	54.35	2.28	3921.86
MW - 5	12/26/18	3974.27	52.05	54.25	2.20	3921.89
MW - 5	01/08/19	3974.27	52.06	54.31	2.25	3921.87
MW - 5	01/10/19	3974.27	52.08	54.29	2.21	3921.86
MW - 5	01/15/19	3974.27	52.11	54.21	2.10	3921.85
MW - 5	01/24/19	3974.27	52.33	53.98	1.65	3921.69
MW - 5	02/11/19	3974.27	52.27	54.02	1.75	3921.74
MW - 5	02/18/19	3974.27	52.00	54.03	2.03	3921.97
MW - 5	04/16/19	3974.27	52.19	53.96	1.77	3921.81
MW - 5	04/23/19	3974.27	52.16	55.02	2.86	3921.68
MW - 5	04/30/19	3974.27	52.03	54.41	2.38	3921.88
MW - 5	05/07/19	3974.27	52.10	54.03	1.93	3921.88
MW - 5	05/09/19	3974.27	52.62	53.96	1.34	3921.45
MW - 5	05/14/19	3974.27	51.98	53.95	1.97	3921.99
MW - 5	06/04/19	3974.27	52.23	54.29	2.06	3921.73
MW - 5	06/11/19	3974.27	52.39	54.35	1.96	3921.59
MW - 5	06/13/19	3974.27	52.28	54.27	1.99	3921.69
MW - 5	06/17/19	3974.27	52.05	54.06	2.01	3921.92
MW - 5	07/01/19	3974.27	52.02	54.31	2.29	3921.91
MW - 5	07/02/19	3974.27	52.10	54.19	2.09	3921.86
MW - 5	08/19/19	3974.27	52.11	54.16	2.05	3921.85
MW - 5	08/29/19	3974.27	52.16	54.21	2.05	3921.80
MW - 5	09/03/19	3974.27	52.12	53.28	1.16	3921.98
MW - 5	09/10/19	3974.27	52.13	53.27	1.14	3921.97
MW - 5	10/01/19	3974.27	52.13	53.25	1.12	3921.97
MW - 5	10/22/19	3974.27	52.25	53.38	1.13	3921.85
MW - 5	11/11/19	3974.27	52.17	54.21	2.04	3921.79
MW - 5	11/15/19	3974.27	52.10	55.12	3.02	3921.72
MW - 5	01/08/20	3974.27	52.05	55.10	3.05	3921.76
MW - 5	02/13/20	3974.27	52.19	54.43	2.24	3921.74

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	02/18/20	3974.27	52.08	54.84	2.76	3921.78
MW - 5	05/05/20	3974.27	52.08	55.01	2.93	3921.75
MW - 5	06/11/20	3974.27	52.08	55.16	3.08	3921.73
MW - 5	09/23/20	3974.27	52.17	55.34	3.17	3921.62
MW - 5	12/04/20	3974.27	52.18	55.42	3.24	3921.60
MW - 5	03/23/21	3974.27	52.18	55.58	3.40	3921.58
MW - 5	06/04/21	3974.27	52.16	55.67	3.51	3921.58
MW - 5	08/12/21	3974.27	52.26	55.87	3.61	3921.47
MW - 5	09/30/21	3974.27	52.29	55.93	3.64	3921.43
MW - 5	12/09/21	3974.27	52.38	55.45	3.07	3921.43
MW - 6	03/02/00	3974.72	53.10	53.84	0.74	3921.51
MW - 6	04/25/00	3974.72	53.14	53.91	0.77	3921.46
MW - 6	09/06/00	3974.72	52.81	55.87	3.06	3921.45
MW - 6	11/28/00	3974.72	52.91	55.62	2.71	3921.40
MW - 6	02/21/01	3974.72	52.79	55.42	2.63	3921.54
MW - 6	05/31/01	3974.72	52.95	54.83	1.88	3921.49
MW - 6	08/23/01	3974.72	52.69	55.95	3.26	3921.54
MW - 6	11/21/01	3974.72	53.42	55.42	2.00	3921.00
MW - 6	02/13/02	3974.72	52.74	56.04	3.30	3921.49
MW - 6	06/12/02	3974.72	52.63	56.16	3.53	3921.56
MW - 6	08/26/02	3974.72	52.67	56.24	3.57	3921.51
MW - 6	11/08/02	3974.72	53.03	55.06	2.03	3921.39
MW - 6	11/21/02	3974.72	53.10	54.57	1.47	3921.40
MW - 6	12/27/02	3974.72	52.95	54.97	2.02	3921.47
MW - 6	01/06/03	3974.72	52.90	55.38	2.48	3921.45
MW - 6	01/08/03	3974.72	52.88	55.42	2.54	3921.46
MW - 6	01/10/03	3974.72	52.86	55.86	3.00	3921.41
MW - 6	01/13/03	3974.72	52.85	55.55	2.70	3921.47
MW - 6	02/05/03	3974.72	52.80	55.81	3.01	3921.47
MW - 6	02/26/03	3974.72	52.71	56.09	3.38	3921.50
MW - 6	03/04/03	3974.72	52.72	56.09	3.37	3921.49
MW - 6	03/12/03	3974.72	52.73	56.18	3.45	3921.47
MW - 6	03/18/03	3974.72	52.71	56.25	3.54	3921.48
MW - 6	03/25/03	3974.72	52.71	56.18	3.47	3921.49
MW - 6	03/31/03	3974.72	52.69	56.21	3.52	3921.50
MW - 6	04/09/03	3974.72	52.73	53.02	0.29	3921.95
MW - 6	04/14/03	3974.72	52.61	53.00	0.39	3922.05
MW - 6	05/07/03	3974.72	52.92	56.21	3.29	3921.31
MW - 6	05/08/03	3974.72	52.75	56.04	3.29	3921.48
MW - 6	05/13/03	3974.72	52.80	59.21	6.41	3920.96
MW - 6	05/21/03	3974.72	52.73	56.11	3.38	3921.48
MW - 6	05/27/03	3974.72	53.12	56.50	3.38	3921.09

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	05/28/03	3974.72	53.20	56.65	3.45	3921.00
MW - 6	06/03/03	3974.72	53.19	56.68	3.49	3921.01
MW - 6	06/10/03	3974.72	52.73	56.25	3.52	3921.46
MW - 6	07/01/03	3974.72	52.77	56.31	3.54	3921.42
MW - 6	07/08/03	3974.72	52.77	56.40	3.63	3921.41
MW - 6	07/30/03	3974.72	52.62	56.23	3.61	3921.56
MW - 6	08/04/03	3974.72	52.40	56.45	4.05	3921.71
MW - 6	08/18/03	3974.72	52.97	54.18	1.21	3921.57
MW - 6	08/25/03	3974.72	53.40	57.02	3.62	3920.78
MW - 6	10/01/03	3974.72	52.77	54.90	2.13	3921.63
MW - 6	10/06/03	3974.72	52.72	56.26	3.54	3921.47
MW - 6	10/08/03	3974.72	53.05	56.62	3.57	3921.13
MW - 6	10/15/03	3974.72	53.47	57.10	3.63	3920.71
MW - 6	11/12/03	3974.72	53.11	55.91	2.80	3921.19
MW - 6	11/19/03	3974.72	53.12	56.70	3.58	3921.06
MW - 6	12/01/03	3974.72	53.08	56.70	3.62	3921.10
MW - 6	12/10/03	3974.72	52.82	56.33	3.51	3921.37
MW - 6	02/05/04	3974.72	53.63	57.18	3.55	3920.56
MW - 6	02/17/04	3974.72	52.89	56.34	3.45	3921.31
MW - 6	02/25/04	3974.72	53.60	57.13	3.53	3920.59
MW - 6	03/09/04	3974.72	52.91	56.40	3.49	3921.29
MW - 6	03/16/04	3974.72	53.14	54.19	1.05	3921.42
MW - 6	03/22/04	3974.72	53.04	55.22	2.18	3921.35
MW - 6	04/07/04	3974.72	53.14	53.69	0.55	3921.50
MW - 6	04/12/04	3974.72	53.50	56.43	2.93	3920.78
MW - 6	04/19/04	3974.72	53.10	53.49	0.39	3921.56
MW - 6	05/05/04	3974.72	53.04	56.06	3.02	3921.23
MW - 6	05/11/04	3974.72	52.19	56.21	4.02	3921.93
MW - 6	06/07/04	3974.72	52.77	55.87	3.10	3921.49
MW - 6	06/15/04	3974.72	52.78	55.90	3.12	3921.47
MW - 6	06/20/04	3974.72	52.78	55.90	3.12	3921.47
MW - 6	06/21/04	3974.72	52.77	55.77	3.00	3921.50
MW - 6	06/28/04	3974.72	52.77	55.91	3.14	3921.48
MW - 6	07/08/04	3974.72	52.75	55.87	3.12	3921.50
MW - 6	07/12/04	3974.72	52.76	55.90	3.14	3921.49
MW - 6	08/06/04	3974.72	52.83	55.80	2.97	3921.44
MW - 6	08/12/04	3974.72	52.85	55.82	2.97	3921.42
MW - 6	08/17/04	3974.72	52.77	55.94	3.17	3921.47
MW - 6	09/01/04	3974.72	53.21	54.22	1.01	3921.36
MW - 6	09/03/04	3974.72	53.31	54.02	0.71	3921.30
MW - 6	09/08/04	3974.72	52.16	53.52	1.36	3922.36
MW - 6	09/14/04	3974.72	53.20	54.26	1.06	3921.36
MW - 6	09/22/04	3974.72	53.22	54.14	0.92	3921.36

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	10/01/04	3974.72	53.10	54.89	1.79	3921.35
MW - 6	10/08/04	3974.72	53.25	54.05	0.80	3921.35
MW - 6	10/15/04	3974.72	53.11	53.88	0.77	3921.49
MW - 6	10/22/04	3974.72	53.05	54.55	1.50	3921.45
MW - 6	11/12/04	3974.72	53.22	54.16	0.94	3921.36
MW - 6	11/26/04	3974.72	53.11	54.55	1.44	3921.39
MW - 6	12/02/04	3974.72	53.79	55.20	1.41	3920.72
MW - 6	12/06/04	3974.72	53.87	54.96	1.09	3920.69
MW - 6	12/13/04	3974.72	53.51	54.51	1.00	3921.06
MW - 6	12/15/04	3974.72	53.51	54.51	1.00	3921.06
MW - 6	12/27/04	3974.72	53.85	55.60	1.75	3920.61
MW - 6	01/10/05	3974.72	53.02	54.20	1.18	3921.52
MW - 6	01/18/05	3974.72	52.96	54.49	1.53	3921.53
MW - 6	01/18/05	3974.72	53.14	53.52	0.38	3921.52
MW - 6	01/25/05	3974.72	53.08	53.78	0.70	3921.54
MW - 6	01/27/05	3974.72	53.21	53.42	0.21	3921.48
MW - 6	02/01/05	3974.72	53.19	53.51	0.32	3921.48
MW - 6	02/07/05	3974.72	53.14	53.54	0.40	3921.52
MW - 6	02/11/05	3974.72	53.15	53.55	0.40	3921.51
MW - 6	02/15/05	3974.72	53.10	53.52	0.42	3921.56
MW - 6	02/22/05	3974.72	53.09	53.58	0.49	3921.56
MW - 6	02/24/05	3974.72	53.08	53.65	0.57	3921.55
MW - 6	03/03/05	3974.72	53.02	53.61	0.59	3921.61
MW - 6	03/09/05	3974.72	53.02	53.64	0.62	3921.61
MW - 6	03/22/05	3974.72	53.57	54.20	0.63	3921.06
MW - 6	03/24/05	3974.72	53.57	54.20	0.63	3921.06
MW - 6	03/31/05	3974.72	53.60	54.20	0.60	3921.03
MW - 6	06/22/05	3974.72	52.91	53.92	1.01	3921.66
MW - 6	07/21/05	3974.72	52.80	53.80	1.00	3921.77
MW - 6	08/03/05	3974.72	52.82	53.70	0.88	3921.77
MW - 6	08/12/05	3974.72	52.87	53.62	0.75	3921.74
MW - 6	08/15/05	3974.72	52.91	53.30	0.39	3921.75
MW - 6	08/22/05	3974.72	52.70	53.69	0.99	3921.87
MW - 6	09/07/05	3974.72	52.67	54.31	1.64	3921.80
MW - 6	09/14/05	3974.72	52.78	53.31	0.53	3921.86
MW - 6	09/20/05	3974.72	52.75	53.91	1.16	3921.80
MW - 6	09/21/05	3974.72	52.76	53.54	0.78	3921.84
MW - 6	09/28/05	3974.72	52.70	54.00	1.30	3921.83
MW - 6	10/06/05	3974.72	52.80	53.66	0.86	3921.79
MW - 6	10/13/05	3974.72	52.80	53.51	0.71	3921.81
MW - 6	10/20/05	3974.72	52.84	53.81	0.97	3921.73
MW - 6	10/26/05	3974.72	52.83	53.42	0.59	3921.80
MW - 6	11/03/05	3974.72	52.73	53.70	0.97	3921.84

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	11/10/05	3974.72	52.68	53.99	1.31	3921.84
MW - 6	11/16/05	3974.72	52.79	53.50	0.71	3921.82
MW - 6	11/23/05	3974.72	52.80	53.45	0.65	3921.82
MW - 6	11/28/05	3974.72	52.69	53.76	1.07	3921.87
MW - 6	12/05/05	3974.72	52.80	53.53	0.73	3921.81
MW - 6	12/12/05	3974.72	52.76	53.56	0.80	3921.84
MW - 6	12/16/05	3974.72	52.97	53.56	0.59	3921.66
MW - 6	12/19/05	3974.72	52.81	53.48	0.67	3921.81
MW - 6	12/29/05	3974.72	52.79	53.53	0.74	3921.82
MW - 6	01/04/06	3974.72	52.81	53.50	0.69	3921.81
MW - 6	01/10/06	3974.72	52.72	53.50	0.78	3921.88
MW - 6	01/17/06	3974.72	52.69	53.81	1.12	3921.86
MW - 6	01/26/06	3974.72	52.68	53.83	1.15	3921.87
MW - 6	01/31/06	3974.72	52.70	53.73	1.03	3921.87
MW - 6	02/07/06	3974.72	52.73	53.60	0.87	3921.86
MW - 6	02/09/06	3974.72	52.87	53.13	0.26	3921.81
MW - 6	02/13/06	3974.72	52.73	53.51	0.78	3921.87
MW - 6	02/22/06	3974.72	52.76	53.29	0.53	3921.88
MW - 6	02/28/06	3974.72	52.75	53.28	0.53	3921.89
MW - 6	03/07/06	3974.72	52.79	53.25	0.46	3921.86
MW - 6	03/15/06	3974.72	52.72	53.37	0.65	3921.90
MW - 6	03/20/06	3974.72	52.71	53.30	0.59	3921.92
MW - 6	03/22/06	3974.72	52.94	52.95	0.01	3921.78
MW - 6	03/29/06	3974.72	52.78	52.99	0.21	3921.91
MW - 6	04/11/06	3974.72	52.72	53.17	0.45	3921.93
MW - 6	04/18/06	3974.72	52.72	53.15	0.43	3921.94
MW - 6	04/25/06	3974.72	52.79	52.93	0.14	3921.91
MW - 6	05/02/06	3974.72	52.74	53.10	0.36	3921.93
MW - 6	05/09/06	3974.72	52.72	53.03	0.31	3921.95
MW - 6	05/16/06	3974.72	52.72	53.20	0.48	3921.93
MW - 6	05/23/06	3974.72	52.74	53.15	0.41	3921.92
MW - 6	05/31/06	3974.72	52.71	53.13	0.42	3921.95
MW - 6	06/06/06	3974.72	52.71	53.10	0.39	3921.95
MW - 6	06/13/06	3974.72	52.70	53.11	0.41	3921.96
MW - 6	06/20/06	3974.72	52.71	53.13	0.42	3921.95
MW - 6	06/21/06	3974.72	52.75	53.07	0.32	3921.92
MW - 6	07/06/06	3974.72	52.68	53.31	0.63	3921.95
MW - 6	07/12/06	3974.72	52.66	53.46	0.80	3921.94
MW - 6	07/20/06	3974.72	52.65	53.27	0.62	3921.98
MW - 6	07/25/06	3974.72	52.65	53.40	0.75	3921.96
MW - 6	08/01/06	3974.72	52.68	53.34	0.66	3921.94
MW - 6	08/16/06	3974.72	52.65	53.54	0.89	3921.94
MW - 6	08/23/06	3974.72	52.67	53.42	0.75	3921.94

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	08/28/06	3974.72	52.73	53.23	0.50	3921.92
MW - 6	09/12/06	3974.72	52.25	53.52	1.27	3922.28
MW - 6	09/22/06	3974.72	53.15	54.00	0.85	3921.44
MW - 6	09/27/06	3974.72	52.67	53.18	0.51	3921.97
MW - 6	10/06/06	3974.72	52.61	53.54	0.93	3921.97
MW - 6	10/10/06	3974.72	52.70	53.20	0.50	3921.95
MW - 6	10/16/06	3974.72	52.69	53.21	0.52	3921.95
MW - 6	10/26/06	3974.72	52.65	53.40	0.75	3921.96
MW - 6	11/03/06	3974.72	52.64	53.30	0.66	3921.98
MW - 6	11/09/06	3974.72	52.65	53.25	0.60	3921.98
MW - 6	11/16/06	3974.72	52.68	53.21	0.53	3921.96
MW - 6	11/22/06	3974.72	52.67	53.17	0.50	3921.98
MW - 6	12/04/06	3974.72	52.63	53.39	0.76	3921.98
MW - 6	12/08/06	3974.72	52.59	53.49	0.90	3922.00
MW - 6	12/15/06	3974.72	52.64	53.23	0.59	3921.99
MW - 6	01/05/07	3974.72	52.53	53.63	1.10	3922.03
MW - 6	01/12/07	3974.72	52.63	53.23	0.60	3922.00
MW - 6	01/18/07	3974.72	52.66	53.19	0.53	3921.98
MW - 6	01/24/07	3974.72	52.65	53.17	0.52	3921.99
MW - 6	01/29/07	3974.72	52.65	53.14	0.49	3922.00
MW - 6	02/09/07	3974.72	52.61	53.28	0.67	3922.01
MW - 6	02/16/07	3974.72	52.62	53.24	0.62	3922.01
MW - 6	02/23/07	3974.72	52.60	53.13	0.53	3922.04
MW - 6	03/02/07	3974.72	52.57	53.40	0.83	3922.03
MW - 6	03/14/07	3974.72	52.60	53.16	0.56	3922.04
MW - 6	03/26/07	3974.72	52.57	53.33	0.76	3922.04
MW - 6	04/03/07	3974.72	52.55	53.42	0.87	3922.04
MW - 6	04/09/07	3974.72	52.60	53.21	0.61	3922.03
MW - 6	04/26/07	3974.72	52.51	53.52	1.01	3922.06
MW - 6	04/30/07	3974.72	52.61	54.03	1.42	3921.90
MW - 6	05/11/07	3974.72	52.55	53.26	0.71	3922.06
MW - 6	05/16/07	3974.72	52.62	53.00	0.38	3922.04
MW - 6	05/22/07	3974.72	52.60	53.09	0.49	3922.05
MW - 6	05/29/07	3974.72	52.57	53.14	0.57	3922.06
MW - 6	06/01/07	3974.72	52.56	53.26	0.70	3922.06
MW - 6	06/08/07	3974.72	52.56	53.11	0.55	3922.08
MW - 6	06/11/07	3974.72	52.57	52.95	0.38	3922.09
MW - 6	06/20/07	3974.72	52.55	53.20	0.65	3922.07
MW - 6	07/10/07	3974.72	52.51	53.31	0.80	3922.09
MW - 6	07/11/07	3974.72	52.14	53.50	1.36	3922.38
MW - 6	07/25/07	3974.72	52.52	53.25	0.73	3922.09
MW - 6	08/01/07	3974.72	52.54	53.14	0.60	3922.09
MW - 6	08/10/07	3974.72	52.54	53.14	0.60	3922.09

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	08/15/07	3974.72	52.56	53.00	0.44	3922.09
MW - 6	08/30/07	3974.72	52.49	53.32	0.83	3922.11
MW - 6	08/31/07	3974.72	52.49	53.22	0.73	3922.12
MW - 6	09/10/07	3974.72	52.45	53.60	1.15	3922.10
MW - 6	09/19/07	3974.72	52.43	53.60	1.17	3922.11
MW - 6	10/01/07	3974.72	52.53	53.29	0.76	3922.08
MW - 6	10/19/07	3974.72	52.45	53.60	1.15	3922.10
MW - 6	11/12/07	3974.72	52.41	53.50	1.09	3922.15
MW - 6	03/07/08	3974.72	52.36	53.65	1.29	3922.17
MW - 6	3/12/08 #1	3974.72	52.36	53.65	1.29	3922.17
MW - 6	3/12/08#2	3974.72	52.50	52.67	0.17	3922.19
MW - 6	3/20/2008 #1	3974.72	52.45	53.09	0.64	3922.17
MW - 6	3/20/08#2	3974.72	52.42	53.12	0.70	3922.20
MW - 6	3/23/08 #1	3974.72	52.43	53.02	0.59	3922.20
MW - 6	3/23/08 #2	3974.72	52.51	52.61	0.10	3922.20
MW - 6	4/2/08 #1	3974.72	52.50	52.98	0.48	3922.15
MW - 6	4/2/08 #2	3974.72	52.49	52.72	0.23	3922.20
MW - 6	4/9/08 #1	3974.72	52.41	52.95	0.54	3922.23
MW - 6	4/9/08 #2	3974.72	52.48	52.65	0.17	3922.21
MW - 6	04/16/08	3974.72	52.42	52.97	0.55	3922.22
MW - 6	04/23/08	3974.72	52.44	52.91	0.47	3922.21
MW - 6	04/30/08	3974.72	52.42	52.93	0.51	3922.22
MW - 6	05/29/08	3974.72	52.39	52.96	0.57	3922.24
MW - 6	06/02/08	3974.72	52.42	52.82	0.40	3922.24
MW - 6	06/03/08	3974.72	52.42	52.82	0.40	3922.24
MW - 6	06/11/08	3974.72	52.40	52.99	0.59	3922.23
MW - 6	06/18/08	3974.72	52.43	52.89	0.46	3922.22
MW - 6	06/23/08	3974.72	52.42	52.79	0.37	3922.24
MW - 6	07/01/08	3974.72	52.41	52.97	0.56	3922.23
MW - 6	07/09/08	3974.72	52.42	52.95	0.53	3922.22
MW - 6	07/15/08	3974.72	52.42	52.85	0.43	3922.24
MW - 6	07/22/08	3974.72	52.38	53.00	0.62	3922.25
MW - 6	08/02/08	3974.72	52.36	53.10	0.74	3922.25
MW - 6	08/13/08	3974.72	52.36	53.18	0.82	3922.24
MW - 6	09/03/08	3974.72	52.29	53.47	1.18	3922.25
MW - 6	09/11/08	3974.72	52.41	52.91	0.50	3922.24
MW - 6	09/19/08	3974.72	52.40	52.89	0.49	3922.25
MW - 6	09/26/08	3974.72	52.38	52.92	0.54	3922.26
MW - 6	10/10/08	3974.72	52.39	52.91	0.52	3922.25
MW - 6	10/17/08	3974.72	52.41	52.81	0.40	3922.25
MW - 6	10/21/08	3974.72	52.42	52.74	0.32	3922.25
MW - 6	10/30/08	3974.72	52.38	52.90	0.52	3922.26
MW - 6	11/04/08	3974.72	52.42	52.78	0.36	3922.25

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	11/18/08	3974.72	52.37	53.05	0.68	3922.25
MW - 6	11/25/08	3974.72	52.40	52.87	0.47	3922.25
MW - 6	11/25/08	3974.72	-	52.80	0.00	3921.92
MW - 6	12/10/08	3974.72	52.33	53.09	0.76	3922.28
MW - 6	12/18/08	3974.72	52.31	53.19	0.88	3922.28
MW - 6	01/06/09	3974.72	52.32	53.17	0.85	3922.27
MW - 6	01/14/09	3974.72	52.41	52.97	0.56	3922.23
MW - 6	01/21/09	3974.72	52.41	52.79	0.38	3922.25
MW - 6	01/22/09	3974.72	52.38	52.73	0.35	3922.29
MW - 6	01/30/09	3974.72	52.38	52.82	0.44	3922.27
MW - 6	02/03/09	3974.72	52.40	52.71	0.31	3922.27
MW - 6	02/12/09	3974.72	52.39	52.90	0.51	3922.25
MW - 6	02/19/09	3974.72	52.39	52.94	0.55	3922.25
MW - 6	03/04/09	3974.72	52.42	52.96	0.54	3922.22
MW - 6	03/06/09	3974.72	52.31	53.03	0.72	3922.30
MW - 6	03/11/09	3974.72	52.37	52.82	0.45	3922.28
MW - 6	03/16/09	3974.72	52.45	53.00	0.55	3922.19
MW - 6	03/19/09	3974.72	52.37	52.79	0.42	3922.29
MW - 6	03/24/09	3974.72	52.29	52.81	0.52	3922.35
MW - 6	04/03/09	3974.72	52.31	53.01	0.70	3922.31
MW - 6	04/15/09	3974.72	52.28	53.12	0.84	3922.31
MW - 6	04/17/09	3974.72	52.39	52.63	0.24	3922.29
MW - 6	04/22/09	3974.72	52.31	53.00	0.69	3922.31
MW - 6	04/29/09	3974.72	52.34	52.82	0.48	3922.31
MW - 6	05/20/09	3974.72	52.32	52.95	0.63	3922.31
MW - 6	05/20/09	3974.72	52.32	52.95	0.63	3922.31
MW - 6	06/09/09	3974.72	52.29	52.95	0.66	3922.33
MW - 6	06/17/09	3974.72	52.35	52.80	0.45	3922.30
MW - 6	06/23/09	3974.72	52.32	53.00	0.68	3922.30
MW - 6	07/01/09	3974.72	52.33	52.82	0.49	3922.32
MW - 6	07/08/09	3974.72	52.38	52.67	0.29	3922.30
MW - 6	07/15/09	3974.72	52.35	52.68	0.33	3922.32
MW - 6	07/17/09	3974.72	52.39	52.65	0.26	3922.29
MW - 6	07/23/09	3974.72	52.38	52.65	0.27	3922.30
MW - 6	07/24/09	3974.72	52.40	52.50	0.10	3922.31
MW - 6	07/30/09	3974.72	52.36	52.61	0.25	3922.32
MW - 6	08/04/09	3974.72	52.38	52.62	0.24	3922.30
MW - 6	08/12/09	3974.72	52.35	52.73	0.38	3922.31
MW - 6	08/20/09	3974.72	52.30	52.83	0.53	3922.34
MW - 6	08/26/09	3974.72	52.31	52.96	0.65	3922.31
MW - 6	09/02/09	3974.72	52.35	52.72	0.37	3922.31
MW - 6	09/09/09	3974.72	52.36	52.64	0.28	3922.32
MW - 6	09/14/09	3974.72	52.37	52.63	0.26	3922.31

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	09/21/09	3974.72	52.36	52.69	0.33	3922.31
MW - 6	10/01/09	3974.72	52.38	52.75	0.37	3922.28
MW - 6	10/08/09	3974.72	52.38	52.75	0.37	3922.28
MW - 6	10/14/09	3974.72	52.38	52.67	0.29	3922.30
MW - 6	10/21/09	3974.72	52.31	52.88	0.57	3922.32
MW - 6	10/28/09	3974.72	52.34	52.67	0.33	3922.33
MW - 6	11/04/09	3974.72	52.36	52.62	0.26	3922.32
MW - 6	11/11/09	3974.72	52.32	52.60	0.28	3922.36
MW - 6	11/18/09	3974.72	52.35	52.65	0.30	3922.33
MW - 6	11/25/09	3974.72	52.36	52.68	0.32	3922.31
MW - 6	12/02/09	3974.72	52.36	52.65	0.29	3922.32
MW - 6	12/10/09	3974.72	52.35	52.66	0.31	3922.32
MW - 6	12/17/09	3974.72	52.41	52.68	0.27	3922.27
MW - 6	12/21/09	3974.72	52.36	52.54	0.18	3922.33
MW - 6	12/30/09	3974.72	52.40	52.79	0.39	3922.26
MW - 6	01/07/10	3974.72	52.35	52.55	0.20	3922.34
MW - 6	01/18/10	3974.72	52.40	52.52	0.12	3922.30
MW - 6	02/02/10	3974.72	52.29	52.86	0.57	3922.34
MW - 6	02/11/10	3974.72	52.30	52.61	0.31	3922.37
MW - 6	02/18/10	3974.72	52.30	52.68	0.38	3922.36
MW - 6	02/25/10	3974.72	52.41	52.61	0.20	3922.28
MW - 6	03/02/10	3974.72	52.43	52.58	0.15	3922.27
MW - 6	03/04/10	3974.72	52.46	52.56	0.10	3922.25
MW - 6	03/10/10	3974.72	52.37	52.53	0.16	3922.33
MW - 6	03/12/10	3974.72	52.43	52.56	0.13	3922.27
MW - 6	03/15/10	3974.72	52.36	52.50	0.14	3922.34
MW - 6	03/18/10	3974.72	52.35	52.46	0.11	3922.35
MW - 6	03/22/10	3974.72	52.41	52.54	0.13	3922.29
MW - 6	03/24/10	3974.72	sheen	52.54	0.00	3922.18
MW - 6	03/30/10	3974.72	sheen	52.55	0.00	3922.17
MW - 6	04/07/10	3974.72	sheen	52.53	0.00	3922.19
MW - 6	04/12/10	3974.72	sheen	52.41	0.00	3922.31
MW - 6	04/16/10	3974.72	sheen	52.89	0.00	3921.83
MW - 6	04/20/10	3974.72	sheen	53.00	0.00	3921.72
MW - 6	04/27/10	3974.72	sheen	52.84	0.00	3921.88
MW - 6	04/30/10	3974.72	sheen	52.82	0.00	3921.90
MW - 6	05/12/10	3974.72	sheen	52.74	0.00	3921.98
MW - 6	05/14/10	3974.72	sheen	52.84	0.00	3921.88
MW - 6	05/17/10	3974.72	sheen	52.96	0.00	3921.76
MW - 6	05/20/10	3974.72	sheen	52.73	0.00	3921.99
MW - 6	05/25/10	3974.72	sheen	52.57	0.00	3922.15
MW - 6	06/01/10	3974.72	sheen	52.28	0.00	3922.44
MW - 6	06/09/10	3974.72	sheen	52.60	0.00	3922.12

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	06/16/10	3974.72	sheen	52.56	0.00	3922.16
MW - 6	06/28/10	3974.72	sheen	52.63	0.00	3922.09
MW - 6	07/09/10	3974.72	sheen	52.54	0.00	3922.18
MW - 6	07/14/10	3974.72	sheen	52.36	0.00	3922.36
MW - 6	07/23/10	3974.72	sheen	52.42	0.00	3922.30
MW - 6	07/29/10	3974.72	sheen	52.43	0.00	3922.29
MW - 6	08/05/10	3974.72	sheen	52.40	0.00	3922.32
MW - 6	08/12/10	3974.72	sheen	52.46	0.00	3922.26
MW - 6	08/16/10	3974.72	sheen	52.46	0.00	3922.26
MW - 6	08/18/10	3974.72	sheen	52.35	0.00	3922.37
MW - 6	08/25/10	3974.72	sheen	52.42	0.00	3922.30
MW - 6	09/02/10	3974.72	sheen	52.29	0.00	3922.43
MW - 6	09/08/10	3974.72	sheen	52.46	0.00	3922.26
MW - 6	09/30/10	3974.72	sheen	52.37	0.00	3922.35
MW - 6	10/07/10	3974.72	sheen	52.45	0.00	3922.27
MW - 6	10/14/10	3974.72	sheen	52.75	0.00	3921.97
MW - 6	10/21/10	3974.72	sheen	52.73	0.00	3921.99
MW - 6	11/04/10	3974.72	sheen	52.35	0.00	3922.37
MW - 6	11/10/10	3974.72	sheen	52.73	0.00	3921.99
MW - 6	12/01/10	3974.72	sheen	52.41	0.00	3922.31
MW - 6	12/08/10	3974.72	sheen	52.44	0.00	3922.28
MW - 6	01/26/11	3974.72	sheen	52.45	0.00	3922.27
MW - 6	02/28/11	3974.72	-	52.72	0.00	3922.00
MW - 6	03/04/11	3974.72	52.41	52.45	0.04	3922.30
MW - 6	03/09/11	3974.72	52.52	52.58	0.06	3922.19
MW - 6	04/28/11	3974.72	52.38	52.47	0.09	3922.33
MW - 6	05/04/11	3974.72	52.35	52.40	0.05	3922.36
MW - 6	05/11/11	3974.72	52.46	52.49	0.03	3922.26
MW - 6	05/12/11	3974.72	-	52.44	0.00	3922.28
MW - 6	05/18/11	3974.72	-	52.35	0.00	3922.37
MW - 6	05/23/11	3974.72	52.29	52.49	0.20	3922.40
MW - 6	06/08/11	3974.72	-	52.51	0.00	3922.21
MW - 6	06/16/11	3974.72	52.30	52.41	0.11	3922.40
MW - 6	06/22/11	3974.72	52.32	52.41	0.09	3922.39
MW - 6	06/30/11	3974.72	52.40	52.64	0.24	3922.28
MW - 6	07/06/11	3974.72	-	52.37	0.00	3922.35
MW - 6	07/13/11	3974.72	-	52.40	0.00	3922.32
MW - 6	07/15/11	3974.72	-	52.46	0.00	3922.26
MW - 6	07/19/11	3974.72	-	52.46	0.00	3922.26
MW - 6	07/21/11	3974.72	-	52.38	0.00	3922.34
MW - 6	07/26/11	3974.72	-	52.43	0.00	3922.29
MW - 6	07/28/11	3974.72	-	52.42	0.00	3922.30
MW - 6	08/02/11	3974.72	-	52.64	0.00	3922.08

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	08/09/11	3974.72	-	52.48	0.00	3922.24
MW - 6	08/12/11	3974.72	-	52.60	0.00	3922.12
MW - 6	08/15/11	3974.72	-	52.60	0.00	3922.12
MW - 6	08/16/11	3974.72	-	52.42	0.00	3922.30
MW - 6	08/19/11	3974.72	-	52.50	0.00	3922.22
MW - 6	08/23/11	3974.72	-	52.55	0.00	3922.17
MW - 6	08/26/11	3974.72	-	52.57	0.00	3922.15
MW - 6	08/30/11	3974.72	-	52.38	0.00	3922.34
MW - 6	09/01/11	3974.72	-	52.42	0.00	3922.30
MW - 6	09/08/11	3974.72	-	52.64	0.00	3922.08
MW - 6	09/13/11	3974.72	-	52.54	0.00	3922.18
MW - 6	09/15/11	3974.72	-	52.60	0.00	3922.12
MW - 6	09/22/11	3974.72	-	52.46	0.00	3922.26
MW - 6	10/06/11	3974.72	-	52.46	0.00	3922.26
MW - 6	10/11/11	3974.72	-	52.45	0.00	3922.27
MW - 6	10/13/11	3974.72	52.60	52.64	0.04	3922.11
MW - 6	10/26/11	3974.72	52.41	52.64	0.23	3922.28
MW - 6	11/22/11	3974.72	-	52.57	0.00	3922.15
MW - 6	12/02/11	3974.72	-	52.41	0.00	3922.31
MW - 6	12/29/11	3974.72	-	52.35	0.00	3922.37
MW - 6	01/26/12	3974.72	-	52.57	0.00	3922.15
MW - 6	01/31/12	3974.72	-	52.44	0.00	3922.28
MW - 6	02/15/12	3974.72	-	52.38	0.00	3922.34
MW - 6	02/28/12	3974.72	-	52.37	0.00	3922.35
MW - 6	03/20/12	3974.72	52.43	52.59	0.16	3922.27
MW - 6	03/27/12	3974.72	52.44	52.61	0.17	3922.25
MW - 6	04/10/12	3974.72	52.45	52.70	0.25	3922.23
MW - 6	04/19/12	3974.72	52.44	52.67	0.23	3922.25
MW - 6	04/26/12	3974.72	52.32	52.46	0.14	3922.38
MW - 6	05/08/12	3974.72	52.33	52.47	0.14	3922.37
MW - 6	05/15/12	3974.72	52.31	52.63	0.32	3922.36
MW - 6	05/17/12	3974.72	52.30	52.62	0.32	3922.37
MW - 6	06/05/12	3974.72	52.33	52.78	0.45	3922.32
MW - 6	06/21/12	3974.72	52.33	52.89	0.56	3922.31
MW - 6	06/28/12	3974.72	52.32	52.94	0.62	3922.31
MW - 6	07/17/12	3974.72	52.31	52.97	0.66	3922.31
MW - 6	08/01/12	3974.72	52.42	52.73	0.31	3922.25
MW - 6	10/02/12	3974.72	52.41	53.29	0.88	3922.18
MW - 6	10/09/12	3974.72	52.58	52.88	0.30	3922.10
MW - 6	10/16/12	3974.72	52.47	52.83	0.36	3922.20
MW - 6	10/25/12	3974.72	52.46	52.90	0.44	3922.19
MW - 6	10/30/12	3974.72	52.46	52.95	0.49	3922.19
MW - 6	11/29/12	3974.72	52.54	53.10	0.56	3922.10

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	12/14/12	3974.72	52.48	53.09	0.61	3922.15
MW - 6	02/11/13	3974.72	52.41	53.08	0.67	3922.21
MW - 6	03/18/13	3974.72	52.52	52.74	0.22	3922.17
MW - 6	04/11/13	3974.72	52.89	52.90	0.01	3921.83
MW - 6	05/06/13	3974.72	52.53	52.60	0.07	3922.18
MW - 6	05/29/13	3974.72	52.89	52.91	0.02	3921.83
MW - 6	06/26/13	3974.72	-	52.90	0.00	3921.82
MW - 6	07/31/13	3974.72	-	52.76	0.00	3921.96
MW - 6	08/06/13	3974.72	52.72	52.73	0.01	3922.00
MW - 6	09/30/13	3974.72	52.78	52.79	0.01	3921.94
MW - 6	11/18/13	3974.72	52.66	52.71	0.05	3922.05
MW - 6	02/04/14	3974.72	52.62	52.72	0.10	3922.09
MW - 6	04/28/14	3974.72	52.66	52.74	0.08	3922.05
MW - 6	05/28/14	3974.72	52.83	52.85	0.02	3921.89
MW - 6	07/30/14	3974.72	52.84	52.96	0.12	3921.86
MW - 6	08/23/14	3974.72	52.97	53.04	0.07	3921.74
MW - 6	09/10/14	3974.72	52.85	53.00	0.15	3921.85
MW - 6	09/23/14	3974.72	52.90	52.98	0.08	3921.81
MW - 6	10/31/14	3974.72	52.79	52.87	0.08	3921.92
MW - 6	11/18/14	3974.72	52.81	52.85	0.04	3921.90
MW - 6	01/05/15	3974.72	52.78	53.04	0.26	3921.90
MW - 6	01/09/15	3974.72	52.74	52.80	0.06	3921.97
MW - 6	01/14/15	3974.72	52.75	52.81	0.06	3921.96
MW - 6	01/21/15	3974.72	52.77	53.06	0.29	3921.91
MW - 6	02/19/15	3974.72	-	52.85	0.00	3921.87
MW - 6	03/09/15	3974.72	52.78	53.06	0.28	3921.90
MW - 6	03/11/15	3974.72	52.75	52.83	0.08	3921.96
MW - 6	03/31/15	3974.72	52.79	53.10	0.31	3921.88
MW - 6	04/09/15	3974.72	-	52.75	0.00	3921.97
MW - 6	04/15/15	3974.72	-	52.75	0.00	3921.97
MW - 6	04/22/15	3974.72	-	52.76	0.00	3921.96
MW - 6	05/12/15	3974.72	52.72	52.76	0.04	3921.99
MW - 6	05/26/15	3974.72	52.78	52.97	0.19	3921.91
MW - 6	06/01/15	3974.72	52.74	52.78	0.04	3921.97
MW - 6	06/04/15	3974.72	52.75	52.84	0.09	3921.96
MW - 6	07/27/15	3974.72	-	53.26	0.00	3921.46
MW - 6	08/18/15	3974.72	-	52.75	0.00	3921.97
MW - 6	10/08/15	3974.72	-	53.34	0.00	3921.38
MW - 6	10/21/15	3974.72	-	52.83	0.00	3921.89
MW - 6	11/23/15	3974.72	-	52.80	0.00	3921.92
MW - 6	01/12/16	3974.72	-	52.85	0.00	3921.87
MW - 6	02/11/16	3974.72	-	52.81	0.00	3921.91
MW - 6	02/24/16	3974.72	-	52.80	0.00	3921.92

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	06/13/16	3974.72	-	52.82	0.00	3921.90
MW - 6	08/02/16	3974.72	52.89	52.90	0.01	3921.83
MW - 6	11/28/16	3974.72	-	52.87	0.00	3921.85
MW - 6	02/21/17	3974.72	-	52.93	0.00	3921.79
MW - 6	05/24/17	3974.72	52.82	52.91	0.09	3921.89
MW - 6	07/12/17	3974.72	-	52.91	0.00	3921.81
MW - 6	08/11/17	3974.72	52.80	52.84	0.04	3921.91
MW - 6	10/18/17	3974.72	52.94	53.09	0.15	3921.76
MW - 6	11/28/17	3974.72	52.93	53.11	0.18	3921.76
MW - 6	12/19/17	3974.72	52.96	53.07	0.11	3921.74
MW - 6	01/16/18	3974.72	52.94	53.08	0.14	3921.76
MW - 6	02/26/18	3974.72	52.91	53.06	0.15	3921.79
MW - 6	04/03/18	3974.72	52.91	52.98	0.07	3921.80
MW - 6	04/17/18	3974.72	52.91	52.98	0.07	3921.80
MW - 6	05/07/18	3974.72	52.95	53.10	0.15	3921.75
MW - 6	06/26/18	3974.72	52.98	53.14	0.16	3921.72
MW - 6	07/12/18	3974.72	52.97	53.20	0.23	3921.72
MW - 6	08/01/18	3974.72	53.01	53.24	0.23	3921.68
MW - 6	08/09/18	3974.72	52.93	53.21	0.28	3921.75
MW - 6	08/23/18	3974.72	52.99	53.29	0.30	3921.69
MW - 6	08/30/18	3974.72	53.01	53.31	0.30	3921.67
MW - 6	08/31/18	3974.72	52.98	53.30	0.32	3921.69
MW - 6	09/11/18	3974.72	53.02	53.11	0.09	3921.69
MW - 6	09/13/18	3974.72	53.01	53.07	0.06	3921.70
MW - 6	09/19/18	3974.72	53.03	53.10	0.07	3921.68
MW - 6	09/26/18	3974.72	53.01	53.06	0.05	3921.70
MW - 6	10/04/18	3974.72	53.02	53.06	0.04	3921.69
MW - 6	11/14/18	3974.72	53.04	53.06	0.02	3921.68
MW - 6	12/18/18	3974.72	53.02	53.06	0.04	3921.69
MW - 6	02/18/19	3974.72	53.02	53.04	0.02	3921.70
MW - 6	05/14/19	3974.72	53.02	53.04	0.02	3921.70
MW - 6	08/19/19	3974.72	53.24	53.27	0.03	3921.48
MW - 6	01/08/20	3974.72	53.18	53.22	0.04	3921.53
MW - 6	02/18/20	3974.72	53.20	53.25	0.05	3921.51
MW - 6	05/05/20	3974.72	53.18	53.28	0.10	3921.53
MW - 6	06/11/20	3974.72	53.20	53.27	0.07	3921.51
MW - 6	09/23/20	3974.72	53.30	53.36	0.06	3921.41
MW - 6	12/04/20	3974.72	53.32	53.38	0.06	3921.39
MW - 6	03/23/21	3974.72	53.37	53.49	0.12	3921.33
MW - 6	06/04/21	3974.72	53.34	53.42	0.08	3921.37
MW - 6	09/30/21	3974.72	53.47	53.60	0.13	3921.23
MW - 6	12/09/21	3974.72	53.47	53.50	0.03	3921.25

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	03/02/00	3974.60	-	53.17	0.00	3921.43
MW - 7	04/25/00	3974.60	-	53.23	0.00	3921.37
MW - 7	09/06/00	3974.60	-	53.28	0.00	3921.32
MW - 7	11/28/00	3974.60	-	53.28	0.00	3921.32
MW - 7	02/21/01	3974.60	-	53.18	0.00	3921.42
MW - 7	05/31/01	3974.60	-	53.15	0.00	3921.45
MW - 7	08/23/01	3974.60	-	53.14	0.00	3921.46
MW - 7	11/21/01	3974.60	-	53.19	0.00	3921.41
MW - 7	02/13/02	3974.60	-	53.22	0.00	3921.38
MW - 7	06/12/02	3974.60	-	53.18	0.00	3921.42
MW - 7	08/26/02	3974.60	-	53.19	0.00	3921.41
MW - 7	11/21/02	3974.60	-	53.23	0.00	3921.37
MW - 7	02/05/03	3974.60	-	53.20	0.00	3921.40
MW - 7	05/07/03	3974.60	-	53.18	0.00	3921.42
MW - 7	08/18/03	3974.60	-	53.21	0.00	3921.39
MW - 7	12/01/03	3974.60	-	53.24	0.00	3921.36
MW - 7	02/05/04	3974.60	-	53.27	0.00	3921.33
MW - 7	05/05/04	3974.60	-	53.22	0.00	3921.38
MW - 7	09/01/04	3974.60	-	53.30	0.00	3921.30
MW - 7	12/15/04	3974.60	-	53.25	0.00	3921.35
MW - 7	03/22/05	3974.60	-	53.03	0.00	3921.57
MW - 7	06/22/05	3974.60	-	52.95	0.00	3921.65
MW - 7	09/21/05	3974.60	-	52.87	0.00	3921.73
MW - 7	12/16/05	3974.60	-	52.80	0.00	3921.80
MW - 7	03/20/06	3974.60	-	52.73	0.00	3921.87
MW - 7	06/21/06	3974.60	-	52.69	0.00	3921.91
MW - 7	09/27/06	3974.60	-	52.67	0.00	3921.93
MW - 7	12/04/06	3974.60	-	52.68	0.00	3921.92
MW - 7	03/14/07	3974.60	-	52.64	0.00	3921.96
MW - 7	05/29/07	3974.60	-	52.61	0.00	3921.99
MW - 7	08/30/07	3974.60	-	52.58	0.00	3922.02
MW - 7	11/12/07	3974.60	-	52.54	0.00	3922.06
MW - 7	03/07/08	3974.60	-	52.49	0.00	3922.11
MW - 7	06/02/08	3974.60	-	52.43	0.00	3922.17
MW - 7	09/03/08	3974.60	-	52.44	0.00	3922.16
MW - 7	12/08/08	3974.60	-	52.41	0.00	3922.19
MW - 7	02/19/09	3974.60	-	52.41	0.00	3922.19
MW - 7	05/20/09	3974.60	-	52.35	0.00	3922.25
MW - 7	08/12/09	3974.60	-	52.34	0.00	3922.26
MW - 7	11/25/09	3974.60	-	52.34	0.00	3922.26
MW - 7	01/07/10	3974.60	-	52.33	0.00	3922.27
MW - 7	02/11/10	3974.60	-	52.31	0.00	3922.29
MW - 7	05/17/10	3974.60	-	52.39	0.00	3922.21

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	08/16/10	3974.60	-	52.40	0.00	3922.20
MW - 7	11/10/10	3974.60	-	52.39	0.00	3922.21
MW - 7	02/28/11	3974.60	-	53.42	0.00	3921.18
MW - 7	05/12/11	3974.60	-	52.31	0.00	3922.29
MW - 7	08/15/11	3974.60	-	52.42	0.00	3922.18
MW - 7	11/22/11	3974.60	-	52.37	0.00	3922.23
MW - 7	02/28/12	3974.60	-	52.35	0.00	3922.25
MW - 7	05/17/12	3974.60	-	52.28	0.00	3922.32
MW - 7	08/01/12	3974.60	-	52.39	0.00	3922.21
MW - 7	10/25/12	3974.60	-	52.47	0.00	3922.13
MW - 7	11/29/12	3974.60	-	52.56	0.00	3922.04
MW - 7	02/11/13	3974.60	-	52.44	0.00	3922.16
MW - 7	04/11/13	3974.60	-	52.76	0.00	3921.84
MW - 7	05/06/13	3974.60	-	52.46	0.00	3922.14
MW - 7	05/29/13	3974.60	-	52.71	0.00	3921.89
MW - 7	06/26/13	3974.60	-	52.68	0.00	3921.92
MW - 7	07/31/13	3974.60	-	52.62	0.00	3921.98
MW - 7	08/06/13	3974.60	-	52.62	0.00	3921.98
MW - 7	09/30/13	3974.60	-	52.65	0.00	3921.95
MW - 7	11/19/13	3974.60	-	52.65	0.00	3921.95
MW - 7	12/08/13	3974.60	-	52.60	0.00	3922.00
MW - 7	02/04/14	3974.60	-	52.61	0.00	3921.99
MW - 7	04/28/14	3974.60	-	52.61	0.00	3921.99
MW - 7	05/28/14	3974.60	-	52.74	0.00	3921.86
MW - 7	07/30/14	3974.60	-	52.70	0.00	3921.90
MW - 7	08/23/14	3974.60	-	52.76	0.00	3921.84
MW - 7	10/31/14	3974.60	-	52.75	0.00	3921.85
MW - 7	11/18/14	3974.60	-	52.71	0.00	3921.89
MW - 7	01/09/15	3974.60	-	52.68	0.00	3921.92
MW - 7	02/19/15	3974.60	-	52.71	0.00	3921.89
MW - 7	03/09/15	3974.60	-	52.78	0.00	3921.82
MW - 7	04/09/15	3974.60	-	52.64	0.00	3921.96
MW - 7	05/12/15	3974.60	-	52.64	0.00	3921.96
MW - 7	07/27/15	3974.60	-	52.78	0.00	3921.82
MW - 7	08/18/15	3974.60	-	52.66	0.00	3921.94
MW - 7	10/08/15	3974.60	-	52.88	0.00	3921.72
MW - 7	11/23/15	3974.60	-	52.70	0.00	3921.90
MW - 7	01/12/16	3974.60	-	52.74	0.00	3921.86
MW - 7	02/24/16	3974.60	-	52.74	0.00	3921.86
MW - 7	06/13/16	3974.60	-	52.72	0.00	3921.88
MW - 7	08/02/16	3974.60	-	52.86	0.00	3921.74
MW - 7	11/28/16	3974.60	-	52.80	0.00	3921.80
MW - 7	02/21/17	3974.60	-	52.77	0.00	3921.83

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	05/24/17	3974.60	-	52.73	0.00	3921.87
MW - 7	07/12/17	3974.60	-	52.85	0.00	3921.75
MW - 7	08/11/17	3974.60	-	52.80	0.00	3921.80
MW - 7	10/18/17	3974.60	-	52.92	0.00	3921.68
MW - 7	11/28/17	3974.60	-	52.89	0.00	3921.71
MW - 7	01/16/18	3974.60	-	52.89	0.00	3921.71
MW - 7	02/26/18	3974.60	-	52.84	0.00	3921.76
MW - 7	04/03/18	3974.60	-	52.47	0.00	3922.13
MW - 7	04/17/18	3974.60	-	52.86	0.00	3921.74
MW - 7	05/07/18	3974.60	-	52.91	0.00	3921.69
MW - 7	06/26/18	3974.60	-	52.92	0.00	3921.68
MW - 7	08/09/18	3974.60	-	52.93	0.00	3921.67
MW - 7	09/11/18	3974.60	-	52.94	0.00	3921.66
MW - 7	11/14/18	3974.60	-	53.03	0.00	3921.57
MW - 7	12/18/18	3974.60	-	52.97	0.00	3921.63
MW - 7	02/18/19	3974.60	-	52.99	0.00	3921.61
MW - 7	05/14/19	3974.60	-	52.95	0.00	3921.65
MW - 7	08/19/19	3974.60	-	53.16	0.00	3921.44
MW - 7	11/11/19	3974.60	-	53.12	0.00	3921.48
MW - 7	02/18/20	3974.60	-	53.08	0.00	3921.52
MW - 7	05/05/20	3974.60	-	53.12	0.00	3921.48
MW - 7	06/11/20	3974.60	-	53.14	0.00	3921.46
MW - 7	09/23/20	3974.60	-	53.26	0.00	3921.34
MW - 7	12/04/20	3974.60	-	53.27	0.00	3921.33
MW - 7	12/24/20	3974.60	-	53.26	0.00	3921.34
MW - 7	03/23/21	3974.60	-	53.28	0.00	3921.32
MW - 7	06/04/21	3974.60	-	53.29	0.00	3921.31
MW - 7	09/30/21	3974.60	-	53.43	0.00	3921.17
MW - 7	12/09/21	3974.60	-	53.45	0.00	3921.15
MW - 8	03/02/00	3974.48	-	52.89	0.00	3921.59
MW - 8	04/25/00	3974.48	-	52.96	0.00	3921.52
MW - 8	09/06/00	3974.48	-	53.00	0.00	3921.48
MW - 8	11/28/00	3974.48	-	53.00	0.00	3921.48
MW - 8	02/21/01	3974.48	-	52.90	0.00	3921.58
MW - 8	05/31/01	3974.48	-	52.85	0.00	3921.63
MW - 8	08/23/01	3974.48	-	52.87	0.00	3921.61
MW - 8	11/21/01	3974.48	-	52.92	0.00	3921.56
MW - 8	02/13/02	3974.48	-	52.96	0.00	3921.52
MW - 8	06/12/02	3974.48	-	52.93	0.00	3921.55
MW - 8	08/26/02	3974.48	-	52.92	0.00	3921.56
MW - 8	11/21/02	3974.48	-	52.98	0.00	3921.50
MW - 8	02/05/03	3974.48	-	52.90	0.00	3921.58

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	05/07/03	3974.48	-	52.89	0.00	3921.59
MW - 8	08/18/03	3974.48	-	52.96	0.00	3921.52
MW - 8	12/01/03	3974.48	-	53.00	0.00	3921.48
MW - 8	02/05/04	3974.48	-	52.99	0.00	3921.49
MW - 8	05/05/04	3974.48	-	52.98	0.00	3921.50
MW - 8	09/01/04	3974.48	-	53.05	0.00	3921.43
MW - 8	12/15/04	3974.48	-	53.00	0.00	3921.48
MW - 8	03/22/05	3974.48	-	52.80	0.00	3921.68
MW - 8	06/22/05	3974.48	-	52.68	0.00	3921.80
MW - 8	09/14/05	PLUGGED & ABANDONED				
MW - 9	03/02/00	3975.06	53.07	54.26	1.19	3921.81
MW - 9	04/25/00	3975.06	53.11	54.34	1.23	3921.77
MW - 9	09/06/00	3975.06	53.04	55.02	1.98	3921.72
MW - 9	11/28/00	3975.06	53.13	54.90	1.77	3921.66
MW - 9	02/02/01	3975.06	53.14	54.19	1.05	3921.76
MW - 9	05/31/01	3975.06	53.08	54.81	1.73	3921.72
MW - 9	08/23/01	3975.06	52.88	55.30	2.42	3921.82
MW - 9	11/21/01	3975.06	53.15	54.20	1.05	3921.75
MW - 9	02/13/02	3975.06	52.86	55.73	2.87	3921.77
MW - 9	06/12/02	3975.06	52.82	55.67	2.85	3921.81
MW - 9	08/26/02	3975.06	52.83	55.70	2.87	3921.80
MW - 9	11/08/02	3975.06	52.90	55.81	2.91	3921.72
MW - 9	11/21/02	3975.06	52.90	55.77	2.87	3921.73
MW - 9	12/27/02	3975.06	53.13	54.68	1.55	3921.70
MW - 9	01/06/03	3975.06	53.07	54.97	1.90	3921.71
MW - 9	01/08/03	3975.06	53.04	55.02	1.98	3921.72
MW - 9	01/10/03	3975.06	53.03	55.09	2.06	3921.72
MW - 9	01/13/03	3975.06	53.03	55.09	2.06	3921.72
MW - 9	02/05/03	3975.06	52.96	55.30	2.34	3921.75
MW - 9	02/26/03	3975.06	52.96	55.52	2.56	3921.72
MW - 9	03/04/03	3975.06	52.96	55.56	2.60	3921.71
MW - 9	03/12/03	3975.06	52.94	55.46	2.52	3921.74
MW - 9	03/18/03	3975.06	53.02	57.71	4.69	3921.34
MW - 9	03/25/03	3975.06	53.37	53.40	0.03	3921.69
MW - 9	03/31/03	3975.06	53.36	53.39	0.03	3921.70
MW - 9	04/09/03	3975.06	53.31	53.72	0.41	3921.69
MW - 9	04/14/03	3975.06	53.28	53.40	0.12	3921.76
MW - 9	05/07/03	3975.06	53.07	54.49	1.42	3921.78
MW - 9	05/08/03	3975.06	53.04	54.59	1.55	3921.79
MW - 9	05/13/03	3975.06	53.18	54.84	1.66	3921.63
MW - 9	05/21/03	3975.06	53.08	54.97	1.89	3921.70
MW - 9	05/27/03	3975.06	53.07	55.10	2.03	3921.69

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	05/28/03	3975.06	53.11	55.35	2.24	3921.61
MW - 9	06/03/03	3975.06	53.34	54.20	0.86	3921.59
MW - 9	06/10/03	3975.06	53.40	53.46	0.06	3921.65
MW - 9	07/01/03	3975.06	53.48	53.97	0.49	3921.51
MW - 9	07/08/03	3975.06	53.38	53.94	0.56	3921.60
MW - 9	07/29/03	3975.06	53.12	54.49	1.37	3921.73
MW - 9	08/04/03	3975.06	53.32	54.96	1.64	3921.49
MW - 9	08/18/03	3975.06	53.31	54.09	0.78	3921.63
MW - 9	08/25/03	3975.06	53.29	55.42	2.13	3921.45
MW - 9	10/01/03	3975.06	53.18	53.41	0.23	3921.85
MW - 9	10/06/03	3975.06	53.30	53.86	0.56	3921.68
MW - 9	10/08/03	3975.06	53.60	54.33	0.73	3921.35
MW - 9	10/15/03	3975.06	53.64	54.02	0.38	3921.36
MW - 9	11/12/03	3975.06	53.61	54.98	1.37	3921.24
MW - 9	11/19/03	3975.06	53.51	55.20	1.69	3921.30
MW - 9	12/01/03	3975.06	53.54	55.31	1.77	3921.25
MW - 9	12/10/03	3975.06	53.21	54.93	1.72	3921.59
MW - 9	02/05/04	3975.06	53.60	55.27	1.67	3921.21
MW - 9	02/17/04	3975.06	53.33	54.62	1.29	3921.54
MW - 9	02/25/04	3975.06	53.62	55.29	1.67	3921.19
MW - 9	03/09/04	3975.06	53.41	55.55	2.14	3921.33
MW - 9	03/16/04	3975.06	53.28	55.11	1.83	3921.51
MW - 9	03/22/04	3975.06	53.41	53.89	0.48	3921.58
MW - 9	04/07/04	3975.06	53.73	53.81	0.08	3921.32
MW - 9	04/12/04	3975.06	53.55	53.96	0.41	3921.45
MW - 9	04/19/04	3975.06	53.69	53.86	0.17	3921.34
MW - 9	05/05/04	3975.06	53.50	54.22	0.72	3921.45
MW - 9	05/11/04	3975.06	53.60	54.98	1.38	3921.25
MW - 9	06/07/04	3975.06	53.10	54.64	1.54	3921.73
MW - 9	06/15/04	3975.06	53.11	54.69	1.58	3921.71
MW - 9	06/20/04	3975.06	53.11	54.69	1.58	3921.71
MW - 9	06/21/04	3975.06	53.08	54.57	1.49	3921.76
MW - 9	06/28/04	3975.06	53.08	54.86	1.78	3921.71
MW - 9	07/08/04	3975.06	53.09	54.79	1.70	3921.72
MW - 9	07/12/04	3975.06	53.10	54.81	1.71	3921.70
MW - 9	08/12/04	3975.06	53.26	54.66	1.40	3921.59
MW - 9	08/17/04	3975.06	53.27	54.85	1.58	3921.55
MW - 9	08/26/04	3975.06	53.38	54.30	0.92	3921.54
MW - 9	09/01/04	3975.06	53.44	54.08	0.64	3921.52
MW - 9	09/03/04	3975.06	53.44	53.99	0.55	3921.54
MW - 9	09/08/04	3975.06	53.38	54.40	1.02	3921.53
MW - 9	09/14/04	3975.06	53.44	54.13	0.69	3921.52
MW - 9	09/22/04	3975.06	53.51	54.20	0.69	3921.45

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	10/01/04	3975.06	53.36	54.50	1.14	3921.53
MW - 9	10/08/04	3975.06	53.53	54.11	0.58	3921.44
MW - 9	10/15/04	3975.06	53.35	54.36	1.01	3921.56
MW - 9	10/22/04	3975.06	53.50	54.19	0.69	3921.46
MW - 9	11/12/04	3975.06	53.62	54.40	0.78	3921.32
MW - 9	11/26/04	3975.06	53.45	54.50	1.05	3921.45
MW - 9	12/02/04	3975.06	53.43	54.39	0.96	3921.49
MW - 9	12/06/04	3975.06	53.42	54.10	0.68	3921.54
MW - 9	12/13/04	3975.06	53.43	54.00	0.57	3921.54
MW - 9	12/15/04	3975.06	53.43	54.00	0.57	3921.54
MW - 9	12/27/04	3975.06	53.40	54.30	0.90	3921.53
MW - 9	01/10/05	3975.06	53.34	53.81	0.47	3921.65
MW - 9	01/18/05	3975.06	53.30	53.90	0.60	3921.67
MW - 9	01/25/05	3975.06	53.25	54.05	0.80	3921.69
MW - 9	01/27/05	3975.06	53.33	53.51	0.18	3921.70
MW - 9	02/01/05	3975.06	53.22	53.66	0.44	3921.77
MW - 9	02/07/05	3975.06	53.19	53.60	0.41	3921.81
MW - 9	02/11/05	3975.06	53.20	53.59	0.39	3921.80
MW - 9	02/15/05	3975.06	53.05	53.55	0.50	3921.94
MW - 9	02/22/05	3975.06	53.20	53.59	0.39	3921.80
MW - 9	02/24/05	3975.06	53.05	53.70	0.65	3921.91
MW - 9	03/03/05	3975.06	53.13	53.78	0.65	3921.83
MW - 9	03/09/05	3975.06	53.13	53.78	0.65	3921.83
MW - 9	03/22/05	3975.06	52.90	53.85	0.95	3922.02
MW - 9	03/24/05	3975.06	52.90	53.85	0.95	3922.02
MW - 9	03/31/05	3975.06	52.92	53.76	0.84	3922.01
MW - 9	06/22/05	3975.06	53.82	54.18	0.36	3921.19
MW - 9	07/21/05	3975.06	52.94	53.55	0.61	3922.03
MW - 9	08/03/05	3975.06	52.87	53.86	0.99	3922.04
MW - 9	08/12/05	3975.06	52.92	53.63	0.71	3922.03
MW - 9	08/15/05	3975.06	52.92	53.48	0.56	3922.06
MW - 9	08/22/05	3975.06	52.87	53.64	0.77	3922.07
MW - 9	08/30/05	3975.06	52.80	53.97	1.17	3922.08
MW - 9	09/07/05	3975.06	52.83	53.74	0.91	3922.09
MW - 9	09/14/05	3975.06	52.85	53.40	0.55	3922.13
MW - 9	09/20/05	3975.06	52.80	53.90	1.10	3922.10
MW - 9	09/21/05	3975.06	52.86	53.62	0.76	3922.09
MW - 9	09/28/05	3975.06	52.78	54.02	1.24	3922.09
MW - 9	10/06/05	3975.06	52.83	53.70	0.87	3922.10
MW - 9	10/13/05	3975.06	52.86	53.64	0.78	3922.08
MW - 9	10/20/05	3975.06	52.81	53.50	0.69	3922.15
MW - 9	10/26/05	3975.06	52.87	53.60	0.73	3922.08
MW - 9	11/03/05	3975.06	52.77	53.88	1.11	3922.12

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	11/10/05	3975.06	52.76	53.83	1.07	3922.14
MW - 9	11/16/05	3975.06	52.84	53.59	0.75	3922.11
MW - 9	11/23/05	3975.06	52.90	53.51	0.61	3922.07
MW - 9	11/28/05	3975.06	52.75	53.80	1.05	3922.15
MW - 9	12/05/05	3975.06	52.85	53.48	0.63	3922.12
MW - 9	12/12/05	3975.06	52.84	53.50	0.66	3922.12
MW - 9	12/16/05	3975.06	53.00	53.41	0.41	3922.00
MW - 9	12/19/05	3975.06	52.89	53.51	0.62	3922.08
MW - 9	12/29/05	3975.06	52.73	53.55	0.82	3922.21
MW - 9	01/04/06	3975.06	52.76	53.51	0.75	3922.19
MW - 9	01/10/06	3975.06	52.68	53.51	0.83	3922.26
MW - 9	01/17/06	3975.06	52.77	53.85	1.08	3922.13
MW - 9	01/26/06	3975.06	52.75	53.80	1.05	3922.15
MW - 9	01/31/06	3975.06	52.79	53.75	0.96	3922.13
MW - 9	02/07/06	3975.06	52.79	53.70	0.91	3922.13
MW - 9	02/09/06	3975.06	52.90	53.10	0.20	3922.13
MW - 9	02/13/06	3975.06	52.76	53.58	0.82	3922.18
MW - 9	02/22/06	3975.06	52.79	53.60	0.81	3922.15
MW - 9	02/28/06	3975.06	52.77	53.60	0.83	3922.17
MW - 9	03/07/06	3975.06	52.76	53.58	0.82	3922.18
MW - 9	03/15/06	3975.06	52.75	53.60	0.85	3922.18
MW - 9	03/20/06	3975.06	52.75	53.52	0.77	3922.19
MW - 9	03/22/06	3975.06	52.96	52.98	0.02	3922.10
MW - 9	03/29/06	3975.06	52.80	53.21	0.41	3922.20
MW - 9	04/11/06	3975.06	52.74	53.42	0.68	3922.22
MW - 9	04/18/06	3975.06	52.75	53.41	0.66	3922.21
MW - 9	04/25/06	3975.06	52.83	53.07	0.24	3922.19
MW - 9	05/02/06	3975.06	52.74	53.34	0.60	3922.23
MW - 9	05/09/06	3975.06	52.73	53.34	0.61	3922.24
MW - 9	05/16/06	3975.06	52.74	53.43	0.69	3922.22
MW - 9	05/23/06	3975.06	52.71	53.48	0.77	3922.23
MW - 9	05/31/06	3975.06	52.71	53.54	0.83	3922.23
MW - 9	06/06/06	3975.06	52.73	53.88	1.15	3922.16
MW - 9	06/13/06	3975.06	52.72	53.38	0.66	3922.24
MW - 9	06/20/06	3975.06	52.72	53.38	0.66	3922.24
MW - 9	06/21/06	3975.06	52.79	53.07	0.28	3922.23
MW - 9	07/06/06	3975.06	52.69	53.52	0.83	3922.25
MW - 9	07/12/06	3975.06	52.66	53.66	1.00	3922.25
MW - 9	07/20/06	3975.06	52.63	53.61	0.98	3922.28
MW - 9	07/25/06	3975.06	52.75	53.70	0.95	3922.17
MW - 9	08/01/06	3975.06	52.70	53.49	0.79	3922.24
MW - 9	08/16/06	3975.06	52.68	53.69	1.01	3922.23
MW - 9	08/23/06	3975.06	52.70	53.47	0.77	3922.24

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	08/28/06	3975.06	52.72	53.36	0.64	3922.24
MW - 9	09/12/06	3975.06	52.67	53.65	0.98	3922.24
MW - 9	09/22/06	3975.06	52.65	53.60	0.95	3922.27
MW - 9	09/27/06	3975.06	52.70	53.38	0.68	3922.26
MW - 9	10/06/06	3975.06	52.64	53.64	1.00	3922.27
MW - 9	10/10/06	3975.06	52.71	53.30	0.59	3922.26
MW - 9	10/16/06	3975.06	52.74	53.39	0.65	3922.22
MW - 9	10/26/06	3975.06	52.68	53.49	0.81	3922.26
MW - 9	11/03/06	3975.06	52.69	53.39	0.70	3922.27
MW - 9	11/09/06	3975.06	52.70	53.35	0.65	3922.26
MW - 9	11/16/06	3975.06	52.70	53.35	0.65	3922.26
MW - 9	11/22/06	3975.06	52.71	53.29	0.58	3922.26
MW - 9	12/04/06	3975.06	52.66	53.45	0.79	3922.28
MW - 9	12/08/06	3975.06	52.65	53.55	0.90	3922.28
MW - 9	12/15/06	3975.06	52.67	53.32	0.65	3922.29
MW - 9	01/05/07	3975.06	52.61	53.62	1.01	3922.30
MW - 9	01/12/07	3975.06	52.66	53.37	0.71	3922.29
MW - 9	01/18/07	3975.06	52.68	53.30	0.62	3922.29
MW - 9	01/24/07	3975.06	52.69	53.28	0.59	3922.28
MW - 9	01/29/07	3975.06	52.67	53.20	0.53	3922.31
MW - 9	02/09/07	3975.06	52.63	53.36	0.73	3922.32
MW - 9	02/16/07	3975.06	52.65	53.34	0.69	3922.31
MW - 9	02/23/07	3975.06	52.63	53.29	0.66	3922.33
MW - 9	03/02/07	3975.06	52.62	53.45	0.83	3922.32
MW - 9	03/14/07	3975.06	52.66	53.09	0.43	3922.34
MW - 9	03/26/07	3975.06	52.63	53.26	0.63	3922.34
MW - 9	04/03/07	3975.06	52.60	53.38	0.78	3922.34
MW - 9	04/09/07	3975.06	52.61	53.27	0.66	3922.35
MW - 9	04/26/07	3975.06	52.58	53.44	0.86	3922.35
MW - 9	04/30/07	3975.06	52.22	53.26	1.04	3922.68
MW - 9	05/11/07	3975.06	52.59	53.65	1.06	3922.31
MW - 9	05/16/07	3975.06	52.64	53.11	0.47	3922.35
MW - 9	05/22/07	3975.06	52.64	53.14	0.50	3922.35
MW - 9	05/29/07	3975.06	52.61	53.16	0.55	3922.37
MW - 9	06/01/07	3975.06	52.59	53.23	0.64	3922.37
MW - 9	06/08/07	3975.06	52.61	53.20	0.59	3922.36
MW - 9	06/11/07	3975.06	52.65	53.01	0.36	3922.36
MW - 9	06/20/07	3975.06	52.60	53.23	0.63	3922.37
MW - 9	07/10/07	3975.06	52.56	53.35	0.79	3922.38
MW - 9	07/20/07	3975.06	52.56	53.33	0.77	3922.38
MW - 9	07/25/07	3975.06	52.69	53.16	0.47	3922.30
MW - 9	08/01/07	3975.06	52.58	53.14	0.56	3922.40
MW - 9	08/10/07	3975.06	52.29	53.16	0.87	3922.64

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	08/15/07	3975.06	52.60	53.05	0.45	3922.39
MW - 9	08/30/07	3975.06	52.56	53.26	0.70	3922.40
MW - 9	08/31/07	3975.06	52.56	53.26	0.70	3922.40
MW - 9	09/10/07	3975.06	52.53	53.34	0.81	3922.41
MW - 9	09/19/07	3975.06	52.53	53.30	0.77	3922.41
MW - 9	09/27/07	3975.06	52.55	53.15	0.60	3922.42
MW - 9	10/01/07	3975.06	52.58	52.99	0.41	3922.42
MW - 9	10/19/07	3975.06	52.50	53.35	0.85	3922.43
MW - 9	10/26/07	3975.06	52.53	53.15	0.62	3922.44
MW - 9	11/12/07	3975.06	52.73	53.16	0.43	3922.27
MW - 9	11/16/07	3975.06	52.62	52.83	0.21	3922.41
MW - 9	11/29/07	3975.06	52.66	53.01	0.35	3922.35
MW - 9	12/13/07	3975.06	52.51	53.20	0.69	3922.45
MW - 9	01/10/08	3975.06	52.49	53.18	0.69	3922.47
MW - 9	01/17/08	3975.06	52.50	53.13	0.63	3922.47
MW - 9	01/22/08	3975.06	52.49	53.12	0.63	3922.48
MW - 9	2/6/2008 #1	3975.06	52.53	52.97	0.44	3922.46
MW - 9	02/06/08 #2	3975.06	52.50	52.66	0.16	3922.54
MW - 9	2/12/08 #1	3975.06	52.54	52.90	0.36	3922.47
MW - 9	2/12/08 #2	3975.06	52.60	52.63	0.03	3922.46
MW - 9	2/20/08 #1	3975.06	52.52	52.93	0.41	3922.48
MW - 9	2/20/08 #2	3975.06	52.58	52.68	0.10	3922.47
MW - 9	2/27/08 #1	3975.06	52.52	52.91	0.39	3922.48
MW - 9	2/27/08 #2	3975.06	52.57	52.66	0.09	3922.48
MW - 9	03/07/08	3975.06	52.52	53.00	0.48	3922.47
MW - 9	3/12/08 #1	3975.06	52.52	53.00	0.48	3922.47
MW - 9	3/12/08 #2	3975.06	52.56	52.66	0.10	3922.49
MW - 9	3/20/08 #1	3975.06	52.50	52.92	0.42	3922.50
MW - 9	3/20/08#2	3975.06	52.54	52.70	0.16	3922.50
MW - 9	3/23/08 #1	3975.06	52.49	52.89	0.40	3922.51
MW - 9	3/23/08 #2	3975.06	52.55	52.63	0.08	3922.50
MW - 9	4/2/08 #1	3975.06	52.51	52.86	0.35	3922.50
MW - 9	4/2/08 #2	3975.06	52.54	52.68	0.14	3922.50
MW - 9	4/9/08 #1	3975.06	52.48	52.87	0.39	3922.52
MW - 9	4/9/08 #2	3975.06	52.53	52.72	0.19	3922.50
MW - 9	04/16/08	3975.06	52.48	52.89	0.41	3922.52
MW - 9	04/23/08	3975.06	52.49	52.86	0.37	3922.51
MW - 9	04/30/08	3975.06	52.47	52.90	0.43	3922.53
MW - 9	05/29/08	3975.06	52.48	52.85	0.37	3922.52
MW - 9	06/02/08	3975.06	52.48	52.77	0.29	3922.54
MW - 9	06/03/08	3975.06	52.48	52.77	0.29	3922.54
MW - 9	06/11/08	3975.06	52.47	52.87	0.40	3922.53
MW - 9	06/18/08	3975.06	52.47	52.89	0.42	3922.53

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	06/23/08	3975.06	52.49	52.78	0.29	3922.53
MW - 9	07/01/08	3975.06	52.48	52.86	0.38	3922.52
MW - 9	07/09/08	3975.06	52.59	52.86	0.27	3922.43
MW - 9	07/15/08	3975.06	52.48	52.80	0.32	3922.53
MW - 9	07/22/08	3975.06	52.47	52.85	0.38	3922.53
MW - 9	08/02/08	3975.06	52.46	52.90	0.44	3922.53
MW - 9	08/13/08	3975.06	52.45	52.88	0.43	3922.55
MW - 9	09/03/08	3975.06	52.42	52.98	0.56	3922.56
MW - 9	09/11/08	3975.06	52.46	52.85	0.39	3922.54
MW - 9	09/19/08	3975.06	52.44	52.82	0.38	3922.56
MW - 9	09/26/08	3975.06	52.46	52.81	0.35	3922.55
MW - 9	10/10/08	3975.06	52.44	52.81	0.37	3922.56
MW - 9	10/17/08	3975.06	52.47	52.78	0.31	3922.54
MW - 9	10/21/08	3975.06	52.46	52.70	0.24	3922.56
MW - 9	10/30/08	3975.06	52.45	52.78	0.33	3922.56
MW - 9	11/04/08	3975.06	52.46	52.75	0.29	3922.56
MW - 9	11/18/08	3975.06	52.46	52.84	0.38	3922.54
MW - 9	11/25/08	3975.06	52.46	52.76	0.30	3922.56
MW - 9	12/10/08	3975.06	52.42	52.84	0.42	3922.58
MW - 9	12/18/08	3975.06	52.43	52.80	0.37	3922.57
MW - 9	01/06/09	3975.06	52.43	52.89	0.46	3922.56
MW - 9	01/14/09	3975.06	52.45	52.89	0.44	3922.54
MW - 9	01/21/09	3975.06	47.11	47.60	0.49	3927.88
MW - 9	01/22/09	3975.06	52.42	52.75	0.33	3922.59
MW - 9	01/30/09	3975.06	52.43	52.76	0.33	3922.58
MW - 9	02/03/09	3975.06	52.44	52.69	0.25	3922.58
MW - 9	02/12/09	3975.06	52.43	52.79	0.36	3922.58
MW - 9	02/19/09	3975.06	52.44	52.82	0.38	3922.56
MW - 9	03/04/09	3975.06	52.49	52.89	0.40	3922.51
MW - 9	03/06/09	3975.06	52.40	52.84	0.44	3922.59
MW - 9	03/11/09	3975.06	52.44	52.78	0.34	3922.57
MW - 9	03/16/09	3975.06	52.53	52.92	0.39	3922.47
MW - 9	03/19/09	3975.06	52.43	52.74	0.31	3922.58
MW - 9	03/24/09	3975.06	52.39	52.74	0.35	3922.62
MW - 9	04/03/09	3975.06	52.73	52.82	0.09	3922.32
MW - 9	04/15/09	3975.06	52.40	52.75	0.35	3922.61
MW - 9	04/17/09	3975.06	52.43	52.61	0.18	3922.60
MW - 9	04/22/09	3975.06	52.38	52.81	0.43	3922.62
MW - 9	04/29/09	3975.06	52.39	52.74	0.35	3922.62
MW - 9	05/20/09	3975.06	52.39	52.76	0.37	3922.61
MW - 9	05/20/09	3975.06	52.39	52.76	0.37	3922.61
MW - 9	06/09/09	3975.06	52.38	52.78	0.40	3922.62
MW - 9	06/17/09	3975.06	52.40	52.22	-0.18	3922.69

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	06/23/09	3975.06	52.36	52.83	0.47	3922.63
MW - 9	07/01/09	3975.06	52.39	52.25	-0.14	3922.69
MW - 9	07/08/09	3975.06	52.40	52.68	0.28	3922.62
MW - 9	07/15/09	3975.06	52.38	52.66	0.28	3922.64
MW - 9	07/17/09	3975.06	52.41	52.63	0.22	3922.62
MW - 9	07/23/09	3975.06	52.41	52.66	0.25	3922.61
MW - 9	07/24/09	3975.06	52.46	52.56	0.10	3922.59
MW - 9	07/30/09	3975.06	52.41	52.65	0.24	3922.61
MW - 9	08/04/09	3975.06	52.04	52.62	0.58	3922.93
MW - 9	08/12/09	3975.06	52.40	52.69	0.29	3922.62
MW - 9	08/20/09	3975.06	52.38	52.74	0.36	3922.63
MW - 9	08/26/09	3975.06	52.31	52.83	0.52	3922.67
MW - 9	09/02/09	3975.06	52.40	52.69	0.29	3922.62
MW - 9	09/09/09	3975.06	52.39	52.72	0.33	3922.62
MW - 9	09/14/09	3975.06	52.40	52.65	0.25	3922.62
MW - 9	09/21/09	3975.06	52.39	52.69	0.30	3922.63
MW - 9	10/01/09	3975.06	52.41	52.72	0.31	3922.60
MW - 9	10/08/09	3975.06	52.43	52.76	0.33	3922.58
MW - 9	10/14/09	3975.06	52.39	52.68	0.29	3922.63
MW - 9	10/21/09	3975.06	52.37	52.73	0.36	3922.64
MW - 9	10/28/09	3975.06	52.38	52.67	0.29	3922.64
MW - 9	11/04/09	3975.06	52.39	52.64	0.25	3922.63
MW - 9	11/11/09	3975.06	52.38	52.63	0.25	3922.64
MW - 9	11/18/09	3975.06	52.38	52.65	0.27	3922.64
MW - 9	11/25/09	3975.06	52.39	52.64	0.25	3922.63
MW - 9	12/02/09	3975.06	52.39	52.68	0.29	3922.63
MW - 9	12/10/09	3975.06	52.39	52.65	0.26	3922.63
MW - 9	12/17/09	3975.06	52.45	52.63	0.18	3922.58
MW - 9	12/21/09	3975.06	52.41	52.65	0.24	3922.61
MW - 9	12/30/09	3975.06	52.45	52.73	0.28	3922.57
MW - 9	01/07/10	3975.06	52.39	52.61	0.22	3922.64
MW - 9	01/18/10	3975.06	52.36	52.69	0.33	3922.65
MW - 9	02/02/10	3975.06	52.36	52.70	0.34	3922.65
MW - 9	02/11/10	3975.06	52.35	52.62	0.27	3922.67
MW - 9	02/18/10	3975.06	52.34	52.66	0.32	3922.67
MW - 9	02/25/10	3975.06	52.44	52.70	0.26	3922.58
MW - 9	03/02/10	3975.06	52.45	52.68	0.23	3922.58
MW - 9	03/04/10	3975.06	52.34	52.58	0.24	3922.68
MW - 9	03/10/10	3975.06	52.36	52.60	0.24	3922.66
MW - 9	03/12/10	3975.06	52.48	52.64	0.16	3922.56
MW - 9	03/15/10	3975.06	52.38	52.58	0.20	3922.65
MW - 9	03/18/10	3975.06	52.37	52.56	0.19	3922.66
MW - 9	03/22/10	3975.06	52.43	52.64	0.21	3922.60

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	03/24/10	3975.06	52.47	52.60	0.13	3922.57
MW - 9	03/30/10	3975.06	52.44	52.64	0.20	3922.59
MW - 9	04/07/10	3975.06	52.45	52.71	0.26	3922.57
MW - 9	04/12/10	3975.06	52.34	52.52	0.18	3922.69
MW - 9	04/16/10	3975.06	52.51	52.69	0.18	3922.52
MW - 9	04/20/10	3975.06	52.41	52.53	0.12	3922.63
MW - 9	04/27/10	3975.06	52.41	52.50	0.09	3922.64
MW - 9	04/30/10	3975.06	52.39	52.49	0.10	3922.66
MW - 9	05/12/10	3975.06	52.27	52.33	0.06	3922.78
MW - 9	05/14/10	3975.06	52.41	52.51	0.10	3922.64
MW - 9	05/17/10	3975.06	52.38	52.42	0.04	3922.67
MW - 9	05/20/10	3975.06	52.29	52.32	0.03	3922.77
MW - 9	05/25/10	3975.06	52.27	52.34	0.07	3922.78
MW - 9	06/01/10	3975.06	52.28	52.33	0.05	3922.77
MW - 9	06/09/10	3975.06	52.30	52.34	0.04	3922.75
MW - 9	06/16/10	3975.06	52.40	52.50	0.10	3922.65
MW - 9	06/28/10	3975.06	52.39	52.49	0.10	3922.66
MW - 9	07/09/10	3975.06	52.42	52.50	0.08	3922.63
MW - 9	07/14/10	3975.06	52.34	52.50	0.16	3922.70
MW - 9	07/23/10	3975.06	52.35	52.51	0.16	3922.69
MW - 9	07/29/10	3975.06	52.35	52.52	0.17	3922.68
MW - 9	08/05/10	3975.06	52.35	52.60	0.25	3922.67
MW - 9	08/12/10	3975.06	52.35	52.54	0.19	3922.68
MW - 9	08/16/10	3975.06	52.35	52.54	0.19	3922.68
MW - 9	08/18/10	3975.06	52.35	52.54	0.19	3922.68
MW - 9	08/25/10	3975.06	52.41	52.63	0.22	3922.62
MW - 9	09/02/10	3975.06	52.35	52.51	0.16	3922.69
MW - 9	09/08/10	3975.06	52.37	52.52	0.15	3922.67
MW - 9	09/30/10	3975.06	52.35	52.53	0.18	3922.68
MW - 9	10/07/10	3975.06	52.36	52.52	0.16	3922.68
MW - 9	10/14/10	3975.06	52.37	52.54	0.17	3922.66
MW - 9	10/21/10	3975.06	52.39	52.52	0.13	3922.65
MW - 9	11/04/10	3975.06	52.35	52.53	0.18	3922.68
MW - 9	11/10/10	3975.06	52.41	52.49	0.08	3922.64
MW - 9	12/01/10	3975.06	52.31	52.56	0.25	3922.71
MW - 9	12/08/10	3975.06	52.39	52.54	0.15	3922.65
MW - 9	01/26/11	3975.06	52.31	52.64	0.33	3922.70
MW - 9	02/28/11	3975.06	52.40	52.53	0.13	3922.64
MW - 9	03/04/11	3975.06	52.28	52.54	0.26	3922.74
MW - 9	03/09/11	3975.06	52.32	52.54	0.22	3922.71
MW - 9	04/28/11	3975.06	52.27	52.51	0.24	3922.75
MW - 9	05/04/11	3975.06	52.21	52.51	0.30	3922.81
MW - 9	05/11/11	3975.06	52.34	52.54	0.20	3922.69

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	05/12/11	3975.06	52.25	52.48	0.23	3922.78
MW - 9	05/18/11	3975.06	52.23	52.41	0.18	3922.80
MW - 9	05/23/11	3975.06	52.20	52.48	0.28	3922.82
MW - 9	06/08/11	3975.06	52.41	52.73	0.32	3922.60
MW - 9	06/16/11	3975.06	52.32	52.62	0.30	3922.70
MW - 9	06/22/11	3975.06	52.21	52.54	0.33	3922.80
MW - 9	06/30/11	3975.06	52.39	52.65	0.26	3922.63
MW - 9	07/06/11	3975.06	52.34	52.52	0.18	3922.69
MW - 9	07/13/11	3975.06	52.36	52.59	0.23	3922.67
MW - 9	07/15/11	3975.06	52.35	52.58	0.23	3922.68
MW - 9	07/19/11	3975.06	52.34	52.54	0.20	3922.69
MW - 9	07/21/11	3975.06	52.33	52.43	0.10	3922.72
MW - 9	07/26/11	3975.06	52.35	52.49	0.14	3922.69
MW - 9	07/28/11	3975.06	52.30	52.46	0.16	3922.74
MW - 9	08/02/11	3975.06	52.34	52.65	0.31	3922.67
MW - 9	08/09/11	3975.06	52.30	52.47	0.17	3922.73
MW - 9	08/12/11	3975.06	52.36	52.52	0.16	3922.68
MW - 9	08/15/11	3975.06	52.33	52.52	0.19	3922.70
MW - 9	08/16/11	3975.06	52.37	52.54	0.17	3922.66
MW - 9	08/19/11	3975.06	52.37	52.48	0.11	3922.67
MW - 9	08/23/11	3975.06	52.33	52.45	0.12	3922.71
MW - 9	08/26/11	3975.06	52.35	52.56	0.21	3922.68
MW - 9	08/30/11	3975.06	52.21	52.47	0.26	3922.81
MW - 9	09/01/11	3975.06	52.40	52.47	0.07	3922.65
MW - 9	09/08/11	3975.06	-	52.45	0.00	3922.61
MW - 9	09/13/11	3975.06	-	52.36	0.00	3922.70
MW - 9	09/15/11	3975.06	-	52.53	0.00	3922.53
MW - 9	09/22/11	3975.06	-	52.37	0.00	3922.69
MW - 9	10/06/11	3975.06	-	52.46	0.00	3922.60
MW - 9	10/11/11	3975.06	-	52.46	0.00	3922.60
MW - 9	10/13/11	3975.06	-	52.48	0.00	3922.58
MW - 9	10/26/11	3975.06	-	52.51	0.00	3922.55
MW - 9	11/22/11	3975.06	52.51	52.55	0.04	3922.54
MW - 9	12/02/11	3975.06	-	52.49	0.00	3922.57
MW - 9	12/29/11	3975.06	-	52.45	0.00	3922.61
MW - 9	01/26/12	3975.06	52.42	52.45	0.03	3922.64
MW - 9	01/31/12	3975.06	-	52.35	0.00	3922.71
MW - 9	02/15/12	3975.06	52.40	52.42	0.02	3922.66
MW - 9	02/28/12	3975.06	52.38	52.39	0.01	3922.68
MW - 9	03/20/12	3975.06	52.35	52.47	0.12	3922.69
MW - 9	03/27/12	3975.06	52.35	52.51	0.16	3922.69
MW - 9	04/10/12	3975.06	52.38	52.57	0.19	3922.65
MW - 9	04/19/12	3975.06	52.34	52.52	0.18	3922.69

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	04/26/12	3975.06	52.37	52.51	0.14	3922.67
MW - 9	05/08/12	3975.06	52.37	52.51	0.14	3922.67
MW - 9	05/15/12	3975.06	52.38	52.61	0.23	3922.65
MW - 9	05/17/12	3975.06	52.37	52.60	0.23	3922.66
MW - 9	06/05/12	3975.06	52.36	52.61	0.25	3922.66
MW - 9	06/21/12	3975.06	52.36	52.72	0.36	3922.65
MW - 9	06/28/12	3975.06	52.34	52.78	0.44	3922.65
MW - 9	07/17/12	3975.06	52.43	52.76	0.33	3922.58
MW - 9	08/01/12	3975.06	52.49	52.72	0.23	3922.54
MW - 9	10/02/12	3975.06	52.52	52.96	0.44	3922.47
MW - 9	10/09/12	3975.06	52.38	52.60	0.22	3922.65
MW - 9	10/16/12	3975.06	52.52	52.83	0.31	3922.49
MW - 9	10/25/12	3975.06	52.51	52.93	0.42	3922.49
MW - 9	10/30/12	3975.06	52.51	52.92	0.41	3922.49
MW - 9	11/29/12	3975.06	52.44	52.95	0.51	3922.54
MW - 9	12/14/12	3975.06	52.48	52.92	0.44	3922.51
MW - 9	02/11/13	3975.06	52.46	52.98	0.52	3922.52
MW - 9	04/11/13	3975.06	52.52	52.85	0.33	3922.49
MW - 9	04/15/13	3975.06	52.39	52.66	0.27	3922.63
MW - 9	04/22/13	3975.06	52.51	52.79	0.28	3922.51
MW - 9	05/06/13	3975.06	52.53	52.90	0.37	3922.47
MW - 9	05/09/13	3975.06	52.53	52.93	0.40	3922.47
MW - 9	05/20/13	3975.06	52.53	52.99	0.46	3922.46
MW - 9	05/24/13	3975.06	52.61	53.07	0.46	3922.38
MW - 9	05/29/13	3975.06	52.47	52.54	0.07	3922.58
MW - 9	05/31/13	3975.06	52.49	52.75	0.26	3922.53
MW - 9	06/07/13	3975.06	52.45	52.73	0.28	3922.57
MW - 9	06/12/13	3975.06	52.43	52.69	0.26	3922.59
MW - 9	06/14/13	3975.06	52.44	52.70	0.26	3922.58
MW - 9	06/19/13	3975.06	52.43	52.58	0.15	3922.61
MW - 9	06/21/13	3975.06	52.47	52.61	0.14	3922.57
MW - 9	06/25/13	3975.06	52.43	52.63	0.20	3922.60
MW - 9	06/26/13	3975.06	52.57	52.75	0.18	3922.46
MW - 9	07/03/13	3975.06	52.62	52.92	0.30	3922.40
MW - 9	07/09/13	3975.06	52.69	53.05	0.36	3922.32
MW - 9	07/11/13	3975.06	52.52	52.84	0.32	3922.49
MW - 9	07/24/13	3975.06	52.47	52.83	0.36	3922.54
MW - 9	07/26/13	3975.06	52.45	52.78	0.33	3922.56
MW - 9	07/31/13	3975.06	52.45	52.81	0.36	3922.56
MW - 9	08/02/13	3975.06	52.48	52.85	0.37	3922.52
MW - 9	08/06/13	3975.06	52.49	52.87	0.38	3922.51
MW - 9	08/14/13	3975.06	52.45	52.86	0.41	3922.55
MW - 9	08/21/13	3975.06	52.50	52.94	0.44	3922.49

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	08/26/13	3975.06	52.53	52.95	0.42	3922.47
MW - 9	09/06/13	3975.06	52.60	53.03	0.43	3922.40
MW - 9	08/30/13	3975.06	52.50	52.87	0.37	3922.50
MW - 9	09/13/13	3975.06	52.62	52.91	0.29	3922.40
MW - 9	09/27/13	3975.06	52.58	53.00	0.42	3922.42
MW - 9	09/30/13	3975.06	52.55	52.95	0.40	3922.45
MW - 9	10/02/13	3975.06	52.53	52.93	0.40	3922.47
MW - 9	10/03/13	3975.06	52.52	52.92	0.40	3922.48
MW - 9	10/11/13	3975.06	52.62	52.98	0.36	3922.39
MW - 9	10/17/13	3975.06	52.64	52.97	0.33	3922.37
MW - 9	10/22/13	3975.06	52.65	52.95	0.30	3922.37
MW - 9	10/24/13	3975.06	52.70	52.91	0.21	3922.33
MW - 9	10/30/13	3975.06	52.66	52.94	0.28	3922.36
MW - 9	11/01/13	3975.06	52.64	52.87	0.23	3922.39
MW - 9	11/04/13	3975.06	52.66	52.98	0.32	3922.35
MW - 9	11/08/13	3975.06	52.65	53.00	0.35	3922.36
MW - 9	11/13/13	3975.06	52.63	53.01	0.38	3922.37
MW - 9	11/15/13	3975.06	52.63	53.03	0.40	3922.37
MW - 9	11/18/13	3975.06	52.65	53.15	0.50	3922.34
MW - 9	12/12/13	3975.06	52.65	53.23	0.58	3922.32
MW - 9	12/16/13	3975.06	52.64	53.25	0.61	3922.33
MW - 9	12/18/13	3975.06	52.66	53.21	0.55	3922.32
MW - 9	12/23/13	3975.06	52.60	53.05	0.45	3922.39
MW - 9	12/30/13	3975.06	52.60	52.95	0.35	3922.41
MW - 9	01/09/15	3974.60	-	52.68	0.00	3921.92
MW - 9	01/06/14	3975.06	52.62	53.02	0.40	3922.38
MW - 9	01/15/14	3975.06	52.63	53.09	0.46	3922.36
MW - 9	01/17/14	3975.06	52.62	53.05	0.43	3922.38
MW - 9	01/20/14	3975.06	52.63	52.96	0.33	3922.38
MW - 9	01/22/14	3975.06	52.77	52.90	0.13	3922.27
MW - 9	01/29/14	3975.06	52.66	53.17	0.51	3922.32
MW - 9	02/04/14	3975.06	52.64	53.11	0.47	3922.35
MW - 9	02/13/14	3975.06	52.65	53.20	0.55	3922.33
MW - 9	02/21/14	3975.06	52.59	53.05	0.46	3922.40
MW - 9	02/26/14	3975.06	52.61	55.16	2.55	3922.07
MW - 9	03/12/14	3975.06	52.58	53.10	0.52	3922.40
MW - 9	03/14/14	3975.06	52.56	53.05	0.49	3922.43
MW - 9	03/17/14	3975.06	52.56	53.08	0.52	3922.42
MW - 9	03/24/14	3975.06	52.56	52.94	0.38	3922.44
MW - 9	03/26/14	3975.06	52.60	52.91	0.31	3922.41
MW - 9	04/09/14	3975.06	52.63	53.02	0.39	3922.37
MW - 9	04/18/14	3975.06	52.65	53.00	0.35	3922.36
MW - 9	04/21/14	3975.06	52.65	52.99	0.34	3922.36

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	04/28/14	3975.06	52.65	53.03	0.38	3922.35
MW - 9	05/09/14	3975.06	52.67	53.15	0.48	3922.32
MW - 9	05/12/14	3975.06	52.64	52.95	0.31	3922.37
MW - 9	05/19/14	3975.06	52.62	52.98	0.36	3922.39
MW - 9	05/28/14	3975.06	52.69	52.90	0.21	3922.34
MW - 9	06/04/14	3975.06	52.66	52.81	0.15	3922.38
MW - 9	06/13/14	3975.06	52.63	52.85	0.22	3922.40
MW - 9	06/16/14	3975.06	52.69	52.90	0.21	3922.34
MW - 9	07/02/14	3975.06	52.70	53.11	0.41	3922.30
MW - 9	07/07/14	3975.06	52.73	53.04	0.31	3922.28
MW - 9	07/18/14	3975.06	52.73	53.10	0.37	3922.27
MW - 9	07/30/14	3975.06	52.69	53.13	0.44	3922.30
MW - 9	08/11/14	3975.06	52.70	53.20	0.50	3922.29
MW - 9	08/22/14	3975.06	52.74	53.33	0.59	3922.23
MW - 9	08/23/14	3975.06	52.74	53.33	0.59	3922.23
MW - 9	09/10/14	3975.06	52.79	53.45	0.66	3922.17
MW - 9	09/23/14	3975.06	52.83	53.29	0.46	3922.16
MW - 9	09/25/14	3975.06	52.98	53.35	0.37	3922.02
MW - 9	10/03/14	3975.06	52.76	53.28	0.52	3922.22
MW - 9	10/15/14	3975.06	52.79	53.44	0.65	3922.17
MW - 9	10/17/14	3975.06	52.79	53.40	0.61	3922.18
MW - 9	10/24/14	3975.06	52.77	53.02	0.25	3922.25
MW - 9	10/27/14	3975.06	52.74	53.00	0.26	3922.28
MW - 9	10/31/14	3975.06	52.76	53.14	0.38	3922.24
MW - 9	11/03/14	3975.06	52.58	53.21	0.63	3922.39
MW - 9	11/10/14	3975.06	52.75	53.11	0.36	3922.26
MW - 9	11/14/14	3975.06	52.77	53.04	0.27	3922.25
MW - 9	11/17/14	3975.06	52.90	53.03	0.13	3922.14
MW - 9	11/18/14	3975.06	52.90	53.03	0.13	3922.14
MW - 9	11/21/14	3975.06	52.82	53.03	0.21	3922.21
MW - 9	12/03/14	3975.06	52.78	53.17	0.39	3922.22
MW - 9	12/05/14	3975.06	52.81	53.03	0.22	3922.22
MW - 9	12/12/14	3975.06	52.83	53.05	0.22	3922.20
MW - 9	12/15/14	3975.06	52.83	53.05	0.22	3922.20
MW - 9	12/19/14	3975.06	52.80	53.03	0.23	3922.23
MW - 9	12/22/14	3975.06	52.78	53.01	0.23	3922.25
MW - 9	01/05/15	3975.06	52.74	52.97	0.23	3922.29
MW - 9	01/09/15	3975.06	52.73	53.23	0.50	3922.26
MW - 9	01/14/15	3975.06	52.72	53.28	0.56	3922.26
MW - 9	01/21/15	3975.06	52.71	52.96	0.25	3922.31
MW - 9	02/18/15	3975.06	52.72	53.00	0.28	3922.30
MW - 9	02/19/15	3975.06	52.73	53.06	0.33	3922.28
MW - 9	03/09/15	3975.06	52.73	52.98	0.25	3922.29

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	03/11/15	3975.06	52.70	53.26	0.56	3922.28
MW - 9	03/18/15	3975.06	52.76	53.08	0.32	3922.25
MW - 9	03/31/15	3975.06	52.74	52.97	0.23	3922.29
MW - 9	04/09/15	3975.06	52.63	53.28	0.65	3922.33
MW - 9	04/15/15	3975.06	52.66	53.31	0.65	3922.30
MW - 9	04/22/15	3975.06	52.66	53.34	0.68	3922.30
MW - 9	05/12/15	3975.06	52.70	53.23	0.53	3922.28
MW - 9	05/26/15	3975.06	52.74	52.94	0.20	3922.29
MW - 9	06/01/15	3975.06	52.69	53.24	0.55	3922.29
MW - 9	06/04/15	3975.06	52.71	53.26	0.55	3922.27
MW - 9	06/22/15	3975.06	52.64	53.26	0.62	3922.33
MW - 9	06/26/15	3975.06	52.73	53.36	0.63	3922.24
MW - 9	07/22/15	3975.06	52.57	53.09	0.52	3922.41
MW - 9	07/27/15	3975.06	52.71	53.08	0.37	3922.29
MW - 9	08/18/15	3975.06	52.01	53.05	1.04	3922.89
MW - 9	09/09/15	3975.06	52.73	53.29	0.56	3922.25
MW - 9	10/08/15	3975.06	52.73	53.08	0.35	3922.28
MW - 9	09/30/15	3975.06	52.81	53.35	0.54	3922.17
MW - 9	10/16/15	3975.06	52.85	53.29	0.44	3922.14
MW - 9	10/21/15	3975.06	52.75	53.40	0.65	3922.21
MW - 9	11/18/15	3975.06	52.75	53.15	0.40	3922.25
MW - 9	11/23/15	3975.06	52.78	52.99	0.21	3922.25
MW - 9	12/04/15	3975.06	52.75	53.18	0.43	3922.25
MW - 9	12/09/15	3975.06	52.85	53.26	0.41	3922.15
MW - 9	01/12/16	3975.06	52.81	53.35	0.54	3922.17
MW - 9	01/22/16	3975.06	52.74	53.25	0.51	3922.24
MW - 9	01/25/16	3975.06	52.84	53.07	0.23	3922.19
MW - 9	02/12/16	3975.06	52.85	53.08	0.23	3922.18
MW - 9	02/17/16	3975.06	52.78	53.19	0.41	3922.22
MW - 9	02/24/16	3975.06	52.78	53.00	0.22	3922.25
MW - 9	03/09/16	3975.06	52.70	53.01	0.31	3922.31
MW - 9	03/30/16	3975.06	52.24	53.08	0.84	3922.69
MW - 9	04/13/16	3975.06	52.70	52.81	0.11	3922.34
MW - 9	04/27/16	3975.06	52.82	53.02	0.20	3922.21
MW - 9	05/11/16	3975.06	52.92	53.00	0.08	3922.13
MW - 9	06/03/16	3975.06	52.90	53.13	0.23	3922.13
MW - 9	07/01/16	3975.06	52.82	53.08	0.26	3922.20
MW - 9	07/08/16	3975.06	52.84	53.15	0.31	3922.17
MW - 9	07/12/16	3975.06	52.19	52.57	0.38	3922.81
MW - 9	07/18/16	3975.06	52.83	53.10	0.27	3922.19
MW - 9	08/02/16	3975.06	52.85	53.05	0.20	3922.18
MW - 9	08/12/16	3975.06	52.85	53.28	0.43	3922.15
MW - 9	08/17/16	3975.06	52.81	53.26	0.45	3922.18

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	09/21/16	3975.06	52.82	53.39	0.57	3922.15
MW - 9	10/21/16	3975.06	52.73	52.74	0.01	3922.33
MW - 9	10/24/16	3975.06	52.88	52.89	0.01	3922.18
MW - 9	10/26/16	3975.06	52.85	53.13	0.28	3922.17
MW - 9	10/31/16	3975.06	52.85	52.86	0.01	3922.21
MW - 9	11/21/16	3975.06	52.92	53.28	0.36	3922.09
MW - 9	11/28/16	3975.06	52.80	53.35	0.55	3922.18
MW - 9	12/07/16	3975.06	52.83	53.46	0.63	3922.14
MW - 9	12/14/16	3975.06	52.90	53.40	0.50	3922.09
MW - 9	12/21/16	3975.06	52.82	53.20	0.38	3922.18
MW - 9	01/04/17	3975.06	52.80	53.32	0.52	3922.18
MW - 9	01/12/17	3975.06	52.81	53.34	0.53	3922.17
MW - 9	01/26/17	3975.06	52.83	53.45	0.62	3922.14
MW - 9	02/07/17	3975.06	52.77	53.46	0.69	3922.19
MW - 9	02/21/17	3975.06	52.76	53.48	0.72	3922.19
MW - 9	02/23/17	3975.06	52.75	53.46	0.71	3922.20
MW - 9	03/08/17	3975.06	52.76	53.38	0.62	3922.21
MW - 9	04/07/17	3975.06	52.72	53.51	0.79	3922.22
MW - 9	04/18/17	3975.06	52.73	53.55	0.82	3922.21
MW - 9	05/10/17	3975.06	52.76	53.63	0.87	3922.17
MW - 9	05/24/17	3975.06	52.73	53.58	0.85	3922.20
MW - 9	06/02/17	3975.06	52.71	53.58	0.87	3922.22
MW - 9	07/12/17	3975.06	52.72	53.59	0.87	3922.21
MW - 9	07/19/17	3975.06	52.73	53.59	0.86	3922.20
MW - 9	07/27/17	3975.06	52.73	53.61	0.88	3922.20
MW - 9	08/11/17	3975.06	52.72	53.57	0.85	3922.21
MW - 9	08/24/17	3975.06	52.79	53.73	0.94	3922.13
MW - 9	09/05/17	3975.06	52.82	53.78	0.96	3922.10
MW - 9	10/18/17	3975.06	52.82	53.71	0.89	3922.11
MW - 9	10/25/17	3975.06	52.86	53.49	0.63	3922.11
MW - 9	11/01/17	3975.06	52.85	53.31	0.46	3922.14
MW - 9	11/08/17	3975.06	52.88	53.44	0.56	3922.10
MW - 9	11/28/17	3975.06	52.88	53.54	0.66	3922.08
MW - 9	12/19/17	3975.06	52.85	53.63	0.78	3922.09
MW - 9	01/16/18	3975.06	52.87	53.62	0.75	3922.08
MW - 9	01/30/18	3975.06	52.86	53.52	0.66	3922.10
MW - 9	02/06/18	3975.06	52.90	53.49	0.59	3922.07
MW - 9	02/13/18	3975.06	52.92	53.49	0.57	3922.05
MW - 9	02/26/18	3975.06	52.88	53.32	0.44	3922.11
MW - 9	04/03/18	3975.06	52.83	53.51	0.68	3922.13
MW - 9	04/17/18	3975.06	52.83	53.69	0.86	3922.10
MW - 9	05/07/18	3975.06	52.77	53.58	0.81	3922.17
MW - 9	06/21/18	3975.06	51.83	53.85	2.02	3922.93

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	06/26/18	3975.06	52.85	53.82	0.97	3922.06
MW - 9	07/12/18	3975.06	52.98	53.41	0.43	3922.02
MW - 9	07/17/18	3975.06	52.94	53.44	0.50	3922.05
MW - 9	08/01/18	3975.06	53.96	54.47	0.51	3921.02
MW - 9	08/09/18	3975.06	52.97	53.45	0.48	3922.02
MW - 9	08/23/18	3975.06	52.99	53.29	0.30	3922.03
MW - 9	08/30/18	3975.06	52.99	53.50	0.51	3921.99
MW - 9	08/31/18	3975.06	52.97	53.57	0.60	3922.00
MW - 9	09/11/18	3975.06	53.02	53.31	0.29	3922.00
MW - 9	09/19/18	3975.06	53.02	53.41	0.39	3921.98
MW - 9	10/16/18	3975.06	53.01	53.54	0.53	3921.97
MW - 9	11/01/18	3975.06	53.03	53.50	0.47	3921.96
MW - 9	11/05/18	3975.06	53.01	53.49	0.48	3921.98
MW - 9	11/14/18	3975.06	52.98	53.41	0.43	3922.02
MW - 9	12/04/18	3975.06	52.98	53.75	0.77	3921.96
MW - 9	12/06/18	3975.06	53.02	53.71	0.69	3921.94
MW - 9	12/18/18	3975.06	-	53.14	0.00	3921.92
MW - 9	12/20/18	3975.06	53.13	53.25	0.12	3921.91
MW - 9	12/26/18	3975.06	-	53.17	0.00	3921.89
MW - 9	01/08/19	3975.06	-	53.09	0.00	3921.97
MW - 9	01/10/19	3975.06	-	53.11	0.00	3921.95
MW - 9	01/15/19	3975.06	-	53.13	0.00	3921.93
MW - 9	01/24/19	3975.06	-	53.32	0.00	3921.74
MW - 9	02/11/19	3975.06	-	53.16	0.00	3921.90
MW - 9	02/18/19	3975.06	-	53.21	0.00	3921.85
MW - 9	04/16/19	3975.06	-	53.09	0.00	3921.97
MW - 9	04/23/19	3975.06	-	53.22	0.00	3921.84
MW - 9	04/30/19	3975.06	-	53.09	0.00	3921.97
MW - 9	05/07/19	3975.06	-	53.08	0.00	3921.98
MW - 9	05/09/19	3975.06	-	53.14	0.00	3921.92
MW - 9	05/14/19	3975.06	-	53.10	0.00	3921.96
MW - 9	06/04/19	3975.06	-	53.04	0.00	3922.02
MW - 9	06/11/19	3975.06	-	53.40	0.00	3921.66
MW - 9	06/13/19	3975.06	-	53.01	0.00	3922.05
MW - 9	06/17/19	3975.06	-	53.07	0.00	3921.99
MW - 9	07/01/19	3975.06	-	53.41	0.00	3921.65
MW - 9	07/02/19	3975.06	-	53.09	0.00	3921.97
MW - 9	08/19/19	3975.06	-	53.32	0.00	3921.74
MW - 9	08/29/19	3975.06	-	53.04	0.00	3922.02
MW - 9	09/03/19	3975.06	-	53.07	0.00	3921.99
MW - 9	09/10/19	3975.06	-	52.84	0.00	3922.22
MW - 9	10/01/19	3975.06	-	53.04	0.00	3922.02
MW - 9	10/22/19	3975.06	-	53.01	0.00	3922.05

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	11/11/19	3975.06	-	53.69	0.00	3921.37
MW - 9	11/15/19	3975.06	53.28	53.43	0.15	3921.76
MW - 9	01/08/20	3975.06	53.15	53.66	0.51	3921.83
MW - 9	02/18/20	3975.06	53.18	53.30	0.12	3921.86
MW - 9	05/05/20	3975.06	53.12	53.86	0.74	3921.83
MW - 9	06/11/20	3975.06	53.10	54.07	0.97	3921.81
MW - 9	09/23/20	3975.06	53.13	54.53	1.40	3921.72
MW - 9	12/04/20	3975.06	53.12	54.75	1.63	3921.70
MW - 9	03/23/21	3975.06	53.10	54.98	1.88	3921.68
MW - 9	06/04/21	3975.06	53.07	55.12	2.05	3921.68
MW - 9	08/12/21	3975.06	53.15	55.31	2.16	3921.59
MW - 9	09/30/21	3975.06	53.36	54.54	1.18	3921.52
MW - 9	12/09/21	3975.06	53.45	53.98	0.53	3921.53
MW - 10	03/02/00	3975.02	53.44	53.99	0.55	3921.50
MW - 10	04/25/00	3975.02	-	53.18	0.00	3921.84
MW - 10	09/06/00	3975.02	-	53.22	0.00	3921.80
MW - 10	11/28/00	3975.02	-	53.23	0.00	3921.79
MW - 10	02/21/01	3975.02	-	53.15	0.00	3921.87
MW - 10	05/31/01	3975.02	-	53.08	0.00	3921.94
MW - 10	08/23/01	3975.02	-	53.10	0.00	3921.92
MW - 10	11/21/01	3975.02	-	53.13	0.00	3921.89
MW - 10	02/13/02	3975.02	-	53.16	0.00	3921.86
MW - 10	06/12/02	3975.02	-	53.14	0.00	3921.88
MW - 10	08/26/02	3975.02	-	53.14	0.00	3921.88
MW - 10	11/21/02	3975.02	-	53.20	0.00	3921.82
MW - 10	02/05/03	3975.02	-	53.90	0.00	3921.12
MW - 10	05/07/03	3975.02	-	53.14	0.00	3921.88
MW - 10	08/18/03	3975.02	-	53.19	0.00	3921.83
MW - 10	12/01/03	3975.02	-	53.23	0.00	3921.79
MW - 10	02/05/04	3975.02	-	53.23	0.00	3921.79
MW - 10	05/05/04	3975.02	-	53.20	0.00	3921.82
MW - 10	09/01/04	3975.02	-	53.25	0.00	3921.77
MW - 10	12/15/04	3975.02	-	53.20	0.00	3921.82
MW - 10	03/22/05	3975.02	-	53.00	0.00	3922.02
MW - 10	06/22/05	3975.02	-	52.91	0.00	3922.11
MW - 10	09/21/05	3975.02	-	52.84	0.00	3922.18
MW - 10	12/16/05	3975.02	-	52.76	0.00	3922.26
MW - 10	03/20/06	3975.02	-	52.71	0.00	3922.31
MW - 10	06/21/06	3975.02	-	52.71	0.00	3922.31
MW - 10	09/27/06	3975.02	-	52.64	0.00	3922.38
MW - 10	12/04/06	3975.02	-	52.64	0.00	3922.38
MW - 10	03/14/07	3975.02	-	52.57	0.00	3922.45

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	05/29/07	3975.02	-	52.54	0.00	3922.48
MW - 10	08/30/07	3975.02	-	52.53	0.00	3922.49
MW - 10	11/12/07	3975.02	-	52.43	0.00	3922.59
MW - 10	03/07/08	3975.02	-	52.41	0.00	3922.61
MW - 10	06/02/08	3975.02	-	52.34	0.00	3922.68
MW - 10	09/03/08	3975.02	-	52.38	0.00	3922.64
MW - 10	12/08/08	3975.02	-	52.33	0.00	3922.69
MW - 10	02/19/09	3975.02	-	52.31	0.00	3922.71
MW - 10	05/20/09	3975.02	-	52.28	0.00	3922.74
MW - 10	08/12/09	3975.02	-	52.27	0.00	3922.75
MW - 10	11/25/09	3975.02	-	52.29	0.00	3922.73
MW - 10	01/07/10	3975.02	-	52.25	0.00	3922.77
MW - 10	02/11/10	3975.02	-	52.24	0.00	3922.78
MW - 10	05/17/10	3975.02	-	52.41	0.00	3922.61
MW - 10	08/16/10	3975.02	-	52.41	0.00	3922.61
MW - 10	11/10/10	3975.02	-	52.42	0.00	3922.60
MW - 10	02/28/11	3975.02	-	52.42	0.00	3922.60
MW - 10	05/12/11	3975.02	-	52.11	0.00	3922.91
MW - 10	08/15/11	3975.02	-	52.13	0.00	3922.89
MW - 10	11/22/11	3975.02	-	52.20	0.00	3922.82
MW - 10	02/28/12	3975.02	-	52.22	0.00	3922.80
MW - 10	05/17/12	3975.02	-	52.25	0.00	3922.77
MW - 10	08/01/12	3975.02	-	52.36	0.00	3922.66
MW - 10	10/25/12	3975.02	-	52.41	0.00	3922.61
MW - 10	11/29/12	3975.02	-	52.33	0.00	3922.69
MW - 10	02/11/13	3975.02	-	52.36	0.00	3922.66
MW - 10	04/11/13	3975.02	-	52.34	0.00	3922.68
MW - 10	05/06/13	3975.02	-	52.44	0.00	3922.58
MW - 10	05/29/13	3975.02	-	52.41	0.00	3922.61
MW - 10	06/26/13	3975.02	-	52.36	0.00	3922.66
MW - 10	07/31/13	3975.02	-	52.29	0.00	3922.73
MW - 10	08/06/13	3975.02	-	52.33	0.00	3922.69
MW - 10	09/30/13	3975.02	-	52.40	0.00	3922.62
MW - 10	11/18/13	3975.02	-	52.56	0.00	3922.46
MW - 10	02/04/14	3975.02	-	52.58	0.00	3922.44
MW - 10	04/28/14	3975.02	-	52.55	0.00	3922.47
MW - 10	05/28/14	3975.02	-	52.50	0.00	3922.52
MW - 10	07/30/14	3975.02	-	52.59	0.00	3922.43
MW - 10	08/23/14	3975.02	-	52.67	0.00	3922.35
MW - 10	10/31/14	3975.02	-	52.64	0.00	3922.38
MW - 10	11/18/14	3975.02	-	52.66	0.00	3922.36
MW - 10	01/09/15	3975.02	-	52.64	0.00	3922.38
MW - 10	02/19/15	3975.02	-	52.61	0.00	3922.41

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	03/31/15	3975.02	-	52.55	0.00	3922.47
MW - 10	04/09/15	3975.02	-	52.58	0.00	3922.44
MW - 10	05/12/15	3975.02	-	52.59	0.00	3922.43
MW - 10	07/27/15	3975.02	-	52.58	0.00	3922.44
MW - 10	08/18/15	3975.02	-	52.51	0.00	3922.51
MW - 10	10/08/15	3975.02	-	52.57	0.00	3922.45
MW - 10	11/23/15	3975.02	-	52.62	0.00	3922.40
MW - 10	01/12/16	3975.02	-	52.68	0.00	3922.34
MW - 10	02/24/16	3975.02	-	52.66	0.00	3922.36
MW - 10	06/13/16	3975.02	-	52.66	0.00	3922.36
MW - 10	08/02/16	3975.02	-	52.77	0.00	3922.25
MW - 10	11/28/16	3975.02	-	52.75	0.00	3922.27
MW - 10	02/21/17	3975.02	-	52.72	0.00	3922.30
MW - 10	05/24/17	3975.02	-	52.70	0.00	3922.32
MW - 10	07/12/17	3975.02	-	52.67	0.00	3922.35
MW - 10	08/11/17	3975.02	-	52.65	0.00	3922.37
MW - 10	10/18/17	3975.02	-	52.79	0.00	3922.23
MW - 10	11/28/17	3975.02	-	52.83	0.00	3922.19
MW - 10	01/16/18	3975.02	-	52.82	0.00	3922.20
MW - 10	02/26/18	3975.02	-	52.79	0.00	3922.23
MW - 10	04/03/18	3975.02	-	52.77	0.00	3922.25
MW - 10	04/17/18	3975.02	-	52.78	0.00	3922.24
MW - 10	05/07/18	3975.02	-	52.71	0.00	3922.31
MW - 10	06/26/18	3975.02	-	52.84	0.00	3922.18
MW - 10	08/09/18	3975.02	-	52.91	0.00	3922.11
MW - 10	09/11/18	3975.02	-	52.92	0.00	3922.10
MW - 10	11/14/18	3975.02	-	52.92	0.00	3922.10
MW - 10	11/27/18	3975.02	-	52.92	0.00	3922.10
MW - 10	12/18/18	3975.02	-	52.92	0.00	3922.10
MW - 10	02/18/19	3975.02	-	52.94	0.00	3922.08
MW - 10	05/14/19	3975.02	-	52.92	0.00	3922.10
MW - 10	08/19/19	3975.02	-	53.10	0.00	3921.92
MW - 10	11/11/19	3975.02	-	53.11	0.00	3921.91
MW - 10	02/18/20	3975.02	-	53.05	0.00	3921.97
MW - 10	05/05/20	3975.02	-	53.09	0.00	3921.93
MW - 10	06/11/20	3975.02	-	53.10	0.00	3921.92
MW - 10	09/23/20	3975.02	-	53.21	0.00	3921.81
MW - 10	12/04/20	3975.02	-	53.24	0.00	3921.78
MW - 10	12/24/20	3975.02	-	53.25	0.00	3921.77
MW - 10	03/23/21	3975.02	-	53.22	0.00	3921.80
MW - 10	06/04/21	3975.02	-	53.26	0.00	3921.76
MW - 10	09/30/21	3975.02	-	53.36	0.00	3921.66
MW - 10	12/09/21	3975.02	-	53.40	0.00	3921.62

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 11	03/02/00	3975.30	-	53.84	0.00	3921.46
MW - 11	04/25/00	3975.30	-	53.91	0.00	3921.39
MW - 11	09/06/00	3975.30	-	53.95	0.00	3921.35
MW - 11	11/28/00	3975.30	-	53.96	0.00	3921.34
MW - 11	02/21/01	3975.30	-	53.79	0.00	3921.51
MW - 11	05/31/01	3975.30	-	53.77	0.00	3921.53
MW - 11	08/23/01	3975.30	-	53.83	0.00	3921.47
MW - 11	11/21/01	3975.30	-	53.87	0.00	3921.43
MW - 11	02/13/02	3975.30	-	52.85	0.00	3922.45
MW - 11	06/12/02	3975.30	-	53.87	0.00	3921.43
MW - 11	08/26/02	3975.30	-	53.89	0.00	3921.41
MW - 11	11/21/02	3975.30	-	53.93	0.00	3921.37
MW - 11	02/05/03	3975.30	-	53.90	0.00	3921.40
MW - 11	05/07/03	3975.30	-	53.86	0.00	3921.44
MW - 11	08/18/03	3975.30	-	53.93	0.00	3921.37
MW - 11	12/01/03	3975.30	-	53.96	0.00	3921.34
MW - 11	02/05/04	3975.30	-	53.97	0.00	3921.33
MW - 11	05/05/04	3975.30	-	53.93	0.00	3921.37
MW - 11	09/01/04	3975.30	-	54.00	0.00	3921.30
MW - 11	12/15/04	3975.30	-	53.95	0.00	3921.35
MW - 11	03/22/05	3975.30	-	53.75	0.00	3921.55
MW - 11	06/22/05	3975.30	-	53.64	0.00	3921.66
MW - 11	09/21/05	3975.30	-	53.56	0.00	3921.74
MW - 11	12/16/05	3975.30	-	53.60	0.00	3921.70
MW - 11	03/20/06	3975.30	-	53.45	0.00	3921.85
MW - 11	06/21/06	3975.30	-	53.43	0.00	3921.87
MW - 11	09/27/06	3975.30	-	53.42	0.00	3921.88
MW - 11	12/04/06	3975.30	-	53.37	0.00	3921.93
MW - 11	03/14/07	3975.30	-	53.33	0.00	3921.97
MW - 11	05/29/07	3975.30	-	53.29	0.00	3922.01
MW - 11	08/30/07	3975.30	-	53.27	0.00	3922.03
MW - 11	11/12/07	3975.30	-	53.23	0.00	3922.07
MW - 11	03/07/08	3975.30	-	53.17	0.00	3922.13
MW - 11	06/02/08	3975.30	-	53.12	0.00	3922.18
MW - 11	09/03/08	3975.30	-	53.12	0.00	3922.18
MW - 11	12/08/08	3975.30	-	53.10	0.00	3922.20
MW - 11	02/19/09	3975.30	-	53.08	0.00	3922.22
MW - 11	05/20/09	3975.30	-	53.04	0.00	3922.26
MW - 11	08/12/09	3975.30	-	53.03	0.00	3922.27
MW - 11	11/25/09	3975.30	-	53.03	0.00	3922.27
MW - 11	01/07/10	3975.30	-	53.02	0.00	3922.28
MW - 11	02/11/10	3975.30	-	52.99	0.00	3922.31

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 11	05/17/10	3975.30	-	53.16	0.00	3922.14
MW - 11	08/16/10	3975.30	-	53.15	0.00	3922.15
MW - 11	11/10/10	3975.30	-	53.17	0.00	3922.13
MW - 11	02/28/11	3975.30	-	53.15	0.00	3922.15
MW - 11	05/12/11	3975.30	-	52.96	0.00	3922.34
MW - 11	08/15/11	3975.30	-	53.10	0.00	3922.20
MW - 11	11/22/11	3975.30	-	53.05	0.00	3922.25
MW - 11	02/28/12	3975.30	-	53.01	0.00	3922.29
MW - 11	05/17/12	3975.30	-	53.00	0.00	3922.30
MW - 11	08/01/12	3975.30	-	53.12	0.00	3922.18
MW - 11	10/25/12	3975.30	-	53.15	0.00	3922.15
MW - 11	11/29/12	3975.30	-	53.23	0.00	3922.07
MW - 11	02/11/13	3975.30	-	53.16	0.00	3922.14
MW - 11	04/11/13	3975.30	-	53.39	0.00	3921.91
MW - 11	05/06/13	3975.30	-	53.19	0.00	3922.11
MW - 11	05/29/13	3975.30	-	53.34	0.00	3921.96
MW - 11	06/26/13	3975.30	-	53.36	0.00	3921.94
MW - 11	07/31/13	3975.30	-	53.29	0.00	3922.01
MW - 11	08/06/13	3975.30	-	53.26	0.00	3922.04
MW - 11	09/30/13	3975.30	-	53.35	0.00	3921.95
MW - 11	11/18/13	3975.30	-	53.32	0.00	3921.98
MW - 11	02/04/14	3975.30	-	53.30	0.00	3922.00
MW - 11	04/28/14	3975.30	-	53.31	0.00	3921.99
MW - 11	05/28/14	3975.30	-	53.40	0.00	3921.90
MW - 11	07/30/14	3975.30	-	53.40	0.00	3921.90
MW - 11	08/23/14	3975.30	-	53.43	0.00	3921.87
MW - 11	10/31/14	3975.30	-	53.45	0.00	3921.85
MW - 11	11/18/14	3975.30	-	53.43	0.00	3921.87
MW - 11	01/09/15	3975.30	-	53.39	0.00	3921.91
MW - 11	02/19/15	3975.30	-	53.40	0.00	3921.90
MW - 11	03/31/15	3975.30	-	53.40	0.00	3921.90
MW - 11	04/09/15	3975.30	-	53.33	0.00	3921.97
MW - 11	05/12/15	3975.30	-	53.55	0.00	3921.75
MW - 11	07/27/15	3975.30	-	53.42	0.00	3921.88
MW - 11	08/18/15	3975.30	-	53.36	0.00	3921.94
MW - 11	10/08/15	3975.30	-	53.48	0.00	3921.82
MW - 11	11/23/15	3975.30	-	53.42	0.00	3921.88
MW - 11	01/12/16	3975.30	-	53.43	0.00	3921.87
MW - 11	02/24/16	3975.30	-	53.45	0.00	3921.85
MW - 11	06/13/16	3975.30	-	53.43	0.00	3921.87
MW - 11	08/02/16	3975.30	-	53.56	0.00	3921.74
MW - 11	11/28/16	3975.30	-	53.49	0.00	3921.81
MW - 11	02/21/17	3975.30	-	53.48	0.00	3921.82

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 11	05/24/17	3975.30	-	53.45	0.00	3921.85
MW - 11	07/12/17	3975.30	-	53.47	0.00	3921.83
MW - 11	08/11/17	3975.30	-	53.47	0.00	3921.83
MW - 11	10/18/17	3975.30	-	53.60	0.00	3921.70
MW - 11	11/28/17	3975.30	-	53.58	0.00	3921.72
MW - 11	01/16/18	3975.30	-	53.58	0.00	3921.72
MW - 11	02/26/18	3975.30	-	53.54	0.00	3921.76
MW - 11	04/03/18	3975.30	-	53.54	0.00	3921.76
MW - 11	04/17/18	3975.30	-	53.53	0.00	3921.77
MW - 11	05/07/18	3975.30	-	53.61	0.00	3921.69
MW - 11	06/26/18	3975.30	-	53.60	0.00	3921.70
MW - 11	08/09/18	3975.30	-	53.63	0.00	3921.67
MW - 11	09/11/18	3975.30	-	53.66	0.00	3921.64
MW - 11	11/14/18	3975.30	-	53.69	0.00	3921.61
MW - 11	12/18/18	3975.30	-	53.66	0.00	3921.64
MW - 11	02/18/19	3975.30	-	53.69	0.00	3921.61
MW - 11	05/14/19	3975.30	-	53.66	0.00	3921.64
MW - 11	08/19/19	3975.30	-	53.84	0.00	3921.46
MW - 11	11/11/19	3975.30	-	53.84	0.00	3921.46
MW - 11	02/18/20	3975.30	-	53.80	0.00	3921.50
MW - 11	05/05/20	3975.30	-	53.83	0.00	3921.47
MW - 11	06/11/20	3975.30	-	53.85	0.00	3921.45
MW - 11	09/23/20	3975.30	-	53.96	0.00	3921.34
MW - 11	12/04/20	3975.30	-	53.99	0.00	3921.31
MW - 11	12/24/20	3975.30	-	54.00	0.00	3921.30
MW - 11	03/23/21	3975.30	-	53.96	0.00	3921.34
MW - 11	06/04/21	3975.30	-	54.01	0.00	3921.29
MW - 11	09/30/21	3975.30	-	54.13	0.00	3921.17
MW - 11	12/09/21	3975.30	-	54.14	0.00	3921.16
MW - 12	03/02/00	3974.55	-	52.80	0.00	3921.75
MW - 12	04/25/00	3974.55	-	52.86	0.00	3921.69
MW - 12	09/06/00	3974.55	-	52.90	0.00	3921.65
MW - 12	11/28/00	3974.55	-	52.92	0.00	3921.63
MW - 12	02/21/01	3974.55	-	52.75	0.00	3921.80
MW - 12	05/31/01	3974.55	-	52.75	0.00	3921.80
MW - 12	08/31/01	3974.55	-	52.78	0.00	3921.77
MW - 12	11/21/01	3974.55	-	52.82	0.00	3921.73
MW - 12	02/13/02	3974.55	-	52.85	0.00	3921.70
MW - 12	06/12/02	3974.55	-	52.83	0.00	3921.72
MW - 12	08/26/02	3974.55	-	52.83	0.00	3921.72
MW - 12	11/21/02	3974.55	-	52.89	0.00	3921.66
MW - 12	02/05/03	3974.55	-	52.88	0.00	3921.67

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 12	05/07/03	3974.55	-	52.82	0.00	3921.73
MW - 12	08/18/03	3974.55	-	52.89	0.00	3921.66
MW - 12	12/01/03	3974.55	-	52.93	0.00	3921.62
MW - 12	02/05/04	3974.55	-	52.92	0.00	3921.63
MW - 12	05/05/04	3974.55	-	52.90	0.00	3921.65
MW - 12	09/01/04	3974.55	-	52.94	0.00	3921.61
MW - 12	12/15/04	3974.55	-	52.90	0.00	3921.65
MW - 12	03/22/05	3974.55	-	52.69	0.00	3921.86
MW - 12	06/22/05	3974.55	-	52.58	0.00	3921.97
MW - 12	09/21/05	3974.55	-	52.51	0.00	3922.04
MW - 12	12/16/05	3974.55	-	52.46	0.00	3922.09
MW - 12	03/20/06	3974.55	-	52.39	0.00	3922.16
MW - 12	06/21/06	3974.55	-	52.36	0.00	3922.19
MW - 12	09/27/06	3974.55	-	52.44	0.00	3922.11
MW - 12	12/04/06	3974.55	-	52.33	0.00	3922.22
MW - 12	03/14/07	3974.55	-	52.28	0.00	3922.27
MW - 12	05/29/07	3974.55	-	52.26	0.00	3922.29
MW - 12	08/30/07	3974.55	-	52.23	0.00	3922.32
MW - 12	11/12/07	3974.55	-	52.20	0.00	3922.35
MW - 12	03/07/08	3974.55	-	52.12	0.00	3922.43
MW - 12	06/02/08	3974.55	-	52.05	0.00	3922.50
MW - 12	09/03/08	3974.55	-	52.07	0.00	3922.48
MW - 12	12/08/08	3974.55	-	52.05	0.00	3922.50
MW - 12	02/19/09	3974.55	-	52.02	0.00	3922.53
MW - 12	05/20/09	3974.55	-	51.99	0.00	3922.56
MW - 12	08/12/09	3974.55	-	51.97	0.00	3922.58
MW - 12	11/25/09	3974.55	-	51.98	0.00	3922.57
MW - 12	01/07/10	3974.55	-	51.95	0.00	3922.60
MW - 12	02/11/10	3974.55	-	51.95	0.00	3922.60
MW - 12	05/17/10	3974.55	-	52.13	0.00	3922.42
MW - 12	08/16/10	3974.55	-	52.13	0.00	3922.42
MW - 12	11/10/10	3974.55	-	52.13	0.00	3922.42
MW - 12	02/28/11	3974.55	-	52.12	0.00	3922.43
MW - 12	05/12/11	3974.55	-	51.92	0.00	3922.63
MW - 12	08/15/11	3974.55	-	52.08	0.00	3922.47
MW - 12	11/22/11	3974.55	-	51.97	0.00	3922.58
MW - 12	02/28/12	3974.55	-	51.97	0.00	3922.58
MW - 12	05/17/12	3974.55	-	51.95	0.00	3922.60
MW - 12	08/01/12	3974.55	-	52.06	0.00	3922.49
MW - 12	10/25/12	3974.55	-	52.12	0.00	3922.43
MW - 12	11/29/12	3974.55	-	52.19	0.00	3922.36
MW - 12	02/11/13	3974.55	-	52.08	0.00	3922.47
MW - 12	04/11/13	3974.55	-	52.30	0.00	3922.25

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 12	05/06/13	3974.55	-	52.13	0.00	3922.42
MW - 12	05/29/13	3974.55	-	52.26	0.00	3922.29
MW - 12	06/26/13	3974.55	-	52.31	0.00	3922.24
MW - 12	07/31/13	3974.55	-	52.21	0.00	3922.34
MW - 12	08/06/13	3974.55	-	52.21	0.00	3922.34
MW - 12	09/30/13	3974.55	-	52.25	0.00	3922.30
MW - 12	11/18/13	3974.55	-	52.27	0.00	3922.28
MW - 12	12/08/13	3974.55	-	52.28	0.00	3922.27
MW - 12	02/04/14	3974.55	-	52.26	0.00	3922.29
MW - 12	04/28/14	3974.55	-	52.26	0.00	3922.29
MW - 12	05/28/14	3974.55	-	52.32	0.00	3922.23
MW - 12	07/30/14	3974.55	-	52.35	0.00	3922.20
MW - 12	08/23/14	3974.55	-	52.38	0.00	3922.17
MW - 12	10/31/14	3974.55	-	52.39	0.00	3922.16
MW - 12	11/18/14	3974.55	-	52.38	0.00	3922.17
MW - 12	01/09/15	3974.55	-	52.34	0.00	3922.21
MW - 12	02/19/15	3974.55	-	52.34	0.00	3922.21
MW - 12	03/31/15	3974.55	-	52.35	0.00	3922.20
MW - 12	04/09/15	3974.55	-	52.28	0.00	3922.27
MW - 12	05/12/15	3974.55	-	52.29	0.00	3922.26
MW - 12	07/27/15	3974.55	-	52.36	0.00	3922.19
MW - 12	08/18/15	3974.55	-	52.33	0.00	3922.22
MW - 12	10/08/15	3974.55	-	52.42	0.00	3922.13
MW - 12	11/23/15	3974.55	-	52.35	0.00	3922.20
MW - 12	01/12/16	3974.55	-	52.38	0.00	3922.17
MW - 12	02/24/16	3974.55	-	52.38	0.00	3922.17
MW - 12	06/13/16	3974.55	-	52.37	0.00	3922.18
MW - 12	08/02/16	3974.55	-	52.52	0.00	3922.03
MW - 12	11/28/16	3974.55	-	52.45	0.00	3922.10
MW - 12	02/21/17	3974.55	-	52.42	0.00	3922.13
MW - 12	05/24/17	3974.55	-	52.39	0.00	3922.16
MW - 12	07/12/17	3974.55	-	52.49	0.00	3922.06
MW - 12	08/11/17	3974.55	-	52.51	0.00	3922.04
MW - 12	10/18/17	3974.55	-	52.55	0.00	3922.00
MW - 12	11/28/17	3974.55	-	52.52	0.00	3922.03
MW - 12	01/16/18	3974.55	-	52.52	0.00	3922.03
MW - 12	02/26/18	3974.55	-	52.49	0.00	3922.06
MW - 12	04/03/18	3974.55	-	52.84	0.00	3921.71
MW - 12	04/17/18	3974.55	-	52.49	0.00	3922.06
MW - 12	05/07/18	3974.55	-	52.55	0.00	3922.00
MW - 12	06/26/18	3974.55	-	52.54	0.00	3922.01
MW - 12	08/09/18	3974.55	-	52.59	0.00	3921.96
MW - 12	09/11/18	3974.55	-	52.61	0.00	3921.94

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 12	11/14/18	3974.55	-	52.64	0.00	3921.91
MW - 12	12/18/18	3974.55	-	52.62	0.00	3921.93
MW - 12	02/18/19	3974.55	-	52.64	0.00	3921.91
MW - 12	05/14/19	3974.55	-	52.59	0.00	3921.96
MW - 12	08/19/19	3974.55	-	52.79	0.00	3921.76
MW - 12	11/11/19	3974.55	-	52.79	0.00	3921.76
MW - 12	02/18/20	3974.55	-	52.75	0.00	3921.80
MW - 12	05/05/20	3974.55	-	52.78	0.00	3921.77
MW - 12	06/11/20	3974.55	-	52.80	0.00	3921.75
MW - 12	09/23/20	3974.55	-	52.92	0.00	3921.63
MW - 12	12/04/20	3974.55	-	52.94	0.00	3921.61
MW - 12	12/24/20	3974.55	-	52.92	0.00	3921.63
MW - 12	03/23/21	3974.55	-	52.93	0.00	3921.62
MW - 12	06/04/21	3974.55	-	52.96	0.00	3921.59
MW - 12	09/30/21	3974.55	-	53.06	0.00	3921.49
MW - 12	12/09/21	3974.55	-	53.08	0.00	3921.47
MW - 13	03/02/00	3975.00	-	53.77	0.00	3921.23
MW - 13	04/25/00	3975.00	-	53.85	0.00	3921.15
MW - 13	09/06/00	3975.00	-	53.90	0.00	3921.10
MW - 13	11/28/00	3975.00	-	53.91	0.00	3921.09
MW - 13	02/21/01	3975.00	-	53.80	0.00	3921.20
MW - 13	05/31/01	3975.00	-	53.72	0.00	3921.28
MW - 13	08/23/01	3975.00	-	53.76	0.00	3921.24
MW - 13	11/21/01	3975.00	-	53.83	0.00	3921.17
MW - 13	02/13/02	3975.00	-	53.86	0.00	3921.14
MW - 13	06/12/02	3975.00	-	53.81	0.00	3921.19
MW - 13	08/26/02	3975.00	-	53.82	0.00	3921.18
MW - 13	11/21/02	3975.00	-	53.89	0.00	3921.11
MW - 13	02/05/03	3975.00	-	53.85	0.00	3921.15
MW - 13	05/07/03	3975.00	-	53.78	0.00	3921.22
MW - 13	08/18/03	3975.00	-	53.88	0.00	3921.12
MW - 13	12/01/03	3975.00	-	53.91	0.00	3921.09
MW - 13	02/05/04	3975.00	-	53.90	0.00	3921.10
MW - 13	05/05/04	3975.00	-	53.90	0.00	3921.10
MW - 13	09/01/04	3975.00	-	53.93	0.00	3921.07
MW - 13	12/15/04	3975.00	-	53.88	0.00	3921.12
MW - 13	03/22/05	3975.00	-	53.64	0.00	3921.36
MW - 13	06/22/05	3975.00	-	53.58	0.00	3921.42
MW - 13	09/21/05	3975.00	-	53.51	0.00	3921.49
MW - 13	12/16/05	3975.00	-	53.44	0.00	3921.56
MW - 13	03/20/06	3975.00	-	53.43	0.00	3921.57
MW - 13	06/21/06	3975.00	-	53.38	0.00	3921.62

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	09/27/06	3975.00	-	53.33	0.00	3921.67
MW - 13	12/04/06	3975.00	-	53.33	0.00	3921.67
MW - 13	02/09/07	3975.00	-	52.32	0.00	3922.68
MW - 13	02/23/07	3975.00	-	53.27	0.00	3921.73
MW - 13	03/14/07	3975.00	-	53.28	0.00	3921.72
MW - 13	05/29/07	3975.00	-	53.26	0.00	3921.74
MW - 13	08/30/07	3975.00	-	53.22	0.00	3921.78
MW - 13	11/12/07	3975.00	-	53.19	0.00	3921.81
MW - 13	03/07/08	3975.00	-	53.13	0.00	3921.87
MW - 13	06/02/08	3975.00	-	53.07	0.00	3921.93
MW - 13	09/03/08	3975.00	-	53.07	0.00	3921.93
MW - 13	12/08/08	3975.00	-	53.05	0.00	3921.95
MW - 13	02/19/09	3975.00	-	53.02	0.00	3921.98
MW - 13	05/20/09	3975.00	-	52.99	0.00	3922.01
MW - 13	08/12/09	3975.00	-	52.99	0.00	3922.01
MW - 13	11/04/09	3975.00	-	52.94	0.00	3922.06
MW - 13	11/11/09	3975.00	-	52.94	0.00	3922.06
MW - 13	11/18/09	3975.00	-	52.95	0.00	3922.05
MW - 13	11/25/09	3975.00	-	52.97	0.00	3922.03
MW - 13	12/02/09	3975.00	-	52.95	0.00	3922.05
MW - 13	01/07/10	3975.00	-	52.94	0.00	3922.06
MW - 13	02/02/10	3975.00	-	52.90	0.00	3922.10
MW - 13	02/11/10	3975.00	-	52.92	0.00	3922.08
MW - 13	05/17/10	3975.00	-	53.06	0.00	3921.94
MW - 13	08/16/10	3975.00	-	53.06	0.00	3921.94
MW - 13	11/10/10	3975.00	-	53.09	0.00	3921.91
MW - 13	02/28/11	3975.00	-	53.07	0.00	3921.93
MW - 13	03/04/11	3975.00	-	52.92	0.00	3922.08
MW - 13	04/28/11	3975.00	-	52.92	0.00	3922.08
MW - 13	05/04/11	3975.00	-	52.91	0.00	3922.09
MW - 13	05/11/11	3975.00	-	52.91	0.00	3922.09
MW - 13	05/12/11	3975.00	-	52.92	0.00	3922.08
MW - 13	05/18/11	3975.00	-	52.92	0.00	3922.08
MW - 13	05/23/11	3975.00	-	52.93	0.00	3922.07
MW - 13	06/08/11	3975.00	-	52.93	0.00	3922.07
MW - 13	06/16/11	3975.00	-	52.93	0.00	3922.07
MW - 13	06/22/11	3975.00	-	52.94	0.00	3922.06
MW - 13	06/30/11	3975.00	-	52.94	0.00	3922.06
MW - 13	07/06/11	3975.00	-	52.94	0.00	3922.06
MW - 13	07/13/11	3975.00	-	52.95	0.00	3922.05
MW - 13	07/15/11	3975.00	-	52.95	0.00	3922.05
MW - 13	07/19/11	3975.00	-	52.95	0.00	3922.05
MW - 13	07/21/11	3975.00	-	52.94	0.00	3922.06

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	07/25/11	3975.00	-	52.95	0.00	3922.05
MW - 13	07/28/11	3975.00	-	52.96	0.00	3922.04
MW - 13	08/02/11	3975.00	-	52.96	0.00	3922.04
MW - 13	08/09/11	3975.00	-	52.95	0.00	3922.05
MW - 13	08/12/11	3975.00	-	52.96	0.00	3922.04
MW - 13	08/15/11	3975.00	-	53.00	0.00	3922.00
MW - 13	08/16/11	3975.00	-	52.97	0.00	3922.03
MW - 13	08/19/11	3975.00	-	52.97	0.00	3922.03
MW - 13	08/23/11	3975.00	-	52.98	0.00	3922.02
MW - 13	09/01/11	3975.00	-	52.97	0.00	3922.03
MW - 13	09/15/11	3975.00	-	52.98	0.00	3922.02
MW - 13	09/22/11	3975.00	-	52.96	0.00	3922.04
MW - 13	10/11/11	3975.00	-	52.99	0.00	3922.01
MW - 13	10/13/11	3975.00	-	53.03	0.00	3921.97
MW - 13	11/22/11	3975.00	-	52.96	0.00	3922.04
MW - 13	12/29/11	3975.00	-	52.96	0.00	3922.04
MW - 13	01/26/12	3975.00	-	52.97	0.00	3922.03
MW - 13	01/31/12	3975.00	-	52.99	0.00	3922.01
MW - 13	02/15/12	3975.00	-	52.95	0.00	3922.05
MW - 13	02/28/12	3975.00	-	52.95	0.00	3922.05
MW - 13	03/20/12	3975.00	-	53.03	0.00	3921.97
MW - 13	03/27/12	3975.00	-	54.96	0.00	3920.04
MW - 13	04/10/12	3975.00	-	52.98	0.00	3922.02
MW - 13	04/19/12	3975.00	-	52.98	0.00	3922.02
MW - 13	04/26/12	3975.00	-	52.96	0.00	3922.04
MW - 13	05/08/12	3975.00	-	52.97	0.00	3922.03
MW - 13	05/15/12	3975.00	-	52.94	0.00	3922.06
MW - 13	05/17/12	3975.00	-	52.93	0.00	3922.07
MW - 13	06/05/12	3975.00	-	53.00	0.00	3922.00
MW - 13	06/21/12	3975.00	-	52.64	0.00	3922.36
MW - 13	06/28/12	3975.00	-	52.70	0.00	3922.30
MW - 13	07/17/12	3975.00	-	53.01	0.00	3921.99
MW - 13	08/01/12	3975.00	-	53.04	0.00	3921.96
MW - 13	10/02/12	3975.00	-	53.31	0.00	3921.69
MW - 13	10/09/12	3975.00	-	53.19	0.00	3921.81
MW - 13	10/16/12	3975.00	-	53.13	0.00	3921.87
MW - 13	10/25/12	3975.00	-	53.14	0.00	3921.86
MW - 13	10/30/12	3975.00	-	53.11	0.00	3921.89
MW - 13	11/29/12	3975.00	-	53.14	0.00	3921.86
MW - 13	12/14/12	3975.00	-	53.16	0.00	3921.84
MW - 13	02/11/13	3975.00	-	53.09	0.00	3921.91
MW - 13	04/11/13	3975.00	-	53.29	0.00	3921.71
MW - 13	04/15/13	3975.00	-	53.20	0.00	3921.80

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	04/22/13	3975.00	-	53.14	0.00	3921.86
MW - 13	05/06/13	3975.00	-	53.14	0.00	3921.86
MW - 13	05/09/13	3975.00	-	53.14	0.00	3921.86
MW - 13	05/20/13	3975.00	-	53.14	0.00	3921.86
MW - 13	05/24/13	3975.00	-	53.25	0.00	3921.75
MW - 13	05/29/13	3975.00	-	53.26	0.00	3921.74
MW - 13	05/31/13	3975.00	-	53.23	0.00	3921.77
MW - 13	06/07/13	3975.00	-	53.31	0.00	3921.69
MW - 13	06/12/13	3975.00	-	53.30	0.00	3921.70
MW - 13	06/14/13	3975.00	-	53.25	0.00	3921.75
MW - 13	06/19/13	3975.00	-	53.24	0.00	3921.76
MW - 13	06/21/13	3975.00	-	53.28	0.00	3921.72
MW - 13	06/25/13	3975.00	-	53.21	0.00	3921.79
MW - 13	06/26/13	3975.00	-	53.26	0.00	3921.74
MW - 13	07/03/13	3975.00	-	53.26	0.00	3921.74
MW - 13	07/09/13	3975.00	-	53.25	0.00	3921.75
MW - 13	07/11/13	3975.00	-	53.31	0.00	3921.69
MW - 13	07/24/13	3975.00	-	53.22	0.00	3921.78
MW - 13	07/26/13	3975.00	-	53.29	0.00	3921.71
MW - 13	07/31/13	3975.00	-	53.25	0.00	3921.75
MW - 13	08/02/13	3975.00	-	53.29	0.00	3921.71
MW - 13	08/06/13	3975.00	-	53.22	0.00	3921.78
MW - 13	08/14/13	3975.00	-	53.28	0.00	3921.72
MW - 13	08/21/13	3975.00	-	53.32	0.00	3921.68
MW - 13	08/26/13	3975.00	-	53.29	0.00	3921.71
MW - 13	09/06/13	3975.00	-	53.30	0.00	3921.70
MW - 13	08/30/13	3975.00	-	53.28	0.00	3921.72
MW - 13	09/13/13	3975.00	-	53.23	0.00	3921.77
MW - 13	09/27/13	3975.00	-	53.34	0.00	3921.66
MW - 13	09/30/13	3975.00	-	53.35	0.00	3921.65
MW - 13	10/02/13	3975.00	-	53.30	0.00	3921.70
MW - 13	10/03/13	3975.00	-	53.28	0.00	3921.72
MW - 13	10/11/13	3975.00	-	53.21	0.00	3921.79
MW - 13	10/17/13	3975.00	-	53.22	0.00	3921.78
MW - 13	10/22/13	3975.00	-	53.22	0.00	3921.78
MW - 13	10/24/13	3975.00	-	53.37	0.00	3921.63
MW - 13	10/30/13	3975.00	-	53.34	0.00	3921.66
MW - 13	11/01/13	3975.00	-	53.25	0.00	3921.75
MW - 13	11/04/13	3975.00	-	53.29	0.00	3921.71
MW - 13	11/08/13	3975.00	-	53.32	0.00	3921.68
MW - 13	11/13/13	3975.00	-	53.25	0.00	3921.75
MW - 13	11/15/13	3975.00	-	53.25	0.00	3921.75
MW - 13	11/19/13	3975.00	-	53.25	0.00	3921.75

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	12/12/13	3975.00	-	53.31	0.00	3921.69
MW - 13	12/16/13	3975.00	-	53.30	0.00	3921.70
MW - 13	12/18/13	3975.00	-	53.30	0.00	3921.70
MW - 13	12/23/13	3975.00	-	53.36	0.00	3921.64
MW - 13	12/30/13	3975.00	-	53.33	0.00	3921.67
MW - 13	01/01/14	3975.00	-	53.27	0.00	3921.73
MW - 13	01/06/14	3975.00	-	53.26	0.00	3921.74
MW - 13	01/15/14	3975.00	-	53.38	0.00	3921.62
MW - 13	01/17/14	3975.00	-	53.26	0.00	3921.74
MW - 13	01/20/14	3975.00	-	53.21	0.00	3921.79
MW - 13	01/22/14	3975.00	-	52.87	0.00	3922.13
MW - 13	01/29/14	3975.00	-	53.31	0.00	3921.69
MW - 13	02/04/14	3975.00	-	53.28	0.00	3921.72
MW - 13	02/13/14	3975.00	-	53.30	0.00	3921.70
MW - 13	02/21/14	3975.00	-	53.37	0.00	3921.63
MW - 13	02/26/14	3975.00	-	53.40	0.00	3921.60
MW - 13	03/12/14	3975.00	-	53.40	0.00	3921.60
MW - 13	03/14/14	3975.00	-	53.37	0.00	3921.63
MW - 13	03/17/14	3975.00	-	53.37	0.00	3921.63
MW - 13	03/24/14	3975.00	-	53.33	0.00	3921.67
MW - 13	03/26/14	3975.00	-	53.34	0.00	3921.66
MW - 13	04/09/14	3975.00	-	53.24	0.00	3921.76
MW - 13	04/28/14	3975.00	-	53.24	0.00	3921.76
MW - 13	05/28/14	3975.00	-	53.34	0.00	3921.66
MW - 13	07/30/14	3975.00	-	53.36	0.00	3921.64
MW - 13	08/23/14	3975.00	-	53.40	0.00	3921.60
MW - 13	10/31/14	3975.00	-	53.40	0.00	3921.60
MW - 13	11/18/14	3975.00	-	53.38	0.00	3921.62
MW - 13	01/09/15	3975.00	-	53.35	0.00	3921.65
MW - 13	02/19/15	3975.00	-	53.34	0.00	3921.66
MW - 13	03/31/15	3975.00	-	53.35	0.00	3921.65
MW - 13	04/09/15	3975.00	-	53.29	0.00	3921.71
MW - 13	05/12/15	3975.00	-	53.30	0.00	3921.70
MW - 13	07/27/15	3975.00	-	53.37	0.00	3921.63
MW - 13	08/18/15	3975.00	-	53.35	0.00	3921.65
MW - 13	10/08/15	3975.00	-	53.43	0.00	3921.57
MW - 13	11/23/15	3975.00	-	53.34	0.00	3921.66
MW - 13	01/12/16	3975.00	-	53.38	0.00	3921.62
MW - 13	02/24/16	3975.00	-	53.35	0.00	3921.65
MW - 13	06/13/16	3975.00	-	53.35	0.00	3921.65
MW - 13	08/02/16	3975.00	-	53.49	0.00	3921.51
MW - 13	11/28/16	3975.00	-	53.42	0.00	3921.58
MW - 13	02/21/17	3975.00	-	53.43	0.00	3921.57

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	05/24/17	3975.00	-	53.41	0.00	3921.59
MW - 13	07/12/17	3975.00	-	53.50	0.00	3921.50
MW - 13	08/11/17	3975.00	-	53.47	0.00	3921.53
MW - 13	10/18/17	3975.00	-	53.54	0.00	3921.46
MW - 13	11/28/17	3975.00	-	53.52	0.00	3921.48
MW - 13	01/16/18	3975.00	-	53.52	0.00	3921.48
MW - 13	02/26/18	3975.00	-	53.49	0.00	3921.51
MW - 13	04/03/18	3975.00	-	53.48	0.00	3921.52
MW - 13	04/17/18	3975.00	-	53.48	0.00	3921.52
MW - 13	05/07/18	3975.00	-	53.66	0.00	3921.34
MW - 13	06/26/18	3975.00	-	53.55	0.00	3921.45
MW - 13	08/09/18	3975.00	-	53.57	0.00	3921.43
MW - 13	09/11/18	3975.00	-	53.61	0.00	3921.39
MW - 13	09/11/18	3975.00	-	53.65	0.00	3921.35
MW - 13	11/14/18	3974.55	-	53.65	0.00	3920.90
MW - 13	12/18/18	3975.00	-	53.60	0.00	3921.40
MW - 13	02/18/19	3975.00	-	53.64	0.00	3921.36
MW - 13	05/14/19	3975.00	-	53.60	0.00	3921.40
MW - 13	08/19/19	3975.00	-	53.79	0.00	3921.21
MW - 13	11/11/19	3975.00	-	53.84	0.00	3921.16
MW - 13	02/18/20	3975.00	-	53.76	0.00	3921.24
MW - 13	05/05/20	3975.00	-	53.76	0.00	3921.24
MW - 13	06/11/20	3975.00	-	53.80	0.00	3921.20
MW - 13	09/23/20	3975.00	-	53.91	0.00	3921.09
MW - 13	12/04/20	3975.00	-	53.93	0.00	3921.07
MW - 13	03/23/21	3975.00	-	53.90	0.00	3921.10
MW - 13	06/04/21	3975.00	-	53.95	0.00	3921.05
MW - 13	09/30/21	3975.00	-	54.06	0.00	3920.94
MW - 13	12/09/21	3975.00	-	54.10	0.00	3920.90
MW - 14	03/02/00	3976.15	-	54.49	0.00	3921.66
MW - 14	04/25/00	3976.15	-	54.55	0.00	3921.60
MW - 14	09/06/00	3976.15	-	54.61	0.00	3921.54
MW - 14	11/28/00	3976.15	-	54.61	0.00	3921.54
MW - 14	02/21/01	3976.15	-	54.44	0.00	3921.71
MW - 14	05/31/01	3976.15	-	54.45	0.00	3921.70
MW - 14	08/23/01	3976.15	-	54.47	0.00	3921.68
MW - 14	11/21/01	3976.15	-	54.50	0.00	3921.65
MW - 14	02/13/02	3976.15	-	54.55	0.00	3921.60
MW - 14	06/12/02	3976.15	-	54.52	0.00	3921.63
MW - 14	08/26/02	3976.15	-	54.53	0.00	3921.62
MW - 14	11/21/02	3976.15	-	54.57	0.00	3921.58
MW - 14	02/05/03	3976.15	-	54.52	0.00	3921.63

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	05/07/03	3976.15	-	54.51	0.00	3921.64
MW - 14	08/18/03	3976.15	-	54.57	0.00	3921.58
MW - 14	12/01/03	3976.15	-	54.61	0.00	3921.54
MW - 14	02/05/04	3976.15	-	54.60	0.00	3921.55
MW - 14	05/05/04	3976.15	-	54.58	0.00	3921.57
MW - 14	09/01/04	3976.15	-	54.65	0.00	3921.50
MW - 14	12/15/04	3976.15	-	54.60	0.00	3921.55
MW - 14	03/22/05	3976.15	-	54.40	0.00	3921.75
MW - 14	06/22/05	3976.15	-	54.29	0.00	3921.86
MW - 14	09/21/05	3976.15	-	54.21	0.00	3921.94
MW - 14	12/16/05	3976.15	-	54.14	0.00	3922.01
MW - 14	03/20/06	3976.15	-	54.11	0.00	3922.04
MW - 14	06/21/06	3976.15	-	54.06	0.00	3922.09
MW - 14	09/27/06	3976.15	-	54.04	0.00	3922.11
MW - 14	12/04/06	3976.15	-	54.02	0.00	3922.13
MW - 14	02/09/07	3976.15	-	54.01	0.00	3922.14
MW - 14	02/23/07	3976.15	-	53.96	0.00	3922.19
MW - 14	03/14/07	3976.15	-	53.99	0.00	3922.16
MW - 14	05/29/07	3976.15	-	53.94	0.00	3922.21
MW - 14	08/30/07	3976.15	-	53.92	0.00	3922.23
MW - 14	11/12/07	3976.15	-	53.87	0.00	3922.28
MW - 14	03/07/08	3976.15	-	53.81	0.00	3922.34
MW - 14	06/02/08	3976.15	-	53.75	0.00	3922.40
MW - 14	09/03/08	3976.15	-	53.75	0.00	3922.40
MW - 14	12/08/08	3976.15	-	53.70	0.00	3922.45
MW - 14	02/19/09	3976.15	-	53.71	0.00	3922.44
MW - 14	05/20/09	3976.15	-	53.69	0.00	3922.46
MW - 14	08/12/09	3976.15	-	53.69	0.00	3922.46
MW - 14	11/04/09	3976.15	-	53.66	0.00	3922.49
MW - 14	11/11/09	3976.15	-	53.66	0.00	3922.49
MW - 14	11/18/09	3976.15	-	53.65	0.00	3922.50
MW - 14	11/25/09	3976.15	-	53.65	0.00	3922.50
MW - 14	12/02/09	3976.15	-	52.02	0.00	3924.13
MW - 14	01/07/10	3976.15	-	53.64	0.00	3922.51
MW - 14	02/02/10	3976.15	-	53.63	0.00	3922.52
MW - 14	02/11/10	3976.15	-	53.63	0.00	3922.52
MW - 14	05/17/10	3976.15	-	53.72	0.00	3922.43
MW - 14	08/16/10	3976.15	-	53.71	0.00	3922.44
MW - 14	11/10/10	3976.15	-	53.70	0.00	3922.45
MW - 14	02/28/11	3976.15	-	53.71	0.00	3922.44
MW - 14	03/04/11	3976.15	-	53.56	0.00	3922.59
MW - 14	04/28/11	3976.15	-	53.63	0.00	3922.52
MW - 14	05/04/11	3976.15	-	52.38	0.00	3923.77

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	05/11/11	3976.15	-	53.59	0.00	3922.56
MW - 14	05/12/11	3976.15	-	53.58	0.00	3922.57
MW - 14	05/18/11	3976.15	-	53.57	0.00	3922.58
MW - 14	05/23/11	3976.15	-	53.62	0.00	3922.53
MW - 14	06/08/11	3976.15	-	53.45	0.00	3922.70
MW - 14	06/16/11	3976.15	-	53.53	0.00	3922.62
MW - 14	06/22/11	3976.15	-	53.52	0.00	3922.63
MW - 14	06/30/11	3976.15	-	53.71	0.00	3922.44
MW - 14	07/06/11	3976.15	-	53.60	0.00	3922.55
MW - 14	07/13/11	3976.15	-	53.66	0.00	3922.49
MW - 14	07/15/11	3976.15	-	53.67	0.00	3922.48
MW - 14	07/19/11	3976.15	-	53.62	0.00	3922.53
MW - 14	07/21/11	3976.15	-	53.58	0.00	3922.57
MW - 14	07/25/11	3976.15	-	53.57	0.00	3922.58
MW - 14	07/28/11	3976.15	-	53.62	0.00	3922.53
MW - 14	08/02/11	3976.15	-	53.70	0.00	3922.45
MW - 14	08/09/11	3976.15	-	53.66	0.00	3922.49
MW - 14	08/12/11	3976.15	-	53.67	0.00	3922.48
MW - 14	08/15/11	3976.15	-	53.67	0.00	3922.48
MW - 14	08/16/11	3976.15	-	53.66	0.00	3922.49
MW - 14	08/19/11	3976.15	-	53.69	0.00	3922.46
MW - 14	08/23/11	3976.15	-	53.71	0.00	3922.44
MW - 14	08/26/11	3976.15	-	53.72	0.00	3922.43
MW - 14	08/30/11	3976.15	-	53.63	0.00	3922.52
MW - 14	09/01/11	3976.15	-	53.68	0.00	3922.47
MW - 14	09/15/11	3976.15	-	53.68	0.00	3922.47
MW - 14	09/22/11	3976.15	-	53.61	0.00	3922.54
MW - 14	10/11/11	3976.15	-	53.72	0.00	3922.43
MW - 14	10/13/11	3976.15	-	53.76	0.00	3922.39
MW - 14	10/26/11	3976.15	-	53.70	0.00	3922.45
MW - 14	11/22/11	3976.15	-	53.66	0.00	3922.49
MW - 14	12/29/11	3976.15	-	53.63	0.00	3922.52
MW - 14	01/26/12	3976.15	-	53.64	0.00	3922.51
MW - 14	02/28/12	3976.15	-	53.62	0.00	3922.53
MW - 14	03/20/12	3976.15	-	53.68	0.00	3922.47
MW - 14	03/27/12	3976.15	-	53.65	0.00	3922.50
MW - 14	05/17/12	3976.15	-	53.64	0.00	3922.51
MW - 14	08/01/12	3976.15	-	53.75	0.00	3922.40
MW - 14	10/25/12	3976.15	-	53.80	0.00	3922.35
MW - 14	11/29/12	3976.15	-	53.81	0.00	3922.34
MW - 14	02/11/13	3976.15	-	53.73	0.00	3922.42
MW - 14	04/11/13	3976.15	-	53.96	0.00	3922.19
MW - 14	05/06/13	3976.15	-	53.82	0.00	3922.33

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	05/29/13	3976.15	-	53.93	0.00	3922.22
MW - 14	06/26/13	3976.15	-	53.86	0.00	3922.29
MW - 14	07/31/13	3976.15	-	53.79	0.00	3922.36
MW - 14	08/06/13	3976.15	-	53.82	0.00	3922.33
MW - 14	09/30/13	3976.15	-	53.90	0.00	3922.25
MW - 14	11/19/13	3976.15	-	53.96	0.00	3922.19
MW - 14	02/04/14	3976.15	-	53.95	0.00	3922.20
MW - 14	04/28/14	3976.15	-	53.94	0.00	3922.21
MW - 14	05/28/14	3976.15	-	53.96	0.00	3922.19
MW - 14	07/30/14	3976.15	-	54.00	0.00	3922.15
MW - 14	08/23/14	3976.15	-	54.06	0.00	3922.09
MW - 14	10/31/14	3976.15	-	54.04	0.00	3922.11
MW - 14	11/18/14	3976.15	-	54.05	0.00	3922.10
MW - 14	11/18/14	3976.15	-	52.46	0.00	3923.69
MW - 14	01/09/15	3976.15	-	54.02	0.00	3922.13
MW - 14	02/19/15	3976.15	-	54.02	0.00	3922.13
MW - 14	03/31/15	3976.15	-	54.02	0.00	3922.13
MW - 14	04/09/15	3976.15	-	53.96	0.00	3922.19
MW - 14	05/12/15	3976.15	-	53.98	0.00	3922.17
MW - 14	07/27/15	3976.15	-	54.04	0.00	3922.11
MW - 14	08/18/15	3976.15	-	53.92	0.00	3922.23
MW - 14	10/08/15	3976.15	-	54.05	0.00	3922.10
MW - 14	11/23/15	3976.15	-	54.01	0.00	3922.14
MW - 14	01/12/16	3976.15	-	54.07	0.00	3922.08
MW - 14	02/24/16	3976.15	-	54.06	0.00	3922.09
MW - 14	06/13/16	3976.15	-	54.06	0.00	3922.09
MW - 14	08/02/16	3976.15	-	54.18	0.00	3921.97
MW - 14	11/28/16	3976.15	-	54.14	0.00	3922.01
MW - 14	02/21/17	3976.15	-	54.11	0.00	3922.04
MW - 14	05/24/17	3976.15	-	54.08	0.00	3922.07
MW - 14	07/12/17	3976.15	-	54.14	0.00	3922.01
MW - 14	08/11/17	3976.15	-	54.16	0.00	3921.99
MW - 14	10/18/17	3976.15	-	54.21	0.00	3921.94
MW - 14	11/28/17	3976.15	-	54.21	0.00	3921.94
MW - 14	01/16/18	3976.15	-	54.21	0.00	3921.94
MW - 14	02/26/18	3976.15	-	54.18	0.00	3921.97
MW - 14	04/03/18	3976.15	-	54.16	0.00	3921.99
MW - 14	04/17/18	3976.15	-	54.18	0.00	3921.97
MW - 14	05/07/18	3976.15	-	54.20	0.00	3921.95
MW - 14	06/26/18	3976.15	-	54.25	0.00	3921.90
MW - 14	08/09/18	3976.15	-	54.28	0.00	3921.87
MW - 14	11/14/18	3976.15	-	54.31	0.00	3921.84
MW - 14	11/27/18	3976.15	-	54.34	0.00	3921.81

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	12/18/18	3976.15	-	54.31	0.00	3921.84
MW - 14	02/18/19	3976.15	-	54.33	0.00	3921.82
MW - 14	05/14/19	3976.15	-	54.29	0.00	3921.86
MW - 14	08/19/19	3976.15	-	54.47	0.00	3921.68
MW - 14	11/11/19	3976.15	-	54.49	0.00	3921.66
MW - 14	02/18/20	3976.15	-	54.45	0.00	3921.70
MW - 14	05/05/20	3976.15	-	54.46	0.00	3921.69
MW - 14	06/11/20	3976.15	-	54.50	0.00	3921.65
MW - 14	09/23/20	3976.15	-	54.60	0.00	3921.55
MW - 14	12/04/20	3976.15	-	54.62	0.00	3921.53
MW - 14	03/23/21	3976.15	-	54.60	0.00	3921.55
MW - 14	06/04/21	3976.15	-	54.65	0.00	3921.50
MW - 14	09/30/21	3976.15	-	54.78	0.00	3921.37
MW - 14	12/09/21	3976.15	-	54.79	0.00	3921.36
MW - 15	03/02/00	3974.69	-	53.31	0.00	3921.38
MW - 15	04/25/00	3974.69	-	53.39	0.00	3921.30
MW - 15	09/06/00	3974.69	-	53.45	0.00	3921.24
MW - 15	11/28/00	3974.69	-	53.45	0.00	3921.24
MW - 15	02/21/01	3974.69	-	53.35	0.00	3921.34
MW - 15	05/31/01	3974.69	-	53.25	0.00	3921.44
MW - 15	08/23/01	3974.69	-	53.32	0.00	3921.37
MW - 15	11/21/01	3974.69	-	53.46	0.00	3921.23
MW - 15	02/13/02	3974.69	-	53.39	0.00	3921.30
MW - 15	06/12/02	3974.69	-	53.36	0.00	3921.33
MW - 15	08/26/02	3974.69	-	53.45	0.00	3921.24
MW - 15	11/21/02	3974.69	-	53.42	0.00	3921.27
MW - 15	02/05/03	3974.69	-	53.40	0.00	3921.29
MW - 15	05/07/03	3974.69	-	53.35	0.00	3921.34
MW - 15	08/18/03	3974.69	-	53.41	0.00	3921.28
MW - 15	12/01/03	3974.69	-	53.45	0.00	3921.24
MW - 15	02/05/04	3974.69	-	53.45	0.00	3921.24
MW - 15	05/05/04	3974.69	-	53.42	0.00	3921.27
MW - 15	09/01/04	3974.69	-	53.47	0.00	3921.22
MW - 15	12/15/04	3974.69	-	53.40	0.00	3921.29
MW - 15	03/22/05	3974.69	-	53.19	0.00	3921.50
MW - 15	06/22/05	3974.69	-	53.14	0.00	3921.55
MW - 15	09/21/05	3974.69	-	53.05	0.00	3921.64
MW - 15	12/16/05	3974.69	-	52.99	0.00	3921.70
MW - 15	03/20/06	3974.69	-	52.96	0.00	3921.73
MW - 15	06/21/06	3974.69	-	52.91	0.00	3921.78
MW - 15	09/27/06	3974.69	-	52.88	0.00	3921.81
MW - 15	12/04/06	3974.69	-	52.88	0.00	3921.81

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	02/09/07	3974.69	-	52.87	0.00	3921.82
MW - 15	02/23/07	3974.69	-	52.80	0.00	3921.89
MW - 15	03/14/07	3974.69	-	52.81	0.00	3921.88
MW - 15	05/29/07	3974.69	-	52.79	0.00	3921.90
MW - 15	08/30/07	3974.69	-	52.77	0.00	3921.92
MW - 15	11/12/07	3974.69	-	52.73	0.00	3921.96
MW - 15	03/07/08	3974.69	-	52.66	0.00	3922.03
MW - 15	06/02/08	3974.69	-	52.60	0.00	3922.09
MW - 15	09/03/08	3974.69	-	52.62	0.00	3922.07
MW - 15	12/08/08	3974.69	-	52.62	0.00	3922.07
MW - 15	02/19/09	3974.69	-	52.56	0.00	3922.13
MW - 15	05/20/09	3974.69	-	52.53	0.00	3922.16
MW - 15	08/12/09	3974.69	-	52.53	0.00	3922.16
MW - 15	11/04/09	3974.69	-	52.47	0.00	3922.22
MW - 15	11/11/09	3974.69	-	52.46	0.00	3922.23
MW - 15	11/18/09	3974.69	-	52.50	0.00	3922.19
MW - 15	11/25/09	3974.69	-	52.51	0.00	3922.18
MW - 15	12/02/09	3974.69	-	52.49	0.00	3922.20
MW - 15	01/07/10	3974.69	-	52.50	0.00	3922.19
MW - 15	02/02/10	3974.69	-	52.47	0.00	3922.22
MW - 15	02/11/10	3974.69	-	52.47	0.00	3922.22
MW - 15	05/17/10	3974.69	-	52.59	0.00	3922.10
MW - 15	08/16/10	3974.69	-	52.59	0.00	3922.10
MW - 15	11/10/10	3974.69	-	52.58	0.00	3922.11
MW - 15	02/28/11	3974.69	-	52.59	0.00	3922.10
MW - 15	03/04/11	3974.69	-	52.43	0.00	3922.26
MW - 15	04/28/11	3974.69	-	52.38	0.00	3922.31
MW - 15	05/04/11	3974.69	-	52.37	0.00	3922.32
MW - 15	05/11/11	3974.69	-	52.39	0.00	3922.30
MW - 15	05/12/11	3974.69	-	52.48	0.00	3922.21
MW - 15	05/18/11	3974.69	-	52.51	0.00	3922.18
MW - 15	05/23/11	3974.69	-	52.30	0.00	3922.39
MW - 15	06/08/11	3974.69	-	52.53	0.00	3922.16
MW - 15	06/16/11	3974.69	-	52.46	0.00	3922.23
MW - 15	06/22/11	3974.69	-	52.44	0.00	3922.25
MW - 15	06/30/11	3974.69	-	52.49	0.00	3922.20
MW - 15	07/06/11	3974.69	-	52.48	0.00	3922.21
MW - 15	07/13/11	3974.69	-	52.49	0.00	3922.20
MW - 15	07/15/11	3974.69	-	52.54	0.00	3922.15
MW - 15	07/19/11	3974.69	-	52.50	0.00	3922.19
MW - 15	07/21/11	3974.69	-	52.52	0.00	3922.17
MW - 15	07/26/11	3974.69	-	52.50	0.00	3922.19
MW - 15	07/28/11	3974.69	-	52.58	0.00	3922.11

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	08/02/11	3974.69	-	52.63	0.00	3922.06
MW - 15	08/09/11	3974.69	-	52.65	0.00	3922.04
MW - 15	08/12/11	3974.69	-	52.70	0.00	3921.99
MW - 15	08/15/11	3974.69	-	52.70	0.00	3921.99
MW - 15	08/16/11	3974.69	-	52.69	0.00	3922.00
MW - 15	08/19/11	3974.69	-	52.72	0.00	3921.97
MW - 15	08/23/11	3974.69	-	52.74	0.00	3921.95
MW - 15	08/26/11	3974.69	-	52.76	0.00	3921.93
MW - 15	08/30/11	3974.69	-	52.50	0.00	3922.19
MW - 15	09/01/11	3974.69	-	52.53	0.00	3922.16
MW - 15	09/15/11	3974.69	-	52.58	0.00	3922.11
MW - 15	09/22/11	3974.69	-	52.52	0.00	3922.17
MW - 15	10/11/11	3974.69	-	52.13	0.00	3922.56
MW - 15	10/13/11	3974.69	-	52.64	0.00	3922.05
MW - 15	10/26/11	3974.69	-	52.59	0.00	3922.10
MW - 15	11/22/11	3974.69	-	52.54	0.00	3922.15
MW - 15	12/29/11	3974.69	-	52.46	0.00	3922.23
MW - 15	01/26/12	3974.69	-	52.55	0.00	3922.14
MW - 15	01/31/12	3974.69	-	52.56	0.00	3922.13
MW - 15	02/15/12	3974.69	-	52.50	0.00	3922.19
MW - 15	02/28/12	3974.69	-	52.51	0.00	3922.18
MW - 15	03/20/12	3974.69	-	52.57	0.00	3922.12
MW - 15	03/27/12	3974.69	-	52.54	0.00	3922.15
MW - 15	04/10/12	3974.69	-	52.54	0.00	3922.15
MW - 15	04/19/12	3974.69	-	52.55	0.00	3922.14
MW - 15	04/26/12	3974.69	-	52.49	0.00	3922.20
MW - 15	05/08/12	3974.69	-	52.50	0.00	3922.19
MW - 15	05/15/12	3974.69	-	52.51	0.00	3922.18
MW - 15	05/17/12	3974.69	-	52.49	0.00	3922.20
MW - 15	06/05/12	3974.69	-	52.53	0.00	3922.16
MW - 15	06/21/12	3974.69	-	53.09	0.00	3921.60
MW - 15	06/28/12	3974.69	-	53.16	0.00	3921.53
MW - 15	08/01/12	3974.69	-	52.60	0.00	3922.09
MW - 15	10/02/12	3974.69	-	52.70	0.00	3921.99
MW - 15	10/09/12	3974.69	-	52.75	0.00	3921.94
MW - 15	10/16/12	3974.69	-	52.67	0.00	3922.02
MW - 15	10/25/12	3974.69	-	52.67	0.00	3922.02
MW - 15	10/30/12	3974.69	-	52.68	0.00	3922.01
MW - 15	11/29/12	3974.69	-	52.73	0.00	3921.96
MW - 15	12/14/12	3974.69	-	52.71	0.00	3921.98
MW - 15	02/11/13	3974.69	-	52.65	0.00	3922.04
MW - 15	04/11/13	3974.69	-	52.91	0.00	3921.78
MW - 15	04/15/13	3974.69	-	52.91	0.00	3921.78

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	04/22/13	3974.69	-	52.66	0.00	3922.03
MW - 15	05/06/13	3974.69	-	52.66	0.00	3922.03
MW - 15	05/09/13	3974.69	-	52.68	0.00	3922.01
MW - 15	05/20/13	3974.69	-	52.69	0.00	3922.00
MW - 15	05/24/13	3974.69	-	52.83	0.00	3921.86
MW - 15	05/29/13	3974.69	-	52.92	0.00	3921.77
MW - 15	05/31/13	3974.69	-	52.82	0.00	3921.87
MW - 15	06/07/13	3974.69	-	52.93	0.00	3921.76
MW - 15	06/12/13	3974.69	-	52.91	0.00	3921.78
MW - 15	06/14/13	3974.69	-	52.86	0.00	3921.83
MW - 15	06/19/13	3974.69	-	52.88	0.00	3921.81
MW - 15	06/21/13	3974.69	-	52.94	0.00	3921.75
MW - 15	06/25/13	3974.69	-	52.75	0.00	3921.94
MW - 15	06/26/13	3974.69	-	52.88	0.00	3921.81
MW - 15	07/03/13	3974.69	-	52.86	0.00	3921.83
MW - 15	07/09/13	3974.69	-	52.87	0.00	3921.82
MW - 15	07/11/13	3974.69	-	52.92	0.00	3921.77
MW - 15	07/24/13	3974.69	-	52.84	0.00	3921.85
MW - 15	07/26/13	3974.69	-	52.88	0.00	3921.81
MW - 15	07/31/13	3974.69	-	52.83	0.00	3921.86
MW - 15	08/02/13	3974.69	-	52.87	0.00	3921.82
MW - 15	08/06/13	3974.69	-	52.78	0.00	3921.91
MW - 15	08/14/13	3974.69	-	52.89	0.00	3921.80
MW - 15	08/21/13	3974.69	-	52.91	0.00	3921.78
MW - 15	08/26/13	3974.69	-	52.87	0.00	3921.82
MW - 15	09/06/13	3974.69	-	52.87	0.00	3921.82
MW - 15	08/30/13	3974.69	-	52.84	0.00	3921.85
MW - 15	09/13/13	3974.69	-	52.80	0.00	3921.89
MW - 15	09/27/13	3974.69	-	52.93	0.00	3921.76
MW - 15	09/30/13	3974.69	-	52.91	0.00	3921.78
MW - 15	10/02/13	3974.69	-	52.92	0.00	3921.77
MW - 15	10/03/13	3974.69	-	52.88	0.00	3921.81
MW - 15	10/11/13	3974.69	-	52.76	0.00	3921.93
MW - 15	10/17/13	3974.69	-	52.79	0.00	3921.90
MW - 15	10/22/13	3974.69	-	52.78	0.00	3921.91
MW - 15	10/24/13	3974.69	-	52.96	0.00	3921.73
MW - 15	10/30/13	3974.69	-	52.92	0.00	3921.77
MW - 15	11/01/13	3974.69	-	52.85	0.00	3921.84
MW - 15	11/04/13	3974.69	-	52.83	0.00	3921.86
MW - 15	11/08/13	3974.69	-	52.95	0.00	3921.74
MW - 15	11/13/13	3974.69	-	52.80	0.00	3921.89
MW - 15	11/15/13	3974.69	-	52.81	0.00	3921.88
MW - 15	11/19/13	3974.69	-	52.79	0.00	3921.90

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	12/08/13	3974.69	-	52.79	0.00	3921.90
MW - 15	12/12/13	3974.69	-	52.85	0.00	3921.84
MW - 15	12/16/13	3974.69	-	52.83	0.00	3921.86
MW - 15	12/18/13	3974.69	-	52.84	0.00	3921.85
MW - 15	12/23/13	3974.69	-	52.94	0.00	3921.75
MW - 15	12/30/13	3974.69	-	52.89	0.00	3921.80
MW - 15	01/01/14	3974.69	-	52.85	0.00	3921.84
MW - 15	01/06/14	3974.69	-	52.83	0.00	3921.86
MW - 15	01/15/14	3974.69	-	52.98	0.00	3921.71
MW - 15	01/17/14	3974.69	-	52.82	0.00	3921.87
MW - 15	01/20/14	3974.69	-	52.80	0.00	3921.89
MW - 15	01/22/14	3974.69	-	53.36	0.00	3921.33
MW - 15	01/29/14	3974.69	-	52.84	0.00	3921.85
MW - 15	02/04/14	3974.69	-	52.81	0.00	3921.88
MW - 15	02/13/14	3974.69	-	52.83	0.00	3921.86
MW - 15	02/21/14	3974.69	-	52.98	0.00	3921.71
MW - 15	02/26/14	3974.69	-	53.00	0.00	3921.69
MW - 15	03/12/14	3974.69	-	52.98	0.00	3921.71
MW - 15	03/14/14	3974.69	-	52.95	0.00	3921.74
MW - 15	03/17/14	3974.69	-	52.94	0.00	3921.75
MW - 15	03/24/14	3974.69	-	52.92	0.00	3921.77
MW - 15	03/26/14	3974.69	-	52.91	0.00	3921.78
MW - 15	04/09/14	3974.69	-	52.79	0.00	3921.90
MW - 15	04/28/14	3974.69	-	52.80	0.00	3921.89
MW - 15	05/28/14	3974.69	-	52.92	0.00	3921.77
MW - 15	06/18/14	3974.69	-	52.83	0.00	3921.86
MW - 15	07/30/14	3974.69	-	52.89	0.00	3921.80
MW - 15	08/23/14	3974.69	-	52.93	0.00	3921.76
MW - 15	10/31/14	3974.69	-	52.94	0.00	3921.75
MW - 15	11/18/14	3974.69	-	52.91	0.00	3921.78
MW - 15	01/09/15	3974.69	-	52.87	0.00	3921.82
MW - 15	02/19/15	3974.69	-	52.90	0.00	3921.79
MW - 15	03/31/15	3974.69	-	52.93	0.00	3921.76
MW - 15	04/09/15	3974.69	-	52.80	0.00	3921.89
MW - 15	05/12/15	3974.69	-	52.84	0.00	3921.85
MW - 15	07/27/15	3974.69	-	52.95	0.00	3921.74
MW - 15	08/18/15	3974.69	-	52.88	0.00	3921.81
MW - 15	10/08/15	3974.69	-	53.03	0.00	3921.66
MW - 15	11/23/15	3974.69	-	52.91	0.00	3921.78
MW - 15	01/12/16	3974.69	-	52.90	0.00	3921.79
MW - 15	02/24/16	3974.69	-	52.90	0.00	3921.79
MW - 15	06/13/16	3974.69	-	52.93	0.00	3921.76
MW - 15	08/02/16	3974.69	-	53.07	0.00	3921.62

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	11/28/16	3974.69	-	52.98	0.00	3921.71
MW - 15	02/21/17	3974.69	-	52.95	0.00	3921.74
MW - 15	05/24/17	3974.69	-	52.93	0.00	3921.76
MW - 15	07/12/17	3974.69	-	53.05	0.00	3921.64
MW - 15	08/11/17	3974.69	-	53.01	0.00	3921.68
MW - 15	10/18/17	3974.69	-	53.09	0.00	3921.60
MW - 15	11/28/17	3974.69	-	53.06	0.00	3921.63
MW - 15	01/16/18	3974.69	-	53.05	0.00	3921.64
MW - 15	02/26/18	3974.69	-	53.01	0.00	3921.68
MW - 15	04/03/18	3974.69	-	53.02	0.00	3921.67
MW - 15	04/17/18	3974.69	-	53.01	0.00	3921.68
MW - 15	05/07/18	3974.69	-	53.11	0.00	3921.58
MW - 15	06/26/18	3974.69	-	53.08	0.00	3921.61
MW - 15	08/09/18	3974.69	-	53.14	0.00	3921.55
MW - 15	09/11/18	3974.69	-	53.15	0.00	3921.54
MW - 15	09/11/18	3974.69	-	53.21	0.00	3921.48
MW - 15	11/14/18	3974.69	-	53.21	0.00	3921.48
MW - 15	12/18/18	3974.69	-	53.12	0.00	3921.57
MW - 15	02/18/19	3974.69	-	53.16	0.00	3921.53
MW - 15	05/14/19	3974.69	-	53.11	0.00	3921.58
MW - 15	08/19/19	3974.69	-	53.30	0.00	3921.39
MW - 15	11/11/19	3974.69	-	53.32	0.00	3921.37
MW - 15	02/18/20	3974.69	-	53.28	0.00	3921.41
MW - 15	05/05/20	3974.69	-	53.31	0.00	3921.38
MW - 15	06/11/20	3974.69	-	53.34	0.00	3921.35
MW - 15	09/23/20	3974.69	-	53.45	0.00	3921.24
MW - 15	12/04/20	3974.69	-	53.47	0.00	3921.22
MW - 15	03/23/21	3974.69	-	53.44	0.00	3921.25
MW - 15	06/04/21	3974.69	-	53.51	0.00	3921.18
MW - 15	09/30/21	3974.69	-	53.61	0.00	3921.08
MW - 15	12/09/21	3974.69	-	53.62	0.00	3921.07
MW - 16	12/23/02	3975.12	-	53.44	0.00	3921.68
MW - 16	01/10/03	3975.12	-	53.45	0.00	3921.67
MW - 16	05/07/03	3975.12	-	53.38	0.00	3921.74
MW - 16	08/18/03	3975.12	-	53.44	0.00	3921.68
MW - 16	12/01/03	3975.12	-	53.48	0.00	3921.64
MW - 16	02/05/04	3975.12	-	53.48	0.00	3921.64
MW - 16	05/05/04	3975.12	-	53.41	0.00	3921.71
MW - 16	09/01/04	3975.12	-	53.52	0.00	3921.60
MW - 16	12/15/04	3975.12	-	53.48	0.00	3921.64
MW - 16	03/22/05	3975.12	-	53.26	0.00	3921.86
MW - 16	06/22/05	3975.12	-	53.15	0.00	3921.97

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 16	09/21/05	3975.12	-	53.08	0.00	3922.04
MW - 16	12/16/05	3975.12	-	53.02	0.00	3922.10
MW - 16	03/20/06	3975.12	-	52.97	0.00	3922.15
MW - 16	06/21/06	3975.12	-	52.94	0.00	3922.18
MW - 16	09/27/06	3975.12	-	52.90	0.00	3922.22
MW - 16	12/04/06	3975.12	-	52.88	0.00	3922.24
MW - 16	03/14/07	3975.12	-	52.84	0.00	3922.28
MW - 16	05/29/07	3975.12	-	52.80	0.00	3922.32
MW - 16	08/30/07	3975.12	-	52.78	0.00	3922.34
MW - 16	11/12/07	3975.12	-	52.73	0.00	3922.39
MW - 16	03/07/08	3975.12	-	52.66	0.00	3922.46
MW - 16	06/02/08	3975.12	-	52.62	0.00	3922.50
MW - 16	09/03/08	3975.12	-	52.63	0.00	3922.49
MW - 16	12/08/08	3975.12	-	52.57	0.00	3922.55
MW - 16	02/19/09	3975.12	-	52.58	0.00	3922.54
MW - 16	05/20/09	3975.12	-	52.54	0.00	3922.58
MW - 16	08/12/09	3975.12	-	52.55	0.00	3922.57
MW - 16	11/25/09	3975.12	-	52.51	0.00	3922.61
MW - 16	01/07/10	3975.12	-	52.51	0.00	3922.61
MW - 16	02/11/10	3975.12	-	52.48	0.00	3922.64
MW - 16	05/17/10	3975.12	-	52.60	0.00	3922.52
MW - 16	08/16/10	3975.12	-	52.61	0.00	3922.51
MW - 16	11/10/10	3975.12	-	52.61	0.00	3922.51
MW - 16	02/28/11	3975.12	-	52.60	0.00	3922.52
MW - 16	05/12/11	3975.12	-	52.29	0.00	3922.83
MW - 16	08/15/11	3975.12	-	52.56	0.00	3922.56
MW - 16	11/22/11	3975.12	-	52.40	0.00	3922.72
MW - 16	02/28/12	3975.12	-	52.41	0.00	3922.71
MW - 16	05/17/12	3975.12	-	52.50	0.00	3922.62
MW - 16	08/01/12	3975.12	-	52.61	0.00	3922.51
MW - 16	10/25/12	3975.12	-	52.64	0.00	3922.48
MW - 16	11/29/12	3975.12	-	52.41	0.00	3922.71
MW - 16	02/11/13	3975.12	-	52.59	0.00	3922.53
MW - 16	04/11/13	3975.12	-	52.19	0.00	3922.93
MW - 16	05/06/13	3975.12	-	52.67	0.00	3922.45
MW - 16	05/29/13	3975.12	-	52.42	0.00	3922.70
MW - 16	06/26/13	3975.12	-	52.19	0.00	3922.93
MW - 16	07/31/13	3975.12	-	52.32	0.00	3922.80
MW - 16	08/06/13	3975.12	-	52.42	0.00	3922.70
MW - 16	09/30/13	3975.12	-	52.49	0.00	3922.63
MW - 16	11/19/13	3975.12	-	52.81	0.00	3922.31
MW - 16	02/04/14	3975.12	-	52.81	0.00	3922.31
MW - 16	04/28/14	3975.12	-	52.81	0.00	3922.31

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 16	05/28/14	3975.12	-	52.66	0.00	3922.46
MW - 16	07/30/14	3975.12	-	52.80	0.00	3922.32
MW - 16	08/23/14	3975.12	-	52.90	0.00	3922.22
MW - 16	10/31/14	3975.12	-	52.86	0.00	3922.26
MW - 16	11/18/14	3975.12	-	52.90	0.00	3922.22
MW - 16	01/09/15	3975.12	-	52.88	0.00	3922.24
MW - 16	02/19/15	3975.12	-	52.84	0.00	3922.28
MW - 16	03/31/15	3975.12	-	52.72	0.00	3922.40
MW - 16	04/09/15	3975.12	-	52.80	0.00	3922.32
MW - 16	05/12/15	3975.12	-	52.86	0.00	3922.26
MW - 16	07/27/15	3975.12	-	52.72	0.00	3922.40
MW - 16	08/18/15	3975.12	-	52.60	0.00	3922.52
MW - 16	10/08/15	3975.12	-	52.69	0.00	3922.43
MW - 16	11/23/15	3975.12	-	52.81	0.00	3922.31
MW - 16	01/12/16	3975.12	-	52.92	0.00	3922.20
MW - 16	02/24/16	3975.12	-	52.90	0.00	3922.22
MW - 16	06/13/16	3975.12	-	52.91	0.00	3922.21
MW - 16	08/02/16	3975.12	-	52.96	0.00	3922.16
MW - 16	11/28/16	3975.12	-	53.00	0.00	3922.12
MW - 16	02/21/17	3975.12	-	52.98	0.00	3922.14
MW - 16	05/24/17	3975.12	-	52.95	0.00	3922.17
MW - 16	07/12/17	3975.12	-	52.95	0.00	3922.17
MW - 16	08/11/17	3975.12	-	52.95	0.00	3922.17
MW - 16	10/18/17	3975.12	-	52.91	0.00	3922.21
MW - 16	11/28/17	3975.12	-	53.07	0.00	3922.05
MW - 16	01/16/18	3975.12	-	53.08	0.00	3922.04
MW - 16	02/26/18	3975.12	-	53.02	0.00	3922.10
MW - 16	04/03/18	3975.12	-	53.01	0.00	3922.11
MW - 16	04/17/18	3975.12	-	53.04	0.00	3922.08
MW - 16	05/07/18	3975.12	-	52.72	0.00	3922.40
MW - 16	06/26/18	3975.12	-	53.10	0.00	3922.02
MW - 16	08/09/18	3975.12	-	53.14	0.00	3921.98
MW - 16	11/14/18	3975.12	-	53.16	0.00	3921.96
MW - 16	12/18/18	3975.12	-	53.19	0.00	3921.93
MW - 16	02/18/18	3975.12	-	53.22	0.00	3921.90
MW - 16	02/18/19	3975.12	-	53.22	0.00	3921.90
MW - 16	05/14/19	3975.12	-	53.16	0.00	3921.96
MW - 16	08/19/19	3975.12	-	53.37	0.00	3921.75
MW - 16	11/11/19	3975.12	-	53.36	0.00	3921.76
MW - 16	02/18/20	3975.12	-	53.30	0.00	3921.82
MW - 16	05/05/20	3975.12	-	53.34	0.00	3921.78
MW - 16	06/11/20	3975.12	-	53.35	0.00	3921.77
MW - 16	09/23/20	3975.12	-	53.44	0.00	3921.68

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 16	12/04/20	3975.12	-	53.47	0.00	3921.65
MW - 16	12/24/20	3975.12	-	53.49	0.00	3921.63
MW - 16	03/23/21	3975.12	-	53.47	0.00	3921.65
MW - 16	06/04/21	3975.12	-	53.52	0.00	3921.60
MW - 16	09/30/21	3975.12	-	53.62	0.00	3921.50
MW - 16	12/09/21	3975.12	-	53.67	0.00	3921.45
MW - 17	12/23/02	3975.93	-	54.41	0.00	3921.52
MW - 17	01/10/03	3975.93	-	54.35	0.00	3921.58
MW - 17	05/07/03	3975.93	-	54.35	0.00	3921.58
MW - 17	08/18/03	3975.93	-	54.36	0.00	3921.57
MW - 17	12/01/03	3975.93	-	54.47	0.00	3921.46
MW - 17	02/05/04	3975.93	-	54.44	0.00	3921.49
MW - 17	05/05/04	3975.93	-	54.42	0.00	3921.51
MW - 17	09/01/04	3975.93	-	54.50	0.00	3921.43
MW - 17	12/15/04	3975.93	-	54.44	0.00	3921.49
MW - 17	03/22/05	3975.93	-	54.23	0.00	3921.70
MW - 17	06/22/05	3975.93	-	54.13	0.00	3921.80
MW - 17	09/21/05	3975.93	-	54.56	0.00	3921.37
MW - 17	12/16/05	3975.93	-	54.00	0.00	3921.93
MW - 17	03/20/06	3975.93	-	53.94	0.00	3921.99
MW - 17	08/09/06	PLUGGED & ABANDONED				
MW - 18	05/20/09	-	-	53.72	0.00	-
MW - 18	08/12/09	-	-	53.72	0.00	-
MW - 18	11/25/09	-	-	53.70	0.00	-
MW - 18	01/07/10	-	-	53.70	0.00	-
MW - 18	02/11/10	-	-	53.67	0.00	-
MW - 18	05/17/10	-	-	53.79	0.00	-
MW - 18	08/16/10	-	-	53.79	0.00	-
MW - 18	11/10/10	-	-	53.80	0.00	-
MW - 18	02/28/11	-	-	53.79	0.00	-
MW - 18	05/12/11	-	-	53.65	0.00	-
MW - 18	08/15/11	-	-	53.70	0.00	-
MW - 18	11/22/11	-	-	53.71	0.00	-
MW - 18	02/28/12	-	-	53.69	0.00	-
MW - 18	05/17/12	-	-	53.68	0.00	-
MW - 18	08/01/12	-	-	53.79	0.00	-
MW - 18	10/25/12	-	-	53.84	0.00	-
MW - 18	11/29/12	-	-	53.87	0.00	-
MW - 18	02/11/13	-	-	53.85	0.00	-
MW - 18	04/11/13	-	-	53.95	0.00	-
MW - 18	05/06/13	-	-	53.85	0.00	-

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 18	05/29/13	-	-	53.90	0.00	-
MW - 18	06/26/13	-	-	53.94	0.00	-
MW - 18	07/31/13	-	-	53.94	0.00	-
MW - 18	08/06/13	-	-	53.93	0.00	-
MW - 18	09/30/13	-	-	53.99	0.00	-
MW - 18	11/19/13	-	-	54.01	0.00	-
MW - 18	02/04/14	-	-	54.00	0.00	-
MW - 18	04/28/14	-	-	53.99	0.00	-
MW - 18	05/28/14	-	-	54.04	0.00	-
MW - 18	07/30/14	-	-	54.11	0.00	-
MW - 18	08/23/14	-	-	54.12	0.00	-
MW - 18	10/31/14	-	-	54.16	0.00	-
MW - 18	11/18/14	-	-	54.12	0.00	-
MW - 18	01/09/15	-	-	54.07	0.00	-
MW - 18	02/19/15	-	-	54.06	0.00	-
MW - 18	03/31/15	-	-	54.06	0.00	-
MW - 18	04/09/15	-	-	54.03	0.00	-
MW - 18	05/12/15	-	-	54.02	0.00	-
MW - 18	07/27/15	-	-	54.10	0.00	-
MW - 18	08/18/15	-	-	54.10	0.00	-
MW - 18	10/08/15	-	-	54.15	0.00	-
MW - 18	11/23/15	-	-	54.10	0.00	-
MW - 18	01/12/16	-	-	54.10	0.00	-
MW - 18	02/24/16	-	-	54.11	0.00	-
MW - 18	06/13/16	-	-	54.12	0.00	-
MW - 18	08/02/16	-	-	54.26	0.00	-
MW - 18	11/28/16	-	-	54.16	0.00	-
MW - 18	02/21/17	-	-	54.15	0.00	-
MW - 18	05/24/17	-	-	54.14	0.00	-
MW - 18	07/12/17	-	-	53.21	0.00	-
MW - 18	08/11/17	-	-	54.21	0.00	-
MW - 18	10/18/17	-	-	54.27	0.00	-
MW - 18	11/28/17	-	-	54.23	0.00	-
MW - 18	01/16/18	-	-	54.24	0.00	-
MW - 18	02/26/18	-	-	54.22	0.00	-
MW - 18	04/03/18	-	-	54.21	0.00	-
MW - 18	04/17/18	-	-	54.21	0.00	-
MW - 18	05/07/18	-	-	54.37	0.00	-
MW - 18	06/26/18	-	-	54.18	0.00	-
MW - 18	08/09/18	-	-	54.32	0.00	-
MW - 18	09/11/18	-	-	54.34	0.00	-
MW - 18	11/14/18	-	-	54.39	0.00	-
MW - 18	12/18/18	-	-	54.34	0.00	-

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 18	02/18/19	-	-	54.37	0.00	-
MW - 18	05/14/19	-	-	54.34	0.00	-
MW - 18	08/19/19	-	-	54.53	0.00	-
MW - 18	11/11/19	-	-	54.57	0.00	-
MW - 18	02/18/20	-	-	54.49	0.00	-
MW - 18	05/05/20	-	-	54.50	0.00	-
MW - 18	06/11/20	-	-	54.54	0.00	-
MW - 18	09/23/20	-	-	54.65	0.00	-
MW - 18	12/04/20	-	-	54.66	0.00	-
MW - 18	03/23/21	-	-	54.63	0.00	-
MW - 18	06/04/21	-	-	54.69	0.00	-
MW - 18	09/30/21	-	-	54.78	0.00	-
MW - 18	12/09/21	-	-	54.81	0.00	-
RW - 1	11/08/02	3970.79	48.44	51.55	3.11	3921.88
RW - 1	11/21/02	3970.79	49.01	49.04	0.03	3921.78
RW - 1	12/27/02	3970.79	48.48	51.37	2.89	3921.88
RW - 1	01/06/03	3970.79	49.48	51.13	1.65	3921.06
RW - 1	01/08/03	3970.79	48.46	51.20	2.74	3921.92
RW - 1	01/10/03	3970.79	48.95	48.97	0.02	3921.84
RW - 1	01/13/03	3970.79	48.65	50.36	1.71	3921.88
RW - 1	02/05/03	3970.79	48.51	51.32	2.81	3921.86
RW - 1	02/26/03	3970.79	48.41	51.34	2.93	3921.94
RW - 1	03/04/03	3970.79	48.41	51.34	2.93	3921.94
RW - 1	03/12/03	3970.79	48.44	51.41	2.97	3921.90
RW - 1	03/18/03	3970.79	48.51	51.51	3.00	3921.83
RW - 1	03/25/03	3970.79	48.85	49.04	0.19	3921.91
RW - 1	03/31/03	3970.79	48.92	49.07	0.15	3921.85
RW - 1	04/09/03	3970.79	48.97	49.00	0.03	3921.82
RW - 1	04/14/03	3970.79	sheen	48.99	0.00	3921.80
RW - 1	05/07/03	3970.79	48.39	51.12	2.73	3921.99
RW - 1	05/08/03	3970.79	48.46	51.21	2.75	3921.92
RW - 1	05/13/03	3970.79	48.49	51.32	2.83	3921.88
RW - 1	05/21/03	3970.79	48.57	51.36	2.79	3921.80
RW - 1	05/27/03	3970.79	48.44	51.27	2.83	3921.93
RW - 1	05/28/03	3970.79	48.54	51.45	2.91	3921.81
RW - 1	06/03/03	3970.79	48.52	51.48	2.96	3921.83
RW - 1	06/09/03	3970.79	48.46	51.40	2.94	3921.89
RW - 1	07/01/03	3970.79	48.51	51.40	2.89	3921.85
RW - 1	07/08/03	3970.79	48.53	49.37	0.84	3922.13
RW - 1	07/29/03	3970.79	48.43	51.24	2.81	3921.94
RW - 1	08/04/03	3970.79	48.71	51.60	2.89	3921.65
RW - 1	08/18/03	3970.79	48.69	49.08	0.39	3922.04

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	08/25/03	3970.79	48.69	51.65	2.96	3921.66
RW - 1	10/01/03	3970.79	48.60	49.12	0.52	3922.11
RW - 1	10/06/03	3970.79	48.97	49.04	0.07	3921.81
RW - 1	10/08/03	3970.79	49.14	50.18	1.04	3921.49
RW - 1	10/15/03	3970.79	49.15	49.75	0.60	3921.55
RW - 1	11/12/03	3970.79	48.12	51.02	2.90	3922.24
RW - 1	11/19/03	3970.79	58.42	51.34	-7.08	3913.43
RW - 1	12/01/03	3970.79	49.21	50.49	1.28	3921.39
RW - 1	12/10/03	3970.79	48.68	50.92	2.24	3921.77
RW - 1	02/05/04	3970.79	49.18	51.71	2.53	3921.23
RW - 1	02/17/04	3970.79	48.71	51.51	2.80	3921.66
RW - 1	02/25/04	3970.79	49.15	51.67	2.52	3921.26
RW - 1	03/09/04	3970.79	48.60	49.32	0.72	3922.08
RW - 1	03/16/04	3970.79	48.62	50.13	1.51	3921.94
RW - 1	03/22/04	3970.79	48.79	51.92	3.13	3921.53
RW - 1	04/07/04	3970.79	48.70	49.22	0.52	3922.01
RW - 1	04/12/04	3970.79	48.68	51.04	2.36	3921.76
RW - 1	04/19/04	3970.79	48.61	49.10	0.49	3922.11
RW - 1	05/05/04	3970.79	48.70	51.51	2.81	3921.67
RW - 1	05/11/04	3970.79	48.83	51.77	2.94	3921.52
RW - 1	06/07/04	3970.79	48.43	51.31	2.88	3921.93
RW - 1	11/26/04	3970.79	48.50	51.30	2.80	3921.87
RW - 1	12/02/04	3970.79	48.53	51.22	2.69	3921.86
RW - 1	12/06/04	3970.79	48.72	51.03	2.31	3921.72
RW - 1	12/13/04	3970.79	48.96	51.10	2.14	3921.51
RW - 1	12/15/04	3970.79	48.96	51.10	2.14	3921.51
RW - 1	12/27/04	3970.79	48.46	51.20	2.74	3921.92
RW - 1	01/10/05	3970.79	48.40	51.00	2.60	3922.00
RW - 1	01/18/05	3970.79	48.55	51.05	2.50	3921.87
RW - 1	01/18/05	3970.79	48.75	49.35	0.60	3921.95
RW - 1	01/25/05	3970.79	48.44	50.55	2.11	3922.03
RW - 1	01/27/05	3970.79	48.52	51.10	2.58	3921.88
RW - 1	02/01/05	3970.79	48.50	50.25	1.75	3922.03
RW - 1	02/07/05	3970.79	48.45	50.30	1.85	3922.06
RW - 1	02/11/05	3970.79	48.47	50.27	1.80	3922.05
RW - 1	02/15/05	3970.79	48.35	50.34	1.99	3922.14
RW - 1	02/22/05	3970.79	48.30	50.79	2.49	3922.12
RW - 1	02/24/05	3970.79	48.27	50.79	2.52	3922.14
RW - 1	03/03/05	3970.79	48.52	50.85	2.33	3921.92
RW - 1	03/09/05	3970.79	48.55	50.87	2.32	3921.89
RW - 1	03/22/05	3970.79	48.25	50.95	2.70	3922.14
RW - 1	03/24/05	3970.79	48.25	50.95	2.70	3922.14
RW - 1	03/31/05	3970.79	48.28	50.91	2.63	3922.12

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	06/22/05	3970.79	48.28	50.18	1.90	3922.23
RW - 1	07/21/05	3970.79	48.15	50.82	2.67	3922.24
RW - 1	08/03/05	3970.79	48.13	50.76	2.63	3922.27
RW - 1	08/12/05	3970.79	48.13	50.78	2.65	3922.26
RW - 1	08/15/05	3970.79	48.22	50.24	2.02	3922.27
RW - 1	08/22/05	3970.79	48.13	50.51	2.38	3922.30
RW - 1	08/30/05	3970.79	48.14	50.62	2.48	3922.28
RW - 1	09/07/05	3970.79	48.14	50.55	2.41	3922.29
RW - 1	09/14/05	3970.79	48.20	50.55	2.35	3922.24
RW - 1	09/20/05	3970.79	48.16	50.40	2.24	3922.29
RW - 1	09/21/05	3970.79	48.22	50.56	2.34	3922.22
RW - 1	09/28/05	3970.79	48.12	50.55	2.43	3922.31
RW - 1	10/06/05	3970.79	48.16	50.51	2.35	3922.28
RW - 1	10/13/05	3970.79	48.15	50.49	2.34	3922.29
RW - 1	10/20/05	3970.79	48.19	50.40	2.21	3922.27
RW - 1	10/26/05	3970.79	48.18	50.35	2.17	3922.28
RW - 1	11/03/05	3970.79	48.10	50.50	2.40	3922.33
RW - 1	11/10/05	3970.79	48.11	50.54	2.43	3922.32
RW - 1	11/16/05	3970.79	48.13	50.40	2.27	3922.32
RW - 1	11/23/05	3970.79	48.17	50.37	2.20	3922.29
RW - 1	11/28/05	3970.79	48.08	50.50	2.42	3922.35
RW - 1	12/05/05	3970.79	48.19	50.30	2.11	3922.28
RW - 1	12/12/05	3970.79	48.15	50.33	2.18	3922.31
RW - 1	12/16/05	3970.79	48.84	49.98	1.14	3921.78
RW - 1	12/19/05	3970.79	48.21	50.35	2.14	3922.26
RW - 1	12/29/05	3970.79	48.12	50.41	2.29	3922.33
RW - 1	01/04/06	3970.79	48.14	50.40	2.26	3922.31
RW - 1	01/10/06	3970.79	48.10	50.53	2.43	3922.33
RW - 1	01/17/06	3970.79	48.10	50.45	2.35	3922.34
RW - 1	01/26/06	3970.79	48.10	50.45	2.35	3922.34
RW - 1	01/31/06	3970.79	48.10	50.42	2.32	3922.34
RW - 1	02/07/06	3970.79	48.11	50.34	2.23	3922.35
RW - 1	02/09/06	3970.79	48.12	50.43	2.31	3922.32
RW - 1	02/13/06	3970.79	48.12	50.45	2.33	3922.32
RW - 1	02/22/06	3970.79	48.13	50.47	2.34	3922.31
RW - 1	02/28/06	3970.79	48.11	50.46	2.35	3922.33
RW - 1	03/07/06	3970.79	48.13	50.39	2.26	3922.32
RW - 1	03/15/06	3970.79	48.09	50.36	2.27	3922.36
RW - 1	03/20/06	3970.79	48.10	50.27	2.17	3922.36
RW - 1	03/22/06	3970.79	48.14	50.43	2.29	3922.31
RW - 1	03/29/06	3970.79	48.09	50.40	2.31	3922.35
RW - 1	04/11/06	3970.79	47.96	50.37	2.41	3922.47
RW - 1	04/18/06	3970.79	48.02	50.31	2.29	3922.43

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	04/25/06	3970.79	48.05	50.29	2.24	3922.40
RW - 1	05/02/06	3970.79	48.00	50.31	2.31	3922.44
RW - 1	05/09/06	3970.79	48.03	50.21	2.18	3922.43
RW - 1	05/16/06	3970.79	48.05	50.22	2.17	3922.41
RW - 1	05/23/06	3970.79	48.03	50.20	2.17	3922.43
RW - 1	05/31/06	3970.79	48.06	50.18	2.12	3922.41
RW - 1	06/06/06	3970.79	48.10	50.09	1.99	3922.39
RW - 1	06/13/06	3970.79	48.05	50.05	2.00	3922.44
RW - 1	06/20/06	3970.79	48.10	50.10	2.00	3922.39
RW - 1	06/21/06	3970.79	48.26	49.08	0.82	3922.41
RW - 1	07/06/06	3970.79	48.09	50.18	2.09	3922.39
RW - 1	07/12/06	3970.79	48.06	50.17	2.11	3922.41
RW - 1	07/20/06	3970.79	49.89	50.16	0.27	3920.86
RW - 1	07/25/06	3970.79	48.01	50.21	2.20	3922.45
RW - 1	08/01/06	3970.79	48.01	50.23	2.22	3922.45
RW - 1	08/16/06	3970.79	48.01	50.25	2.24	3922.44
RW - 1	08/23/06	3970.79	48.06	50.11	2.05	3922.42
RW - 1	08/28/06	3970.79	48.03	50.03	2.00	3922.46
RW - 1	09/12/06	3970.79	48.09	49.80	1.71	3922.44
RW - 1	09/22/06	3970.79	48.14	49.90	1.76	3922.39
RW - 1	09/27/06	3970.79	48.20	49.60	1.40	3922.38
RW - 1	10/06/06	3970.79	48.04	50.00	1.96	3922.46
RW - 1	10/10/06	3970.79	48.20	49.34	1.14	3922.42
RW - 1	10/16/06	3970.79	48.13	49.52	1.39	3922.45
RW - 1	10/26/06	3970.79	48.05	49.83	1.78	3922.47
RW - 1	11/03/06	3970.79	48.18	49.70	1.52	3922.38
RW - 1	11/09/06	3970.79	48.10	49.60	1.50	3922.47
RW - 1	11/16/06	3970.79	48.19	49.16	0.97	3922.45
RW - 1	11/22/06	3970.79	48.20	49.56	1.36	3922.39
RW - 1	12/04/06	3970.79	48.10	49.84	1.74	3922.43
RW - 1	12/08/06	3970.79	48.08	49.99	1.91	3922.42
RW - 1	12/15/06	3970.79	48.09	49.53	1.44	3922.48
RW - 1	01/05/07	3970.79	48.05	50.10	2.05	3922.43
RW - 1	01/12/07	3970.79	48.13	49.70	1.57	3922.42
RW - 1	01/18/07	3970.79	48.11	49.51	1.40	3922.47
RW - 1	01/24/07	3970.79	48.18	49.46	1.28	3922.42
RW - 1	01/29/07	3970.79	48.21	49.33	1.12	3922.41
RW - 1	02/09/07	3970.79	48.03	48.05	0.02	3922.76
RW - 1	02/16/07	3970.79	48.10	49.77	1.67	3922.44
RW - 1	03/02/07	3970.79	48.00	49.82	1.82	3922.52
RW - 1	03/14/07	3970.79	48.11	49.20	1.09	3922.52
RW - 1	03/26/07	3970.79	48.09	49.42	1.33	3922.50
RW - 1	04/03/07	3970.79	47.99	49.80	1.81	3922.53

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	04/09/07	3970.79	48.01	49.60	1.59	3922.54
RW - 1	04/26/07	3970.79	47.96	49.87	1.91	3922.54
RW - 1	04/30/07	3970.79	48.14	49.05	0.91	3922.51
RW - 1	05/11/07	3970.79	48.01	49.65	1.64	3922.53
RW - 1	05/16/07	3970.79	48.14	49.07	0.93	3922.51
RW - 1	05/22/07	3970.79	48.08	49.03	0.95	3922.57
RW - 1	05/29/07	3970.79	48.06	49.29	1.23	3922.55
RW - 1	06/01/07	3970.79	48.00	49.46	1.46	3922.57
RW - 1	06/08/07	3970.79	48.03	49.37	1.34	3922.56
RW - 1	06/11/07	3970.79	48.17	49.00	0.83	3922.50
RW - 1	06/20/07	3970.79	48.00	49.50	1.50	3922.57
RW - 1	07/10/07	3970.79	48.01	49.56	1.55	3922.55
RW - 1	07/20/07	3970.79	47.99	49.60	1.61	3922.56
RW - 1	07/25/07	3970.79	48.04	49.22	1.18	3922.57
RW - 1	08/01/07	3970.79	48.02	49.24	1.22	3922.59
RW - 1	08/10/07	3970.79	48.02	49.37	1.35	3922.57
RW - 1	08/15/07	3970.79	48.03	49.16	1.13	3922.59
RW - 1	08/30/07	3970.79	47.97	49.61	1.64	3922.57
RW - 1	08/31/07	3970.79	47.97	49.61	1.64	3922.57
RW - 1	09/19/07	3970.79	47.92	49.73	1.81	3922.60
RW - 1	09/27/07	3970.79	47.98	49.39	1.41	3922.60
RW - 1	10/01/07	3970.79	48.02	49.06	1.04	3922.61
RW - 1	10/19/07	3970.79	47.92	49.62	1.70	3922.62
RW - 1	10/26/07	3970.79	47.97	49.39	1.42	3922.61
RW - 1	11/12/07	3970.79	47.93	49.58	1.65	3922.61
RW - 1	11/16/07	3970.79	47.92	49.31	1.39	3922.66
RW - 1	11/29/07	3970.79	47.92	50.01	2.09	3922.56
RW - 1	12/13/07	3970.79	47.90	49.54	1.64	3922.64
RW - 1	01/10/08	3970.79	47.90	49.50	1.60	3922.65
RW - 1	01/17/08	3970.79	47.92	49.37	1.45	3922.65
RW - 1	01/22/08	3970.79	47.90	49.43	1.53	3922.66
RW - 1	02/06/08	3970.79	47.09	49.05	1.96	3923.41
RW - 1	2/12/08 #1	3970.79	48.01	48.91	0.90	3922.65
RW - 1	2/12/08 #2	3970.79	48.19	48.21	0.02	3922.60
RW - 1	2/27/08 #1	3970.79	48.00	48.98	0.98	3922.64
RW - 1	2/27/08 #2	3970.79	48.15	48.21	0.06	3922.63
RW - 1	03/07/08	3970.79	47.92	49.21	1.29	3922.68
RW - 1	3/12/08 #1	3970.79	47.92	49.21	1.29	3922.68
RW - 1	3/12/08 #2	3970.79	48.04	48.31	0.27	3922.71
RW - 1	3/20/2008#1	3970.79	48.23	48.50	0.27	3922.52
RW - 1	3/20/08#2	3970.79	48.10	48.45	0.35	3922.64
RW - 1	3/23/08 #1	3970.79	47.99	48.99	1.00	3922.65
RW - 1	3/23/08 #2	3970.79	48.17	48.21	0.04	3922.61

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	4/2/08 #1	3970.79	47.98	48.92	0.94	3922.67
RW - 1	4/2/08 #2	3970.79	48.09	48.42	0.33	3922.65
RW - 1	4/9/08 #1	3970.79	47.95	48.98	1.03	3922.69
RW - 1	4/9/08 #2	3970.79	48.12	48.15	0.03	3922.67
RW - 1	04/16/08	3970.79	47.98	48.87	0.89	3922.68
RW - 1	04/23/08	3970.79	47.98	48.91	0.93	3922.67
RW - 1	04/30/08	3970.79	47.92	49.07	1.15	3922.70
RW - 1	05/29/08	3970.79	47.97	48.85	0.88	3922.69
RW - 1	06/02/08	3970.79	47.99	48.70	0.71	3922.69
RW - 1	06/03/08	3970.79	47.99	48.70	0.71	3922.69
RW - 1	06/11/08	3970.79	47.91	48.99	1.08	3922.72
RW - 1	06/18/08	3970.79	47.96	48.84	0.88	3922.70
RW - 1	06/23/08	3970.79	47.99	48.70	0.71	3922.69
RW - 1	07/01/08	3970.79	47.94	49.02	1.08	3922.69
RW - 1	07/09/08	3970.79	47.95	48.91	0.96	3922.70
RW - 1	07/15/08	3970.79	47.98	48.76	0.78	3922.69
RW - 1	07/22/08	3970.79	47.94	49.00	1.06	3922.69
RW - 1	08/02/08	3970.79	47.92	48.96	1.04	3922.71
RW - 1	08/13/08	3970.79	47.90	49.03	1.13	3922.72
RW - 1	09/03/08	3970.79	47.83	49.22	1.39	3922.75
RW - 1	09/11/08	3970.79	47.94	48.86	0.92	3922.71
RW - 1	09/19/08	3970.79	47.91	48.85	0.94	3922.74
RW - 1	09/26/08	3970.79	47.89	49.00	1.11	3922.73
RW - 1	10/10/08	3970.79	47.91	48.84	0.93	3922.74
RW - 1	10/17/08	3970.79	47.74	47.93	0.19	3923.02
RW - 1	10/21/08	3970.79	47.95	48.52	0.57	3922.75
RW - 1	10/30/08	3970.79	47.89	48.95	1.06	3922.74
RW - 1	11/04/08	3970.79	48.00	48.61	0.61	3922.70
RW - 1	11/18/08	3970.79	47.91	49.03	1.12	3922.71
RW - 1	11/25/08	3970.79	47.90	49.12	1.22	3922.71
RW - 1	11/25/08	3970.79	48.70	48.72	0.02	3922.09
RW - 1	12/10/08	3970.79	47.87	49.05	1.18	3922.74
RW - 1	12/18/08	3970.79	47.84	49.10	1.26	3922.76
RW - 1	01/06/09	3970.79	47.84	49.07	1.23	3922.77
RW - 1	01/14/09	3970.79	47.09	48.75	1.66	3923.45
RW - 1	01/21/09	3970.79	47.91	48.84	0.93	3922.74
RW - 1	01/22/09	3970.79	48.00	48.21	0.21	3922.76
RW - 1	01/30/09	3970.79	47.91	48.74	0.83	3922.76
RW - 1	02/03/09	3970.79	47.99	48.57	0.58	3922.71
RW - 1	02/12/09	3970.79	47.89	48.91	1.02	3922.75
RW - 1	02/19/09	3970.79	47.85	49.00	1.15	3922.77
RW - 1	03/04/09	3970.79	47.92	48.97	1.05	3922.71
RW - 1	03/06/09	3970.79	47.82	49.00	1.18	3922.79

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	03/11/09	3970.79	47.94	48.60	0.66	3922.75
RW - 1	03/16/09	3970.79	47.95	49.00	1.05	3922.68
RW - 1	03/19/09	3970.79	47.90	48.72	0.82	3922.77
RW - 1	03/24/09	3970.79	47.89	48.49	0.60	3922.81
RW - 1	04/03/09	3970.79	47.85	48.90	1.05	3922.78
RW - 1	04/15/09	3970.79	47.86	48.80	0.94	3922.79
RW - 1	04/17/09	3970.79	47.98	48.25	0.27	3922.77
RW - 1	04/22/09	3970.79	47.83	48.88	1.05	3922.80
RW - 1	04/29/09	3970.79	47.84	48.79	0.95	3922.81
RW - 1	05/20/09	3970.79	47.82	48.88	1.06	3922.81
RW - 1	06/09/09	3970.79	47.82	48.95	1.13	3922.80
RW - 1	06/17/09	3970.79	47.88	48.81	0.93	3922.77
RW - 1	06/23/09	3970.79	47.83	48.87	1.04	3922.80
RW - 1	07/01/09	3970.79	47.82	48.88	1.06	3922.81
RW - 1	07/08/09	3970.79	47.89	48.61	0.72	3922.79
RW - 1	07/15/09	3970.79	47.86	48.64	0.78	3922.81
RW - 1	07/17/09	3970.79	47.91	48.60	0.69	3922.78
RW - 1	07/23/09	3970.79	47.83	48.88	1.05	3922.80
RW - 1	07/24/09	3970.79	47.96	48.17	0.21	3922.80
RW - 1	07/30/09	3970.79	47.91	48.60	0.69	3922.78
RW - 1	08/04/09	3970.79	47.91	48.48	0.57	3922.79
RW - 1	08/12/09	3970.79	47.88	48.73	0.85	3922.78
RW - 1	08/20/09	3970.79	47.92	48.75	0.83	3922.75
RW - 1	08/26/09	3970.79	47.83	48.80	0.97	3922.81
RW - 1	09/02/09	3970.79	47.87	48.75	0.88	3922.79
RW - 1	09/09/09	3970.79	47.90	48.61	0.71	3922.78
RW - 1	09/14/09	3970.79	47.92	48.45	0.53	3922.79
RW - 1	09/21/09	3970.79	47.86	48.71	0.85	3922.80
RW - 1	10/01/09	3970.79	47.88	48.84	0.96	3922.77
RW - 1	10/08/09	3970.79	47.90	48.76	0.86	3922.76
RW - 1	10/14/09	3970.79	47.87	48.70	0.83	3922.80
RW - 1	10/21/09	3970.79	47.82	48.59	0.77	3922.85
RW - 1	10/28/09	3970.79	47.85	48.69	0.84	3922.81
RW - 1	11/04/09	3970.79	47.90	48.63	0.73	3922.78
RW - 1	11/11/09	3970.79	47.87	48.60	0.73	3922.81
RW - 1	11/18/09	3970.79	47.88	48.61	0.73	3922.80
RW - 1	11/25/09	3970.79	47.90	48.58	0.68	3922.79
RW - 1	12/02/09	3970.79	47.86	48.80	0.94	3922.79
RW - 1	12/10/09	3970.79	47.87	48.61	0.74	3922.81
RW - 1	12/17/09	3970.79	47.94	48.59	0.65	3922.75
RW - 1	12/21/09	3970.79	47.87	48.52	0.65	3922.82
RW - 1	12/30/09	3970.79	48.02	48.49	0.47	3922.70
RW - 1	01/07/10	3970.79	47.95	48.20	0.25	3922.80

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	01/18/10	3970.79	47.91	48.28	0.37	3922.82
RW - 1	02/02/10	3970.79	47.88	48.55	0.67	3922.81
RW - 1	02/11/10	3970.79	47.84	48.51	0.67	3922.85
RW - 1	02/18/10	3970.79	47.82	48.60	0.78	3922.85
RW - 1	02/25/10	3970.79	47.99	48.34	0.35	3922.75
RW - 1	03/02/10	3970.79	48.05	48.28	0.23	3922.71
RW - 1	03/04/10	3970.79	47.97	48.10	0.13	3922.80
RW - 1	03/10/10	3970.79	47.93	48.26	0.33	3922.81
RW - 1	03/12/10	3970.79	47.98	48.37	0.39	3922.75
RW - 1	03/15/10	3970.79	48.00	48.10	0.10	3922.78
RW - 1	03/18/10	3970.79	47.88	48.42	0.54	3922.83
RW - 1	03/22/10	3970.79	48.00	48.23	0.23	3922.76
RW - 1	05/17/10	3970.79	50.39	50.48	0.09	3920.39
RW - 1	05/20/10	3970.79	50.08	50.39	0.31	3920.66
RW - 1	03/04/11	3970.79	50.30	50.62	0.32	3920.44
RW - 1	05/12/11	3970.79	48.55	49.30	0.75	3922.13
RW - 1	08/02/11	3970.79	51.80	52.10	0.30	3918.95
RW - 1	08/09/11	3970.79	49.80	50.42	0.62	3920.90
RW - 1	08/12/11	3970.79	-	49.20	0.00	3921.59
RW - 1	08/15/11	3970.79	-	49.20	0.00	3921.59
RW - 1	08/23/11	3970.79	51.60	52.30	0.70	3919.09
RW - 1	08/26/11	3970.79	48.11	48.90	0.79	3922.56
RW - 1	11/22/11	3970.79	49.10	50.04	0.94	3921.55
RW - 1	12/02/11	3970.79	47.82	48.80	0.98	3922.82
RW - 1	12/29/11	3970.79	47.93	48.66	0.73	3922.75
RW - 1	01/26/12	3970.79	48.75	50.46	1.71	3921.78
RW - 1	02/28/12	3970.79	49.24	51.24	2.00	3921.25
RW - 1	05/17/12	3970.79	47.82	49.02	1.20	3922.79
RW - 1	08/01/12	3970.79	47.94	49.13	1.19	3922.67
RW - 1	10/25/12	3970.79	47.96	49.39	1.43	3922.62
RW - 1	11/29/12	3970.79	47.97	49.62	1.65	3922.57
RW - 1	02/11/13	3970.79	47.86	49.79	1.93	3922.64
RW - 1	04/11/13	3970.79	-	48.41	0.00	3922.38
RW - 1	05/06/13	3970.79	47.98	49.25	1.27	3922.62
RW - 1	05/29/13	3970.79	-	48.33	0.00	3922.46
RW - 1	06/26/13	3970.79	-	49.73	0.00	3921.06
RW - 1	07/31/13	3970.79	48.13	49.15	1.02	3922.51
RW - 1	08/06/13	3970.79	48.30	48.37	0.07	3922.48
RW - 1	09/30/13	3970.79	48.21	48.96	0.75	3922.47
RW - 1	11/18/13	3970.79	48.23	48.76	0.53	3922.48
RW - 1	02/04/14	3970.79	48.29	48.54	0.25	3922.46
RW - 1	05/28/14	3970.79	48.18	49.66	1.48	3922.39
RW - 1	07/30/14	3970.79	48.36	48.44	0.08	3922.42

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	08/23/14	3970.79	-	49.66	0.00	3921.13
RW - 1	09/10/14	3970.79	48.50	48.80	0.30	3922.25
RW - 1	09/23/14	3970.79	48.59	48.79	0.20	3922.17
RW - 1	10/31/14	3970.79	48.32	48.60	0.28	3922.43
RW - 1	11/18/14	3970.79	48.42	48.60	0.18	3922.34
RW - 1	01/05/15	3970.79	52.80	53.17	0.37	3917.93
RW - 1	01/09/15	3970.79	48.29	48.98	0.69	3922.40
RW - 1	01/14/15	3970.79	48.31	49.15	0.84	3922.35
RW - 1	01/21/15	3970.79	52.84	53.18	0.34	3917.90
RW - 1	02/11/15	3970.79	52.83	53.18	0.35	3917.91
RW - 1	02/19/15	3970.79	49.00	50.10	1.10	3921.63
RW - 1	03/09/15	3970.79	52.86	53.20	0.34	3917.88
RW - 1	03/11/15	3970.79	53.13	53.48	0.35	3917.61
RW - 1	03/31/15	3970.79	52.86	53.20	0.34	3917.88
RW - 1	04/09/15	3970.79	48.34	48.40	0.06	3922.44
RW - 1	04/15/15	3970.79	48.31	48.45	0.14	3922.46
RW - 1	04/22/15	3970.79	48.33	48.64	0.31	3922.41
RW - 1	05/12/15	3970.79	48.29	48.87	0.58	3922.41
RW - 1	05/26/15	3970.79	52.81	53.15	0.34	3917.93
RW - 1	06/01/15	3970.79	48.28	48.81	0.53	3922.43
RW - 1	06/04/15	3970.79	48.28	48.66	0.38	3922.45
RW - 1	07/27/15	3970.79	48.45	49.07	0.62	3922.25
RW - 1	08/18/15	3970.79	48.14	49.39	1.25	3922.46
RW - 1	10/08/15	3970.79	48.48	49.13	0.65	3922.21
RW - 1	10/21/15	3970.79	48.35	48.39	0.04	3922.43
RW - 1	11/23/15	3970.79	48.38	49.57	1.19	3922.23
RW - 1	01/12/16	3970.79	48.46	50.10	1.64	3922.08
RW - 1	02/11/16	3970.79	48.13	50.00	1.87	3922.38
RW - 1	02/24/16	3970.79	48.12	49.96	1.84	3922.39
RW - 1	06/13/16	3970.79	48.90	50.95	2.05	3921.58
RW - 1	08/02/16	3970.79	48.20	50.17	1.97	3922.29
RW - 1	11/28/16	3970.79	48.27	49.78	1.51	3922.29
RW - 1	02/21/17	3970.79	48.19	50.16	1.97	3922.30
RW - 1	05/24/17	3970.79	48.18	50.29	2.11	3922.29
RW - 1	07/12/17	3970.79	48.89	49.91	1.02	3921.75
RW - 1	08/11/17	3970.79	48.83	49.81	0.98	3921.81
RW - 1	10/18/17	3970.79	49.55	52.18	2.63	3920.85
RW - 1	11/28/17	3970.79	48.29	50.28	1.99	3922.20
RW - 1	12/19/17	3970.79	48.30	49.92	1.62	3922.25
RW - 1	01/16/18	3970.79	48.30	50.21	1.91	3922.20
RW - 1	02/26/18	3970.79	48.40	49.40	1.00	3922.24
RW - 1	04/03/18	3970.79	48.42	49.36	0.94	3922.23
RW - 1	04/17/18	3970.79	48.23	50.00	1.77	3922.29

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	05/07/18	3970.79	48.41	49.56	1.15	3922.21
RW - 1	06/26/18	3970.79	48.31	50.16	1.85	3922.20
RW - 1	07/12/18	3970.79	48.61	50.52	1.91	3921.89
RW - 1	08/01/18	3970.79	48.29	49.89	1.60	3922.26
RW - 1	08/09/18	3970.79	48.34	49.49	1.15	3922.28
RW - 1	08/23/18	3970.79	48.30	50.23	1.93	3922.20
RW - 1	08/30/18	3970.79	48.41	50.04	1.63	3922.14
RW - 1	08/31/18	3970.79	48.54	49.82	1.28	3922.06
RW - 1	09/11/18	3970.79	48.51	49.33	0.82	3922.16
RW - 1	09/13/18	3970.79	48.52	49.51	0.99	3922.12
RW - 1	09/19/18	3970.79	48.54	49.29	0.75	3922.14
RW - 1	09/26/18	3970.79	48.51	49.53	1.02	3922.13
RW - 1	10/04/18	3970.79	48.47	49.50	1.03	3922.17
RW - 1	11/14/18	3970.79	48.44	48.73	0.29	3922.31
RW - 1	12/18/18	3970.79	48.99	50.92	1.93	3921.51
RW - 1	02/18/19	3970.79	48.59	50.57	1.98	3921.90
RW - 1	05/14/19	3970.79	48.27	49.66	1.39	3922.31
RW - 1	08/19/19	3970.79	49.63	50.51	0.88	3921.03
RW - 1	11/11/19	3970.79	49.65	50.54	0.89	3921.01
RW - 1	01/08/20	3970.79	48.45	50.49	2.04	3922.03
RW - 1	02/18/20	3970.79	48.49	50.49	2.00	3922.00
RW - 1	05/05/20	3970.79	48.42	50.49	2.07	3922.06
RW - 1	06/11/20	3970.79	48.50	50.99	2.49	3921.92
RW - 1	09/23/20	3970.79	48.53	51.31	2.78	3921.84
RW - 1	12/04/20	3970.79	48.59	51.05	2.46	3921.83
RW - 1	03/23/21	3970.79	48.48	51.50	3.02	3921.86
RW - 1	06/04/21	3970.79	48.46	51.76	3.30	3921.84
RW - 1	09/30/21	3970.79	48.57	51.95	3.38	3921.71
RW - 1	12/09/21	3970.79	48.92	50.28	1.36	3921.67
RW - 2	05/20/10	-	-	54.42	0.00	-
RW - 2	03/04/11	-	sheen	54.05	0.00	-
RW - 2	05/12/11	-	-	52.69	0.00	-
RW - 2	08/02/11	-	sheen	55.00	0.00	-
RW - 2	08/09/11	-	sheen	55.50	0.00	-
RW - 2	08/12/11	-	sheen	54.07	0.00	-
RW - 2	08/15/11	-	sheen	54.01	0.00	-
RW - 2	08/23/11	-	sheen	53.92	0.00	-
RW - 2	08/26/11	-	sheen	52.75	0.00	-
RW - 2	12/02/11	-	52.60	52.93	0.33	-
RW - 2	12/29/11	-	52.62	52.96	0.34	-
RW - 2	01/26/12	-	52.89	53.13	0.24	-
RW - 2	02/28/12	-	52.55	53.18	0.63	-

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	05/17/12	-	52.47	53.31	0.84	-
RW - 2	08/01/12	-	52.59	53.42	0.83	-
RW - 2	10/25/12	-	52.65	53.53	0.88	-
RW - 2	11/29/12	-	52.73	53.56	0.83	-
RW - 2	02/11/13	-	52.76	52.86	0.10	-
RW - 2	04/11/13	-	53.05	53.07	0.02	-
RW - 2	05/06/13	-	52.77	52.89	0.12	-
RW - 2	05/29/13	-	53.00	53.09	0.09	-
RW - 2	06/26/13	-	53.04	53.29	0.25	-
RW - 2	07/31/13	-	52.89	53.09	0.20	-
RW - 2	08/06/13	-	52.89	53.03	0.14	-
RW - 2	09/30/13	-	52.95	53.14	0.19	-
RW - 2	11/18/13	-	52.90	53.18	0.28	-
RW - 2	02/04/14	-	52.86	53.19	0.33	-
RW - 2	04/28/14	-	52.83	53.41	0.58	-
RW - 2	05/28/14	-	52.96	53.35	0.39	-
RW - 2	07/30/14	-	53.10	53.28	0.18	-
RW - 2	08/23/14	-	53.35	53.47	0.12	-
RW - 2	09/10/14	-	53.07	53.40	0.33	-
RW - 2	09/23/14	-	53.00	53.30	0.30	-
RW - 2	10/31/14	-	52.99	53.24	0.25	-
RW - 2	11/18/14	-	52.90	53.27	0.37	-
RW - 2	01/05/15	-	52.73	53.48	0.75	-
RW - 2	01/09/15	-	52.98	53.15	0.17	-
RW - 2	01/14/15	-	53.00	53.17	0.17	-
RW - 2	01/21/15	-	52.76	53.47	0.71	-
RW - 2	02/11/15	-	52.74	53.46	0.72	-
RW - 2	02/19/15	-	53.28	53.32	0.04	-
RW - 2	03/09/15	-	52.73	53.46	0.73	-
RW - 2	03/11/15	-	52.96	53.14	0.18	-
RW - 2	03/31/15	-	52.77	53.49	0.72	-
RW - 2	04/09/15	-	52.93	53.12	0.19	-
RW - 2	04/15/15	-	52.93	53.23	0.30	-
RW - 2	04/22/15	-	52.92	53.22	0.30	-
RW - 2	05/12/15	-	52.98	53.15	0.17	-
RW - 2	05/26/15	-	52.74	53.45	0.71	-
RW - 2	06/01/15	-	52.96	53.08	0.12	-
RW - 2	06/04/15	-	52.96	53.13	0.17	-
RW - 2	07/27/15	-	53.14	53.19	0.05	-
RW - 2	08/18/15	-	52.95	53.11	0.16	-
RW - 2	10/08/15	-	53.17	53.65	0.48	-
RW - 2	10/21/15	-	53.02	53.45	0.43	-
RW - 2	11/23/15	-	52.45	53.60	1.15	-

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	01/12/16	-	53.09	53.42	0.33	-
RW - 2	02/11/16	-	52.99	53.52	0.53	-
RW - 2	02/24/16	-	51.90	53.58	1.68	-
RW - 2	06/13/16	-	52.99	53.29	0.30	-
RW - 2	08/02/16	-	53.09	53.56	0.47	-
RW - 2	11/28/16	-	53.03	53.38	0.35	-
RW - 2	02/21/17	-	53.01	53.30	0.29	-
RW - 2	05/24/17	-	53.02	53.37	0.35	-
RW - 2	07/12/17	-	53.02	53.37	0.35	-
RW - 2	10/18/17	-	53.14	53.71	0.57	-
RW - 2	11/28/17	-	53.10	53.64	0.54	-
RW - 2	12/19/17	-	53.10	53.65	0.55	-
RW - 2	01/16/18	-	53.12	53.53	0.41	-
RW - 2	02/26/18	-	53.22	53.54	0.32	-
RW - 2	04/03/18	-	53.24	53.57	0.33	-
RW - 2	04/17/18	-	53.08	53.47	0.39	-
RW - 2	05/07/18	-	53.18	53.54	0.36	-
RW - 2	06/26/18	-	53.11	53.53	0.42	-
RW - 2	07/12/18	-	53.16	53.59	0.43	-
RW - 2	08/01/18	-	53.23	53.70	0.47	-
RW - 2	08/09/18	-	52.17	53.64	1.47	-
RW - 2	08/23/18	-	53.18	53.69	0.51	-
RW - 2	08/30/18	-	53.21	53.78	0.57	-
RW - 2	08/31/18	-	53.21	53.67	0.46	-
RW - 2	08/31/18	-	53.61	54.84	1.23	-
RW - 2	09/11/18	-	53.27	53.39	0.12	-
RW - 2	09/13/18	-	53.29	53.35	0.06	-
RW - 2	09/19/18	-	53.27	53.35	0.08	-
RW - 2	09/26/18	-	53.26	53.36	0.10	-
RW - 2	10/04/18	-	53.28	53.33	0.05	-
RW - 2	11/14/18	-	53.29	53.32	0.03	-
RW - 2	12/18/18	-	53.27	53.37	0.10	-
RW - 2	02/18/19	-	53.27	53.38	0.11	-
RW - 2	05/14/19	-	53.25	53.40	0.15	-
RW - 2	08/19/19	-	53.34	53.43	0.09	-
RW - 2	11/11/19	-	53.34	53.48	0.14	-
RW - 2	01/08/20	-	53.38	53.62	0.24	-
RW - 2	02/18/20	-	53.42	53.63	0.21	-
RW - 2	05/05/20	-	53.37	53.71	0.34	-
RW - 2	06/11/20	-	53.41	53.80	0.39	-
RW - 2	09/23/20	-	53.55	53.61	0.06	-
RW - 2	12/04/20	-	53.57	53.58	0.01	-
RW - 2	03/23/21	-	53.57	53.80	0.23	-

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	06/04/21	-	53.48	54.27	0.79	-
RW - 2	09/30/21	-	53.53	54.89	1.36	-
RW - 2	12/09/21	-	53.68	54.14	0.46	-
RW - 3	05/20/10	-	54.73	58.80	4.07	-
RW - 3	03/04/11	-	54.66	55.70	1.04	-
RW - 3	05/12/11	-	53.84	54.65	0.81	-
RW - 3	08/02/11	-	54.35	55.32	0.97	-
RW - 3	08/09/11	-	54.24	55.50	1.26	-
RW - 3	08/12/11	-	54.26	55.65	1.39	-
RW - 3	08/15/11	-	54.24	55.50	1.26	-
RW - 3	08/23/11	-	53.92	54.85	0.93	-
RW - 3	08/26/11	-	53.07	53.95	0.88	-
RW - 3	12/02/11	-	53.01	53.97	0.96	-
RW - 3	12/29/11	-	53.11	53.84	0.73	-
RW - 3	01/26/12	-	53.55	54.08	0.53	-
RW - 3	02/28/12	-	53.00	54.14	1.14	-
RW - 3	05/17/12	-	53.10	53.62	0.52	-
RW - 3	08/01/12	-	53.22	53.74	0.52	-
RW - 3	10/25/12	-	53.13	54.32	1.19	-
RW - 3	11/29/12	-	53.26	53.87	0.61	-
RW - 3	02/11/13	-	53.16	54.00	0.84	-
RW - 3	04/11/13	-	53.44	54.19	0.75	-
RW - 3	05/06/13	-	53.18	54.10	0.92	-
RW - 3	05/29/13	-	53.35	54.16	0.81	-
RW - 3	06/26/13	-	53.38	54.26	0.88	-
RW - 3	07/31/13	-	53.20	54.55	1.35	-
RW - 3	08/06/13	-	53.19	54.66	1.47	-
RW - 3	09/30/13	-	53.27	54.71	1.44	-
RW - 3	11/18/13	-	52.22	53.72	1.50	-
RW - 3	02/04/14	-	53.24	54.21	0.97	-
RW - 3	04/28/14	-	53.12	55.14	2.02	-
RW - 3	05/28/14	-	53.19	55.55	2.36	-
RW - 3	07/30/14	-	52.58	53.03	0.45	-
RW - 3	08/23/14	-	52.98	53.71	0.73	-
RW - 3	09/10/14	-	53.62	53.78	0.16	-
RW - 3	09/23/14	-	53.58	53.98	0.40	-
RW - 3	10/31/14	-	53.53	53.67	0.14	-
RW - 3	11/18/14	-	53.55	53.73	0.18	-
RW - 3	01/05/15	-	52.77	53.54	0.77	-
RW - 3	01/09/15	-	53.48	53.86	0.38	-
RW - 3	01/14/15	-	53.48	53.86	0.38	-
RW - 3	01/21/15	-	52.78	53.56	0.78	-

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 3	02/11/15	-	52.77	53.54	0.77	-
RW - 3	02/19/15	-	53.47	53.98	0.51	-
RW - 3	03/09/15	-	52.75	53.55	0.80	-
RW - 3	03/11/15	-	53.42	54.14	0.72	-
RW - 3	03/31/15	-	52.78	53.57	0.79	-
RW - 3	04/09/15	-	53.36	54.20	0.84	-
RW - 3	04/15/15	-	53.34	54.30	0.96	-
RW - 3	04/22/15	-	53.33	54.34	1.01	-
RW - 3	05/12/15	-	53.39	54.10	0.71	-
RW - 3	05/26/15	-	52.84	53.52	0.68	-
RW - 3	06/01/15	-	53.42	54.02	0.60	-
RW - 3	06/04/15	-	53.40	54.04	0.64	-
RW - 3	07/27/15	-	53.48	54.45	0.97	-
RW - 3	08/18/15	-	53.09	54.45	1.36	-
RW - 3	10/08/15	-	53.38	54.99	1.61	-
RW - 3	10/21/15	-	53.28	55.05	1.77	-
RW - 3	11/23/15	-	52.55	52.57	0.02	-
RW - 3	01/12/16	-	53.35	55.10	1.75	-
RW - 3	02/11/16	-	53.48	54.18	0.70	-
RW - 3	02/24/16	-	53.48	54.05	0.57	-
RW - 3	06/13/16	-	53.43	54.46	1.03	-
RW - 3	08/02/16	-	53.49	54.46	0.97	-
RW - 3	11/28/16	-	53.44	54.37	0.93	-
RW - 3	02/21/17	-	53.39	54.63	1.24	-
RW - 3	05/24/17	-	53.34	54.88	1.54	-
RW - 3	07/12/17	-	53.37	54.90	1.53	-
RW - 3	08/11/17	-	53.57	54.85	1.28	-
RW - 3	10/18/17	-	53.52	55.25	1.73	-
RW - 3	11/28/17	-	53.43	55.04	1.61	-
RW - 3	12/19/17	-	53.44	55.07	1.63	-
RW - 3	01/16/18	-	53.46	55.02	1.56	-
RW - 3	02/26/18	-	53.52	54.40	0.88	-
RW - 3	04/03/18	-	53.42	55.16	1.74	-
RW - 3	04/17/18	-	53.43	54.97	1.54	-
RW - 3	05/07/18	-	53.52	54.15	0.63	-
RW - 3	06/26/18	-	53.52	54.83	1.31	-
RW - 3	07/12/18	-	53.51	55.10	1.59	-
RW - 3	08/01/18	-	53.51	55.25	1.74	-
RW - 3	08/09/18	-	53.62	54.59	0.97	-
RW - 3	08/23/18	-	53.64	54.74	1.10	-
RW - 3	08/30/18	-	53.62	54.80	1.18	-
RW - 3	09/11/18	-	53.76	54.11	0.35	-
RW - 3	09/13/18	-	53.75	54.09	0.34	-

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 3	09/19/18	-	53.78	54.05	0.27	-
RW - 3	09/26/18	-	53.77	54.10	0.33	-
RW - 3	10/04/18	-	53.76	54.12	0.36	-
RW - 3	11/14/18	-	53.72	53.88	0.16	-
RW - 3	12/18/18	-	53.66	54.65	0.99	-
RW - 3	02/18/19	-	53.49	55.01	1.52	-
RW - 3	05/14/19	-	53.46	55.46	2.00	-
RW - 3	08/19/19	-	53.67	55.63	1.96	-
RW - 3	11/11/19	-	53.72	55.64	1.92	-
RW - 3	01/08/20	-	53.55	55.95	2.40	-
RW - 3	02/18/20	-	53.63	55.94	2.31	-
RW - 3	05/05/20	-	53.59	55.91	2.32	-
RW - 3	06/11/20	-	53.57	56.12	2.55	-
RW - 3	09/23/20	-	53.60	56.63	3.03	-
RW - 3	12/04/20	-	53.61	56.62	3.01	-
RW - 3	03/23/21	-	53.70	56.36	2.66	-
RW - 3	06/04/21	-	53.60	56.89	3.29	-
RW - 3	08/12/21	-	53.65	57.00	3.35	-
RW - 3	09/30/21	-	53.76	56.98	3.22	-
RW - 3	12/09/21	-	54.10	55.23	1.13	-
RW - 4	05/20/10	-	55.62	59.23	3.61	-
RW - 4	03/04/11	-	53.13	55.08	1.95	-
RW - 4	05/12/11	-	53.58	55.35	1.77	-
RW - 4	08/02/11	-	55.71	58.75	3.04	-
RW - 4	08/09/11	-	55.02	58.91	3.89	-
RW - 4	08/12/11	-	54.40	58.55	4.15	-
RW - 4	08/15/11	-	55.02	58.91	3.89	-
RW - 4	08/23/11	-	54.42	57.62	3.20	-
RW - 4	08/26/11	-	52.93	55.20	2.27	-
RW - 4	12/02/11	-	52.69	55.52	2.83	-
RW - 4	12/29/11	-	52.83	55.21	2.38	-
RW - 4	01/26/12	-	52.99	55.36	2.37	-
RW - 4	02/28/12	-	52.94	55.00	2.06	-
RW - 4	05/17/12	-	52.85	54.81	1.96	-
RW - 4	08/01/12	-	52.97	54.92	1.95	-
RW - 4	10/25/12	-	53.03	54.91	1.88	-
RW - 4	11/29/12	-	53.07	55.00	1.93	-
RW - 4	02/11/13	-	52.99	54.92	1.93	-
RW - 4	04/11/13	-	53.22	55.13	1.91	-
RW - 4	05/06/13	-	53.07	54.76	1.69	-
RW - 4	05/29/13	-	53.19	55.05	1.86	-
RW - 4	06/26/13	-	52.83	56.36	3.53	-

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 4	07/31/13	-	52.47	57.93	5.46	-
RW - 4	08/06/13	-	52.40	58.42	6.02	-
RW - 4	09/30/13	-	52.72	57.32	4.60	-
RW - 4	11/18/13	-	53.15	55.15	2.00	-
RW - 4	02/04/14	-	53.14	55.11	1.97	-
RW - 4	04/28/14	-	53.10	55.57	2.47	-
RW - 4	05/28/14	-	53.08	56.15	3.07	-
RW - 4	07/30/14	-	53.66	54.20	0.54	-
RW - 4	08/23/14	-	-	53.94	0.00	-
RW - 4	09/10/14	-	53.54	54.40	0.86	-
RW - 4	09/23/14	-	53.46	54.80	1.34	-
RW - 4	10/31/14	-	53.50	53.85	0.35	-
RW - 4	11/18/14	-	53.49	54.19	0.70	-
RW - 4	01/05/15	-	52.71	53.74	1.03	-
RW - 4	01/09/15	-	53.42	54.37	0.95	-
RW - 4	01/14/15	-	53.42	54.45	1.03	-
RW - 4	01/21/15	-	-	53.67	0.00	-
RW - 4	02/11/15	-	52.72	53.70	0.98	-
RW - 4	02/19/15	-	53.55	54.10	0.55	-
RW - 4	03/09/15	-	-	53.67	0.00	-
RW - 4	03/11/15	-	53.45	54.14	0.69	-
RW - 4	03/31/15	-	52.69	53.68	0.99	-
RW - 4	04/09/15	-	53.33	54.62	1.29	-
RW - 4	04/15/15	-	53.30	54.69	1.39	-
RW - 4	04/22/15	-	53.30	54.73	1.43	-
RW - 4	05/12/15	-	53.33	54.68	1.35	-
RW - 4	05/26/15	-	52.79	53.64	0.85	-
RW - 4	06/01/15	-	53.35	54.63	1.28	-
RW - 4	06/04/15	-	53.31	54.68	1.37	-
RW - 4	07/27/15	-	53.23	55.83	2.60	-
RW - 4	08/18/15	-	53.01	55.96	2.95	-
RW - 4	10/08/15	-	53.16	55.08	1.92	-
RW - 4	10/21/15	-	53.14	55.85	2.71	-
RW - 4	11/23/15	-	53.37	55.55	2.18	-
RW - 4	01/12/16	-	53.35	55.19	1.84	-
RW - 4	02/11/16	-	53.52	53.90	0.38	-
RW - 4	02/24/16	-	53.43	54.44	1.01	-
RW - 4	06/13/16	-	53.36	55.28	1.92	-
RW - 4	08/02/16	-	53.31	55.70	2.39	-
RW - 4	11/28/16	-	53.29	55.40	2.11	-
RW - 4	02/21/17	-	53.30	55.37	2.07	-
RW - 4	05/24/17	-	53.30	55.23	1.93	-
RW - 4	07/12/17	-	53.35	55.28	1.93	-

TABLE 7

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 4	08/11/17	-	53.35	55.26	1.91	-
RW - 4	10/18/17	-	53.14	55.31	2.17	-
RW - 4	11/28/17	-	53.51	54.87	1.36	-
RW - 4	12/19/17	-	53.44	55.07	1.63	-
RW - 4	01/16/18	-	53.44	55.32	1.88	-
RW - 4	02/26/18	-	53.56	54.52	0.96	-
RW - 4	04/17/18	-	53.42	55.14	1.72	-
RW - 4	05/07/18	-	53.55	54.97	1.42	-
RW - 4	08/01/18	-	53.56	55.40	1.84	-
RW - 4	08/09/18	-	53.50	55.41	1.91	-
RW - 4	08/23/18	-	53.49	55.56	2.07	-
RW - 4	08/30/18	-	53.63	55.01	1.38	-
RW - 4	08/31/18	-	53.53	55.42	1.89	-
RW - 4	09/11/18	-	53.64	54.92	1.28	-
RW - 4	09/13/18	-	53.61	54.88	1.27	-
RW - 4	09/19/18	-	53.63	54.91	1.28	-
RW - 4	09/26/18	-	53.61	55.11	1.50	-
RW - 4	10/04/18	-	53.58	55.12	1.54	-
RW - 4	11/14/18	-	53.57	55.01	1.44	-
RW - 4	12/18/18	-	53.57	55.43	1.86	-
RW - 4	02/18/19	-	53.49	55.71	2.22	-
RW - 4	05/14/19	-	53.44	55.84	2.40	-
RW - 4	08/19/19	-	53.54	56.29	2.75	-
RW - 4	11/11/19	-	53.37	56.31	2.94	-
RW - 4	01/08/20	-	53.60	55.92	2.32	-
RW - 4	02/18/20	-	53.93	56.19	2.26	-
RW - 4	05/05/20	-	53.62	56.02	2.40	-
RW - 4	06/11/20	-	53.58	56.24	2.66	-
RW - 4	09/23/20	-	53.64	56.60	2.96	-
RW - 4	12/04/20	-	53.66	56.62	2.96	-
RW - 4	03/23/21	-	53.73	56.42	2.69	-
RW - 4	06/04/21	-	53.60	57.03	3.43	-
RW - 4	08/12/21	-	53.64	57.25	3.61	-
RW - 4	09/30/21	-	53.74	57.24	3.50	-
RW - 4	12/09/21	-	53.95	56.11	2.16	-

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 1	03/02/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	04/05/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	09/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	11/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	02/21/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	05/31/01	<0.001	<0.001	<0.001	<0.001	
MW - 1	08/23/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	11/21/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	02/13/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	06/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	08/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	11/21/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	02/06/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	05/07/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	08/18/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	12/01/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 1	02/05/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 1	12/15/04	<0.001	<0.001	<0.001	<0.001	
MW - 1	03/22/05	Not Sampled on Current Sample Schedule				
MW - 1	06/22/05	Not Sampled on Current Sample Schedule				
MW - 1	09/14/05	Plugged and Abandoned				
MW - 2	03/22/05	Not Sampled Due to PSH in Well				
MW - 2	06/22/05	Not Sampled Due to PSH in Well				
MW - 2	09/21/05	Not Sampled Due to PSH in Well				
MW - 2	12/16/05	Not Sampled Due to PSH in Well				
MW - 2	03/20/06	Not Sampled Due to PSH in Well				
MW - 2	06/21/06	Not Sampled Due to PSH in Well				
MW - 2	09/27/06	Not Sampled Due to PSH in Well				
MW - 2	12/04/06	Not Sampled Due to PSH in Well				
MW - 2	03/14/07	Not Sampled Due to PSH in Well				
MW - 2	05/29/07	Not Sampled Due to PSH in Well				
MW - 2	08/30/07	Not Sampled Due to PSH in Well				
MW - 2	11/12/07	Not Sampled Due to PSH in Well				
MW - 2	03/07/08	Not Sampled Due to PSH in Well				
MW - 2	06/02/08	Not Sampled Due to PSH in Well				
MW - 2	09/03/08	Not Sampled Due to PSH in Well				
MW - 2	12/10/08	13.80	5.200	0.864	2.700	

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 2	02/19/09	Not Sampled Due to PSH in Well				
MW - 2	05/20/09	Not Sampled Due to PSH in Well				
MW - 2	08/12/09	Not Sampled Due to PSH in Well				
MW - 2	11/25/09	12.00	6.380	0.834	2.940	
MW - 2	02/11/10	Not Sampled Due to PSH in Well				
MW - 2	05/17/10	Not Sampled Due to PSH in Well				
MW - 2	08/16/10	Not Sampled Due to PSH in Well				
MW - 2	11/10/10	Not Sampled Due to PSH in Well				
MW - 2	02/28/11	Not Sampled Due to PSH in Well				
MW - 2	05/12/11	Not Sampled Due to PSH in Well				
MW - 2	08/15/11	Not Sampled Due to PSH in Well				
MW - 2	11/22/11	Not Sampled Due to PSH in Well				
MW - 2	02/28/12	Not Sampled Due to PSH in Well				
MW - 2	05/17/12	Not Sampled Due to PSH in Well				
MW - 2	08/01/12	Not Sampled Due to PSH in Well				
MW - 2	11/29/12	Not Sampled Due to PSH in Well				
MW - 2	02/11/13	Not Sampled Due to PSH in Well				
MW - 2	05/06/13	Not Sampled Due to PSH in Well				
MW - 2	08/06/13	Not Sampled Due to PSH in Well				
MW - 2	11/18/13	Not Sampled Due to PSH in Well				
MW - 2	02/04/14	Not Sampled Due to PSH in Well				
MW - 2	05/28/14	Not Sampled Due to PSH in Well				
MW - 2	08/23/14	Not Sampled Due to PSH in Well				
MW - 2	11/18/14	Not Sampled Due to PSH in Well				
MW - 2	02/19/15	Not Sampled Due to PSH in Well				
MW - 2	05/12/15	Not Sampled Due to PSH in Well				
MW - 2	08/18/15	Not Sampled Due to PSH in Well				
MW - 2	11/23/15	Not Sampled Due to PSH in Well				
MW - 2	02/24/16	Not Sampled Due to PSH in Well				
MW - 2	06/13/16	Not Sampled Due to PSH in Well				
MW - 2	08/03/16	Not Sampled Due to PSH in Well				
MW - 2	11/28/16	Not Sampled Due to PSH in Well				
MW - 2	02/21/17	Not Sampled Due to PSH in Well				
MW - 2	05/24/17	Not Sampled Due to PSH in Well				
MW - 2	08/11/17	Not Sampled Due to PSH in Well				
MW - 2	11/28/17	Not Sampled Due to PSH in Well				
MW - 2	02/26/18	Not Sampled Due to PSH in Well				
MW - 2	05/07/18	Not Sampled Due to PSH in Well				

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 2	08/09/18	Not Sampled Due to PSH in Well				
MW - 2	11/14/18	Not Sampled Due to PSH in Well				
MW - 2	02/18/19	Not Sampled Due to PSH in Well				
MW - 2	05/14/19	Not Sampled Due to PSH in Well				
MW - 2	08/19/19	Not Sampled Due to PSH in Well				
MW - 2	11/11/19	Not Sampled Due to PSH in Well				
MW - 2	02/18/20	Not Sampled Due to PSH in Well				
MW - 2	06/11/20	Not Sampled Due to PSH in Well				
MW - 2	09/23/20	Not Sampled Due to PSH in Well				
MW - 2	12/04/20	Not Sampled Due to PSH in Well				
MW - 2	03/23/21	Not Sampled Due to PSH in Well				
MW - 2	06/04/21	Not Sampled Due to PSH in Well				
MW - 2	09/30/21	Not Sampled Due to PSH in Well				
MW - 2	12/09/21	0.224	0.00297	0.116	0.485	
MW - 3	03/22/05	Not Sampled Due to PSH in Well				
MW - 3	06/22/05	Not Sampled Due to PSH in Well				
MW - 3	09/21/05	Not Sampled Due to PSH in Well				
MW - 3	12/16/05	Not Sampled Due to PSH in Well				
MW - 3	03/20/06	Not Sampled Due to PSH in Well				
MW - 3	06/21/06	Not Sampled Due to PSH in Well				
MW - 3	09/27/06	Not Sampled Due to PSH in Well				
MW - 3	12/04/06	Not Sampled Due to PSH in Well				
MW - 3	03/14/07	Not Sampled Due to PSH in Well				
MW - 3	05/29/07	Not Sampled Due to PSH in Well				
MW - 3	08/30/07	Not Sampled Due to PSH in Well				
MW - 3	11/12/07	Not Sampled Due to PSH in Well				
MW - 3	03/07/08	Not Sampled Due to PSH in Well				
MW - 3	06/02/08	Not Sampled Due to PSH in Well				
MW - 3	09/03/08	Not Sampled Due to PSH in Well				
MW - 3	12/10/08	10.10	6.40	1.040	2.80	
MW - 3	02/19/09	Not Sampled Due to PSH in Well				
MW - 3	05/20/09	Not Sampled Due to PSH in Well				
MW - 3	08/12/09	Not Sampled Due to PSH in Well				
MW - 3	11/25/09	16.80	17.20	4.690	14.20	
MW - 3	02/11/10	Not Sampled Due to PSH in Well				
MW - 3	05/17/10	Not Sampled Due to PSH in Well				
MW - 3	08/16/10	Not Sampled Due to PSH in Well				

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p -XYLENES	o -XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 3	11/10/10	Not Sampled Due to PSH in Well				
MW - 3	02/28/11	Not Sampled Due to PSH in Well				
MW - 3	05/12/11	Not Sampled Due to PSH in Well				
MW - 3	08/15/11	Not Sampled Due to PSH in Well				
MW - 3	11/22/11	Not Sampled Due to PSH in Well				
MW - 3	02/28/12	Not Sampled Due to PSH in Well				
MW - 3	05/17/12	Not Sampled Due to PSH in Well				
MW - 3	08/01/12	Not Sampled Due to PSH in Well				
MW - 3	11/29/12	Not Sampled Due to PSH in Well				
MW - 3	02/11/13	Not Sampled Due to PSH in Well				
MW - 3	05/06/13	Not Sampled Due to PSH in Well				
MW - 3	05/06/13	Not Sampled Due to PSH in Well				
MW - 3	11/18/13	Not Sampled Due to PSH in Well				
MW - 3	02/04/14	Not Sampled Due to PSH in Well				
MW - 3	05/28/14	Not Sampled Due to PSH in Well				
MW - 3	08/23/14	Not Sampled Due to PSH in Well				
MW - 3	11/18/14	Not Sampled Due to PSH in Well				
MW - 3	02/19/15	Not Sampled Due to PSH in Well				
MW - 3	05/12/15	Not Sampled Due to PSH in Well				
MW - 3	08/18/15	Not Sampled Due to PSH in Well				
MW - 3	11/23/15	Not Sampled Due to PSH in Well				
MW - 3	02/24/16	Not Sampled Due to PSH in Well				
MW - 3	06/13/16	Not Sampled Due to PSH in Well				
MW - 3	08/03/16	Not Sampled Due to PSH in Well				
MW - 3	11/28/16	Not Sampled Due to PSH in Well				
MW - 3	02/21/17	Not Sampled Due to PSH in Well				
MW - 3	05/24/17	Not Sampled Due to PSH in Well				
MW - 3	08/11/17	Not Sampled Due to PSH in Well				
MW - 3	11/28/17	Not Sampled Due to PSH in Well				
MW - 3	02/26/18	Not Sampled Due to PSH in Well				
MW - 3	05/07/18	Not Sampled Due to PSH in Well				
MW - 3	08/09/18	Not Sampled Due to PSH in Well				
MW - 3	11/14/18	Not Sampled Due to PSH in Well				
MW - 3	02/18/19	Not Sampled Due to PSH in Well				
MW - 3	05/14/19	Not Sampled Due to PSH in Well				
MW - 3	08/19/19	Not Sampled Due to PSH in Well				
MW - 3	11/11/19	Not Sampled Due to PSH in Well				
MW - 3	02/18/20	Not Sampled Due to PSH in Well				

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 3	06/11/20	Not Sampled Due to PSH in Well				
MW - 3	09/23/20	Not Sampled Due to PSH in Well				
MW - 3	12/04/20	Not Sampled Due to PSH in Well				
MW - 3	03/23/21	Not Sampled Due to PSH in Well				
MW - 3	06/04/21	Not Sampled Due to PSH in Well				
MW - 3	09/30/21	Not Sampled Due to PSH in Well				
MW - 3	12/09/21	0.784	0.00235	0.217	0.37015	
MW - 4	03/22/05	Not Sampled Due to PSH in Well				
MW - 4	06/22/05	Not Sampled Due to PSH in Well				
MW - 4	09/21/05	Not Sampled Due to PSH in Well				
MW - 4	12/16/05	Not Sampled Due to PSH in Well				
MW - 4	03/20/06	Not Sampled Due to PSH in Well				
MW - 4	06/21/06	Not Sampled Due to PSH in Well				
MW - 4	09/27/06	Not Sampled Due to PSH in Well				
MW - 4	12/04/06	Not Sampled Due to PSH in Well				
MW - 4	03/14/07	Not Sampled Due to PSH in Well				
MW - 4	05/29/07	Not Sampled Due to PSH in Well				
MW - 4	08/30/07	Not Sampled Due to PSH in Well				
MW - 4	11/12/07	Not Sampled Due to PSH in Well				
MW - 4	03/07/08	Not Sampled Due to PSH in Well				
MW - 4	06/02/08	Not Sampled Due to PSH in Well				
MW - 4	09/03/08	Not Sampled Due to PSH in Well				
MW - 4	12/10/08	1.930	0.996	0.613	1.620	
MW - 4	02/19/09	Not Sampled Due to PSH in Well				
MW - 4	05/20/09	Not Sampled Due to PSH in Well				
MW - 4	08/12/09	Not Sampled Due to PSH in Well				
MW - 4	11/25/09	2.000	1.060	0.618	1.340	
MW - 4	02/11/10	2.150	1.230	0.825	2.150	
MW - 4	05/17/10	0.747	0.125	0.335	0.549	
MW - 4	08/16/10	1.180	0.237	0.445	0.599	
MW - 4	11/10/10	0.583	0.174	0.370	0.762	
MW - 4	02/28/11	1.140	0.343	0.556	0.999	
MW - 4	05/12/11	1.020	0.292	0.517	1.210	
MW - 4	08/15/11	0.838	0.084	0.355	0.387	
MW - 4	11/22/11	0.684	0.061	0.435	1.070	
MW - 4	02/28/12	0.614	0.073	0.366	0.865	
MW - 4	05/17/12	0.901	0.071	0.474	0.929	

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 4	08/01/12	0.632	<0.050	0.396	0.776	
MW - 4	11/29/12	0.188	0.0042	0.135	0.308	
MW - 4	02/11/13	0.262	<0.005	0.329	0.790	
MW - 4	05/06/13	0.396	<0.005	0.480	1.55	
MW - 4	08/06/13	0.259	<0.005	0.406	1.05	
MW - 4	11/19/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 4	12/08/13	0.0777	<0.0500	<0.0500	<0.150	
MW - 4	02/04/14	0.322	<0.0500	0.294	0.684	
MW - 4	05/28/14	Not Sampled Due to PSH in Well				
MW - 4	08/23/14	Not Sampled Due to PSH in Well				
MW - 4	11/18/14	Not Sampled Due to PSH in Well				
MW - 4	02/19/15	Not Sampled Due to PSH in Well				
MW - 4	05/12/15	Not Sampled Due to PSH in Well				
MW - 4	08/18/15	Not Sampled Due to PSH in Well				
MW - 4	11/23/15	Not Sampled Due to PSH in Well				
MW - 4	02/24/16	Not Sampled Due to PSH in Well				
MW - 4	06/13/16	Not Sampled Due to PSH in Well				
MW - 4	08/03/16	Not Sampled Due to PSH in Well				
MW - 4	11/28/16	0.122	<0.00200	0.176	0.413	
MW - 4	02/21/17	0.251	<0.100	0.201	0.540	
MW - 4	05/24/17	Not Sampled Due to PSH in Well				
MW - 4	08/11/17	Not Sampled Due to PSH in Well				
MW - 4	11/28/17	Not Sampled Due to PSH in Well				
MW - 4	02/26/18	Not Sampled Due to PSH in Well				
MW - 4	05/07/18	Not Sampled Due to PSH in Well				
MW - 4	08/09/18	Not Sampled Due to PSH in Well				
MW - 4	11/14/18	Not Sampled Due to PSH in Well				
MW - 4	02/18/19	0.0987	0.0218	0.254	0.718	
MW - 4	05/14/19	0.0604	0.0315	0.117	0.348	
MW - 4	08/19/19	0.0436	0.0385	0.141	0.3248	
MW - 4	11/11/19	0.166	0.233	0.327	1.114	
MW - 4	02/18/20	Not Sampled Due to PSH in Well				
MW - 4	06/11/20	Not Sampled Due to PSH in Well				
MW - 4	09/23/20	Not Sampled Due to PSH in Well				
MW - 4	12/04/20	Not Sampled Due to PSH in Well				
MW - 4	03/23/21	Not Sampled Due to PSH in Well				
MW - 4	06/04/21	Not Sampled Due to PSH in Well				
MW - 4	09/30/21	Not Sampled Due to PSH in Well				

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 4	12/09/21	0.0108	0.00861	0.054	0.2025	
MW - 5	03/22/05	Not Sampled Due to PSH in Well				
MW - 5	06/22/05	Not Sampled Due to PSH in Well				
MW - 5	09/21/05	Not Sampled Due to PSH in Well				
MW - 5	12/16/05	Not Sampled Due to PSH in Well				
MW - 5	03/20/06	Not Sampled Due to PSH in Well				
MW - 5	06/21/06	Not Sampled Due to PSH in Well				
MW - 5	09/27/06	Not Sampled Due to PSH in Well				
MW - 5	12/04/06	Not Sampled Due to PSH in Well				
MW - 5	03/14/07	Not Sampled Due to PSH in Well				
MW - 5	05/29/07	Not Sampled Due to PSH in Well				
MW - 5	08/30/07	Not Sampled Due to PSH in Well				
MW - 5	11/12/07	Not Sampled Due to PSH in Well				
MW - 5	03/07/08	Not Sampled Due to PSH in Well				
MW - 5	06/02/08	Not Sampled Due to PSH in Well				
MW - 5	09/03/08	Not Sampled Due to PSH in Well				
MW - 5	12/10/08	18.90	9.030	1.490	3.520	
MW - 5	02/19/09	Not Sampled Due to PSH in Well				
MW - 5	05/20/09	Not Sampled Due to PSH in Well				
MW - 5	08/12/09	Not Sampled Due to PSH in Well				
MW - 5	11/25/09	15.60	5.700	1.080	2.290	
MW - 5	02/11/10	Not Sampled Due to PSH in Well				
MW - 5	05/17/10	Not Sampled Due to PSH in Well				
MW - 5	08/16/10	Not Sampled Due to PSH in Well				
MW - 5	11/10/10	Not Sampled Due to PSH in Well				
MW - 5	02/28/11	Not Sampled Due to PSH in Well				
MW - 5	05/12/11	Not Sampled Due to PSH in Well				
MW - 5	08/15/11	Not Sampled Due to PSH in Well				
MW - 5	11/22/11	Not Sampled Due to PSH in Well				
MW - 5	02/28/12	Not Sampled Due to PSH in Well				
MW - 5	05/17/12	Not Sampled Due to PSH in Well				
MW - 5	08/01/12	Not Sampled Due to PSH in Well				
MW - 5	11/29/12	Not Sampled Due to PSH in Well				
MW - 5	02/11/13	Not Sampled Due to PSH in Well				
MW - 5	05/06/13	Not Sampled Due to PSH in Well				
MW - 5	08/06/13	Not Sampled Due to PSH in Well				
MW - 5	11/18/13	Not Sampled Due to PSH in Well				

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 5	02/04/14	Not Sampled Due to PSH in Well				
MW - 5	05/28/14	Not Sampled Due to PSH in Well				
MW - 5	08/23/14	Not Sampled Due to PSH in Well				
MW - 5	11/18/14	Not Sampled Due to PSH in Well				
MW - 5	02/19/15	Not Sampled Due to PSH in Well				
MW - 5	05/12/15	Not Sampled Due to PSH in Well				
MW - 5	11/18/14	Not Sampled Due to PSH in Well				
MW - 5	08/18/15	Not Sampled Due to PSH in Well				
MW - 5	11/23/15	Not Sampled Due to PSH in Well				
MW - 5	02/24/16	Not Sampled Due to PSH in Well				
MW - 5	06/13/16	Not Sampled Due to PSH in Well				
MW - 5	08/03/16	Not Sampled Due to PSH in Well				
MW - 5	11/28/16	Not Sampled Due to PSH in Well				
MW - 5	02/21/17	Not Sampled Due to PSH in Well				
MW - 5	05/24/17	Not Sampled Due to PSH in Well				
MW - 5	08/11/17	Not Sampled Due to PSH in Well				
MW - 5	11/28/17	Not Sampled Due to PSH in Well				
MW - 5	02/26/18	Not Sampled Due to PSH in Well				
MW - 5	05/07/18	Not Sampled Due to PSH in Well				
MW - 5	08/09/18	Not Sampled Due to PSH in Well				
MW - 5	11/14/18	Not Sampled Due to PSH in Well				
MW - 5	02/18/19	Not Sampled Due to PSH in Well				
MW - 5	05/14/19	Not Sampled Due to PSH in Well				
MW - 5	08/19/19	Not Sampled Due to PSH in Well				
MW - 5	11/11/19	Not Sampled Due to PSH in Well				
MW - 5	02/18/20	Not Sampled Due to PSH in Well				
MW - 5	06/11/20	Not Sampled Due to PSH in Well				
MW - 5	09/23/20	Not Sampled Due to PSH in Well				
MW - 5	12/04/20	Not Sampled Due to PSH in Well				
MW - 5	03/23/21	Not Sampled Due to PSH in Well				
MW - 5	06/04/21	Not Sampled Due to PSH in Well				
MW - 5	09/30/21	Not Sampled Due to PSH in Well				
MW - 5	12/09/21	8.13	2.12	0.643	1.238	
MW - 6	03/22/05	Not Sampled Due to PSH in Well				
MW - 6	06/22/05	Not Sampled Due to PSH in Well				
MW - 6	09/21/05	Not Sampled Due to PSH in Well				
MW - 6	12/16/05	Not Sampled Due to PSH in Well				

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 6	03/20/06	Not Sampled Due to PSH in Well				
MW - 6	06/21/06	Not Sampled Due to PSH in Well				
MW - 6	09/27/06	Not Sampled Due to PSH in Well				
MW - 6	12/04/06	Not Sampled Due to PSH in Well				
MW - 6	03/14/07	Not Sampled Due to PSH in Well				
MW - 6	05/29/07	Not Sampled Due to PSH in Well				
MW - 6	08/30/07	Not Sampled Due to PSH in Well				
MW - 6	11/12/07	Not Sampled Due to PSH in Well				
MW - 6	03/07/08	Not Sampled Due to PSH in Well				
MW - 6	06/02/08	Not Sampled Due to PSH in Well				
MW - 6	09/03/08	Not Sampled Due to PSH in Well				
MW - 6	12/10/08	26.00	3.950	1.230	2.850	
MW - 6	02/19/09	Not Sampled Due to PSH in Well				
MW - 6	05/20/09	Not Sampled Due to PSH in Well				
MW - 6	08/12/09	Not Sampled Due to PSH in Well				
MW - 6	11/25/09	19.80	5.060	1.010	2.330	
MW - 6	02/11/10	Not Sampled Due to PSH in Well				
MW - 6	05/17/10	Not Sampled Due to PSH in Well				
MW - 6	08/16/10	Not Sampled Due to PSH in Well				
MW - 6	11/10/10	4.04	2.830	0.494	1.710	
MW - 6	02/28/11	3.77	2.320	0.330	0.926	
MW - 6	05/12/11	1.37	0.637	0.123	0.503	
MW - 6	08/15/11	2.10	0.945	0.0741	0.612	
MW - 6	11/22/11	3.59	1.460	0.3170	1.100	
MW - 6	02/28/12	4.54	1.560	0.2890	1.200	
MW - 6	05/17/12	Not Sampled Due to PSH in Well				
MW - 6	08/01/12	Not Sampled Due to PSH in Well				
MW - 6	11/29/12	Not Sampled Due to PSH in Well				
MW - 6	02/11/13	Not Sampled Due to PSH in Well				
MW - 6	05/06/13	Not Sampled Due to PSH in Well				
MW - 6	08/06/13	Not Sampled Due to PSH in Well				
MW - 6	11/18/13	Not Sampled Due to PSH in Well				
MW - 6	02/04/14	Not Sampled Due to PSH in Well				
MW - 6	05/28/14	Not Sampled Due to PSH in Well				
MW - 6	08/23/14	Not Sampled Due to PSH in Well				
MW - 6	11/18/14	Not Sampled Due to PSH in Well				
MW - 6	02/19/15	0.579	<0.0500	0.0912	0.154	
MW - 6	05/12/15	Not Sampled Due to PSH in Well				

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 6	08/18/15	0.324	<0.0500	<0.0500	0.158	
MW - 6	11/23/15	0.286	<0.00100	0.0413	0.0857	
MW - 6	02/24/16	0.682	<0.0500	0.161	0.190	
MW - 6	06/13/16	0.254	<0.0500	0.0578	0.103	
MW - 6	08/03/16	0.129	<0.00100	0.0167	0.0288	
MW - 6	11/28/16	0.254	<0.00200	0.0403	0.0661	
MW - 6	02/21/17	0.246	<0.00200	0.0275	0.09560	
MW - 6	05/24/17	Not Sampled Due to PSH in Well				
MW - 6	08/11/17	Not Sampled Due to PSH in Well				
MW - 6	11/28/17	Not Sampled Due to PSH in Well				
MW - 6	02/26/18	Not Sampled Due to PSH in Well				
MW - 6	05/07/18	Not Sampled Due to PSH in Well				
MW - 6	08/09/18	Not Sampled Due to PSH in Well				
MW - 6	11/14/18	Not Sampled Due to PSH in Well				
MW - 6	02/18/19	Not Sampled Due to PSH in Well				
MW - 6	05/14/19	Not Sampled Due to PSH in Well				
MW - 6	08/19/19	Not Sampled Due to PSH in Well				
MW - 6	11/11/19	Not Sampled Due to PSH in Well				
MW - 6	02/18/20	Not Sampled Due to PSH in Well				
MW - 6	06/11/20	Not Sampled Due to PSH in Well				
MW - 6	09/23/20	Not Sampled Due to PSH in Well				
MW - 6	12/04/20	Not Sampled Due to PSH in Well				
MW - 6	03/23/21	Not Sampled Due to PSH in Well				
MW - 6	06/04/21	Not Sampled Due to PSH in Well				
MW - 6	09/30/21	Not Sampled Due to PSH in Well				
MW - 6	12/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 7	03/02/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	04/25/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	09/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	11/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	02/21/01	0.005	<0.001	<0.001	0.013	0.026
MW - 7	05/31/01	0.033	0.015	<0.001	0.100	
MW - 7	08/23/01	0.009	0.002	<0.001	0.029	0.049
MW - 7	11/21/01	0.007	0.002	<0.001	0.022	0.037
MW - 7	02/13/02	0.004	<0.001	<0.001	0.017	0.027
MW - 7	06/12/02	0.002	<0.001	<0.001	0.009	0.001
MW - 7	08/26/02	0.001	<0.001	0.012	0.014	<0.001

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 7	11/21/02	<0.001	<0.001	<0.001	0.003	<0.001
MW - 7	02/06/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	05/07/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	08/18/03	<0.001	<0.001	<0.001	0.002	<0.001
MW - 7	12/01/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 7	02/05/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 7	12/15/04	<0.001	<0.001	<0.001	<0.001	
MW - 7	03/22/05	Not Sampled on Current Sample Schedule				
MW - 7	06/22/05	Not Sampled on Current Sample Schedule				
MW - 7	09/21/05	Not Sampled on Current Sample Schedule				
MW - 7	12/16/05	<0.001	<0.001	0.0028	0.0031	
MW - 7	03/20/06	Not Sampled on Current Sample Schedule				
MW - 7	06/21/06	Not Sampled on Current Sample Schedule				
MW - 7	09/27/06	Not Sampled on Current Sample Schedule				
MW - 7	12/04/06	<0.001	<0.001	0.0309	0.0085	
MW - 7	03/14/07	Not Sampled on Current Sample Schedule				
MW - 7	05/29/07	Not Sampled on Current Sample Schedule				
MW - 7	08/30/07	Not Sampled on Current Sample Schedule				
MW - 7	11/12/07	<0.001	<0.001	0.0062	0.0015	
MW - 7	03/07/08	Not Sampled on Current Sample Schedule				
MW - 7	06/02/08	Not Sampled on Current Sample Schedule				
MW - 7	09/03/08	Not Sampled on Current Sample Schedule				
MW - 7	12/08/08	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/19/09	Not Sampled on Current Sample Schedule				
MW - 7	05/20/09	Not Sampled on Current Sample Schedule				
MW - 7	08/12/09	Not Sampled on Current Sample Schedule				
MW - 7	11/25/09	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/11/10	Not Sampled on Current Sample Schedule				
MW - 7	05/17/10	Not Sampled on Current Sample Schedule				
MW - 7	08/16/10	Not Sampled on Current Sample Schedule				
MW - 7	11/10/10	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/28/11	Not Sampled on Current Sample Schedule				
MW - 7	05/12/11	Not Sampled on Current Sample Schedule				
MW - 7	08/15/11	Not Sampled on Current Sample Schedule				
MW - 7	11/22/11	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/28/12	Not Sampled on Current Sample Schedule				
MW - 7	05/17/12	Not Sampled on Current Sample Schedule				
MW - 7	08/01/12	Not Sampled on Current Sample Schedule				

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 7	11/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/11/13	Not Sampled on Current Sample Schedule				
MW - 7	05/06/13	Not Sampled on Current Sample Schedule				
MW - 7	08/06/13	Not Sampled on Current Sample Schedule				
MW - 7	11/19/13	0.0729	0.0023	0.0788	0.2020	
MW - 7	12/08/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 7	02/04/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 7	05/28/14	Not Sampled on Current Sample Schedule				
MW - 7	08/23/14	Not Sampled on Current Sample Schedule				
MW - 7	11/18/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/19/15	Not Sampled on Current Sample Schedule				
MW - 7	05/12/15	Not Sampled on Current Sample Schedule				
MW - 7	08/18/15	Not Sampled on Current Sample Schedule				
MW - 7	11/23/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/24/16	Not Sampled on Current Sample Schedule				
MW - 7	06/13/16	Not Sampled on Current Sample Schedule				
MW - 7	08/03/16	Not Sampled on Current Sample Schedule				
MW - 7	11/28/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 7	02/21/17	Not Sampled on Current Sample Schedule				
MW - 7	05/24/17	Not Sampled on Current Sample Schedule				
MW - 7	08/11/17	Not Sampled on Current Sample Schedule				
MW - 7	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 7	02/26/18	Not Sampled on Current Sample Schedule				
MW - 7	05/07/18	Not Sampled on Current Sample Schedule				
MW - 7	08/09/18	Not Sampled on Current Sample Schedule				
MW - 7	11/14/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 7	02/18/19	Not Sampled on Current Sample Schedule				
MW - 7	05/14/19	Not Sampled on Current Sample Schedule				
MW - 7	08/19/19	Not Sampled on Current Sample Schedule				
MW - 7	11/11/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 7	02/18/20	Not Sampled on Current Sample Schedule				
MW - 7	06/11/20	Not Sampled on Current Sample Schedule				
MW - 7	09/23/20	Not Sampled on Current Sample Schedule				
MW - 7	12/24/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 7	03/23/21	Not Sampled on Current Sample Schedule				
MW - 7	06/04/21	Not Sampled on Current Sample Schedule				
MW - 7	09/30/21	Not Sampled on Current Sample Schedule				
MW - 7	12/09/21	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 8	03/02/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	04/25/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	09/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	11/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	02/21/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	05/31/01	<0.001	<0.001	<0.001	<0.001	
MW - 8	08/23/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	11/21/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	02/13/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	06/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	08/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	11/21/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	02/06/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	05/07/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	08/18/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	12/01/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 8	02/05/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 8	12/15/04	<0.001	<0.001	<0.001	<0.001	
MW - 8	03/22/05	Not Sampled on Current Sample Schedule				
MW - 8	06/22/05	Not Sampled on Current Sample Schedule				
MW - 8	09/14/05	Plugged and Abandoned				
MW - 9	03/22/05	Not Sampled Due to PSH in Well				
MW - 9	06/22/05	Not Sampled Due to PSH in Well				
MW - 9	09/21/05	Not Sampled Due to PSH in Well				
MW - 9	12/16/05	Not Sampled Due to PSH in Well				
MW - 9	03/20/06	Not Sampled Due to PSH in Well				
MW - 9	06/21/06	Not Sampled Due to PSH in Well				
MW - 9	09/27/06	Not Sampled Due to PSH in Well				
MW - 9	12/04/06	Not Sampled Due to PSH in Well				
MW - 9	03/14/07	Not Sampled Due to PSH in Well				
MW - 9	05/29/07	Not Sampled Due to PSH in Well				
MW - 9	08/30/07	Not Sampled Due to PSH in Well				
MW - 9	11/12/07	Not Sampled Due to PSH in Well				
MW - 9	03/07/08	Not Sampled Due to PSH in Well				
MW - 9	06/02/08	Not Sampled Due to PSH in Well				
MW - 9	09/03/08	Not Sampled Due to PSH in Well				

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 9	12/10/08	2.240	2.850	0.633	1.790	
MW - 9	02/19/09	Not Sampled Due to PSH in Well				
MW - 9	05/20/09	Not Sampled Due to PSH in Well				
MW - 9	08/12/09	Not Sampled Due to PSH in Well				
MW - 9	08/12/09	2.090	2.470	0.503	1.600	
MW - 9	02/11/10	Not Sampled Due to PSH in Well				
MW - 9	05/17/10	Not Sampled Due to PSH in Well				
MW - 9	08/16/10	Not Sampled Due to PSH in Well				
MW - 9	11/10/10	Not Sampled Due to PSH in Well				
MW - 9	02/28/11	Not Sampled Due to PSH in Well				
MW - 9	05/12/11	Not Sampled Due to PSH in Well				
MW - 9	08/15/11	Not Sampled Due to PSH in Well				
MW - 9	11/22/11	Not Sampled Due to PSH in Well				
MW - 9	02/28/12	Not Sampled Due to PSH in Well				
MW - 9	05/17/12	Not Sampled Due to PSH in Well				
MW - 9	08/01/12	Not Sampled Due to PSH in Well				
MW - 9	11/29/12	Not Sampled Due to PSH in Well				
MW - 9	02/11/13	Not Sampled Due to PSH in Well				
MW - 9	05/06/13	Not Sampled Due to PSH in Well				
MW - 9	08/06/13	Not Sampled Due to PSH in Well				
MW - 9	11/18/13	Not Sampled Due to PSH in Well				
MW - 9	02/04/14	Not Sampled Due to PSH in Well				
MW - 9	05/28/14	Not Sampled Due to PSH in Well				
MW - 9	08/23/14	Not Sampled Due to PSH in Well				
MW - 9	11/18/14	Not Sampled Due to PSH in Well				
MW - 9	02/19/15	Not Sampled Due to PSH in Well				
MW - 9	05/12/15	Not Sampled Due to PSH in Well				
MW - 9	08/18/15	Not Sampled Due to PSH in Well				
MW - 9	11/23/15	Not Sampled Due to PSH in Well				
MW - 9	02/24/16	Not Sampled Due to PSH in Well				
MW - 9	06/13/16	Not Sampled Due to PSH in Well				
MW - 9	08/03/16	Not Sampled Due to PSH in Well				
MW - 9	11/28/16	Not Sampled Due to PSH in Well				
MW - 9	02/21/17	Not Sampled Due to PSH in Well				
MW - 9	05/24/17	Not Sampled Due to PSH in Well				
MW - 9	08/11/17	Not Sampled Due to PSH in Well				
MW - 9	11/28/17	Not Sampled Due to PSH in Well				
MW - 9	02/26/18	Not Sampled Due to PSH in Well				

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 9	05/07/18	Not Sampled Due to PSH in Well				
MW - 9	08/09/18	Not Sampled Due to PSH in Well				
MW - 9	11/14/18	Not Sampled Due to PSH in Well				
MW - 9	02/18/19	0.00893	0.0254	0.0608	0.1877	
MW - 9	05/14/19	0.0239	0.0786	0.119	0.350	
MW - 9	08/19/19	0.00796	0.0224	0.0565	0.221	
MW - 9	11/11/19	0.0141	0.202	0.274	1.003	
MW - 9	02/18/20	Not Sampled Due to PSH in Well				
MW - 9	06/11/20	Not Sampled Due to PSH in Well				
MW - 9	09/23/20	Not Sampled Due to PSH in Well				
MW - 9	12/04/20	Not Sampled Due to PSH in Well				
MW - 9	03/23/21	Not Sampled Due to PSH in Well				
MW - 9	06/04/21	Not Sampled Due to PSH in Well				
MW - 9	09/30/21	Not Sampled Due to PSH in Well				
MW - 9	12/09/21	0.0141	0.0444	0.120	0.507	
MW - 10	03/02/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	04/25/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	09/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	11/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	02/21/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	05/31/01	<0.001	<0.001	<0.001	<0.001	
MW - 10	08/23/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	11/21/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	02/13/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	06/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	08/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	11/21/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	02/06/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	05/07/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	08/18/03	0.005	0.002	<0.001	0.001	<0.001
MW - 10	12/01/03	0.002	0.001	<0.001	<0.002	<0.001
MW - 10	02/05/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 10	12/15/04	<0.001	<0.001	<0.001	<0.001	
MW - 10	03/22/05	Not Sampled on Current Sample Schedule				
MW - 10	06/22/05	Not Sampled on Current Sample Schedule				
MW - 10	09/21/05	Not Sampled on Current Sample Schedule				
MW - 10	12/16/05	<0.001	<0.001	<0.001	<0.001	

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 10	03/20/06	Not Sampled on Current Sample Schedule				
MW - 10	06/21/06	Not Sampled on Current Sample Schedule				
MW - 10	09/27/06	Not Sampled on Current Sample Schedule				
MW - 10	12/04/06	<0.001	<0.001	<0.001	<0.001	
MW - 10	03/14/07	Not Sampled on Current Sample Schedule				
MW - 10	05/29/07	Not Sampled on Current Sample Schedule				
MW - 10	08/30/07	Not Sampled on Current Sample Schedule				
MW - 10	11/12/07	<0.001	<0.001	<0.001	<0.001	
MW - 10	03/07/08	Not Sampled on Current Sample Schedule				
MW - 10	06/02/08	Not Sampled on Current Sample Schedule				
MW - 10	09/03/08	Not Sampled on Current Sample Schedule				
MW - 10	12/08/08	<0.001	<0.001	<0.001	<0.001	
MW - 10	02/19/09	Not Sampled on Current Sample Schedule				
MW - 10	05/20/09	Not Sampled on Current Sample Schedule				
MW - 10	08/12/09	Not Sampled on Current Sample Schedule				
MW - 10	11/25/09	<0.001	<0.001	<0.001	<0.001	
MW - 10	02/11/10	Not Sampled on Current Sample Schedule				
MW - 10	05/17/10	Not Sampled on Current Sample Schedule				
MW - 10	08/16/10	Not Sampled on Current Sample Schedule				
MW - 10	11/10/10	<0.001	<0.001	<0.001	<0.001	
MW - 10	02/28/11	Not Sampled on Current Sample Schedule				
MW - 10	05/12/11	Not Sampled on Current Sample Schedule				
MW - 10	08/15/11	Not Sampled on Current Sample Schedule				
MW - 10	11/22/11	<0.001	<0.001	<0.001	<0.001	
MW - 10	02/28/12	Not Sampled on Current Sample Schedule				
MW - 10	05/17/12	Not Sampled on Current Sample Schedule				
MW - 10	08/01/12	Not Sampled on Current Sample Schedule				
MW - 10	11/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 10	02/11/13	Not Sampled on Current Sample Schedule				
MW - 10	05/06/13	Not Sampled on Current Sample Schedule				
MW - 10	08/06/13	Not Sampled on Current Sample Schedule				
MW - 10	11/18/13	<0.001	<0.001	<0.001	<0.001	
MW - 10	02/04/14	Not Sampled on Current Sample Schedule				
MW - 10	05/28/14	Not Sampled on Current Sample Schedule				
MW - 10	08/23/14	Not Sampled on Current Sample Schedule				
MW - 10	11/18/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	02/19/15	Not Sampled on Current Sample Schedule				
MW - 10	05/12/15	Not Sampled on Current Sample Schedule				

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 10	08/18/15	Not Sampled on Current Sample Schedule				
MW - 10	11/23/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	02/24/16	Not Sampled on Current Sample Schedule				
MW - 10	06/13/16	Not Sampled on Current Sample Schedule				
MW - 10	08/03/16	Not Sampled on Current Sample Schedule				
MW - 10	11/28/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 10	02/21/17	Not Sampled on Current Sample Schedule				
MW - 10	05/24/17	Not Sampled on Current Sample Schedule				
MW - 10	08/11/17	Not Sampled on Current Sample Schedule				
MW - 10	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 10	02/26/18	Not Sampled on Current Sample Schedule				
MW - 10	05/07/18	Not Sampled on Current Sample Schedule				
MW - 10	08/09/18	Not Sampled on Current Sample Schedule				
MW - 10	11/14/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 10	02/18/19	Not Sampled on Current Sample Schedule				
MW - 10	05/14/19	Not Sampled on Current Sample Schedule				
MW - 10	08/19/19	Not Sampled on Current Sample Schedule				
MW - 10	11/11/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	02/18/20	Not Sampled on Current Sample Schedule				
MW - 10	06/11/20	Not Sampled on Current Sample Schedule				
MW - 10	09/23/20	Not Sampled on Current Sample Schedule				
MW - 10	12/24/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	03/23/21	Not Sampled on Current Sample Schedule				
MW - 10	06/04/21	Not Sampled on Current Sample Schedule				
MW - 10	09/30/21	Not Sampled on Current Sample Schedule				
MW - 10	12/09/21	<0.00100	<0.00100	0.00392	0.00298	
MW - 11	03/02/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	04/25/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	09/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	11/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	02/21/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	05/31/01	0.015	<0.001	<0.001	<0.001	
MW - 11	08/23/01	0.005	<0.001	<0.001	<0.001	<0.001
MW - 11	11/21/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	02/13/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	06/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	08/26/02	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 11	11/21/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	02/06/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	05/07/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	08/18/03	0.006	<0.001	<0.001	0.006	<0.001
MW - 11	12/01/03	0.039	<0.001	0.002	0.004	<0.001
MW - 11	02/05/04	<0.001	<0.001	<0.001	0.017	<0.001
MW - 11	05/05/04	<0.001	<0.001	<0.001	0.005	<0.001
MW - 11	09/01/04	<0.001	<0.001	<0.001	0.006	<0.001
MW - 11	12/15/04	<0.001	<0.001	<0.001	0.002	
MW - 11	03/22/05	<0.001	<0.001	<0.001	<0.001	
MW - 11	06/22/05	<0.001	<0.001	<0.001	<0.001	
MW - 11	09/21/05	<0.001	<0.001	<0.001	<0.001	
MW - 11	12/16/05	<0.001	<0.001	<0.001	<0.001	
MW - 11	03/20/06	<0.001	<0.001	<0.001	<0.001	
MW - 11	06/21/06	<0.001	<0.001	<0.001	<0.001	
MW - 11	09/27/06	Not Sampled on Current Sample Schedule				
MW - 11	12/04/06	<0.001	<0.001	<0.001	<0.001	
MW - 11	03/14/07	Not Sampled on Current Sample Schedule				
MW - 11	05/29/07	Not Sampled on Current Sample Schedule				
MW - 11	08/30/07	Not Sampled on Current Sample Schedule				
MW - 11	11/12/07	<0.001	<0.001	<0.001	<0.001	
MW - 11	03/07/08	Not Sampled on Current Sample Schedule				
MW - 11	06/02/08	Not Sampled on Current Sample Schedule				
MW - 11	09/03/08	Not Sampled on Current Sample Schedule				
MW - 11	12/08/08	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/19/09	Not Sampled on Current Sample Schedule				
MW - 11	05/20/09	Not Sampled on Current Sample Schedule				
MW - 11	08/12/09	Not Sampled on Current Sample Schedule				
MW - 11	11/25/09	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/11/10	Not Sampled on Current Sample Schedule				
MW - 11	05/17/10	Not Sampled on Current Sample Schedule				
MW - 11	08/16/10	Not Sampled on Current Sample Schedule				
MW - 11	11/10/10	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/28/11	Not Sampled on Current Sample Schedule				
MW - 11	05/12/11	Not Sampled on Current Sample Schedule				
MW - 11	08/15/11	Not Sampled on Current Sample Schedule				
MW - 11	11/22/11	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/28/12	Not Sampled on Current Sample Schedule				

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 11	05/17/12	Not Sampled on Current Sample Schedule				
MW - 11	08/01/12	Not Sampled on Current Sample Schedule				
MW - 11	11/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/11/13	Not Sampled on Current Sample Schedule				
MW - 11	05/06/13	Not Sampled on Current Sample Schedule				
MW - 11	08/06/13	Not Sampled on Current Sample Schedule				
MW - 11	11/18/13	0.0023	<0.001	<0.001	<0.00300	
MW - 11	02/04/14	Not Sampled on Current Sample Schedule				
MW - 11	05/28/14	Not Sampled on Current Sample Schedule				
MW - 11	08/23/14	Not Sampled on Current Sample Schedule				
MW - 11	11/18/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/19/15	Not Sampled on Current Sample Schedule				
MW - 11	05/12/15	Not Sampled on Current Sample Schedule				
MW - 11	08/18/15	Not Sampled on Current Sample Schedule				
MW - 11	11/23/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/24/16	Not Sampled on Current Sample Schedule				
MW - 11	06/13/16	Not Sampled on Current Sample Schedule				
MW - 11	08/03/16	Not Sampled on Current Sample Schedule				
MW - 11	11/28/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 11	02/21/17	Not Sampled on Current Sample Schedule				
MW - 11	05/24/17	Not Sampled on Current Sample Schedule				
MW - 11	08/11/17	Not Sampled on Current Sample Schedule				
MW - 11	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 11	02/26/18	Not Sampled on Current Sample Schedule				
MW - 11	05/07/18	Not Sampled on Current Sample Schedule				
MW - 11	08/09/18	Not Sampled on Current Sample Schedule				
MW - 11	11/14/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 11	02/18/19	Not Sampled on Current Sample Schedule				
MW - 11	05/14/19	Not Sampled on Current Sample Schedule				
MW - 11	08/19/19	Not Sampled on Current Sample Schedule				
MW - 11	11/11/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11	02/18/20	Not Sampled on Current Sample Schedule				
MW - 11	06/11/20	Not Sampled on Current Sample Schedule				
MW - 11	09/23/20	Not Sampled on Current Sample Schedule				
MW - 11	12/24/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11	03/23/21	Not Sampled on Current Sample Schedule				
MW - 11	06/04/21	Not Sampled on Current Sample Schedule				
MW - 11	09/30/21	Not Sampled on Current Sample Schedule				

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 11	12/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	03/02/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	04/25/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	09/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	11/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	02/21/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	05/31/01	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/23/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	11/21/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	02/13/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	06/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	08/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	11/21/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	02/06/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	05/07/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	08/18/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	12/01/03	0.002	0.001	<0.001	<0.002	<0.001
MW - 12	02/05/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	12/15/04	<0.001	<0.001	<0.001	<0.001	
MW - 12	03/22/05	Not Sampled on Current Sample Schedule				
MW - 12	06/22/05	Not Sampled on Current Sample Schedule				
MW - 12	09/21/05	Not Sampled on Current Sample Schedule				
MW - 12	12/16/05	<0.001	<0.001	<0.001	<0.001	
MW - 12	03/20/06	Not Sampled on Current Sample Schedule				
MW - 12	06/21/06	Not Sampled on Current Sample Schedule				
MW - 12	09/27/06	Not Sampled on Current Sample Schedule				
MW - 12	12/04/06	<0.001	<0.001	<0.001	<0.001	
MW - 12	03/14/07	Not Sampled on Current Sample Schedule				
MW - 12	05/29/07	Not Sampled on Current Sample Schedule				
MW - 12	08/30/07	Not Sampled on Current Sample Schedule				
MW - 12	11/12/07	<0.001	<0.001	<0.001	<0.001	
MW - 12	03/07/08	Not Sampled on Current Sample Schedule				
MW - 12	06/02/08	Not Sampled on Current Sample Schedule				
MW - 12	09/04/08	Not Sampled on Current Sample Schedule				
MW - 12	12/08/08	<0.001	<0.001	<0.001	0.007	
MW - 12	02/19/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	05/20/09	Not Sampled on Current Sample Schedule				

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 12	08/12/09	Not Sampled on Current Sample Schedule				
MW - 12	11/25/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/11/10	Not Sampled on Current Sample Schedule				
MW - 12	05/17/10	Not Sampled on Current Sample Schedule				
MW - 12	08/16/10	Not Sampled on Current Sample Schedule				
MW - 12	11/10/10	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/28/11	Not Sampled on Current Sample Schedule				
MW - 12	05/12/11	Not Sampled on Current Sample Schedule				
MW - 12	08/15/11	Not Sampled on Current Sample Schedule				
MW - 12	11/22/11	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/28/12	Not Sampled on Current Sample Schedule				
MW - 12	05/17/12	Not Sampled on Current Sample Schedule				
MW - 12	08/01/12	Not Sampled on Current Sample Schedule				
MW - 12	11/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/11/13	Not Sampled on Current Sample Schedule				
MW - 12	05/06/13	Not Sampled on Current Sample Schedule				
MW - 12	08/06/13	Not Sampled on Current Sample Schedule				
MW - 12	11/18/13	0.386	<0.001	0.0412	0.0058	
MW - 12	12/08/13	<0.00100	<0.001	<0.00100	<0.00300	
MW - 12	02/04/14	Not Sampled on Current Sample Schedule				
MW - 12	05/28/14	Not Sampled on Current Sample Schedule				
MW - 12	08/23/14	Not Sampled on Current Sample Schedule				
MW - 12	11/18/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	02/19/15	Not Sampled on Current Sample Schedule				
MW - 12	05/12/15	Not Sampled on Current Sample Schedule				
MW - 12	08/18/15	Not Sampled on Current Sample Schedule				
MW - 12	11/23/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	02/24/16	Not Sampled on Current Sample Schedule				
MW - 12	06/13/16	Not Sampled on Current Sample Schedule				
MW - 12	08/03/16	Not Sampled on Current Sample Schedule				
MW - 12	11/28/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 12	02/21/17	Not Sampled on Current Sample Schedule				
MW - 12	05/24/17	Not Sampled on Current Sample Schedule				
MW - 12	08/11/17	Not Sampled on Current Sample Schedule				
MW - 12	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 12	02/26/18	Not Sampled on Current Sample Schedule				
MW - 12	05/07/18	Not Sampled on Current Sample Schedule				
MW - 12	08/09/18	Not Sampled on Current Sample Schedule				

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 12	11/14/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 12	02/18/19	Not Sampled on Current Sample Schedule				
MW - 12	05/14/19	Not Sampled on Current Sample Schedule				
MW - 12	08/19/19	Not Sampled on Current Sample Schedule				
MW - 12	11/11/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	02/18/20	Not Sampled on Current Sample Schedule				
MW - 12	06/11/20	Not Sampled on Current Sample Schedule				
MW - 12	09/23/20	Not Sampled on Current Sample Schedule				
MW - 12	12/24/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	03/23/21	Not Sampled on Current Sample Schedule				
MW - 12	06/04/21	Not Sampled on Current Sample Schedule				
MW - 12	09/30/21	Not Sampled on Current Sample Schedule				
MW - 12	12/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	03/02/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	04/25/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	09/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	11/28/00	0.004	<0.001	<0.001	<0.001	<0.001
MW - 13	02/21/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	05/31/01	<0.001	<0.001	<0.001	<0.001	
MW - 13	08/23/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	11/21/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	02/13/02	0.007	<0.001	<0.001	<0.001	<0.001
MW - 13	06/12/02	0.115	<0.001	<0.001	0.013	<0.001
MW - 13	08/26/02	0.046	<0.001	<0.001	0.024	<0.001
MW - 13	11/21/02	0.010	<0.001	<0.001	0.045	<0.001
MW - 13	02/06/03	<0.001	<0.001	<0.001	0.028	<0.001
MW - 13	05/07/03	0.003	<0.001	<0.001	0.019	<0.001
MW - 13	08/18/03	0.002	<0.001	<0.001	0.035	<0.001
MW - 13	12/01/03	<0.001	<0.001	<0.001	0.018	<0.001
MW - 13	02/05/04	0.002	<0.001	0.001	0.053	<0.001
MW - 13	05/05/04	<0.001	<0.001	0.001	0.002	<0.001
MW - 13	09/01/04	<0.001	<0.001	0.002	0.016	<0.001
MW - 13	12/15/04	<0.001	<0.001	<0.001	0.002	
MW - 13	03/22/05	<0.001	<0.001	<0.001	<0.001	
MW - 13	06/22/05	<0.001	<0.001	<0.001	0.005	
MW - 13	09/21/05	<0.001	<0.001	<0.001	0.003	
MW - 13	12/16/05	<0.001	<0.001	<0.001	0.0074	

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 13	03/20/06	0.001	<0.001	0.001	0.0106	
MW - 13	06/21/06	0.008	<0.001	0.003	0.0064	
MW - 13	09/27/06	0.103	<0.001	0.011	0.0115	
MW - 13	12/04/06	0.293	<0.001	0.011	0.0094	
MW - 13	03/14/07	0.530	<0.005	0.029	0.0161	
MW - 13	05/29/07	0.496	<0.005	<0.005	<0.005	
MW - 13	08/30/07	0.609	<0.005	0.0201	<0.005	
MW - 13	11/12/07	0.350	<0.005	<0.005	<0.005	
MW - 13	03/07/08	0.0279	<0.005	<0.005	<0.005	
MW - 13	06/02/08	0.662	<0.001	0.0173	<0.010	
MW - 13	09/03/08	0.974	<0.005	0.0143	0.0206	
MW - 13	12/08/08	1.200	<0.005	<0.005	<0.005	
MW - 13	02/19/09	0.548	<0.005	<0.005	0.0151	
MW - 13	05/20/09	0.667	<0.005	0.072	0.1920	
MW - 13	08/12/09	1.470	<0.005	0.047	0.1630	
MW - 13	11/25/09	1.420	<0.005	<0.005	<0.005	
MW - 13	02/11/10	1.920	<0.005	<0.005	<0.005	
MW - 13	05/17/10	0.666	<0.005	<0.005	<0.005	
MW - 13	08/16/10	1.810	<0.0200	0.0367	<0.0200	
MW - 13	11/10/10	2.040	<0.0200	<0.0200	<0.0200	
MW - 13	02/28/11	2.160	<0.005	0.0426	<0.005	
MW - 13	05/12/11	3.130	<0.0200	0.2550	<0.0200	
MW - 13	08/15/11	0.738	<0.0200	<0.0200	<0.0200	
MW - 13	11/22/11	0.810	<0.0200	0.0714	<0.0200	
MW - 13	02/28/12	0.347	0.140	0.1750	0.4490	
MW - 13	05/17/12	0.0059	<0.001	<0.001	<0.001	
MW - 13	08/01/12	<0.001	<0.001	<0.001	<0.001	
MW - 13	11/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/11/13	<0.001	<0.001	<0.001	<0.001	
MW - 13	05/06/13	<0.001	<0.001	<0.001	<0.001	
MW - 13	08/06/13	<0.001	<0.001	<0.001	<0.001	
MW - 13	11/19/13	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/04/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 13	05/28/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 13	08/23/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	11/18/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	02/19/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	05/12/15	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 13	08/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	11/23/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	02/24/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	06/13/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	08/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	11/28/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 13	02/21/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 13	05/24/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 13	08/11/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 13	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 13	02/26/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 13	05/07/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 13	08/09/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 13	11/14/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 13	02/18/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	05/14/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	08/19/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	11/11/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	02/18/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	06/11/20	<0.000500	<0.00100	<0.00100	<0.00200	
MW - 13	09/23/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	12/04/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	03/23/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	06/04/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	09/30/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	12/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	03/02/00	0.141	0.032	0.056	0.038	0.008
MW - 14	04/25/00	0.368	0.045	0.106	0.061	0.017
MW - 14	09/06/00	0.609	0.015	0.124	0.024	0.020
MW - 14	11/28/00	0.691	0.022	0.107	0.038	0.034
MW - 14	02/21/01	0.921	0.061	0.194	0.114	0.088
MW - 14	05/31/01	1.030	0.223	0.172	0.339	
MW - 14	08/23/01	1.780	0.865	0.315	0.491	0.235
MW - 14	11/21/01	0.623	0.301	0.131	0.162	0.068
MW - 14	02/13/02	0.572	0.414	0.142	0.213	0.093
MW - 14	06/12/02	0.718	0.470	0.144	0.187	0.087
MW - 14	08/26/02	0.606	0.355	0.147	0.188	0.089

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 14	11/21/02	0.850	0.666	0.178	0.350	0.175
MW - 14	02/06/03	1.100	0.651	0.256	0.450	0.243
MW - 14	05/07/03	1.880	1.180	0.463	0.839	0.470
MW - 14	08/18/03	0.833	0.242	0.235	0.366	0.213
MW - 14	12/01/03	0.791	0.319	0.211	0.397	0.191
MW - 14	02/05/04	0.763	0.819	0.226	0.492	0.218
MW - 14	05/05/04	0.811	0.234	0.233	0.580	0.275
MW - 14	12/15/04	0.071	0.019	0.021	0.078	
MW - 14	03/22/05	0.274	0.017	0.049	0.313	
MW - 14	06/22/05	0.543	0.283	0.379	1.130	
MW - 14	09/21/05	0.413	0.159	0.318	0.996	
MW - 14	12/16/05	0.361	0.279	0.291	0.956	
MW - 14	03/20/06	0.405	0.300	0.321	1.040	
MW - 14	06/21/06	0.414	0.352	0.322	1.060	
MW - 14	09/27/06	0.063	0.096	0.075	0.222	
MW - 14	12/04/06	0.249	0.157	0.263	0.954	
MW - 14	03/14/07	0.194	0.292	0.220	0.751	
MW - 14	05/29/07	0.212	0.097	0.251	0.807	
MW - 14	08/30/07	0.129	0.0891	0.211	0.671	
MW - 14	11/12/07	0.092	0.0249	0.196	0.634	
MW - 14	03/07/08	0.0338	<0.001	0.0609	0.464	
MW - 14	06/02/08	0.0920	0.0310	0.1470	0.480	
MW - 14	09/03/08	0.0933	0.0025	0.2080	0.787	
MW - 14	12/08/08	0.0264	<0.001	0.0908	0.399	
MW - 14	02/19/09	Not Sampled				
MW - 14	05/20/09	0.0456	0.0053	0.1500	0.580	
MW - 14	08/12/09	0.0439	<0.001	0.1570	0.669	
MW - 14	11/25/09	0.0181	<0.001	0.0102	0.167	
MW - 14	05/17/10	0.0107	<0.001	0.0681	0.248	
MW - 14	08/16/10	<0.001	0.0024	0.0372	0.134	
MW - 14	11/10/10	0.0057	<0.001	0.0127	0.0494	
MW - 14	02/28/11	Not Sampled				
MW - 14	05/12/11	0.0116	<0.001	0.0575	0.1050	
MW - 14	08/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 14	11/22/11	0.0026	<0.001	0.0166	0.0318	
MW - 14	02/28/12	<0.001	<0.001	0.0242	0.0670	
MW - 14	05/17/12	<0.001	<0.001	<0.001	0.0017	
MW - 14	08/01/12	<0.001	<0.001	<0.001	<0.001	

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION		SAMPLE DATE	EPA SW 846-8021B, 5030			
			BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 14	11/29/12	<0.001	<0.001	0.0035	0.0088	
MW - 14	02/11/13	<0.001	<0.001	0.0173	0.0444	
MW - 14	05/06/13	<0.001	<0.001	0.00740	0.0204	
MW - 14	08/06/13	<0.001	<0.001	0.0169	0.0473	
MW - 14	11/19/13	0.0019	<0.001	<0.001	<0.00300	
MW - 14	02/04/14	0.00130	<0.00100	0.00160	0.0219	
MW - 14	05/28/14	<0.00100	<0.00100	<0.00100	0.0158	
MW - 14	08/23/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 14	11/18/14	<0.00100	<0.00100	<0.00100	0.0412	
MW - 14	02/19/15	<0.00100	<0.00100	0.00390	0.0254	
MW - 14	05/12/15	0.00210	<0.00100	0.00850	0.0445	
MW - 14	08/18/15	<0.00100	<0.00100	<0.00100	0.0126	
MW - 14	11/23/15	<0.00100	<0.00100	0.00190	0.0183	
MW - 14	02/24/16	<0.00100	<0.00100	<0.00100	0.00370	
MW - 14	06/13/16	<0.00100	<0.00100	0.00190	0.0183	
MW - 14	08/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 14	11/28/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 14	02/21/17	<0.00200	<0.00200	0.00421	0.00435	
MW - 14	05/24/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 14	08/11/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 14	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 14	02/26/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 14	05/07/18	<0.00200	<0.00200	<0.00200	0.00577	
MW - 14	08/09/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 14	11/14/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 14	02/18/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	05/14/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	08/19/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	11/11/19	<0.00100	<0.00100	0.00111	0.00665	
MW - 14	02/18/20	<0.00100	<0.00100	<0.00100	0.00398	
MW - 14	06/11/20	0.00194	0.00180	0.00198	0.00523	
MW - 14	09/23/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	12/04/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	03/23/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	06/04/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	09/30/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	12/09/21	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 15	03/02/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	04/25/00	0.649	<0.001	<0.001	0.018	0.019
MW - 15	09/06/00	0.010	<0.001	0.003	0.024	<0.001
MW - 15	11/28/00	1.380	<0.010	<0.010	0.031	<0.010
MW - 15	02/21/01	2.870	<0.010	0.011	0.058	<0.010
MW - 15	05/31/01	3.830	<0.001	0.049	0.101	
MW - 15	08/23/01	4.600	0.001	0.077	0.075	0.009
MW - 15	11/21/01	4.000	0.012	0.117	0.084	0.039
MW - 15	02/13/02	2.910	0.020	0.128	0.063	0.060
MW - 15	06/12/02	5.430	0.004	0.216	0.032	0.057
MW - 15	08/26/02	4.590	0.002	0.183	0.230	0.300
MW - 15	11/21/02	8.130	0.002	0.384	0.009	<0.001
MW - 15	02/06/03	2.070	<0.001	0.041	0.010	<0.001
MW - 15	05/07/03	1.890	<0.001	0.006	<0.001	<0.001
MW - 15	08/18/03	1.910	0.001	0.122	0.006	<0.001
MW - 15	12/01/03	1.190	<0.001	0.057	0.006	<0.001
MW - 15	02/05/04	3.680	0.016	0.191	0.043	0.016
MW - 15	05/05/04	1.700	0.026	0.085	0.030	0.027
MW - 15	12/15/04	0.545	<0.0200	<0.0200	<0.0200	
MW - 15	03/22/05	2.380	0.057	0.163	0.140	
MW - 15	06/22/05	7.790	0.125	0.427	0.528	
MW - 15	09/21/05	4.470	<0.1	0.241	0.303	
MW - 15	12/16/05	5.650	0.103	0.273	0.275	
MW - 15	03/20/06	4.720	<0.2	0.217	0.337	
MW - 15	06/21/06	3.060	<0.2	<0.2	<0.2	
MW - 15	09/27/06	0.806	<0.02	0.031	0.065	
MW - 15	12/04/06	2.950	<0.02	0.224	0.346	
MW - 15	03/14/07	1.82	<0.05	0.144	0.138	
MW - 15	05/29/07	3.73	<0.2	<0.2	<0.2	
MW - 15	08/30/07	2.330	<0.002	0.184	0.175	
MW - 15	11/12/07	4.370	<0.05	0.487	0.621	
MW - 15	03/07/08	0.556	<0.05	<0.05	0.135	
MW - 15	06/02/08	1.880	<0.010	0.164	0.210	
MW - 15	09/03/08	4.310	<0.0200	0.348	0.387	
MW - 15	12/08/08	2.870	<0.0200	0.230	0.181	
MW - 15	02/19/09	0.673	<0.005	0.0472	0.0094	
MW - 15	05/20/09	2.050	<0.005	0.2190	0.1430	
MW - 15	08/12/09	0.510	<0.005	0.0523	0.0653	

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 15	11/25/09	1.390	<0.005	0.0820	0.0206	
MW - 15	02/11/10	1.640	<0.005	0.1410	0.0821	
MW - 15	05/21/10	0.787	<0.005	0.0366	0.0447	
MW - 15	08/16/10	0.819	<0.0100	0.0350	0.0217	
MW - 15	11/10/10	0.0785	<0.0100	<0.0100	<0.0100	
MW - 15	02/28/11	0.500	<0.0200	<0.0200	<0.0200	
MW - 15	05/12/11	4.210	<0.0200	0.3500	0.4040	
MW - 15	08/15/11	1.050	<0.0200	<0.0200	<0.0200	
MW - 15	11/22/11	1.490	<0.0200	0.0731	0.0676	
MW - 15	02/28/12	0.303	<0.0200	0.1470	0.4200	
MW - 15	05/17/12	<0.001	<0.001	<0.001	<0.001	
MW - 15	08/01/12	<0.001	<0.001	<0.001	<0.001	
MW - 15	11/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/11/13	<0.001	<0.001	<0.001	<0.001	
MW - 15	05/06/13	<0.001	<0.001	<0.001	<0.001	
MW - 15	08/06/13	<0.001	<0.001	<0.001	<0.001	
MW - 15	11/19/13	0.0194	<0.001	0.0031	<0.001	
MW - 15	12/08/13	<0.00100	<0.001	0.00710	<0.00300	
MW - 15	02/04/14	<0.00100	<0.00100	0.00150	<0.00300	
MW - 15	05/28/14	0.394	<0.00100	0.0130	<0.00300	
MW - 15	08/23/14	0.0254	<0.00100	<0.00100	<0.00100	
MW - 15	11/18/14	0.366	<0.00100	0.0249	<0.00100	
MW - 15	02/19/15	0.164	<0.00100	0.0104	<0.00100	
MW - 15	05/12/15	<0.00100	<0.00100	<0.00100	0.00440	
MW - 15	08/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	11/23/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	02/24/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	06/13/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	08/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	11/28/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 15	02/21/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 15	05/24/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 15	08/11/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 15	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 15	02/26/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 15	05/07/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 15	08/09/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 15	11/14/18	<0.00100	<0.0100	<0.00500	<0.0200	

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 15	02/18/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	05/14/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	08/19/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	11/11/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	02/18/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	06/11/20	<0.000500	<0.00100	<0.00100	<0.00200	
MW - 15	09/23/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	12/04/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	03/23/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	06/04/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	09/30/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	12/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 16	01/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 16	05/07/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 16	08/18/03	0.008	0.003	<0.001	0.002	<0.001
MW - 16	12/01/03	0.014	0.005	0.003	0.005	0.003
MW - 16	02/05/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 16	05/05/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 16	12/15/04	<0.001	<0.001	<0.001	<0.001	
MW - 16	03/22/05	<0.001	<0.001	<0.001	<0.001	
MW - 16	06/22/05	<0.001	<0.001	<0.001	<0.001	
MW - 16	09/21/05	<0.005	<0.005	<0.005	<0.005	
MW - 16	12/16/05	<0.005	<0.005	<0.005	<0.005	
MW - 16	03/20/06	<0.005	<0.005	<0.005	<0.005	
MW - 16	06/21/06	<0.001	<0.001	<0.001	<0.001	
MW - 16	09/27/06	Not Sampled on Current Sample Schedule				
MW - 16	12/04/06	<0.001	<0.001	<0.001	<0.001	
MW - 16	03/14/07	Not Sampled on Current Sample Schedule				
MW - 16	05/29/07	<0.001	<0.001	<0.001	<0.001	
MW - 16	08/30/07	Not Sampled on Current Sample Schedule				
MW - 16	11/12/07	<0.001	<0.001	<0.001	<0.001	
MW - 16	03/07/08	Not Sampled on Current Sample Schedule				
MW - 16	06/02/08	Not Sampled on Current Sample Schedule				
MW - 16	09/03/08	<0.001	<0.001	<0.001	<0.001	
MW - 16	12/08/08	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/19/09	Not Sampled on Current Sample Schedule				
MW - 16	05/20/09	<0.001	<0.001	<0.001	<0.001	

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 16	08/12/09	Not Sampled on Current Sample Schedule				
MW - 16	11/25/09	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/11/10	Not Sampled on Current Sample Schedule				
MW - 16	05/21/10	<0.001	<0.001	<0.001	<0.001	
MW - 16	08/16/10	Not Sampled on Current Sample Schedule				
MW - 16	11/10/10	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/28/11	Not Sampled on Current Sample Schedule				
MW - 16	05/12/11	<0.001	<0.001	<0.001	<0.001	
MW - 16	08/15/11	Not Sampled on Current Sample Schedule				
MW - 16	11/22/11	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/28/12	Not Sampled on Current Sample Schedule				
MW - 16	05/17/12	<0.001	<0.001	<0.001	<0.001	
MW - 16	08/01/12	Not Sampled on Current Sample Schedule				
MW - 16	11/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/11/13	Not Sampled on Current Sample Schedule				
MW - 16	05/06/13	<0.001	<0.001	<0.001	<0.001	
MW - 16	08/06/13	Not Sampled on Current Sample Schedule				
MW - 16	11/19/13	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/04/14	Not Sampled on Current Sample Schedule				
MW - 16	05/28/14	Not Sampled on Current Sample Schedule				
MW - 16	08/23/14	Not Sampled on Current Sample Schedule				
MW - 16	11/18/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	02/19/15	Not Sampled on Current Sample Schedule				
MW - 16	05/12/15	Not Sampled on Current Sample Schedule				
MW - 16	08/18/15	Not Sampled on Current Sample Schedule				
MW - 16	11/23/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	02/24/16	Not Sampled on Current Sample Schedule				
MW - 16	06/13/16	Not Sampled on Current Sample Schedule				
MW - 16	08/03/16	Not Sampled on Current Sample Schedule				
MW - 16	11/28/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 16	02/21/17	Not Sampled on Current Sample Schedule				
MW - 16	05/24/17	Not Sampled on Current Sample Schedule				
MW - 16	08/11/17	Not Sampled on Current Sample Schedule				
MW - 16	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 16	02/26/18	Not Sampled on Current Sample Schedule				
MW - 16	05/07/18	Not Sampled on Current Sample Schedule				
MW - 16	08/09/18	Not Sampled on Current Sample Schedule				
MW - 16	11/14/18	<0.00100	<0.0100	<0.00500	<0.0200	

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 16	02/18/19	Not Sampled on Current Sample Schedule				
MW - 16	05/14/19	Not Sampled on Current Sample Schedule				
MW - 16	08/19/19	Not Sampled on Current Sample Schedule				
MW - 16	11/11/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 16	02/18/20	Not Sampled on Current Sample Schedule				
MW - 16	06/11/20	Not Sampled on Current Sample Schedule				
MW - 16	09/23/20	Not Sampled on Current Sample Schedule				
MW - 16	12/24/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 16	03/23/21	Not Sampled on Current Sample Schedule				
MW - 16	06/04/21	Not Sampled on Current Sample Schedule				
MW - 16	09/30/21	Not Sampled on Current Sample Schedule				
MW - 16	12/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	01/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 17	05/07/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 17	08/18/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 17	12/01/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 17	02/05/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 17	05/05/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 17	09/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 17	12/15/04	<0.001	<0.001	<0.001	<0.001	
MW - 17	03/22/05	<0.001	<0.001	<0.001	<0.001	
MW - 17	06/22/05	<0.001	<0.001	<0.001	<0.001	
MW - 17	09/21/05	<0.001	<0.001	<0.001	<0.001	
MW - 17	12/16/05	<0.001	<0.001	<0.001	<0.001	
MW - 17	03/20/06	<0.001	<0.001	<0.001	<0.001	
MW - 17	06/21/06	Not Sampled				
MW - 17	08/09/06	Plugged and Abandoned				
MW - 18	08/12/09	<0.001	<0.001	<0.001	<0.001	
MW - 18	11/25/09	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 18	05/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 18	08/16/10	<0.001	<0.001	<0.001	<0.001	
MW - 18	11/10/10	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/28/11	<0.001	<0.001	<0.001	<0.001	
MW - 18	05/12/11	<0.001	<0.001	<0.001	<0.001	
MW - 18	08/15/11	<0.001	<0.001	<0.001	<0.001	

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 18	11/22/11	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/28/12	<0.001	<0.001	<0.001	<0.001	
MW - 18	05/17/12	<0.001	<0.001	<0.001	<0.001	
MW - 18	08/01/12	<0.001	<0.001	<0.001	<0.001	
MW - 18	11/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/11/13	<0.001	<0.001	<0.001	<0.001	
MW - 18	05/06/13	<0.001	<0.001	<0.001	<0.001	
MW - 18	08/06/13	<0.001	<0.001	<0.001	<0.001	
MW - 18	11/19/13	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/04/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 18	05/28/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 18	08/23/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	11/18/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	02/19/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	05/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	08/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	11/23/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	02/24/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	06/13/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	08/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	11/28/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 18	02/21/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 18	05/24/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 18	08/11/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 18	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 18	02/26/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 18	05/07/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 18	08/09/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 18	11/14/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 18	02/18/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	05/14/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	08/19/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	11/11/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	02/18/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	06/11/20	<0.000500	<0.00100	<0.00100	<0.00200	
MW - 18	09/23/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	12/04/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	03/23/21	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p -XYLENES	o -XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 18	06/04/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	09/30/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	12/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 1	03/22/05	Not Sampled Due to PSH in Well				
RW - 1	06/22/05	Not Sampled Due to PSH in Well				
RW - 1	09/21/05	Not Sampled Due to PSH in Well				
RW - 1	12/16/05	Not Sampled Due to PSH in Well				
RW - 1	03/20/06	Not Sampled Due to PSH in Well				
RW - 1	06/21/06	Not Sampled Due to PSH in Well				
RW - 1	09/27/06	Not Sampled Due to PSH in Well				
RW - 1	12/04/06	Not Sampled Due to PSH in Well				
RW - 1	03/14/07	Not Sampled Due to PSH in Well				
RW - 1	05/29/07	Not Sampled Due to PSH in Well				
RW - 1	08/30/07	Not Sampled Due to PSH in Well				
RW - 1	11/12/07	Not Sampled Due to PSH in Well				
RW - 1	03/07/08	Not Sampled Due to PSH in Well				
RW - 1	06/02/08	Not Sampled Due to PSH in Well				
RW - 1	09/03/08	Not Sampled Due to PSH in Well				
RW - 1	12/10/08	10.10	2.440	0.792	1.500	
RW - 1	02/19/09	Not Sampled Due to PSH in Well				
RW - 1	05/20/09	Not Sampled Due to PSH in Well				
RW - 1	08/12/09	Not Sampled Due to PSH in Well				
RW - 1	11/25/09	11.10	5.480	0.946	2.270	
RW - 1	02/11/10	Not Sampled Due to PSH in Well				
RW - 1	05/17/10	Not Sampled Due to PSH in Well				
RW - 1	08/16/10	Not Sampled Due to PSH in Well				
RW - 1	11/10/10	Not Sampled Due to PSH in Well				
RW - 1	02/28/11	Not Sampled Due to PSH in Well				
RW - 1	05/12/11	Not Sampled Due to PSH in Well				
RW - 1	08/15/11	Not Sampled Due to PSH in Well				
RW - 1	11/22/11	Not Sampled Due to PSH in Well				
RW - 1	02/28/12	Not Sampled Due to PSH in Well				
RW - 1	05/17/12	Not Sampled Due to PSH in Well				
RW - 1	08/01/12	Not Sampled Due to PSH in Well				
RW - 1	11/29/12	Not Sampled Due to PSH in Well				
RW - 1	02/11/13	Not Sampled Due to PSH in Well				
RW - 1	05/06/13	Not Sampled Due to PSH in Well				

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
RW - 1	08/06/13	Not Sampled Due to PSH in Well				
RW - 1	11/18/13	Not Sampled Due to PSH in Well				
RW - 1	02/04/14	Not Sampled Due to PSH in Well				
RW - 1	05/28/14	Not Sampled Due to PSH in Well				
RW - 1	08/23/14	2.62	0.746	0.384	0.797	
RW - 1	11/18/14	Not Sampled Due to PSH in Well				
RW - 1	02/19/15	Not Sampled Due to PSH in Well				
RW - 1	05/12/15	Not Sampled Due to PSH in Well				
RW - 1	08/18/15	Not Sampled Due to PSH in Well				
RW - 1	11/23/15	Not Sampled Due to PSH in Well				
RW - 1	02/24/16	Not Sampled Due to PSH in Well				
RW - 1	06/13/16	Not Sampled Due to PSH in Well				
RW - 1	08/03/16	Not Sampled Due to PSH in Well				
RW - 1	11/28/16	Not Sampled Due to PSH in Well				
RW - 1	02/21/17	Not Sampled Due to PSH in Well				
RW - 1	05/24/17	Not Sampled Due to PSH in Well				
RW - 1	08/11/17	Not Sampled Due to PSH in Well				
RW - 1	11/28/17	Not Sampled Due to PSH in Well				
RW - 1	02/26/18	Not Sampled Due to PSH in Well				
RW - 1	05/07/18	Not Sampled Due to PSH in Well				
RW - 1	08/09/18	Not Sampled Due to PSH in Well				
RW - 1	11/14/18	Not Sampled Due to PSH in Well				
RW - 1	02/18/19	Not Sampled Due to PSH in Well				
RW - 1	05/14/19	Not Sampled Due to PSH in Well				
RW - 1	08/19/19	Not Sampled Due to PSH in Well				
RW - 1	11/11/19	Not Sampled Due to PSH in Well				
RW - 1	02/18/20	Not Sampled Due to PSH in Well				
RW - 1	06/11/20	Not Sampled Due to PSH in Well				
RW - 1	09/23/20	Not Sampled Due to PSH in Well				
RW - 1	12/04/20	Not Sampled Due to PSH in Well				
RW - 1	03/23/21	Not Sampled Due to PSH in Well				
RW - 1	06/04/21	Not Sampled Due to PSH in Well				
RW - 1	09/30/21	Not Sampled Due to PSH in Well				
RW - 1	12/09/21	6.25	0.306	0.598	1.536	
RW - 2	08/16/10	Not Sampled Due to PSH in Well				
RW - 2	11/10/10	Not Sampled Due to PSH in Well				
RW - 2	02/28/11	Not Sampled Due to PSH in Well				

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p -XYLENES	o -XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
RW - 2	05/12/11	Not Sampled Due to PSH in Well				
RW - 2	08/15/11	Not Sampled Due to PSH in Well				
RW - 2	11/22/11	Not Sampled Due to PSH in Well				
RW - 2	02/28/12	Not Sampled Due to PSH in Well				
RW - 2	05/17/12	Not Sampled Due to PSH in Well				
RW - 2	08/01/12	Not Sampled Due to PSH in Well				
RW - 2	11/29/12	Not Sampled Due to PSH in Well				
RW - 2	02/11/13	Not Sampled Due to PSH in Well				
RW - 2	05/06/13	Not Sampled Due to PSH in Well				
RW - 2	08/06/13	Not Sampled Due to PSH in Well				
RW - 2	11/18/13	Not Sampled Due to PSH in Well				
RW - 2	02/04/14	Not Sampled Due to PSH in Well				
RW - 2	05/28/14	Not Sampled Due to PSH in Well				
RW - 2	08/23/14	Not Sampled Due to PSH in Well				
RW - 2	11/18/14	Not Sampled Due to PSH in Well				
RW - 2	02/19/15	Not Sampled Due to PSH in Well				
RW - 2	05/12/15	Not Sampled Due to PSH in Well				
RW - 2	08/18/15	Not Sampled Due to PSH in Well				
RW - 2	11/23/15	Not Sampled Due to PSH in Well				
RW - 2	02/24/16	Not Sampled Due to PSH in Well				
RW - 2	06/13/16	Not Sampled Due to PSH in Well				
RW - 2	08/03/16	Not Sampled Due to PSH in Well				
RW - 2	11/28/16	Not Sampled Due to PSH in Well				
RW - 2	02/21/17	Not Sampled Due to PSH in Well				
RW - 2	05/24/17	Not Sampled Due to PSH in Well				
RW - 2	08/11/17	Not Sampled Due to PSH in Well				
RW - 2	11/28/17	Not Sampled Due to PSH in Well				
RW - 2	02/26/18	Not Sampled Due to PSH in Well				
RW - 2	05/07/18	Not Sampled Due to PSH in Well				
RW - 2	08/09/18	Not Sampled Due to PSH in Well				
RW - 2	11/14/18	Not Sampled Due to PSH in Well				
RW - 2	02/18/19	Not Sampled Due to PSH in Well				
RW - 2	05/14/19	Not Sampled Due to PSH in Well				
RW - 2	08/19/19	Not Sampled Due to PSH in Well				
RW - 2	11/11/19	Not Sampled Due to PSH in Well				
RW - 2	02/18/20	Not Sampled Due to PSH in Well				
RW - 2	06/11/20	Not Sampled Due to PSH in Well				
RW - 2	09/23/20	Not Sampled Due to PSH in Well				

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
RW - 2	12/04/20	Not Sampled Due to PSH in Well				
RW - 2	03/23/21	Not Sampled Due to PSH in Well				
RW - 2	06/04/21	Not Sampled Due to PSH in Well				
RW - 2	09/30/21	Not Sampled Due to PSH in Well				
RW - 2	12/09/21	3.43	0.00346	0.215	0.261	
RW - 3	08/16/10	Not Sampled Due to PSH in Well				
RW - 3	11/10/10	Not Sampled Due to PSH in Well				
RW - 3	02/28/11	Not Sampled Due to PSH in Well				
RW - 3	05/12/11	Not Sampled Due to PSH in Well				
RW - 3	08/15/11	Not Sampled Due to PSH in Well				
RW - 3	11/22/11	Not Sampled Due to PSH in Well				
RW - 3	02/28/12	Not Sampled Due to PSH in Well				
RW - 3	05/17/12	Not Sampled Due to PSH in Well				
RW - 3	08/01/12	Not Sampled Due to PSH in Well				
RW - 3	11/29/12	Not Sampled Due to PSH in Well				
RW - 3	02/11/13	Not Sampled Due to PSH in Well				
RW - 3	05/06/13	Not Sampled Due to PSH in Well				
RW - 3	08/06/13	Not Sampled Due to PSH in Well				
RW - 3	11/18/13	Not Sampled Due to PSH in Well				
RW - 3	02/04/14	Not Sampled Due to PSH in Well				
RW - 3	05/28/14	Not Sampled Due to PSH in Well				
RW - 3	08/23/14	Not Sampled Due to PSH in Well				
RW - 3	11/18/14	Not Sampled Due to PSH in Well				
RW - 3	02/19/15	Not Sampled Due to PSH in Well				
RW - 3	05/12/15	Not Sampled Due to PSH in Well				
RW - 3	08/18/15	Not Sampled Due to PSH in Well				
RW - 3	11/23/15	Not Sampled Due to PSH in Well				
RW - 3	02/24/16	Not Sampled Due to PSH in Well				
RW - 3	06/13/16	Not Sampled Due to PSH in Well				
RW - 3	08/03/16	Not Sampled Due to PSH in Well				
RW - 3	11/28/16	Not Sampled Due to PSH in Well				
RW - 3	02/21/17	Not Sampled Due to PSH in Well				
RW - 3	05/24/17	Not Sampled Due to PSH in Well				
RW - 3	08/11/17	Not Sampled Due to PSH in Well				
RW - 3	11/28/17	Not Sampled Due to PSH in Well				
RW - 3	02/26/18	Not Sampled Due to PSH in Well				
RW - 3	05/07/18	Not Sampled Due to PSH in Well				

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
RW - 3	08/09/18	Not Sampled Due to PSH in Well				
RW - 3	11/14/18	Not Sampled Due to PSH in Well				
RW - 3	02/18/19	Not Sampled Due to PSH in Well				
RW - 3	05/14/19	Not Sampled Due to PSH in Well				
RW - 3	08/19/19	Not Sampled Due to PSH in Well				
RW - 3	11/11/19	Not Sampled Due to PSH in Well				
RW - 3	02/18/20	Not Sampled Due to PSH in Well				
RW - 3	06/11/20	Not Sampled Due to PSH in Well				
RW - 3	09/23/20	Not Sampled Due to PSH in Well				
RW - 3	12/04/20	Not Sampled Due to PSH in Well				
RW - 3	03/23/21	Not Sampled Due to PSH in Well				
RW - 3	06/04/21	Not Sampled Due to PSH in Well				
RW - 3	09/30/21	Not Sampled Due to PSH in Well				
RW - 3	12/09/21	18.8	0.0236	2.17	5.007	
RW - 4	08/16/10	Not Sampled Due to PSH in Well				
RW - 4	11/10/10	Not Sampled Due to PSH in Well				
RW - 4	02/28/11	Not Sampled Due to PSH in Well				
RW - 4	05/12/11	Not Sampled Due to PSH in Well				
RW - 4	08/15/11	Not Sampled Due to PSH in Well				
RW - 4	11/22/11	Not Sampled Due to PSH in Well				
RW - 4	02/28/12	Not Sampled Due to PSH in Well				
RW - 4	05/17/12	Not Sampled Due to PSH in Well				
RW - 4	08/01/12	Not Sampled Due to PSH in Well				
RW - 4	11/29/12	Not Sampled Due to PSH in Well				
RW - 4	02/11/13	Not Sampled Due to PSH in Well				
RW - 4	05/06/13	Not Sampled Due to PSH in Well				
RW - 4	08/06/13	Not Sampled Due to PSH in Well				
RW - 4	11/18/13	Not Sampled Due to PSH in Well				
RW - 4	02/04/14	Not Sampled Due to PSH in Well				
RW - 4	05/28/14	Not Sampled Due to PSH in Well				
RW - 4	08/23/14	3.37	2.35	0.735	1.60	
RW - 4	11/18/14	Not Sampled Due to PSH in Well				
RW - 4	02/19/15	Not Sampled Due to PSH in Well				
RW - 4	05/12/15	Not Sampled Due to PSH in Well				
RW - 4	08/18/15	Not Sampled Due to PSH in Well				
RW - 4	11/23/15	Not Sampled Due to PSH in Well				
RW - 4	02/24/16	Not Sampled Due to PSH in Well				

TABLE 8

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
RW - 4	06/13/16	Not Sampled Due to PSH in Well				
RW - 4	08/03/16	Not Sampled Due to PSH in Well				
RW - 4	11/28/16	Not Sampled Due to PSH in Well				
RW - 4	02/21/17	Not Sampled Due to PSH in Well				
RW - 4	05/24/17	Not Sampled Due to PSH in Well				
RW - 4	08/11/17	Not Sampled Due to PSH in Well				
RW - 4	11/28/17	Not Sampled Due to PSH in Well				
RW - 4	02/26/18	Not Sampled Due to PSH in Well				
RW - 4	05/07/18	Not Sampled Due to PSH in Well				
RW - 4	08/09/18	Not Sampled Due to PSH in Well				
RW - 4	11/14/18	Not Sampled Due to PSH in Well				
RW - 4	02/18/19	Not Sampled Due to PSH in Well				
RW - 4	05/14/19	Not Sampled Due to PSH in Well				
RW - 4	08/19/19	Not Sampled Due to PSH in Well				
RW - 4	11/11/19	Not Sampled Due to PSH in Well				
RW - 4	02/18/20	Not Sampled Due to PSH in Well				
RW - 4	06/11/20	Not Sampled Due to PSH in Well				
RW - 4	09/23/20	Not Sampled Due to PSH in Well				
RW - 4	12/04/20	Not Sampled Due to PSH in Well				
RW - 4	03/23/21	Not Sampled Due to PSH in Well				
RW - 4	06/04/21	Not Sampled Due to PSH in Well				
RW - 4	09/30/21	Not Sampled Due to PSH in Well				
RW - 4	12/09/21	12.1	0.0204	1.35	2.554	

TABLE 9

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

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	Dibenzo[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	12/10/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0109	<0.000922	<0.000922	0.0429	<0.000922	0.0587	<0.000922	0.232	0.354	0.417	0.0377
MW-2	11/25/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0276	<0.000922	0.0378	<0.000922	0.207	0.274	0.337	0.0267
MW-2	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	12/15/11	Not Sampled due to the presence of PSH.																		
MW-2	11/29/12	Not Sampled due to the presence of PSH.																		
MW-2	11/18/13	Not Sampled due to the presence of PSH.																		
MW-2	11/18/14	Not Sampled due to the presence of PSH.																		
MW-2	11/23/15	Not Sampled due to the presence of PSH.																		
MW-2	11/28/16	Not Sampled due to the presence of PSH.																		
MW-2	11/28/17	Not Sampled due to the presence of PSH.																		
MW-2	11/14/18	Not Sampled due to the presence of PSH.																		
MW-2	11/11/19	Not Sampled due to the presence of PSH.																		
MW-2	12/04/20	Not Sampled due to the presence of PSH.																		
MW-2	12/09/21	0.0024	0.00030	0.00020	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00026	0.0024	<0.00010	0.0043	<0.00010	0.029		0.0035	
MW-3	12/10/08	<0.000184	0.00934	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00578	<0.000184	<0.000184	0.024	<0.000184	0.0368	<0.000184	0.192	0.348	0.409	0.0228
MW-3	11/25/09	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	0.788	<0.0370	1.06	<0.0370	3.87	7.02	8.74	0.626
MW-3	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	12/15/11	Not Sampled due to the presence of PSH.																		
MW-3	11/29/12	Not Sampled due to the presence of PSH.																		
MW-3	11/18/13	Not Sampled due to the presence of PSH.																		
MW-3	11/18/14	Not Sampled due to the presence of PSH.																		
MW-3	11/23/15	Not Sampled due to the presence of PSH.																		
MW-3	11/28/16	Not Sampled due to the presence of PSH.																		
MW-3	11/28/17	Not Sampled due to the presence of PSH.																		
MW-3	11/14/18	Not Sampled due to the presence of PSH.																		
MW-3	11/11/19	Not Sampled due to the presence of PSH.																		
MW-3	12/04/20	Not Sampled due to the presence of PSH.																		
MW-3	12/09/21	0.00088	0.00014	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0018	<0.00010	0.0018	<0.00010	0.0411		0.0022	

TABLE 9

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

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	12/10/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0039	<0.000184	0.00376	<0.000184	0.0668	0.0435	0.0423	0.00414
MW-4	11/25/09	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0143	<0.000917	0.0181	<0.000917	0.103	0.118	0.089	0.0123
MW-4	11/10/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00338	<0.000184	0.00404	<0.000184	0.0279	0.035	0.0188	0.00247
MW-4	12/15/11	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	0.00322	<0.000187	0.00423	<0.000187	0.0469	0.0371	0.0317	0.00409
MW-4	11/29/12	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	0.00306	<0.000190	<0.000190	0.0081	<0.000190	0.0123	<0.000190	0.0274	0.0289	0.00877
MW-4	11/19/13	<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	0.0877	0.109	0.121	12.6
MW-4	11/18/14	Not Sampled due to the presence of PSH.																		
MW-4	11/23/15	Not Sampled due to the presence of PSH.																		
MW-4	11/28/16	<0.000571	<0.000571	<0.000571	<0.000571	<0.000571	<0.000571	<0.000571	<0.000571	<0.000571	<0.000571	<0.000571	<0.000571	<0.000571	<0.000571	<0.000571	<0.000571	<0.000571	<0.000571	
MW-4	11/28/17	Not Sampled due to the presence of PSH.																		
MW-4	11/14/18	Not Sampled due to the presence of PSH.																		
MW-4	11/11/19	0.011	0.010	0.025	<0.00097	<0.00097	0.0050	<0.00097	0.0024	0.059	<0.00097	0.013	0.25	<0.00097	0.36	0.015	7.6		0.23	
MW-4	12/04/20	Not Sampled due to the presence of PSH.																		
MW-4	12/09/21	0.0013	0.00015	0.00011	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00011	0.0016	<0.00010	0.0031	<0.00010	0.0187		0.0028	
MW-5	12/10/08	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	0.0424	<0.000935	0.192	0.301	0.346	0.0316
MW-5	11/25/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00909	<0.000184	0.0104	<0.000184	0.0905	0.0931	0.107	0.00848
MW-5	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	12/15/11	Not Sampled due to the presence of PSH.																		
MW-5	11/29/12	Not Sampled due to the presence of PSH.																		
MW-5	11/18/13	Not Sampled due to the presence of PSH.																		
MW-5	11/18/14	Not Sampled due to the presence of PSH.																		
MW-5	11/23/15	Not Sampled due to the presence of PSH.																		
MW-5	11/28/16	Not Sampled due to the presence of PSH.																		
MW-5	11/28/17	Not Sampled due to the presence of PSH.																		
MW-5	14/14/18	Not Sampled due to the presence of PSH.																		
MW-5	11/11/19	Not Sampled due to the presence of PSH.																		
MW-5	12/04/20	Not Sampled due to the presence of PSH.																		

TABLE 9

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOC REFERENCE NUMBER GW-0294

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-5	12/09/21	0.0011	0.00015	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0022	<0.00010	0.0020	<0.00010	0.089			0.0031
MW-6	12/10/08	<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	0.00706	<0.000184	0.0921	0.0687	0.0744	0.00635
MW-6	11/25/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0528	<0.000922	0.0648	<0.000922	0.294	0.498	0.569	0.0467
MW-6	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	12/15/11	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	0.00132	<0.000190	0.00137	<0.000190	0.0179	0.0212	0.0179	0.00158
MW-6	11/29/12	Not Sampled due to the presence of PSH.																		
MW-6	11/18/13	Not Sampled due to the presence of PSH.																		
MW-6	11/18/14	Not Sampled due to the presence of PSH.																		
MW-6	11/23/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-6	11/28/16	0.00125	0.000696	0.000640	<0.000290	0.000687	0.000477	<0.000290	0.000406	0.00204	<0.000290	0.000652	0.00371	<0.000290	0.00758	0.000628	0.0109			0.00350
MW-6	11/28/17	Not Sampled due to the presence of PSH.																		
MW-6	11/14/18	Not Sampled due to the presence of PSH.																		
MW-6	11/11/19	Not Sampled due to the presence of PSH.																		
MW-6	12/04/20	Not Sampled due to the presence of PSH.																		
MW-6	12/09/21	0.00064	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00055	<0.00011	0.00021	<0.00011	0.0020			0.00061
MW-7	12/08/08	<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	0.0002	<0.000184	<0.000184	<0.000184
MW-7	11/25/09	<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-7	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/29/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/19/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/18/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/23/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/28/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/14/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/11/19	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 9

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

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	Dibenzo[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-7	12/04/20	Not Sampled as part of Quarterly Monitoring Event.																				
MW-7	12/09/21	Not Sampled as part of Quarterly Monitoring Event.																				
MW-9	12/10/08	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	0.0134	<0.000926	0.016	<0.000926	0.102	0.122	0.138	0.0127		
MW-9	11/25/09	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0250	<0.000917	0.0315	<0.000917	0.125	0.221	0.253	0.0201		
MW-9	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																				
MW-9	12/15/11	Not Sampled due to the presence of PSH.																				
MW-9	11/29/12	Not Sampled due to the presence of PSH.																				
MW-9	11/18/13	Not Sampled due to the presence of PSH.																				
MW-9	11/18/14	Not Sampled due to the presence of PSH.																				
MW-9	11/23/15	Not Sampled due to the presence of PSH.																				
MW-9	11/28/16	Not Sampled due to the presence of PSH.																				
MW-9	11/28/17	Not Sampled due to the presence of PSH.																				
MW-9	11/14/18	Not Sampled due to the presence of PSH.																				
MW-9	11/11/19	0.013	0.0064	0.023	<0.00098	0.0015	0.0048	<0.00098	0.0038	0.054	<0.00098	0.013	0.29	<0.00098	0.49	0.014	6.2		0.26			
MW-9	12/04/20	Not Sampled due to the presence of PSH.																				
MW-9	12/09/21	0.0023	0.00033	0.00030	0.0023	<0.00010	<0.00010	<0.00010	<0.00010	0.00038	<0.00010	<0.00010	0.0051	<0.00010	0.0059	<0.00010	0.047		0.0049			
MW-10	12/08/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184			
MW-10	11/25/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183			
MW-10	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																				
MW-10	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																				
MW-10	11/29/12	Not Sampled as part of Quarterly Monitoring Event.																				
MW-10	11/18/13	Not Sampled as part of Quarterly Monitoring Event.																				
MW-10	11/18/14	Not Sampled as part of Quarterly Monitoring Event.																				
MW-10	11/23/15	Not Sampled as part of Quarterly Monitoring Event.																				
MW-10	11/28/16	Not Sampled as part of Quarterly Monitoring Event.																				
MW-10	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																				
MW-10	11/14/18	Not Sampled as part of Quarterly Monitoring Event.																				

TABLE 9

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOC REFERENCE NUMBER GW-0294

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	Dibenzo[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-10	11/11/19	Not Sampled as part of Quarterly Monitoring Event.																			
MW-10	12/04/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-10	12/09/21	Not Sampled as part of Quarterly Monitoring Event.																			
MW-11	12/08/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184		
MW-11	11/25/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183		
MW-11	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-11	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																			
MW-11	11/29/12	Not Sampled as part of Quarterly Monitoring Event.																			
MW-11	11/18/13	Not Sampled as part of Quarterly Monitoring Event.																			
MW-11	11/18/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-11	11/23/15	Not Sampled as part of Quarterly Monitoring Event.																			
MW-11	11/28/16	Not Sampled as part of Quarterly Monitoring Event.																			
MW-11	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																			
MW-11	11/14/18	Not Sampled as part of Quarterly Monitoring Event.																			
MW-11	11/11/19	Not Sampled as part of Quarterly Monitoring Event.																			
MW-11	12/04/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-11	12/09/21	Not Sampled as part of Quarterly Monitoring Event.																			
MW-12	12/08/08	<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		
MW-12	11/25/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184		
MW-12	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-12	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																			
MW-12	11/29/12	Not Sampled as part of Quarterly Monitoring Event.																			
MW-12	11/18/13	Not Sampled as part of Quarterly Monitoring Event.																			
MW-12	11/18/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-12	11/23/15	Not Sampled as part of Quarterly Monitoring Event.																			
MW-12	11/28/16	Not Sampled as part of Quarterly Monitoring Event.																			
MW-12	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																			

TABLE 9

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-04 TOWNSEND

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0294

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	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran	
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---		
MW-12	11/14/18	Not Sampled as part of Quarterly Monitoring Event.																			
MW-12	11/11/19	Not Sampled as part of Quarterly Monitoring Event.																			
MW-12	12/04/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-12	12/09/21	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	12/08/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000294	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00116	
MW-13	11/25/09	<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	0.000638	
MW-13	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	11/29/12	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	11/19/13	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	11/18/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	11/23/15	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	11/28/16	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	11/14/18	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	11/11/19	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	12/04/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	12/09/21	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	12/08/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000417	<0.000185	0.000311	<0.000185	0.00328	0.00314	0.00298	0.000355		
MW-14	11/25/09	<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	0.00605	0.00516	0.00321	<0.000184		
MW-14	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	11/29/12	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	11/19/13	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	11/18/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	11/23/15	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	11/28/16	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																			

TABLE 9

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																			
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Benzo[a,h]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---	
MW-14	11/14/18	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	11/11/19	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	12/04/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	12/09/21	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	12/08/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000558	<0.000184	0.000384	<0.000184	0.00993	0.00525	0.00386	0.000687	
MW-15	11/25/09	<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	0.00209	0.00101	<0.000184	<0.000184	
MW-15	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	11/29/12	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	11/19/13	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	11/18/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	11/23/15	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	11/28/16	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	11/14/18	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	11/11/19	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	12/04/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	12/09/21	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	12/08/08	<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	11/25/09	<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	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	11/29/12	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	11/19/13	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	11/18/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	11/23/15	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	11/28/16	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																			

TABLE 9

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

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	11/14/18	Not Sampled as part of Quarterly Monitoring Event.																				
MW-16	11/11/19	Not Sampled as part of Quarterly Monitoring Event.																				
MW-16	12/04/20	Not Sampled as part of Quarterly Monitoring Event.																				
MW-16	12/09/21	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	11/25/09	<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-18	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	12/31/11	<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	0.000262		
MW-18	11/29/12	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	11/19/13	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	11/18/14	<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-18	11/23/15	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	11/28/16	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	11/14/18	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	11/11/19	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	12/04/20	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	12/09/21	Not Sampled as part of Quarterly Monitoring Event.																				
RW-1	12/10/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0085	<0.000184	0.0104	<0.000184	0.075	0.0857	0.0912	0.00817		
RW-1	11/25/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0120	<0.000184	0.0131	<0.000184	0.0961	0.113	0.126	0.0100		
RW-1	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																				
RW-1	12/15/11	Not Sampled due to the presence of PSH.																				
RW-1	11/29/12	Not Sampled due to the presence of PSH.																				
RW-1	11/18/13	Not Sampled due to the presence of PSH.																				
RW-1	11/18/14	Not Sampled due to the presence of PSH.																				
RW-1	11/23/15	Not Sampled due to the presence of PSH.																				
RW-1	11/28/16	Not Sampled due to the presence of PSH.																				
RW-1	11/28/17	Not Sampled due to the presence of PSH.																				
RW-1	11/14/18	Not Sampled due to the presence of PSH.																				

TABLE 9

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																	
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---
RW-4	12/15/11	Not Sampled due to the presence of PSH.																	
RW-4	11/29/12	Not Sampled due to the presence of PSH.																	
RW-4	11/18/13	Not Sampled due to the presence of PSH.																	
RW-4	11/18/14	Not Sampled due to the presence of PSH.																	
RW-4	11/23/15	Not Sampled due to the presence of PSH.																	
RW-4	11/28/16	Not Sampled due to the presence of PSH.																	
RW-4	11/28/17	Not Sampled due to the presence of PSH.																	
RW-4	11/14/18	Not Sampled due to the presence of PSH.																	
RW-4	11/11/19	Not Sampled due to the presence of PSH.																	
RW-4	12/04/20	Not Sampled due to the presence of PSH.																	
RW-4	12/09/21	0.021	0.0088	0.019	0.011	<0.0010	<0.0010	<0.0010	<0.0010	0.0052	<0.0010	0.0047	0.046	<0.0010	0.14	<0.0010	2.13		0.044

TABLE 10

HISTORICAL NMWQCC METALS CONCENTRATIONS IN EFFLUENT GROUNDWATER
 PLAINS MARKETING, L.P.
 TNM 97-04 TOWNSEND
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE																	
		Total Aluminum	Total Boron	Total Cobalt	Total Copper	Total Iron	Total Manganese	Total Molybdenum	Total Nickel	Total Arsenic	Total Barium	Total Cadmium	Total Chromium	Total Mercury	Total Lead	Total Selenium	Total Silver	Total Zinc
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		5.0 mg/L	0.75 mg/L	0.05 mg/L	1.0 mg/L	1.0 mg/L	0.2 mg/L	1.0 mg/L	0.2 mg/L	0.1 mg/L	1.0 mg/L	0.01 mg/L	0.05 mg/L	0.002 mg/L	0.05 mg/L	0.05 mg/L	0.05 mg/L	10 mg/L
Post Carbon	09/02/10	0.533	0.105	<0.005	<0.005	0.119	0.197	<0.010	<0.005	<0.010	0.171	<0.005	<0.005	<0.0002	0.005	<0.020	<0.005	0.01
Post Carbon	09/10/10	<0.050	0.168	<0.005	<0.005	0.177	0.091	<0.050	<0.010	<0.010	0.243	<0.005	<0.010	<0.0002	<0.005	<0.020	<0.005	<0.005
Post Carbon	09/16/10	0.057	0.216	<0.005	0.005	0.044	0.101	<0.050	<0.010	<0.010	0.28	<0.005	<0.010	<0.0002	<0.005	<0.020	<0.005	0.01
Post Carbon	09/23/10	0.053	0.112	<0.005	<0.005	0.311	0.034	<0.050	<0.010	<0.010	0.194	<0.005	<0.010	<0.0002	<0.005	<0.020	<0.005	0.015
Post Carbon	11/17/11	<0.050	0.221	<0.005	<0.005	0.012	0.064	<0.050	<0.010	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.005
Post Carbon	12/31/12	0.304	0.086	<0.0100	<0.00500	0.053	<0.00500	<0.0500	<0.0100	<0.0100	0.245	<0.0100	<0.0100	<0.000200	<0.0100	<0.0200	<0.00500	0.014
Post Carbon*	01/31/13	0.304	0.021	<0.0100	1.09	8.13	0.021	<0.0500	0.042	<0.0100	0.103	<0.0100	<0.0100	<0.000200	0.13	<0.0200	<0.00500	0.589
Post Carbon**	01/31/13	<0.0100	0.0981	<0.00500	<0.00500	<0.200	<0.00500	<0.00500	<0.00500	0.00696	0.217	<0.00200	<0.00500	<0.000200	<0.00500	<0.00500	<0.00500	0.00659
Post Carbon	02/28/14	<0.0500	0.0270	<0.0100	<0.00500	0.415	0.104	<0.0500	<0.0100	<0.0100	0.249	<0.0100	<0.0100	<0.000200	<0.0100	<0.0200	<0.00500	<0.0100
Post Carbon	11/25/14	0.194	0.1020	<0.0100	0.109	0.994	0.053	<0.0500	<0.0100	0.0178	0.254	<0.0100	<0.0100	<0.000200	<0.0150	<0.0200	<0.00500	0.0914
Post Carbon	10/28/15	<0.0500	0.108	<0.0100	0.00500	0.203	0.0560	<0.0500	<0.0100	<0.0100	0.239	<0.00500	<0.0100	<0.000200	<0.0150	<0.0200	<0.00500	0.0140
Post Carbon	11/28/16	<0.0500	0.102	<0.0100	0.01990	0.257	0.0778	-	-	<0.0100	0.212	<0.00500	<0.00500	<0.000100	<0.0120	0.0101	<0.00400	<0.0100
Post Carbon	03/16/17	-	-	-	-	-	-	<0.0100	<0.0100	-	-	-	-	-	-	-	-	-

TABLE 10

HISTORICAL NMWQCC METALS CONCENTRATIONS IN EFFLUENT GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	Total Aluminum	Total Boron	Total Cobalt	Total Copper	Total Iron	Total Manganese	Total Molybdenum	Total Nickel	Total Arsenic	Total Barium	Total Cadmium	Total Chromium	Total Mercury	Total Lead	Total Selenium	Total Silver	Total Zinc
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		5.0 mg/L	0.75 mg/L	0.05 mg/L	1.0 mg/L	1.0 mg/L	0.2 mg/L	1.0 mg/L	0.2 mg/L	0.1 mg/L	1.0 mg/L	0.01 mg/L	0.05 mg/L	0.002 mg/L	0.05 mg/L	0.05 mg/L	0.05 mg/L	10 mg/L
Post Carbon	11/30/17	<0.200	0.233	<0.0100	<0.0200	<0.200	0.210	<0.0100	<0.0100	<0.0100	0.296	<0.00500	<0.0100	<0.000200	<0.0100	<0.0200	<0.0200	<0.0150
Post Carbon***	12/15/17	-	-	-	-	-	0.0962	-	-	-	-	-	-	-	-	-	-	-
Post Carbon****	12/15/17	-	-	-	-	-	0.0714	-	-	-	-	-	-	-	-	-	-	-
Post Carbon**	10/30/18	0.0123	1.40	0.0012	0.0155	<0.200	0.637	0.0157	0.00441	0.00972	0.727	<0.00190	<0.00400	<0.000200	0.00242	<0.00200	<0.00200	0.0411
Pre Carbon****	11/27/18	-	0.166	-	-	-	0.0877	-	-	-	-	-	-	-	-	-	-	-
Pre Carbon***	11/27/18	-	0.163	-	-	-	0.0572	-	-	-	-	-	-	-	-	-	-	-
MW-10***	11/27/18	-	0.186	-	-	-	0.0372	-	-	-	-	-	-	-	-	-	-	-
MW-14***	11/27/18	-	0.147	-	-	-	0.332	-	-	-	-	-	-	-	-	-	-	-
Frac Tank***	11/27/18	-	0.152	-	-	-	0.110	-	-	-	-	-	-	-	-	-	-	-
Blank***	11/27/18	-	0.0416	-	-	-	<0.00800	-	-	-	-	-	-	-	-	-	-	-
Post	04/22/19	-	0.234	<0.00800	0.0185	0.246	0.400	0.0411	<0.0080	<0.00800	0.159	<0.00800	<0.00800	<0.000250	0.0124	<0.00800	<0.00800	0.0175
Post (Rerun)	04/22/19	0.111	0.196	-	-	-	0.408	-	-	-	-	-	-	-	-	-	<0.00500	0.0307
Post	04/22/19	0.178	0.200	<0.00200	0.00478	0.121	0.384	0.0413	0.00271	0.00641	0.167	<0.000147	<0.00400	<0.0000263	<0.00200	<0.00200	<0.000251	<0.0300
Post-Carbon	07/09/19	-	0.145	-	-	-	0.446	-	-	-	-	-	-	-	-	-	-	-
Pre-Aeration	07/29/19	<0.0550	0.152	<0.00200	0.00327	1.02	0.167	<0.00200	<0.0060	0.0141	0.352	<0.00100	<0.00800	<0.000250	0.0272	0.00243	<0.00500	0.00237
Post Aeration	07/29/19	<0.0550	0.149	<0.00200	0.00906	1.00	0.163	<0.00200	<0.0060	0.0146	0.345	<0.00100	<0.00800	<0.000250	0.0259	0.00221	<0.00500	0.0203
Pre-Carbon	07/29/19	<0.0550	0.145	<0.00200	0.00324	0.546	0.160	0.00146	<0.0060	0.0138	0.335	<0.00100	<0.00800	<0.000250	0.0259	0.00287	<0.00500	0.0119
Post Carbon	07/29/19	0.0794	0.123	<0.00200	0.00551	0.467	0.384	0.00272	<0.0060	0.0114	0.342	<0.00100	<0.00800	<0.000250	0.0246	0.00390	<0.00500	0.00831
Post Metals	01/23/20	<0.0550	0.0651	<0.00200	0.00375	0.348	0.119	<0.00200	<0.0060	0.0157	0.245	<0.00100	<0.0910	<0.000250	<0.0110	0.0190	<0.00500	0.0173
Post-Metals	02/28/20	0.0138	0.141	<0.00800	0.0205	0.172	0.106	<0.00800	<0.0080	0.00934	0.373	<0.00800	<0.00800	<0.000250	0.00999	<0.00800	<0.00800	<0.00800

TABLE 10

HISTORICAL NMWQCC METALS CONCENTRATIONS IN EFFLUENT GROUNDWATER
 PLAINS MARKETING, L.P.
 TNM 97-04 TOWNSEND
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE																	
		Total Aluminum	Total Boron	Total Cobalt	Total Copper	Total Iron	Total Manganese	Total Molybdenum	Total Nickel	Total Arsenic	Total Barium	Total Cadmium	Total Chromium	Total Mercury	Total Lead	Total Selenium	Total Silver	Total Zinc
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		5.0 mg/L	0.75 mg/L	0.05 mg/L	1.0 mg/L	1.0 mg/L	0.2 mg/L	1.0 mg/L	0.2 mg/L	0.1 mg/L	1.0 mg/L	0.01 mg/L	0.05 mg/L	0.002 mg/L	0.05 mg/L	0.05 mg/L	0.05 mg/L	10 mg/L
Post-Metals	03/25/20	<0.0200	0.175	<0.00800	0.0146	0.205	0.123	<0.00800	<0.0080	<0.00800	0.258	<0.00800	<0.00800	<0.000250	<0.00800	<0.00800	<0.00800	0.0318
Post-Metals	05/26/20	0.0194	0.107	<0.00500	<0.00200	<0.200	0.0766	<0.00500	<0.00200	0.00710	0.217	<0.00200	<0.00400	<0.0000800	<0.00200	0.00227	<0.00200	0.00749
Post-Metals	06/18/20	0.0197	0.0975	<0.00200	<0.00200	<0.00200	0.0513	<0.00500	<0.00200	0.00674	0.244	<0.00200	<0.00400	<0.000200	<0.00200	0.00210	<0.00200	0.00474
Post-Metals	07/14/20	<0.0550	0.176	<0.00800	0.00636	0.260	0.0210	0.00255	<0.0080	0.0110	0.319	<0.00800	<0.0200	<0.000250	0.00864	<0.00400	<0.00800	0.0165
Post-Metals	08/25/20	<0.0550	0.114	<0.00200	0.0241	0.443	0.0856	0.00348	<0.0060	0.00818	0.631	<0.00100	<0.0910	<0.000250	<0.0110	<0.00400	<0.00500	0.0151
Post-Metals	09/29/20	<0.0550	0.234	<0.00800	0.00485	0.0462	0.183	<0.00800	<0.0080	0.00877	0.303	<0.00800	<0.00800	<0.000250	0.00802	<0.00800	<0.00800	0.0131
Post-Metals	11/03/20	<0.0200	0.150	<0.00800	0.0208	1.03	0.261	<0.00800	<0.0080	0.00665	0.294	<0.00800	<0.00800	<0.000250	0.0113	0.00342	<0.00800	0.555
Post-Metals	11/17/20	<0.0400	0.170	<0.00800	0.0141	0.249	0.0939	0.00371	<0.0080	0.00742	0.288	<0.00800	<0.0200	<0.000250	0.0156	<0.00800	<0.00800	0.0326
Post-Metals	01/27/21	<0.00800	0.137	<0.00800	<0.00800	0.133	0.123	<0.00800	<0.0080	<0.00800	0.260	<0.00800	<0.00800	<0.000250	0.015	<0.00800	<0.00800	0.0191

*Sample analysis conducted by TraceAnalysis, Inc.

**Sample analysis conducted by ALS Environmental Laboratories.

***Sample analysis conducted by Permian Basin Environmental Lab L.P.

****Sample analysis conducted by Xenco Laboratories

N/A - Laboratory failed to complete the analysis on the eight RCRA metals

TABLE 11

HISTORICAL BTEX CONCENTRATIONS IN EFFLUENT GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04 TOWNSEND
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

Results and Regulatory Guidelines in mg/L

Sample Date	Sample Location	Benzene	Toluene	Ethylbenzene	Xylenes
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62
09/02/10	Post Carbon	<0.001	<0.001	<0.001	<0.001
09/10/10	Post Carbon	<0.001	<0.001	<0.001	<0.001
09/16/10	Post Carbon	<0.001	<0.001	<0.001	<0.001
09/23/10	Post Carbon	<0.001	<0.001	<0.001	<0.001
10/25/10	Post Carbon	<0.001	<0.001	<0.001	<0.001
11/23/10	Post Carbon	0.0047	<0.001	<0.001	<0.001
01/28/11	Post Carbon	<0.001	<0.001	<0.001	<0.001
02/28/11	Post Carbon	0.0319	0.037	0.0338	0.0992
03/18/11	Post Carbon	<0.001	<0.001	<0.001	<0.001
04/28/11	Post Carbon	<0.001	<0.001	<0.001	<0.001
07/13/11	Post Carbon	<0.001	<0.001	<0.001	<0.001
07/28/11	Post Carbon	<0.001	<0.001	<0.001	<0.001
08/16/11	Post Carbon	<0.001	<0.001	<0.001	<0.001
09/21/11	Post Carbon	<0.001	<0.001	<0.001	<0.001
10/27/11	Post Carbon	<0.001	<0.001	<0.001	<0.001
11/17/11	Post Carbon	<0.001	<0.001	<0.001	<0.001
01/26/12	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
02/28/12	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
03/29/12	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
05/24/12	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
08/03/12	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
12/31/12	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
01/31/13	Post Carbon*	<0.00100	<0.00100	<0.00100	<0.00100
02/27/13	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
03/28/13	Post Carbon**	0.114	0.0406	0.0059	0.059
04/12/13	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
06/24/13	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
07/29/13	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
08/29/13	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
09/25/13	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
10/30/13	Post Carbon	<0.00100	<0.00100	<0.00300	<0.00300
11/26/13	Post Carbon	0.00150	<0.00100	<0.00300	<0.00300
12/26/13	Post Carbon	<0.00100	<0.00100	<0.00300	<0.00300
01/31/14	Post Carbon	<0.00100	<0.00100	<0.00100	<0.003
02/28/14	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00300
03/26/14	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00300

TABLE 11

HISTORICAL BTEX CONCENTRATIONS IN EFFLUENT GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 97-04 TOWNSEND
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

Results and Regulatory Guidelines in mg/L

Sample Date	Sample Location	Benzene	Toluene	Ethylbenzene	Xylenes
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62
04/30/14	Post Carbon***	0.733	0.141	0.0997	0.316
05/13/14	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00300
05/27/14	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00300
06/24/14	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00300
07/28/14	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
08/27/14	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
09/30/14	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
10/29/14	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
11/25/14	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
12/17/14	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
03/25/15	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
06/30/15	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
07/27/15	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
08/24/15	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
09/08/15	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
09/23/15	Post Carbon****	0.03570	0.0035	0.0021	0.0117
09/29/15	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
10/28/15	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
11/19/15	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
01/20/16	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
02/29/16	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
03/28/16	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
04/27/16	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
05/24/16	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
06/28/16	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
07/25/16	Post Carbon	0.00430	<0.00100	<0.00100	0.00140
08/29/16	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
09/30/16	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
10/31/16	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00100
11/28/16	Post Carbon	<0.00200	<0.00200	<0.00200	<0.00200
01/24/17	Post Carbon	<0.00200	<0.00200	<0.00200	<0.00200
03/08/17	Post Carbon	<0.00200	<0.00150	<0.00200	<0.00200
03/30/17	Post Carbon	<0.00200	<0.00150	<0.00200	<0.00200
04/28/17	Post Carbon	<0.00200	<0.00150	<0.00200	<0.00200
05/30/17	Post Carbon	<0.00200	<0.00200	<0.00200	<0.00400
06/29/17	Post Carbon	<0.00200	<0.00200	<0.00200	<0.00400
07/31/17	Post Carbon	<0.00200	<0.00200	<0.00200	<0.00400

TABLE 11

HISTORICAL BTEX CONCENTRATIONS IN EFFLUENT GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

Results and Regulatory Guidelines in mg/L

Sample Date	Sample Location	Benzene	Toluene	Ethylbenzene	Xylenes
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62
09/11/17	Post Carbon	<0.00200	<0.00200	<0.00200	<0.00400
09/27/17	Post Carbon	<0.00200	<0.00200	<0.00200	<0.00400
11/30/17	Post Carbon	<0.00200	<0.00200	<0.00200	<0.00400
12/28/17	Post Carbon	<0.00200	<0.00200	<0.00200	<0.00400
01/30/18	Post Carbon	<0.00200	<0.00200	<0.00200	<0.00400
02/27/18	Post Carbon	<0.00200	<0.00200	<0.00200	<0.00400
03/26/18	Post Carbon	<0.00200	<0.00200	<0.00200	<0.00400
04/30/18	Post Carbon	<0.00200	<0.00200	<0.00200	<0.00400
06/04/18	Post Carbon	<0.00200	<0.00200	<0.00200	<0.00400
07/17/18	Post Carbon	<0.00200	<0.00200	<0.00200	<0.00400
10/30/18	Post Carbon	<0.00100	<0.0100	<0.00500	<0.0200
11/15/18	Post Carbon	<0.00100	<0.0100	<0.00500	<0.0200
04/22/19	Post Carbon	<0.00100	<0.0100	<0.0100	<0.00200
07/09/19	Post Carbon	<0.00100	<0.0100	<0.0100	<0.00200
01/23/20	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00200
02/28/20	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00200
03/25/20	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00200
05/26/20	Post Carbon	<0.00100	<0.00500	<0.00500	<0.00500
06/18/20	Post Carbon	<0.00100	<0.00500	<0.00500	<0.00500
07/14/20	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00200
08/25/20	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00200
09/29/20	Post Carbon	0.00189	<0.00100	<0.00100	<0.00200
11/03/20	Post Carbon	<0.00100	<0.00100	<0.00100	<0.00200
11/17/20	Post Carbon	0.00230	<0.00100	<0.00100	<0.00200
01/27/21	Post Carbon	0.06440	0.0126	0.0194	0.0582

Samples were not collected in the months of April, June, July, September, October, and November of 2012 due to bad weather and/or repairs.

Samples were not collected in the months of April and May 2013 due to system maintenance and repairs.

*Resampled 12/31/12 Post Carbon sample due to WQCC Metal analytical results exceeding WQCC regulatory standards.

**Resampled 3/12/13 Post Carbon sample due to inconsistent analytical results, results likely due to field error.

***Resampled 5/13/14 Post Carbon sample due to inconsistent analytical results, results

TABLE 11

HISTORICAL BTEX CONCENTRATIONS IN EFFLUENT GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

Results and Regulatory Guidelines in mg/L

Sample Date	Sample Location	Benzene	Toluene	Ethylbenzene	Xylenes
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62

likely due to field error.

****Resampled 9/29/15 Post Carbon sample due to inconsistent analytical results, results likely due to field error.

Sample was not collected in the month of December 2016 due to system failure resulting from very cold temperature.

Samples were not collected in the months of May, August, September, and December 2018 due to system repairs.

TABLE 12

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN EFFLUENT GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

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		---
Post Carbon	01/28/11	<0.000188	<0.000188	<0.000188		<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188
Post Carbon	02/28/11	<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	<0.000190
Post Carbon	03/18/11	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
Post Carbon	04/28/11	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Post Carbon	05/01/11	PAH Analysis not conducted - System inoperable due to mechanical issues																		
Post Carbon	06/01/11	PAH Analysis not conducted due to elevated BTEX concentrations																		
Post Carbon	07/13/11	PAH Analysis inadvertently not conducted																		
Post Carbon	07/28/11	PAH Analysis inadvertently not conducted																		
Post Carbon	08/16/11	<0.0002	<0.0002	<0.0002	0.000213	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.000216	<0.0002	<0.0002	<0.0002	0.000238	<0.0002	<0.0002	<0.0002	<0.0002
Post Carbon	09/21/11	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.00101	0.00158	0.00102	<0.0002
Post Carbon	10/27/11	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Post Carbon	11/17/11	<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	<0.000184
Post Carbon	01/26/12	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
Post Carbon	02/28/12	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
Post Carbon	03/29/12	<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
Post Carbon	05/24/12	<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
Post Carbon	08/03/12	<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
Post Carbon	12/31/12	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199
Post Carbon*	01/31/13	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199
Post Carbon	02/27/13	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201
Post Carbon	04/12/13	<0.000220	<0.000220	<0.000220	<0.000220	<0.000220	<0.000220	<0.000220	<0.000220	<0.000220	<0.000220	<0.000220	<0.000220	<0.000220	<0.000220	<0.000220	<0.000220	<0.000220	<0.000220	<0.000220
Post Carbon	06/24/13	<0.000211	<0.000211	<0.000211	<0.000211	<0.000211	<0.000211	<0.000211	<0.000211	<0.000211	<0.000211	<0.000211	<0.000211	<0.000211	<0.000211	<0.000211	<0.000211	<0.000211	<0.000211	<0.000211
Post Carbon	07/29/13	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201
Post Carbon	08/29/13	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195

TABLE 12

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN EFFLUENT GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

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			---
Post Carbon	09/25/13	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	
Post Carbon	10/30/13	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
Post Carbon	11/26/13	<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	
Post Carbon	12/26/13	<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	
Post Carbon	01/31/14	<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	
Post Carbon	02/28/14	<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	
Post Carbon	03/26/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	
Post Carbon**	05/13/14	<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	
Post Carbon	05/27/14	<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	
Post Carbon	06/24/14	PAH Analysis inadvertently not conducted																		
Post Carbon	07/28/14	<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	
Post Carbon	09/30/14	<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	
Post Carbon	10/29/14	<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	
Post Carbon	11/25/14	<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	
Post Carbon	12/17/14	<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	
Post Carbon	03/25/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	
Post Carbon	06/30/15	<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	<0.000200	<0.000200	<0.000200	
Post Carbon	07/27/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	
Post Carbon	09/23/15	<0.000202	<0.000202	<0.000202	<0.000202	<0.000202	<0.000202	<0.000202	<0.000202	<0.000202	<0.000202	<0.000202	<0.000202	<0.000202	<0.000202	<0.000202	<0.000202	<0.000202	<0.000202	
Post Carbon	09/29/15	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	
Post Carbon	10/28/15	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	
Post Carbon	11/19/15	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN EFFLUENT GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

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		---
Post Carbon***	01/20/16	<0.0000329	<0.0000575	<0.0000318	<0.0000714	<0.0000414	<0.0000703	<0.0000514	<0.0000555	<0.0000803	<0.0000556	<0.0000632	<0.0000780	<0.0000532	<0.0000511	<0.0000411	<0.0000649	<0.0000656	<0.0000511	<0.0000601
Post Carbon***	02/29/16	<0.0000330	<0.0000578	<0.0000319	<0.0000717	<0.0000416	<0.0000706	<0.0000516	<0.0000558	<0.0000807	<0.0000559	<0.0000635	<0.0000784	<0.0000534	<0.0000513	<0.0000413	<0.0000653	<0.0000660	<0.0000513	<0.0000604
Post Carbon***	03/28/16	<0.0000330	<0.0000578	<0.0000319	<0.0000717	<0.0000416	<0.0000706	<0.0000516	<0.0000558	<0.0000807	<0.0000559	<0.0000635	<0.0000784	<0.0000534	<0.0000513	<0.0000413	<0.0000653	<0.0000660	<0.0000513	<0.0000604
Post Carbon***	04/27/16	<0.0000330	<0.0000578	<0.0000319	<0.0000717	<0.0000416	<0.0000706	<0.0000516	<0.0000558	<0.0000807	<0.0000559	<0.0000635	<0.0000784	<0.0000534	<0.0000513	<0.0000413	<0.0000653	<0.0000660	<0.0000513	<0.0000604
Post Carbon***	05/24/16	<0.0000325	<0.0000569	<0.0000314	<0.0000706	<0.0000410	<0.0000696	<0.0000509	<0.0000550	<0.0000795	<0.0000551	<0.0000625	<0.0000772	<0.0000526	<0.0000506	<0.0000407	<0.0000643	<0.0000650	<0.0000506	<0.0000595
Post Carbon***	06/28/16	<0.0000315	<0.0000551	<0.0000304	<0.0000684	<0.0000396	<0.0000673	<0.0000492	<0.0000532	<0.0000769	<0.0000533	<0.0000605	<0.0000747	<0.0000509	<0.0000489	<0.0000393	<0.0000622	<0.0000628	<0.0000489	<0.0000575
Post Carbon***	07/25/16	<0.0000324	<0.0000567	<0.0000313	<0.0000704	<0.0000408	<0.0000693	<0.0000506	<0.0000548	<0.0000792	<0.0000548	<0.0000623	<0.0000769	<0.0000524	<0.0000504	<0.0000405	<0.0000640	<0.0000647	<0.0000504	<0.0000592
Post Carbon***	08/29/16	<0.0000307	<0.0000538	<0.0000297	<0.0000668	<0.0000387	<0.0000657	<0.0000480	<0.0000519	<0.0000751	<0.0000520	<0.0000591	<0.0000730	<0.0000497	<0.0000478	<0.0000384	<0.0000607	<0.0000614	<0.0000478	<0.0000562
Post Carbon***	09/30/16	<0.0000325	<0.0000569	<0.0000314	<0.0000706	<0.0000410	<0.0000696	<0.0000509	<0.0000550	<0.0000795	<0.0000551	0.000131	<0.0000772	<0.0000526	<0.0000506	0.000182	<0.0000643	0.000114	0.000219	<0.0000595
Post Carbon***	10/31/16	<0.0000306	<0.0000536	<0.0000296	<0.0000665	<0.0000385	<0.0000655	<0.0000478	<0.0000517	<0.0000748	<0.0000518	<0.0000588	<0.0000726	<0.0000495	<0.0000476	0.000130	<0.0000605	0.0000991	0.000186	<0.0000560
Post Carbon	11/28/16	<0.000288	<0.000288	<0.000288	<0.000288	<0.000288	<0.000288	<0.000288	<0.000288	<0.000288	<0.000288	<0.000288	<0.000288	<0.000288	<0.000288	<0.000288	<0.000288	<0.000288	<0.000288	<0.000228
Post Carbon	01/24/17	<0.000278	<0.000278	<0.000278	<0.000278	<0.000278	<0.000278	<0.000278	<0.000278	<0.000278	<0.000278	<0.000278	<0.000278	<0.000278	<0.000278	<0.000278		<0.000278		<0.000278
Post Carbon	03/08/17	<0.000273	<0.000273	<0.000273	<0.000273	<0.000273	<0.000273	<0.000273	<0.000273	<0.000273	<0.000273	<0.000273	<0.000273	<0.000273	<0.000273	<0.000273		<0.000273		<0.000273
Post Carbon	03/30/17	PAH Analysis not conducted due to laboratory error																		
Post Carbon	04/28/17	PAH Analysis inadvertently not conducted																		
Post Carbon	05/30/17	<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		<0.000369		<0.000185
Post Carbon	06/29/17	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187		<0.000375		<0.000187
Post Carbon	07/31/17	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182		<0.000364		<0.000182
Post Carbon	09/11/17	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108		0.000699		<0.000108
Post Carbon	09/27/17	<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		<0.000369		<0.000185
Post Carbon	11/30/17	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181		0.000200		<0.000181

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN EFFLUENT GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran	
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
Post Carbon	12/28/17	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000181	<0.000362		<0.000181	
Post Carbon	01/30/18	PAH Analysis not conducted due to laboratory error																		
Post Carbon	02/27/18	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109		<0.000109	
Post Carbon	03/26/18	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110		<0.000110	
Post Carbon	04/30/18	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	0.000534		<0.000110	
Post Carbon	06/04/08	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110		<0.000110	
Post Carbon	07/18/18	<0.000109	<0.000109	0.000111	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	0.000137	<0.000109	0.000417	<0.000109	0.000332		0.000187	
Post Carbon	10/30/18	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011		<0.00011	
Post Carbon	11/15/18	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010		<0.00010	
Post Carbon	04/01/19	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010		<0.00010	
Post Carbon	07/09/19	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010		<0.00010	
Post Carbon	01/23/20	<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	<0.000099		<0.000099	
Post Carbon	02/28/20	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097		<0.000097	
Post Carbon	03/25/20	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098		<0.000098	
Post Carbon	05/26/20	<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	<0.000099		<0.000099	
Post Carbon	06/18/20	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010		<0.00010	
Post Carbon	07/14/20	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010		<0.00010	
Post Carbon	08/25/20	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010		<0.00010	
Post Carbon	09/29/20	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010		<0.00010	
Post Carbon	11/17/20	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010		<0.00010	
Post Carbon	11/17/20	<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	<0.000099		<0.000099	
Post Carbon	01/27/21	<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	0.0050		<0.000099	

TABLE 12

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN EFFLUENT GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All water concentrations are reported in mg/L.

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

Samples were not taken in the months of April, June, July, September, October, and November of 2012 due to bad weather and/or repairs.

*Resampled Post Carbon due to WQCC Metal sample results of 12/31/12 exceeding WQCC standards.

**Resampled Post Carbon sample due to inconsistent analytical results of 4/30/14, likely due to field error.

TABLE 13

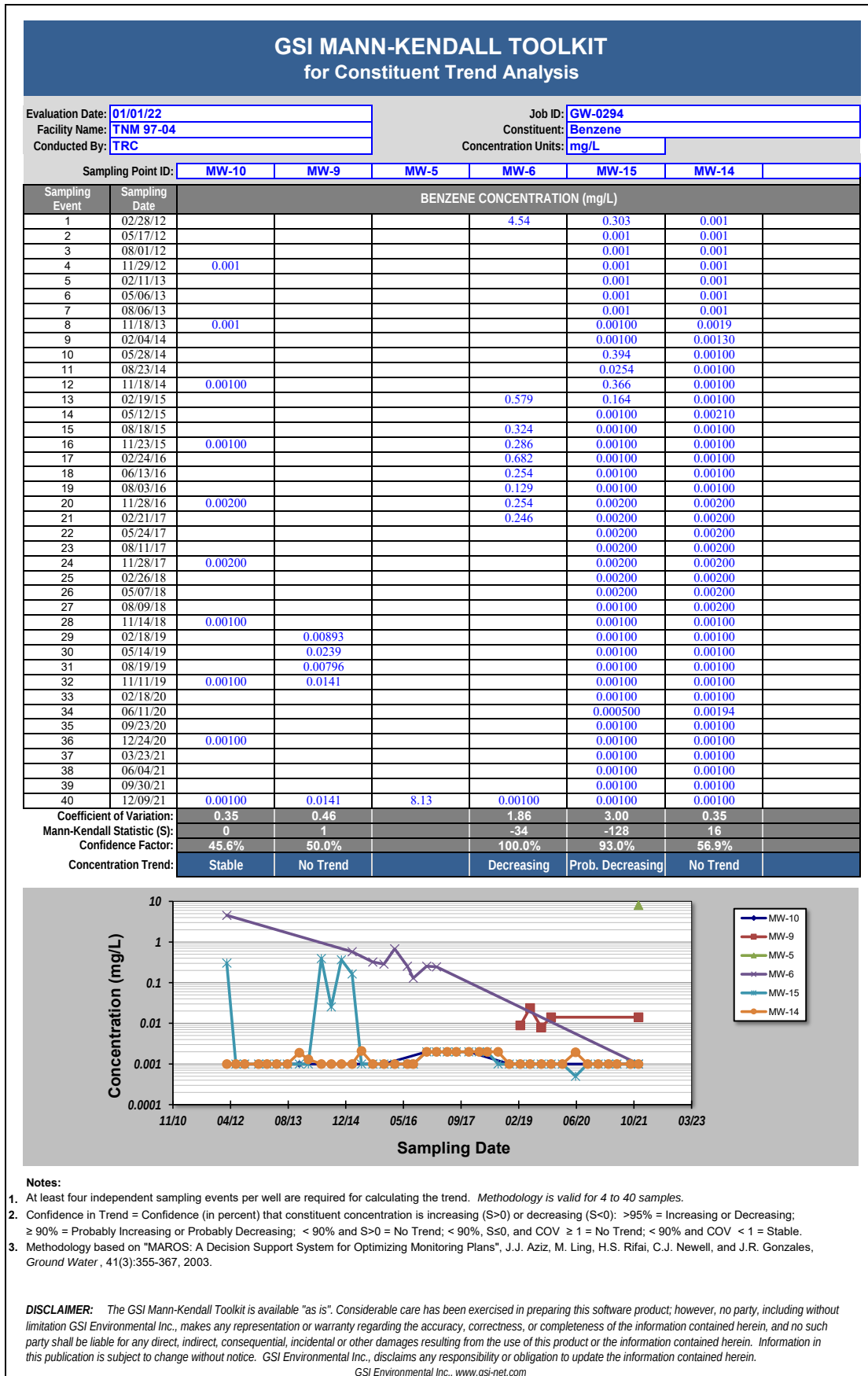


TABLE 14

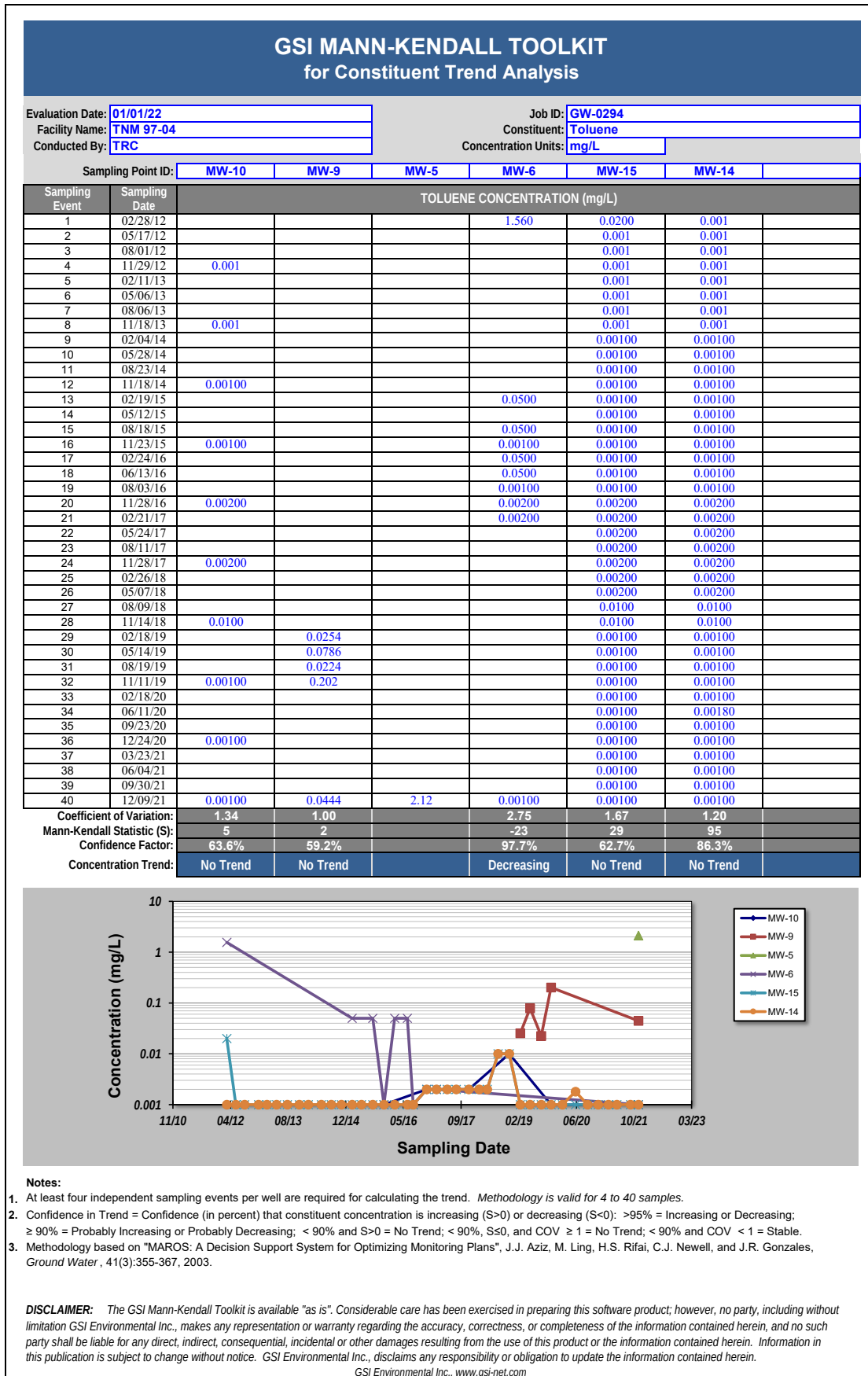


TABLE 15

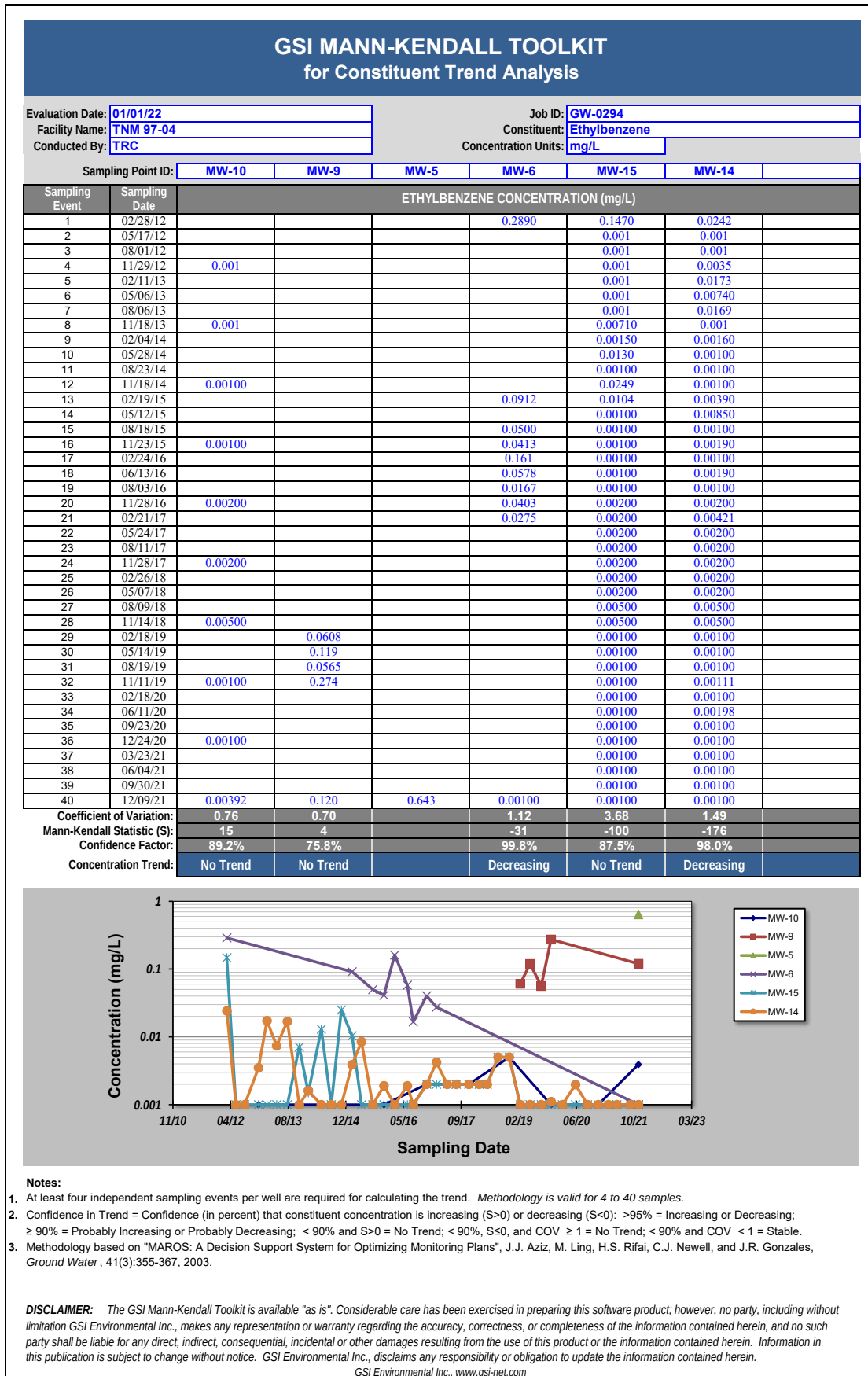


TABLE 16

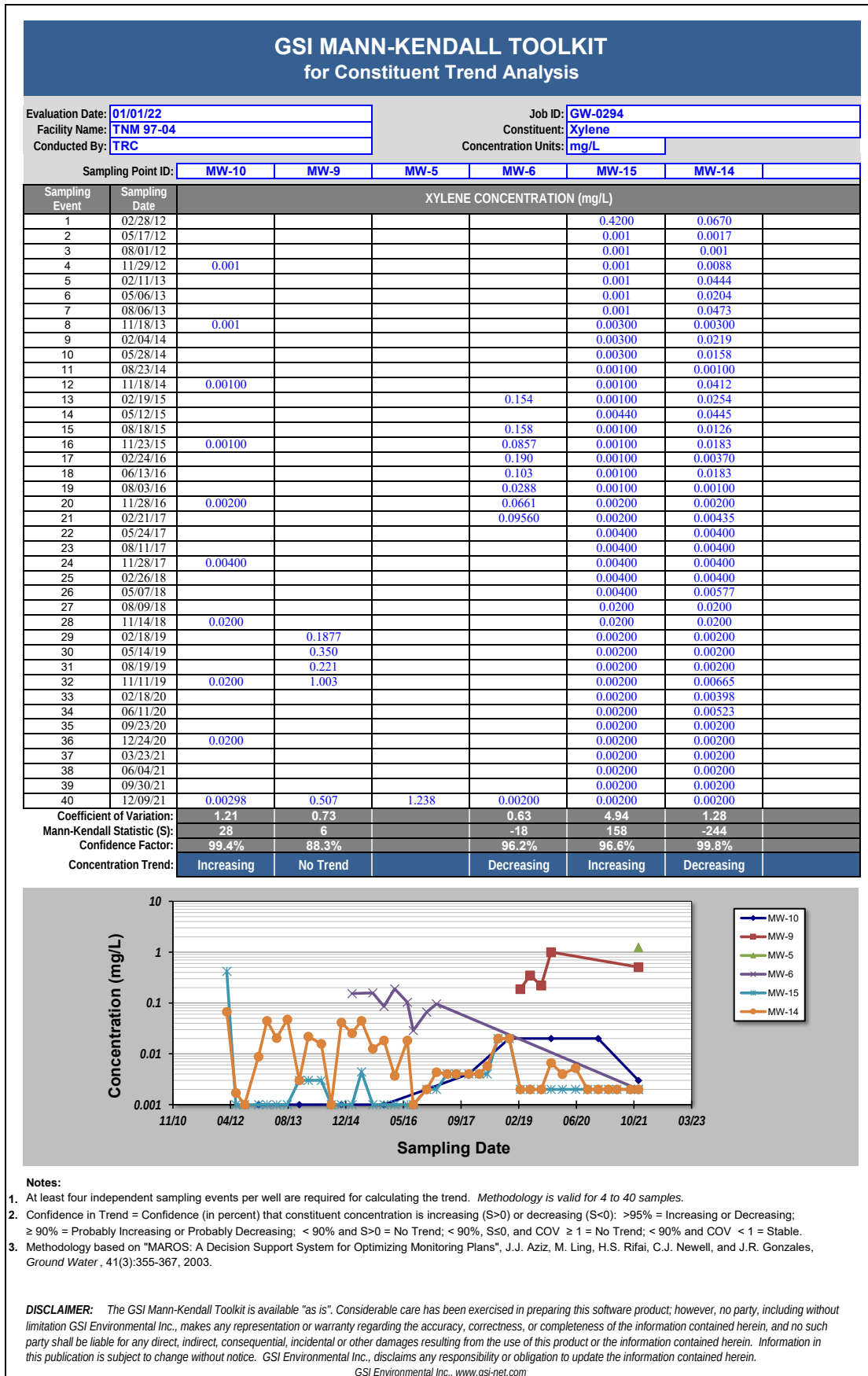


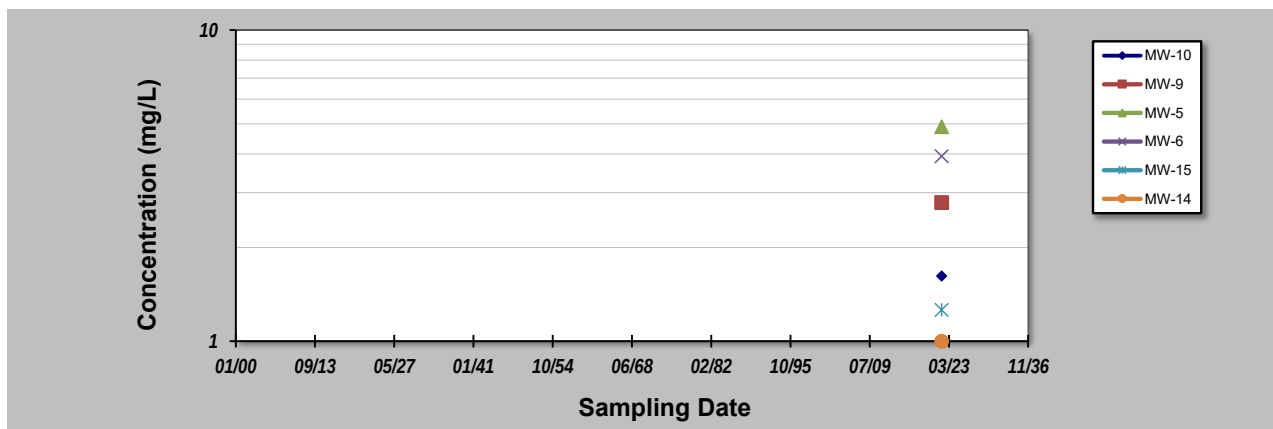
TABLE 17

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: GW-0294					
Facility Name: TNM 97-04		Constituent: Total Organic Carbon (TOC)					
Conducted By: TRC		Concentration Units: mg/L					
Sampling Point ID:		MW-10	MW-9	MW-5	MW-6	MW-15	MW-14

Sampling Event	Sampling Date	TOTAL ORGANIC CARBON (TOC) CONCENTRATION (mg/L)					
1	12/09/21	1.62	2.79	4.89	3.93	1.26	1.00
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:**

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

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TABLE 18

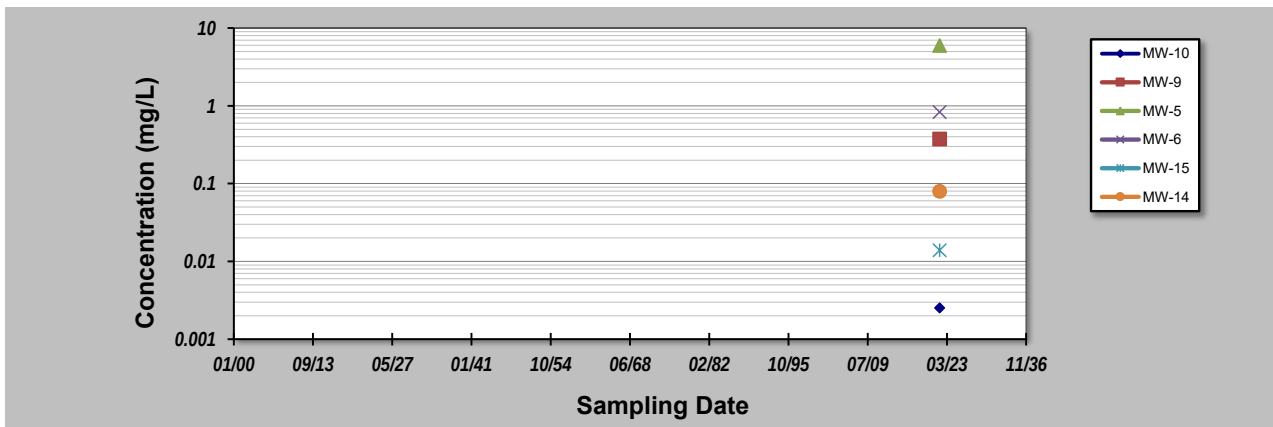
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/21		Job ID: GW-0294	
Facility Name: TNM 97-04		Constituent: Dissolved methane (RSK-175)	
Conducted By: TRC		Concentration Units: mg/L	

Sampling Point ID:	MW-10	MW-9	MW-5	MW-6	MW-15	MW-14	
--------------------	--------------	-------------	-------------	-------------	--------------	--------------	--

Sampling Event	Sampling Date	DISSOLVED METHANE (RSK-175) CONCENTRATION (mg/L)					
1	12/09/21	0.00253	0.373	5.97	0.832	0.0139	0.0796
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:

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

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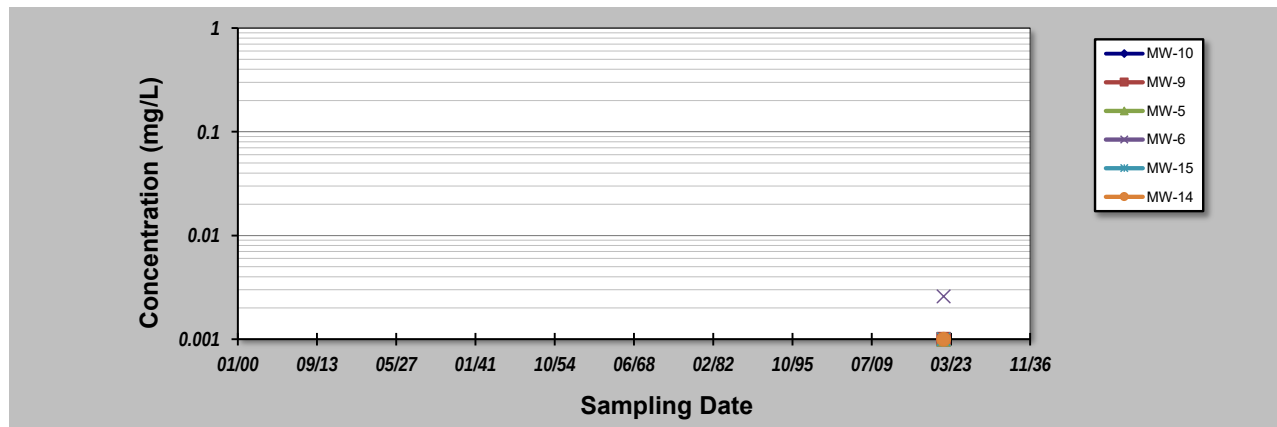
TABLE 19

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: GW-0294					
Facility Name: TNM 97-04		Constituent: Dissolved Ethane (RSK-175)					
Conducted By: TRC		Concentration Units: mg/L					
Sampling Point ID:		MW-10	MW-9	MW-5	MW-6	MW-15	MW-14

Sampling Event	Sampling Date	DISSOLVED ETHANE (RSK-175) CONCENTRATION (mg/L)					
1	12/09/21	0.00100	0.00100	0.00100	0.00258	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:**

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

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TABLE 20

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis								
Evaluation Date: 01/01/22		Job ID: GW-0294						
Facility Name: TNM 97-04		Constituent: Dissolved Ethene (RSK-175)						
Conducted By: TRC		Concentration Units: mg/L						
Sampling Point ID:		MW-10	MW-9	MW-5	MW-6	MW-15	MW-14	
Sampling Event	Sampling Date	DISSOLVED ETHENE (RSK-175) CONCENTRATION (mg/L)						
1	12/09/21	0.00131	0.00100	0.00100	0.00364	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:

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

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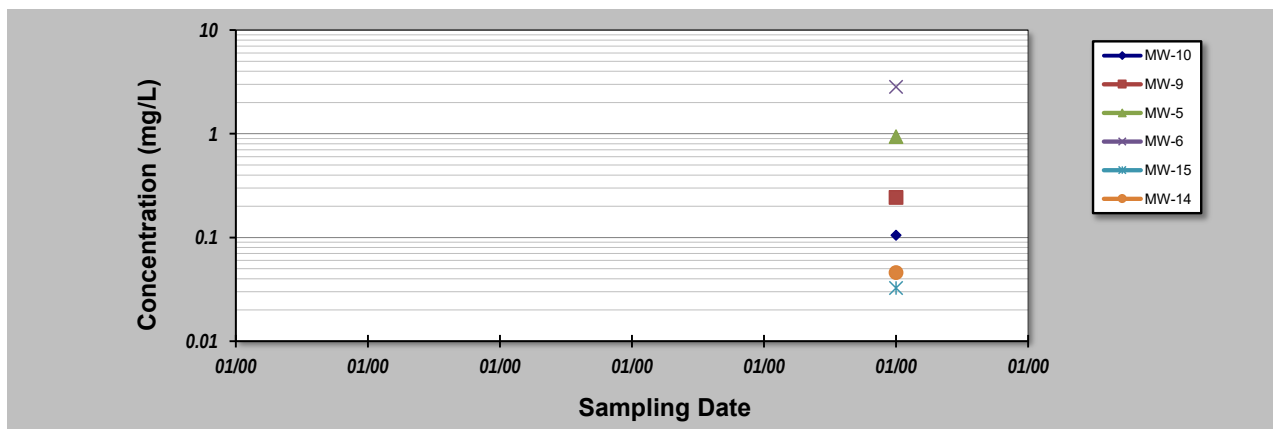
TABLE 21

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: GW-0294					
Facility Name: TNM 97-04		Constituent: Total Iron (filtered)					
Conducted By: TRC		Concentration Units: mg/L					
Sampling Point ID:		MW-10	MW-9	MW-5	MW-6	MW-15	MW-14

Sampling Event	Sampling Date	TOTAL IRON (FILTERED) CONCENTRATION (mg/L)					
1		0.105	0.243	0.940	2.83	0.0325	0.0458
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:**

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

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TABLE 22

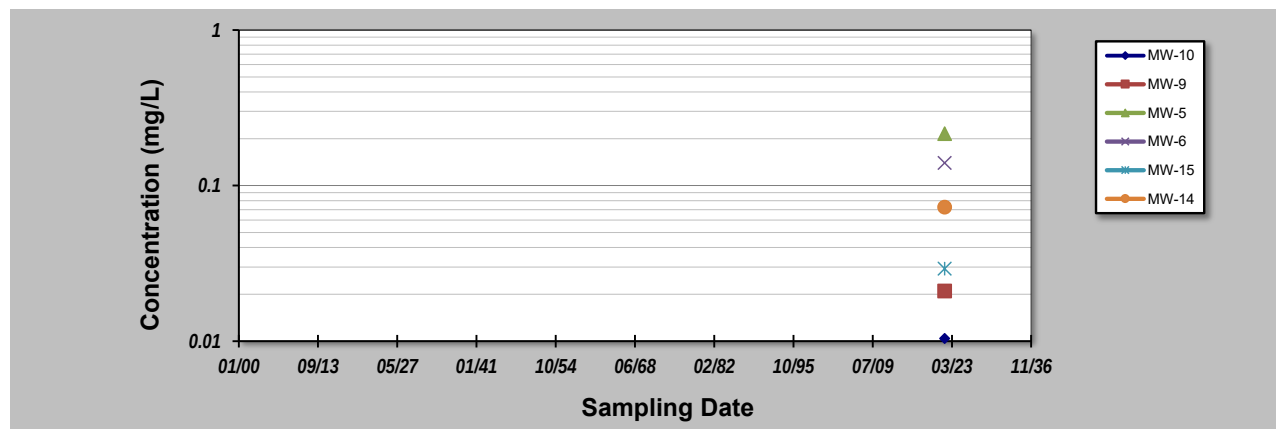
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: GW-0294	
Facility Name: TNM 97-04		Constituent: Total Manganese (filtered)	
Conducted By: TRC		Concentration Units: mg/L	

Sampling Point ID:	MW-10	MW-9	MW-5	MW-6	MW-15	MW-14
--------------------	--------------	-------------	-------------	-------------	--------------	--------------

Sampling Event	Sampling Date	TOTAL MANGANESE (FILTERED) CONCENTRATION (mg/L)					
1	12/09/21	0.0104	0.0210	0.216	0.140	0.0292	0.0727
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:**

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

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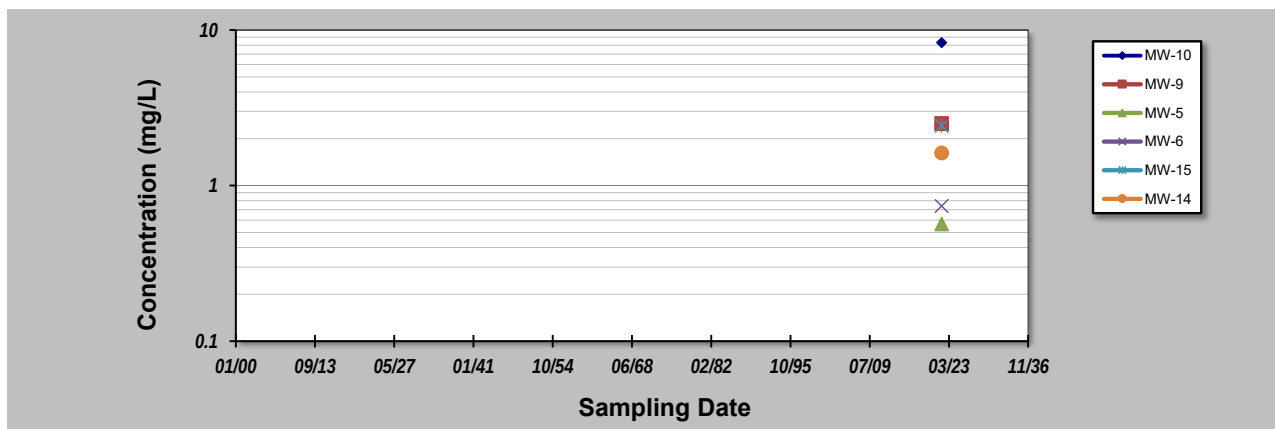
TABLE 23

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: GW-0294					
Facility Name: TNM 97-04		Constituent: Nitrate					
Conducted By: TRC		Concentration Units: mg/L					
Sampling Point ID:		MW-10	MW-9	MW-5	MW-6	MW-15	MW-14

Sampling Event	Sampling Date	NITRATE CONCENTRATION (mg/L)					
1	12/09/21	8.31	2.51	0.567	0.740	2.42	1.62
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:**

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

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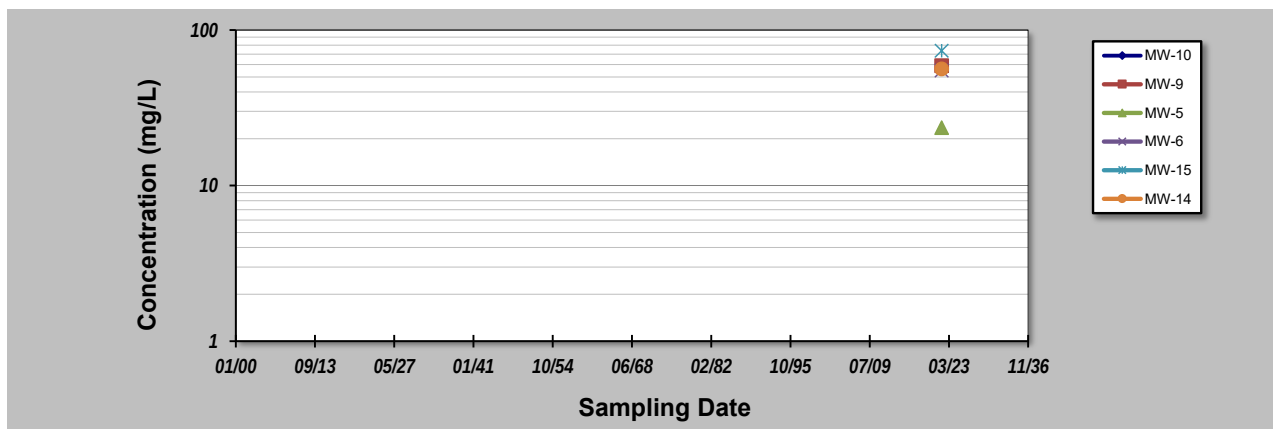
TABLE 24

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: GW-0294					
Facility Name: TNM 97-04		Constituent: Sulfate					
Conducted By: TRC		Concentration Units: mg/L					
Sampling Point ID:		MW-10	MW-9	MW-5	MW-6	MW-15	MW-14

Sampling Event	Sampling Date	SULFATE CONCENTRATION (mg/L)					
1	12/09/21	59.0	59.0	23.6	54.9	73.7	56.2
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:**

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

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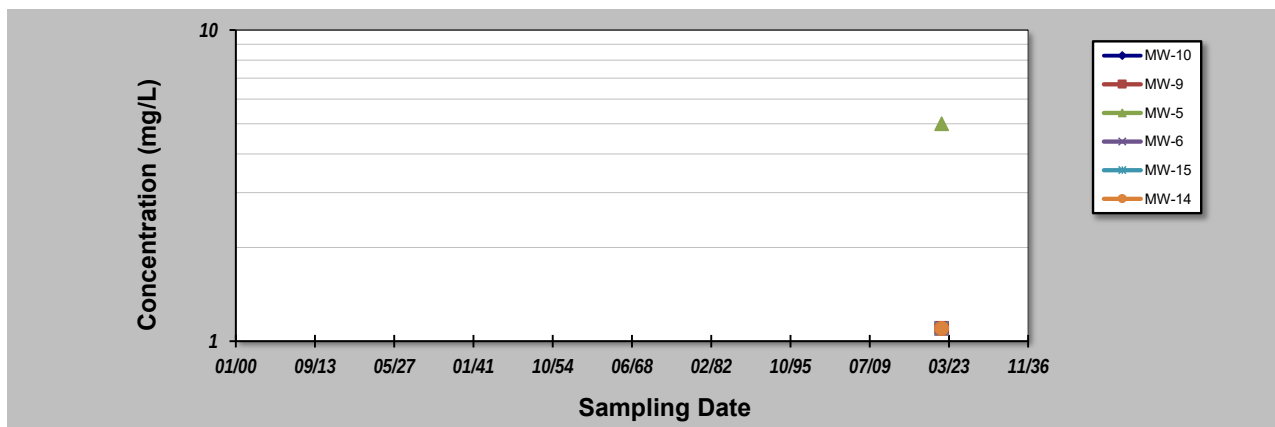
TABLE 25

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: GW-0294					
Facility Name: TNM 97-04		Constituent: Chemical Oxygen Demand (COD)					
Conducted By: TRC		Concentration Units: mg/L					
Sampling Point ID:		MW-10	MW-9	MW-5	MW-6	MW-15	MW-14

Sampling Event	Sampling Date	CHEMICAL OXYGEN DEMAND (COD) CONCENTRATION (mg/L)					
1	12/09/21	1.10	1.10	5.00	1.10	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:**

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

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APPENDICES

APPENDIX A: 2021 Laboratory Analytical Reports

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



Analytical Report

Prepared for:

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

Project: 97-04
Project Number: TNM 97-04
Location: Lea County, NM
Lab Order Number: 1A28004



NELAP/TCEQ # T104704516-18-9

Report Date: 02/24/21

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Post-Carbon	1A28004-01	Water	01/27/21 12:20	01-27-2021 17:10

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

Post-Carbon
1A28004-01 (Water)

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

Organics by GC

Benzene	0.0644	0.00100	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Toluene	0.0126	0.00200	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Ethylbenzene	0.0194	0.00100	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Xylene (p/m)	0.0416	0.00200	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Xylene (o)	0.0166	0.00100	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		110 %	80-120		P1B0903	02/09/21	02/09/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P1B0903	02/09/21	02/09/21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P1B0903 - * DEFAULT PREP *****

Blank (P1B0903-BLK1)										Prepared & Analyzed: 02/09/21
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.133		"	0.120		111	80-120			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	80-120			

LCS (P1B0903-BS1)										Prepared & Analyzed: 02/09/21
Benzene	0.0952	0.00100	mg/L	0.100		95.2	80-120			
Toluene	0.117	0.00200	"	0.100		117	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200		116	80-120			
Xylene (o)	0.116	0.00100	"	0.100		116	80-120			
Surrogate: 4-Bromofluorobenzene	0.135		"	0.120		112	80-120			
Surrogate: 1,4-Difluorobenzene	0.131		"	0.120		109	80-120			

LCS Dup (P1B0903-BSD1)										Prepared & Analyzed: 02/09/21
Benzene	0.0904	0.00100	mg/L	0.100		90.4	80-120	5.08	20	
Toluene	0.115	0.00200	"	0.100		115	80-120	1.79	20	
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120	4.75	20	
Xylene (p/m)	0.239	0.00200	"	0.200		120	80-120	2.81	20	
Xylene (o)	0.115	0.00100	"	0.100		115	80-120	0.941	20	
Surrogate: 4-Bromofluorobenzene	0.133		"	0.120		111	80-120			
Surrogate: 1,4-Difluorobenzene	0.130		"	0.120		108	80-120			

Calibration Blank (P1B0903-CCB1)										Prepared & Analyzed: 02/09/21
Benzene	0.260		mg/L							
Toluene	1.06		"							
Ethylbenzene	0.360		"							
Xylene (p/m)	0.430		"							
Xylene (o)	0.230		"							
Surrogate: 4-Bromofluorobenzene	0.133		"	0.120		111	80-120			
Surrogate: 1,4-Difluorobenzene	0.128		"	0.120		106	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P1B0903 - * DEFAULT PREP *****

Calibration Check (P1B0903-CCV1)

Prepared & Analyzed: 02/09/21

Benzene	0.0943	0.00100	mg/L	0.100		94.3	80-120			
Toluene	0.119	0.00200	"	0.100		119	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.238	0.00200	"	0.200		119	80-120			
Xylene (o)	0.120	0.00100	"	0.100		120	80-120			
Surrogate: 4-Bromofluorobenzene	0.131		"	0.120		109	80-120			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	80-120			

Calibration Check (P1B0903-CCV2)

Prepared & Analyzed: 02/09/21

Benzene	0.0912	0.00100	mg/L	0.100		91.2	80-120			
Toluene	0.117	0.00200	"	0.100		117	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.237	0.00200	"	0.200		119	80-120			
Xylene (o)	0.119	0.00100	"	0.100		119	80-120			
Surrogate: 4-Bromofluorobenzene	0.135		"	0.120		112	80-120			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	80-120			

Matrix Spike (P1B0903-MS1)

Source: 1B02003-01

Prepared & Analyzed: 02/09/21

Benzene	0.0912	0.00100	mg/L	0.100	ND	91.2	80-120			
Toluene	0.118	0.00200	"	0.100	0.000930	117	80-120			
Ethylbenzene	0.116	0.00100	"	0.100	ND	116	80-120			
Xylene (p/m)	0.240	0.00200	"	0.200	ND	120	80-120			
Xylene (o)	0.119	0.00100	"	0.100	ND	119	80-120			
Surrogate: 4-Bromofluorobenzene	0.137		"	0.120		114	80-120			
Surrogate: 1,4-Difluorobenzene	0.132		"	0.120		110	80-120			

Matrix Spike Dup (P1B0903-MSD1)

Source: 1B02003-01

Prepared & Analyzed: 02/09/21

Benzene	0.0903	0.00100	mg/L	0.100	ND	90.3	80-120	0.970	20	
Toluene	0.116	0.00200	"	0.100	0.000930	115	80-120	2.16	20	
Ethylbenzene	0.113	0.00100	"	0.100	ND	113	80-120	3.19	20	
Xylene (p/m)	0.236	0.00200	"	0.200	ND	118	80-120	1.57	20	
Xylene (o)	0.117	0.00100	"	0.100	ND	117	80-120	1.28	20	
Surrogate: 4-Bromofluorobenzene	0.132		"	0.120		110	80-120			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

Notes and Definitions

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

Report Approved By:



Date:

2/24/2021

Brent Barron, Laboratory Director/Technical Director

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

Permian Basin Environmental Lab, L.P.

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

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

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



Analytical Report

Prepared for:

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

Project: 97-04
Project Number: TNM 97-04
Location: Lea County, NM
Lab Order Number: 1A28001



Current Certification

Report Date: 03/02/21

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Post-Metals	1A28001-01	Water	01/27/21 12:25	01-27-2021 17:10

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

Post-Metals
1A28001-01 (Water)

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

Total Metals by EPA / Standard Methods

Silver	ND	0.00800	mg/L	1	P1B1003	02/10/21 12:08	02/16/21 10:37	EPA 6010B	QAL1
Aluminum	ND	0.00800	mg/L	1	P1B1003	02/10/21 12:08	02/11/21 15:48	EPA 6010B	QAL1
Arsenic	ND	0.00800	mg/L	1	P1B1003	02/10/21 12:08	02/11/21 15:48	EPA 6010B	QAL1
Boron	0.137	0.00800	mg/L	1	P1B1003	02/10/21 12:08	02/16/21 10:37	EPA 6010B	QAL1
Barium	0.260	0.00800	mg/L	1	P1B1003	02/10/21 12:08	02/11/21 15:48	6010B	QAL1
Cadmium	ND	0.00800	mg/L	1	P1B1003	02/10/21 12:08	02/11/21 15:48	EPA 6010B	QAL1
Cobalt	ND	0.00800	mg/L	1	P1B1003	02/10/21 12:08	02/11/21 15:48	EPA 6010B	QAL1
Chromium	ND	0.00800	mg/L	1	P1B1003	02/10/21 12:08	02/16/21 10:37	EPA 6010B	
Copper	ND	0.00800	mg/L	1	P1B1003	02/10/21 12:08	02/11/21 15:48	EPA 6010B	QAL1
Iron	0.133	0.00800	mg/L	1	P1B1003	02/10/21 12:08	02/11/21 15:48	EPA 6010B	QAL1
Mercury	ND	0.250	ug/l	1	P1B1602	02/16/21 14:21	02/18/21 12:48	EPA 7470A	
Manganese	0.123	0.00800	mg/L	1	P1B1003	02/10/21 12:08	02/11/21 15:48	EPA 6010B	QAL1
Molybdenum	ND	0.00800	mg/L	1	P1B1003	02/10/21 12:08	02/16/21 10:37	EPA 6010B	QAL1
Nickel	ND	0.0080	mg/L	1	P1B1003	02/10/21 12:08	02/11/21 15:48	EPA 6010B	QAL1
Lead	0.0150	0.00800	mg/L	1	P1B1003	02/10/21 12:08	02/11/21 15:48	EPA 6010B	QAL1
Selenium	ND	0.00800	mg/L	1	P1B1003	02/10/21 12:08	02/16/21 10:37	EPA 6010B	QAL1
Zinc	0.0191	0.00800	mg/L	1	P1B1003	02/10/21 12:08	02/11/21 15:48	EPA 6010B	QAL1

Permian Basin Environmental Lab, L.P.

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

Total 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
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Batch P1B1003 - * DEFAULT PREP *****

Blank (P1B1003-BLK1)

Prepared: 02/10/21 Analyzed: 02/11/21

Chromium	ND	0.00800	mg/L							QAL1
Cadmium	ND	0.00800	"							QAL1
Molybdenum	ND	0.00800	"							QAL1
Zinc	ND	0.00800	"							QAL1
Barium	ND	0.00800	"							QAL1
Selenium	ND	0.00800	"							QAL1
Arsenic	ND	0.00800	"							QAL1
Lead	ND	0.00800	"							QAL1
Copper	ND	0.00800	"							QAL1
Manganese	ND	0.00800	"							QAL1
Aluminum	ND	0.00800	"							QAL1
Nickel	ND	0.0080	"							QAL1
Cobalt	ND	0.00800	"							QAL1
Silver	ND	0.00800	"							QAL1
Iron	ND	0.00800	"							QAL1

LCS (P1B1003-BS1)

Prepared: 02/10/21 Analyzed: 02/16/21

Chromium	0.0173	0.00800	mg/L	0.0160		108	80-120			
Zinc	0.0192	0.00800	"	0.0200		96.2	80-120			QAL1
Cadmium	0.00869	0.00800	"	0.00800		109	80-120			QAL1
Selenium	0.0160	0.00800	"	0.0160		100	80-120			QAL1
Iron	0.187	0.00800	"	0.160		117	80-120			QAL1
Nickel	0.0210	0.0080	"	0.0200		105	80-120			QAL1
Lead	0.0219	0.00800	"	0.0200		110	80-120			QAL1
Barium	0.0397	0.00800	"	0.0400		99.3	80-120			QAL1
Cobalt	0.00878	0.00800	"	0.00800		110	80-120			QAL1
Arsenic	0.00762	0.00700	"	0.00800		95.2	80-120			QAL1
Aluminum	0.0299	0.00800	"	0.0400		74.7	70-130			QAL1
Manganese	0.0211	0.00800	"	0.0200		105	80-120			QAL1
Silver	0.0164	0.00800	"	0.0160		103	80-120			
Molybdenum	0.0150	0.00800	"	0.0160		93.7	80-120			QAL1

Permian Basin Environmental Lab, L.P.

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

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

Total 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 P1B1003 - * DEFAULT PREP *****

LCS Dup (P1B1003-BSD1)

Prepared: 02/10/21 Analyzed: 02/11/21

Molybdenum	0.0160	0.00800	mg/L	0.0160		100	80-120	6.45	20	QAL1
Cobalt	0.00869	0.00800	"	0.00800		109	80-120	1.01	20	QAL1
Iron	0.187	0.00800	"	0.160		117	80-120	0.134	20	
Manganese	0.0217	0.00800	"	0.0200		108	80-120	2.82	20	QAL1
Lead	0.0222	0.00800	"	0.0200		111	80-120	1.04	20	QAL1
Silver	0.0169	0.00800	"	0.0160		106	80-120	2.76	20	
Cadmium	0.00882	0.00800	"	0.00800		110	80-120	1.42	20	QAL1
Barium	0.0398	0.00800	"	0.0400		99.5	80-120	0.140	20	QAL1
Chromium	0.0182	0.00800	"	0.0160		114	80-120	5.54	20	
Zinc	0.0194	0.00800	"	0.0200		97.0	80-120	0.802	20	QAL1
Selenium	0.0150	0.00800	"	0.0160		93.7	80-120	6.45	20	QAL1
Nickel	0.0211	0.0080	"	0.0200		105	80-120	0.511	20	QAL1
Aluminum	0.0305	0.00800	"	0.0400		76.4	70-120	2.27	20	QAL1
Arsenic	0.00714	0.00700	"	0.00800		89.3	80-120	6.46	20	QAL1

Duplicate (P1B1003-DUP1)

Source: 1A19007-05RE1

Prepared: 02/10/21 Analyzed: 02/11/21

Silver	ND	0.00800	mg/L		ND				20	QAL1
Zinc	ND	0.00800	"		ND				20	QAL1
Copper	0.974	0.00800	"		0.951			2.37	20	QAL1
Aluminum	ND	0.00800	"		ND				20	QAL1
Cobalt	ND	0.00800	"		ND				20	QAL1
Barium	2.18	0.00800	"		2.13			2.68	20	QAL1
Nickel	0.0925	0.0080	"		0.0903			2.34	20	QAL1
Lead	0.0809	0.00800	"		0.0779			3.85	20	QAL1
Iron	ND	0.00800	"		ND				20	QAL1
Chromium	0.108	0.00800	"					200	20	QAL1
Cadmium	0.0105	0.00800	"		0.0103			1.93	20	QAL1
Arsenic	0.0431	0.00800	"		0.0404			6.50	20	QAL1
Manganese	ND	0.00800	"		ND				20	QAL1
Selenium	0.0240	0.00800	"		0.0228			5.32	20	QAL1
Molybdenum	ND	0.00800	"		ND				20	QAL1

Permian Basin Environmental Lab, L.P.

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

Total 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
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Batch P1B1003 - * DEFAULT PREP *****

Duplicate (P1B1003-DUP2)		Source: 1A19007-06RE1		Prepared: 02/10/21		Analyzed: 02/11/21				
Manganese	0.265	0.00800	mg/L		0.253			4.58	20	QAL1
Silver	0.264	0.00800	"		0.254			3.76	20	QAL1
Nickel	ND	0.0080	"		ND				20	QAL1
Molybdenum	0.0988	0.00800	"		0.0935			5.57	20	QAL1
Arsenic	ND	0.00800	"		ND				20	QAL1
Chromium	ND	0.00800	"						20	QAL1
Cobalt	ND	0.00800	"		ND				20	QAL1
Cadmium	ND	0.00800	"		ND				20	QAL1
Lead	ND	0.00800	"		ND				20	QAL1
Copper	ND	0.00800	"		ND				20	QAL1
Iron	1.55	0.00800	"		1.47			4.75	20	QAL1
Zinc	1.53	0.00800	"		1.46			4.43	20	QAL1
Aluminum	0.215	0.00800	"		0.203			5.54	20	QAL1
Selenium	ND	0.00800	"		ND				20	QAL1
Barium	ND	0.00800	"		ND				20	QAL1

Duplicate (P1B1003-DUP3)		Source: 1A19008-02RE1		Prepared: 02/10/21		Analyzed: 02/11/21				
Cobalt	0.485	0.00800	mg/L		0.492			1.53	20	QAL1
Silver	0.452	0.00800	"					200	20	QAL1
Selenium	0.686	0.00800	"		0.695			1.25	20	QAL1
Copper	0.329	0.00800	"					200	20	QAL1
Lead	0.577	0.00800	"		0.588			1.84	20	QAL1
Cadmium	0.526	0.00800	"					200	20	QAL1
Arsenic	0.811	0.00800	"		0.825			1.74	20	QAL1
Nickel	0.665	0.0080	"		0.679			2.16	20	QAL1
Molybdenum	0.119	0.00800	"		0.123			3.28	20	QAL1
Aluminum	2.16	0.00800	"		2.20			1.51	20	QAL1
Barium	1.53	0.00800	"		1.54			0.873	20	QAL1
Chromium	0.728	0.00800	"					200	20	QAL1
Manganese	1.60	0.00800	"		1.63			1.62	20	QAL1
Iron	0.508	0.00800	"		0.513			0.934	20	QAL1
Zinc	1.60	0.00800	"		1.64			2.30	20	QAL1

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

Total 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 P1B1003 - * DEFAULT PREP *****

Duplicate (P1B1003-DUP4)		Source: 1A19008-03RE1		Prepared: 02/10/21		Analyzed: 02/11/21				
Cobalt	ND	0.00800	mg/L		ND			20		QAL1
Nickel	ND	0.0080	"		ND			20		QAL1
Barium	ND	0.00800	"		ND			20		QAL1
Lead	ND	0.00800	"		ND			20		QAL1
Zinc	ND	0.00800	"		ND			20		QAL1
Silver	ND	0.00800	"		ND			20		QAL1
Copper	ND	0.00800	"		ND			20		QAL1
Iron	ND	0.00800	"		ND			20		QAL1
Selenium	ND	0.00800	"		ND			20		QAL1
Molybdenum	ND	0.00800	"		ND			20		QAL1
Cadmium	ND	0.00800	"		ND			20		QAL1
Arsenic	ND	0.00800	"		ND			20		QAL1
Chromium	ND	0.00800	"		ND			20		QAL1
Aluminum	ND	0.00800	"		ND			20		QAL1
Manganese	ND	0.00800	"		ND			20		QAL1

Matrix Spike (P1B1003-MS1)		Source: 1A28001-01		Prepared: 02/10/21		Analyzed: 02/11/21				
Zinc	0.0395	0.00800	mg/L	0.0200	0.0191	102	75-125			QAL1
Manganese	0.143	0.00800	"	0.0200	0.123	102	75-125			QAL1
Molybdenum	ND	0.00800	"	0.0160	ND		70-130			QAL1, QM-07
Selenium	0.0134	0.00800	"	0.0160	ND	83.9	75-125			QAL1
Lead	0.0365	0.00800	"	0.0200	0.0150	107	75-125			QAL1
Nickel	ND	0.0080	"	0.0200	ND		75-125			QAL1, QM-07
Iron	0.176	0.00800	"	0.160	0.133	27.0	75-125			QAL1, QM-07
Copper	0.0150	0.00800	"	0.00800	ND	188	75-125			QAL1
Chromium	0.00902	0.00800	"	0.0160	ND	56.4	75-125			QAL1, QM-07
Cobalt	0.00910	0.00800	"	0.00800	ND	114	75-125			QAL1
Barium	0.297	0.00800	"	0.0400	0.260	90.9	75-125			QAL1
Arsenic	0.0122	0.00800	"	0.00800	ND	153	75-125			QAL1
Aluminum	0.0350	0.00800	"	0.0400	ND	87.4	75-125			QAL1
Silver	ND	0.00800	"	0.0160	ND		75-125			QAL1, QM-07
Cadmium	0.00961	0.00800	"	0.00800	ND	120	75-125			QAL1

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

Total 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
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Batch P1B1003 - * DEFAULT PREP *****

Matrix Spike Dup (P1B1003-MSD1)		Source: 1A28001-01		Prepared: 02/10/21		Analyzed: 02/11/21				
Selenium	0.0109	0.00800	mg/L	0.0160	ND	68.0	75-125	20.9	20	QAL1
Silver	ND	0.00800	"	0.0160	ND		75-125		20	QAL1, QM-07
Aluminum	0.0364	0.00800	"	0.0400	ND	91.0	75-125	3.97	20	QAL1
Chromium	0.00950	0.00800	"	0.0160	ND	59.4	75-125	5.13	20	QAL1, QM-07
Zinc	0.0398	0.00800	"	0.0200	0.0191	103	75-125	0.636	20	QAL1
Arsenic	0.0128	0.00800	"	0.00800	ND	160	75-125	4.37	20	QAL1
Iron	0.180	0.00800	"	0.160	0.133	29.5	75-125	2.17	20	QAL1, QM-07
Barium	0.299	0.00800	"	0.0400	0.260	96.1	75-125	0.701	20	QAL1
Copper	0.0147	0.00800	"	0.00800	ND	184	75-125	2.02	20	QAL1
Cobalt	0.00871	0.00800	"	0.00800	ND	109	75-125	4.36	20	QAL1
Nickel	ND	0.0080	"	0.0200	ND		75-125		20	QAL1, QM-07
Lead	0.0380	0.00800	"	0.0200	0.0150	115	75-125	4.06	20	QAL1
Manganese	0.145	0.00800	"	0.0200	0.123	111	75-125	1.24	20	QAL1
Molybdenum	ND	0.00800	"	0.0160	ND		70-130		20	QAL1, QM-07
Cadmium	0.00948	0.00800	"	0.00800	ND	118	75-125	1.37	20	QAL1

Reference (P1B1003-SRM1)		Prepared: 02/10/21		Analyzed: 02/11/21						
Lead	0.0834		mg/L	0.0710		117	80-120			QAL1
Copper	1.59		"	1.74		91.1	80-120			QAL1
Nickel	0.0466		"	0.0440		106	80-120			QAL1
Cadmium	0.0215		"	0.0181		119	80-120			QAL1
Selenium	0.0867		"	0.0842		103	80-120			QAL1
Barium	0.760		"	0.810		93.8	80-120			QAL1
Arsenic	0.0301		"	0.0302		99.8	80-120			QAL1
Chromium	0.173		"	0.154		112	80-120			QAL1

Reference (P1B1003-SRM2)		Prepared: 02/10/21		Analyzed: 02/11/21						
Silver	0.176		mg/L	0.164		107	80-120			QAL1
Molybdenum	0.0696		"	0.0700		99.5	80-120			QAL1
Iron	1.29		"	1.27		102	80-120			QAL1
Manganese	0.591		"	0.549		108	80-120			QAL1
Aluminum	0.452		"	0.522		86.5	80-120			QAL1
Zinc	0.322		"	0.319		101	80-120			QAL1

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

Total 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
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Batch P1B1003 - * DEFAULT PREP *****

Reference (P1B1003-SRM3)				Prepared: 02/10/21		Analyzed: 02/11/21				
Lead	0.341		mg/L	0.300	114	80-120				QAL1
Iron	1.74		"	1.70	103	80-120				QAL1
Arsenic	0.187		"	0.190	98.5	75-125				QAL1
Nickel	0.896		"	0.860	104	80-120				QAL1
Cadmium	0.857		"	0.775	111	60-140				QAL1
Molybdenum	0.540		"	0.500	108	80-120				QAL1
Zinc	1.77		"	1.76	100	80-120				QAL1
Barium	1.50		"	1.60	93.5	72-127				QAL1
Manganese	0.832		"	0.770	108	80-120				QAL1
Copper	0.397		"	0.430	92.2	63-137				QAL1
Cobalt	0.505		"	0.440	115	74-126				QAL1
Chromium	0.194		"	0.170	114	63-136				QAL1
Selenium	0.569		"	0.550	104	80-120				QAL1
Silver	0.982		"	0.790	124	80-120				QAL1
Aluminum	2.27		"	2.53	89.6	60-140				QAL1

Batch P1B1602 - General Preparation (Metals)

Blank (P1B1602-BLK1)				Prepared: 02/16/21		Analyzed: 02/18/21				
Mercury	ND	0.250	ug/l							
LCS (P1B1602-BS1)				Prepared: 02/16/21		Analyzed: 02/18/21				
Mercury	1.87	0.250	ug/l	2.00	93.5	80-120				
LCS Dup (P1B1602-BSD1)				Prepared: 02/16/21		Analyzed: 02/18/21				
Mercury	1.84	0.250	ug/l	2.00	92.0	80-120	1.62	20		

Permian Basin Environmental Lab, L.P.

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10 Desta Dr STE 150E
Midland TX, 79705

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

Total 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
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Batch P1B1602 - General Preparation (Metals)

Calibration Blank (P1B1602-CCB1)

Prepared: 02/16/21 Analyzed: 02/18/21

Mercury	-0.0400		ug/l							
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Calibration Blank (P1B1602-CCB2)

Prepared: 02/16/21 Analyzed: 02/18/21

Mercury	-0.0300		ug/l							
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Calibration Check (P1B1602-CCV1)

Prepared: 02/16/21 Analyzed: 02/18/21

Mercury	0.750	0.250	ug/l	0.800		93.8	90-110			
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Calibration Check (P1B1602-CCV2)

Prepared: 02/16/21 Analyzed: 02/18/21

Mercury	0.740	0.250	ug/l	0.800		92.5	90-110			
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Matrix Spike (P1B1602-MS1)

Source: 1A28001-01

Prepared: 02/16/21 Analyzed: 02/18/21

Mercury	0.940	0.250	ug/l	0.800	ND	118	75-125			
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Matrix Spike Dup (P1B1602-MSD1)

Source: 1A28001-01

Prepared: 02/16/21 Analyzed: 02/18/21

Mercury	0.990	0.250	ug/l	0.800	ND	124	75-125	5.18	20	
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Batch P1B1907 - * DEFAULT PREP *****

Blank (P1B1907-BLK1)

Prepared: 02/12/21 Analyzed: 02/16/21

Boron	ND	0.00800	mg/L							QAL1
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LCS (P1B1907-BS1)

Prepared: 02/12/21 Analyzed: 02/16/21

Boron	0.0383	0.00800	mg/L	0.0400		95.8	80-120			QAL1
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LCS Dup (P1B1907-BSD1)

Prepared: 02/12/21 Analyzed: 02/16/21

Boron	0.0394	0.00800	mg/L	0.0400		98.4	80-120	2.62	20	QAL1
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Permian Basin Environmental Lab, L.P.

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10 Desta Dr STE 150E
Midland TX, 79705

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

Total 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
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Batch P1B1907 - * DEFAULT PREP *****

Matrix Spike (P1B1907-MS1)

Source: 1A28001-01RE2

Prepared: 02/12/21 Analyzed: 02/16/21

Boron	0.159	0.00800	mg/L	0.0400	0.137	55.5	75-125			QAL1
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Matrix Spike Dup (P1B1907-MSD1)

Source: 1A28001-01RE2

Prepared: 02/12/21 Analyzed: 02/16/21

Boron	0.158	0.00800	mg/L	0.0400	0.137	53.5	75-125	0.499	20	QAL1
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Reference (P1B1907-SRM2)

Prepared: 02/12/21 Analyzed: 02/16/21

Boron	1.36		mg/L	1.37		99.5	80-120			QAL1
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Project: 97-04
Project Number: TNM 97-04
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.

QAL1 The Laboratory is not TNI Certified for this analyte or analysis.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

3/2/2021

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.

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PBBLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-661-4184

Page 1 of 1

Project Manager: Curt Stanley

Project Name: TNM: 97-04

Company Name: TRC Environmental Corporation

Project #: TNM: 97-04

Company Address: 10 Destia Drive Suite 150E

Project Loc: Lea County, NM

City/State/Zip: Midland/TX/79705

PO #:

Telephone No: (432) 520-7720

Fax No:

Report Format:

☒ Standard☐ TRRP☐ NPDESSampler Signature: 

e-mail: cdstanley@trcsolutions.com

(lab use only)

ORDER #: 1A 28001

cdstanley@trcsolutions.com
clbrvant@paalp.com
algroves@paalp.com
sstanley@trcsolutions.com

Preservation & # of Containers

Matrix

Analyze For:

TCLP:
TOTAL:

LAB # (lab use only)

FIELD CODE

Post-Metals

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

Total: Al, B, Co, Cu, Fe, Mn, Mo

Total: Ni, As, Ba, Cd, Cr, Hg, Pb

Total: Se, Ag, Zn

Anions (Cl, SO₄, Alkalinity)

SAR / ESP / CEC

RCRA 8 Metals (TCLP)

Volatiles

Semivolatiles

BTEX 8021B/5030 or BTEX 8260

RCI

N.O.R.M.

Chlorides E 300

Paint Filter

TCLP BTEX

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

Standard TAT

Special Instructions:

Bill to Plains

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers intact?

VOCs Free of Headspace?

Labels on containers (s)?

Custody seals on containers (s)?

Sample Hand Delivered by Sampler/Client Rep.?

Temperature Upon Receipt:

Received: 3.5 °C

Adjusted: 1 °C Factor



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



Analytical Report

Prepared for:

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

Project: 97-04
Project Number: TNM 97-04
Location: Lea County, NM
Lab Order Number: 1C24014



NELAP/TCEQ # T104704516-17-8

Report Date: 04/13/21

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-13	1C24014-01	Water	03/23/21 13:45	03-24-2021 16:29
MW-18	1C24014-02	Water	03/23/21 13:15	03-24-2021 16:29
MW-15	1C24014-03	Water	03/23/21 14:07	03-24-2021 16:29
MW-14	1C24014-04	Water	03/23/21 14:40	03-24-2021 16:29

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW-13

1C24014-01 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1C2913	03/29/21	04/05/21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1C2913	03/29/21	04/05/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1C2913	03/29/21	04/05/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1C2913	03/29/21	04/05/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1C2913	03/29/21	04/05/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-120		P1C2913	03/29/21	04/05/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P1C2913	03/29/21	04/05/21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW-18

1C24014-02 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1C2913	03/29/21	04/05/21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1C2913	03/29/21	04/05/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1C2913	03/29/21	04/05/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1C2913	03/29/21	04/05/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1C2913	03/29/21	04/05/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		106 %	80-120		P1C2913	03/29/21	04/05/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		107 %	80-120		P1C2913	03/29/21	04/05/21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW-15

1C24014-03 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1C2913	03/29/21	04/05/21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1C2913	03/29/21	04/05/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1C2913	03/29/21	04/05/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1C2913	03/29/21	04/05/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1C2913	03/29/21	04/05/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1C2913	03/29/21	04/05/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1C2913	03/29/21	04/05/21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW-14

1C24014-04 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1C2913	03/29/21	04/05/21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1C2913	03/29/21	04/05/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1C2913	03/29/21	04/05/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1C2913	03/29/21	04/05/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1C2913	03/29/21	04/05/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1C2913	03/29/21	04/05/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1C2913	03/29/21	04/05/21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
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Midland TX, 79705

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P1C2913 - * DEFAULT PREP *****

Blank (P1C2913-BLK1)

Prepared: 03/29/21 Analyzed: 04/05/21

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	0.133		"	0.120		111	80-120			
Surrogate: 1,4-Difluorobenzene	0.128		"	0.120		106	80-120			

LCS (P1C2913-BS1)

Prepared: 03/29/21 Analyzed: 04/05/21

Benzene	0.113	0.00100	mg/L	0.100		113	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.0900	0.00100	"	0.100		90.0	80-120			
Xylene (p/m)	0.194	0.00200	"	0.200		96.8	80-120			
Xylene (o)	0.0941	0.00100	"	0.100		94.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

LCS Dup (P1C2913-BS1)

Prepared: 03/29/21 Analyzed: 04/05/21

Benzene	0.0982	0.00100	mg/L	0.100		98.2	80-120	14.1	20	
Toluene	0.0941	0.00100	"	0.100		94.1	80-120	13.7	20	
Ethylbenzene	0.0800	0.00100	"	0.100		80.0	80-120	11.7	20	
Xylene (p/m)	0.171	0.00200	"	0.200		85.6	80-120	12.4	20	
Xylene (o)	0.0835	0.00100	"	0.100		83.5	80-120	11.9	20	
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.8	80-120			

Calibration Blank (P1C2913-CCB1)

Prepared: 03/29/21 Analyzed: 04/05/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Permian Basin Environmental Lab, L.P.

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Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P1C2913 - * DEFAULT PREP *****

Calibration Blank (P1C2913-CCB2)

Prepared: 03/29/21 Analyzed: 04/05/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.127		"	0.120		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Calibration Check (P1C2913-CCV1)

Prepared: 03/29/21 Analyzed: 04/05/21

Benzene	0.103	0.00100	mg/L				80-120			
Toluene	0.0973	0.00100	"				80-120			
Ethylbenzene	0.0963	0.00100	"				80-120			
Xylene (p/m)	0.194	0.00200	"				80-120			
Xylene (o)	0.0893	0.00100	"				80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

Calibration Check (P1C2913-CCV2)

Prepared: 03/29/21 Analyzed: 04/05/21

Benzene	0.0874	0.00100	mg/L				80-120			
Toluene	0.0807	0.00100	"				80-120			
Ethylbenzene	0.0802	0.00100	"				80-120			
Xylene (p/m)	0.167	0.00200	"				80-120			
Xylene (o)	0.0801	0.00100	"				80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Calibration Check (P1C2913-CCV3)

Prepared: 03/29/21 Analyzed: 04/06/21

Benzene	0.0942	0.00100	mg/L				80-120			
Toluene	0.0892	0.00100	"				80-120			
Ethylbenzene	0.0861	0.00100	"				80-120			
Xylene (p/m)	0.177	0.00200	"				80-120			
Xylene (o)	0.0845	0.00100	"				80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P1C2913 - * DEFAULT PREP *****

Matrix Spike (P1C2913-MS1)		Source: 1C24003-08		Prepared: 03/29/21		Analyzed: 04/06/21				
Benzene	0.100	0.00100	mg/L	0.100	ND	100	80-120			
Toluene	0.0944	0.00100	"	0.100	ND	94.4	80-120			
Ethylbenzene	0.0831	0.00100	"	0.100	ND	83.1	80-120			
Xylene (p/m)	0.181	0.00200	"	0.200	ND	90.3	80-120			
Xylene (o)	0.0868	0.00100	"	0.100	ND	86.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

Matrix Spike Dup (P1C2913-MSD1)		Source: 1C24003-08		Prepared: 03/29/21		Analyzed: 04/06/21				
Benzene	0.104	0.00100	mg/L	0.100	ND	104	80-120	3.70	20	
Toluene	0.0991	0.00100	"	0.100	ND	99.1	80-120	4.90	20	
Ethylbenzene	0.0860	0.00100	"	0.100	ND	86.0	80-120	3.41	20	
Xylene (p/m)	0.187	0.00200	"	0.200	ND	93.6	80-120	3.59	20	
Xylene (o)	0.0898	0.00100	"	0.100	ND	89.8	80-120	3.42	20	
Surrogate: 4-Bromofluorobenzene	0.128		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		103	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Fax: (432) 520-7701

Notes and Definitions

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

Report Approved By:



Date:

4/13/2021

Brent Barron, Laboratory Director/Technical Director

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

Permian Basin Environmental Lab, L.P.

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

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



Analytical Report

Prepared for:

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

Project: TNM 9704 Townsend

Project Number: [none]

Location: None Given

Lab Order Number: 1F09002



Current Certification

Report Date: 06/15/21

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

Project: TNM 9704 Townsend
Project Number: [none]
Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-13	1F09002-01	Water	06/04/21 13:35	06-09-2021 08:54
MW-18	1F09002-02	Water	06/04/21 14:19	06-09-2021 08:54
MW-15	1F09002-03	Water	06/04/21 14:42	06-09-2021 08:54
MW-14	1F09002-04	Water	06/04/21 15:11	06-09-2021 08:54

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

Project: TNM 9704 Townsend
Project Number: [none]
Project Manager: Curt Stanley

MW-13**1F09002-01 (Water)**

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

Benzene	ND	0.00100	mg/L	1	P1F1110	06/11/21 13:57	06/12/21 05:07	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F1110	06/11/21 13:57	06/12/21 05:07	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F1110	06/11/21 13:57	06/12/21 05:07	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F1110	06/11/21 13:57	06/12/21 05:07	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F1110	06/11/21 13:57	06/12/21 05:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.8 %		80-120		P1F1110	06/11/21 13:57	06/12/21 05:07	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.3 %		80-120		P1F1110	06/11/21 13:57	06/12/21 05:07	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

Project: TNM 9704 Townsend
Project Number: [none]
Project Manager: Curt Stanley

MW-18**1F09002-02 (Water)**

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

Benzene	ND	0.00100	mg/L	1	P1F1110	06/11/21 13:57	06/12/21 05:28	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F1110	06/11/21 13:57	06/12/21 05:28	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F1110	06/11/21 13:57	06/12/21 05:28	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F1110	06/11/21 13:57	06/12/21 05:28	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F1110	06/11/21 13:57	06/12/21 05:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.4 %		80-120		P1F1110	06/11/21 13:57	06/12/21 05:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.7 %		80-120		P1F1110	06/11/21 13:57	06/12/21 05:28	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: TNM 9704 Townsend
Project Number: [none]
Project Manager: Curt Stanley

MW-15**1F09002-03 (Water)**

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

Benzene	ND	0.00100	mg/L	1	P1F1110	06/11/21 13:57	06/12/21 05:48	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F1110	06/11/21 13:57	06/12/21 05:48	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F1110	06/11/21 13:57	06/12/21 05:48	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F1110	06/11/21 13:57	06/12/21 05:48	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F1110	06/11/21 13:57	06/12/21 05:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.5 %		80-120		P1F1110	06/11/21 13:57	06/12/21 05:48	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.8 %		80-120		P1F1110	06/11/21 13:57	06/12/21 05:48	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: TNM 9704 Townsend
Project Number: [none]
Project Manager: Curt Stanley

MW-14**1F09002-04 (Water)**

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

Benzene	ND	0.00100	mg/L	1	P1F1110	06/11/21 13:57	06/12/21 06:09	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F1110	06/11/21 13:57	06/12/21 06:09	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F1110	06/11/21 13:57	06/12/21 06:09	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F1110	06/11/21 13:57	06/12/21 06:09	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F1110	06/11/21 13:57	06/12/21 06:09	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.9 %		80-120		P1F1110	06/11/21 13:57	06/12/21 06:09	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.8 %		80-120		P1F1110	06/11/21 13:57	06/12/21 06:09	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

Project: TNM 9704 Townsend
Project Number: [none]
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
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Batch P1F1110 - * DEFAULT PREP *****

Blank (P1F1110-BLK1)										
					Prepared: 06/11/21 Analyzed: 06/12/21					
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	0.115		"	0.120		96.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.8	80-120			

LCS (P1F1110-BS1)										
					Prepared: 06/11/21 Analyzed: 06/12/21					
Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120			
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120			
Xylene (o)	0.0978	0.00100	"	0.100		97.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

LCS Dup (P1F1110-BS1)										
					Prepared: 06/11/21 Analyzed: 06/12/21					
Benzene	0.107	0.00100	mg/L	0.100		107	80-120	0.554	20	
Toluene	0.106	0.00100	"	0.100		106	80-120	1.59	20	
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120	2.05	20	
Xylene (p/m)	0.216	0.00200	"	0.200		108	80-120	0.998	20	
Xylene (o)	0.0996	0.00100	"	0.100		99.6	80-120	1.82	20	
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Calibration Blank (P1F1110-CCB1)										
					Prepared: 06/11/21 Analyzed: 06/12/21					
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.8	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: TNM 9704 Townsend
Project Number: [none]
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
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Batch P1F1110 - * DEFAULT PREP *****

Calibration Blank (P1F1110-CCB2)

Prepared: 06/11/21 Analyzed: 06/12/21

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		94.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.0	80-120			

Calibration Blank (P1F1110-CCB3)

Prepared: 06/11/21 Analyzed: 06/12/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.1	80-120			

Calibration Check (P1F1110-CCV1)

Prepared: 06/11/21 Analyzed: 06/12/21

Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.207	0.00200	"	0.200		103	80-120			
Xylene (o)	0.0957	0.00100	"	0.100		95.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.135		"	0.120		112	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Calibration Check (P1F1110-CCV2)

Prepared: 06/11/21 Analyzed: 06/12/21

Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		106	80-120			
Xylene (o)	0.0980	0.00100	"	0.100		98.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: TNM 9704 Townsend
Project Number: [none]
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
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Batch P1F1110 - * DEFAULT PREP *****

Calibration Check (P1F1110-CCV3)

Prepared: 06/11/21 Analyzed: 06/12/21

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.212	0.00200	"	0.200		106	80-120			
Xylene (o)	0.0986	0.00100	"	0.100		98.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Matrix Spike (P1F1110-MS1)

Source: 1F08005-01

Prepared: 06/11/21 Analyzed: 06/12/21

Benzene	0.108	0.00100	mg/L	0.100	ND	108	80-120			
Toluene	0.107	0.00100	"	0.100	ND	107	80-120			
Ethylbenzene	0.114	0.00100	"	0.100	ND	114	80-120			
Xylene (p/m)	0.216	0.00200	"	0.200	ND	108	80-120			
Xylene (o)	0.100	0.00100	"	0.100	ND	100	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Matrix Spike Dup (P1F1110-MSD1)

Source: 1F08005-01

Prepared: 06/11/21 Analyzed: 06/12/21

Benzene	0.111	0.00100	mg/L	0.100	ND	111	80-120	2.58	20	
Toluene	0.110	0.00100	"	0.100	ND	110	80-120	2.61	20	
Ethylbenzene	0.117	0.00100	"	0.100	ND	117	80-120	2.21	20	
Xylene (p/m)	0.219	0.00200	"	0.200	ND	109	80-120	1.19	20	
Xylene (o)	0.103	0.00100	"	0.100	ND	103	80-120	2.78	20	
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: TNM 9704 Townsend
Project Number: [none]
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:



Date:

6/15/2021

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.

Permian Basin Environmental Lab, L.P.

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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

Project Name:

Townsend

Company Name

TRC

Project #:

Company Address:

10 Dosta Dr

Project Loc:

City/State/Zip:

Midland TX 79705

PO #:

Telephone No:

432 520-7720

Report Format:

☒ Standard

☐ TRRP

☐ NPDES

Sampler Signature:

[Signature]

e-mail:

(lab use only)

ORDER #: 1F09002

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH by TX 1005 8015B 8015M

Chloride

BTEX by 8021B

Preservation & # of Containers

Matrix

Analyze For:

TCLP:

TOTAL:

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

Standard TAT

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers Intact?

VOCS Free of Headspace?

Labels on container(s)?

Custody seals on container(s)?

Custody seals on cooler(s)?

Sample Hand Delivered

by Courier?

by Sampler/Client Rep.?

UPS

DHL

Temperature Upon Receipt:

Adjusted:

°C Factor

N

N

N

N

N

N

N

N

N

N

N

N

N

N

N

N

N

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



Analytical Report

Prepared for:

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

Project: TNM 9704 Townsend

Project Number: [none]

Location: New Mexico

Lab Order Number: 1J06001



Current Certification

Report Date: 10/15/21

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

Project: TNM 9704 Townsend
Project Number: [none]
Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-13	1J06001-01	Water	09/30/21 13:21	10-06-2021 08:17
MW-18	1J06001-02	Water	09/30/21 13:45	10-06-2021 08:17
MW-15	1J06001-03	Water	09/30/21 14:03	10-06-2021 08:17
MW-14	1J06001-04	Water	09/30/21 14:27	10-06-2021 08:17

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

Project: TNM 9704 Townsend
Project Number: [none]
Project Manager: Curt Stanley

MW-13
1J06001-01 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1J1209	10/12/21 14:55	10/12/21 17:45	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1J1209	10/12/21 14:55	10/12/21 17:45	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1J1209	10/12/21 14:55	10/12/21 17:45	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1J1209	10/12/21 14:55	10/12/21 17:45	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1J1209	10/12/21 14:55	10/12/21 17:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	102 %		80-120		P1J1209	10/12/21 14:55	10/12/21 17:45	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P1J1209	10/12/21 14:55	10/12/21 17:45	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

Project: TNM 9704 Townsend
Project Number: [none]
Project Manager: Curt Stanley

MW-18**1J06001-02 (Water)**

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

Benzene	ND	0.00100	mg/L	1	P1J1209	10/12/21 14:55	10/12/21 18:07	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1J1209	10/12/21 14:55	10/12/21 18:07	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1J1209	10/12/21 14:55	10/12/21 18:07	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1J1209	10/12/21 14:55	10/12/21 18:07	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1J1209	10/12/21 14:55	10/12/21 18:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	101 %		80-120		P1J1209	10/12/21 14:55	10/12/21 18:07	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P1J1209	10/12/21 14:55	10/12/21 18:07	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

Project: TNM 9704 Townsend
Project Number: [none]
Project Manager: Curt Stanley

MW-15**1J06001-03 (Water)**

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

Benzene	ND	0.00100	mg/L	1	P1J1209	10/12/21 14:55	10/12/21 18:28	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1J1209	10/12/21 14:55	10/12/21 18:28	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1J1209	10/12/21 14:55	10/12/21 18:28	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1J1209	10/12/21 14:55	10/12/21 18:28	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1J1209	10/12/21 14:55	10/12/21 18:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.9 %		80-120		P1J1209	10/12/21 14:55	10/12/21 18:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	102 %		80-120		P1J1209	10/12/21 14:55	10/12/21 18:28	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

Project: TNM 9704 Townsend
Project Number: [none]
Project Manager: Curt Stanley

MW-14**1J06001-04 (Water)**

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

Benzene	ND	0.00100	mg/L	1	P1J1209	10/12/21 14:55	10/12/21 18:49	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1J1209	10/12/21 14:55	10/12/21 18:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1J1209	10/12/21 14:55	10/12/21 18:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1J1209	10/12/21 14:55	10/12/21 18:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1J1209	10/12/21 14:55	10/12/21 18:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	100 %		80-120		P1J1209	10/12/21 14:55	10/12/21 18:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P1J1209	10/12/21 14:55	10/12/21 18:49	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

Project: TNM 9704 Townsend
Project Number: [none]
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
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Batch P1J1209 - * DEFAULT PREP *****

Blank (P1J1209-BLK1)		Prepared & Analyzed: 10/12/21								
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	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

LCS (P1J1209-BS1)		Prepared & Analyzed: 10/12/21								
Benzene	0.111	0.00100	mg/L	0.100		111	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.195	0.00200	"	0.200		97.6	80-120			
Xylene (o)	0.0956	0.00100	"	0.100		95.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		93.8	80-120			

LCS Dup (P1J1209-BSD1)		Prepared & Analyzed: 10/12/21								
Benzene	0.115	0.00100	mg/L	0.100		115	80-120	3.67	20	
Toluene	0.116	0.00100	"	0.100		116	80-120	4.15	20	
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120	3.40	20	
Xylene (p/m)	0.201	0.00200	"	0.200		100	80-120	2.88	20	
Xylene (o)	0.100	0.00100	"	0.100		100	80-120	4.97	20	
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.1	80-120			

Calibration Blank (P1J1209-CCB1)		Prepared & Analyzed: 10/12/21								
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: TNM 9704 Townsend
Project Number: [none]
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
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Batch P1J1209 - * DEFAULT PREP *****

Calibration Blank (P1J1209-CCB2)

Prepared & Analyzed: 10/12/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.310		"							
Xylene (p/m)	0.770		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		103	80-120			

Calibration Check (P1J1209-CCV1)

Prepared & Analyzed: 10/12/21

Benzene	0.110	0.00100	mg/L	0.100		110	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.209	0.00200	"	0.200		105	80-120			
Xylene (o)	0.0993	0.00100	"	0.100		99.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.3	80-120			

Calibration Check (P1J1209-CCV2)

Prepared & Analyzed: 10/12/21

Benzene	0.109	0.00100	mg/L	0.100		109	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200		102	80-120			
Xylene (o)	0.0973	0.00100	"	0.100		97.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.0	80-120			

Matrix Spike (P1J1209-MS1)

Source: 1J06001-01

Prepared & Analyzed: 10/12/21

Benzene	0.118	0.00100	mg/L	0.100	ND	118	80-120			
Toluene	0.118	0.00100	"	0.100	ND	118	80-120			
Ethylbenzene	0.111	0.00100	"	0.100	ND	111	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200	ND	104	80-120			
Xylene (o)	0.101	0.00100	"	0.100	ND	101	80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.8	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: TNM 9704 Townsend
Project Number: [none]
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
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Batch P1J1209 - * DEFAULT PREP *****

Matrix Spike Dup (P1J1209-MSD1)	Source: 1J06001-01			Prepared & Analyzed: 10/12/21						
Benzene	0.123	0.00100	mg/L	0.100	ND	123	80-120	4.12	20	QM-07
Toluene	0.121	0.00100	"	0.100	ND	121	80-120	2.48	20	QM-07
Ethylbenzene	0.114	0.00100	"	0.100	ND	114	80-120	2.68	20	
Xylene (p/m)	0.214	0.00200	"	0.200	ND	107	80-120	2.65	20	
Xylene (o)	0.105	0.00100	"	0.100	ND	105	80-120	3.17	20	
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.4	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: TNM 9704 Townsend
Project Number: [none]
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:

10/15/2021

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.

Permian Basin Environmental Lab, L.P.

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

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



Analytical Report

Prepared for:

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

Project: 97-04
Project Number: TNM 97-04
Location: Lea County, New Mexico
Lab Order Number: 1L10004



Current Certification

Report Date: 01/17/22

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-10	1L10004-01	Water	12/09/21 09:23	12-10-2021 07:45
MW-12	1L10004-02	Water	12/09/21 09:45	12-10-2021 07:45
MW-7	1L10004-03	Water	12/09/21 10:20	12-10-2021 07:45
MW-16	1L10004-04	Water	12/09/21 10:30	12-10-2021 07:45
MW-11	1L10004-05	Water	12/09/21 11:00	12-10-2021 07:45
MW-13	1L10004-06	Water	12/09/21 11:25	12-10-2021 07:45
MW-18	1L10004-07	Water	12/09/21 11:40	12-10-2021 07:45
MW-15	1L10004-08	Water	12/09/21 11:46	12-10-2021 07:45
MW-14	1L10004-09	Water	12/09/21 12:17	12-10-2021 07:45
MW-6	1L10004-10	Water	12/09/21 13:06	12-10-2021 07:45
MW-4	1L10004-11	Water	12/09/21 12:40	12-10-2021 07:45
MW-2	1L10004-12	Water	12/09/21 13:50	12-10-2021 07:45
MW-3	1L10004-13	Water	12/09/21 14:05	12-10-2021 07:45
MW-5	1L10004-14	Water	12/09/21 15:01	12-10-2021 07:45
MW-9	1L10004-15	Water	12/09/21 16:05	12-10-2021 07:45
RW-1	1L10004-16	Water	12/09/21 16:30	12-10-2021 07:45
RW-2	1L10004-17	Water	12/09/21 17:00	12-10-2021 07:45
RW-3	1L10004-18	Water	12/09/21 17:15	12-10-2021 07:45
RW-4	1L10004-19	Water	12/09/21 17:30	12-10-2021 07:45

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
10 Desta Dr STE 150E
Midland TX, 79705

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

MW-10
1L10004-01 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/10/21 23:12	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/10/21 23:12	EPA 8021B	
Ethylbenzene	0.00392	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/10/21 23:12	EPA 8021B	
Xylene (p/m)	0.00298	0.00200	mg/L	1	P1L1005	12/10/21 15:15	12/10/21 23:12	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/10/21 23:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.6 %		80-120		P1L1005	12/10/21 15:15	12/10/21 23:12	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.5 %		80-120		P1L1005	12/10/21 15:15	12/10/21 23:12	EPA 8021B	
Methane	0.00253	0.000500	mg/L	1	P2A1202	12/20/21 09:49	12/20/21 09:49	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P2A1202	12/20/21 09:49	12/20/21 09:49	8015M	SUB-13
Ethene	0.00131	0.00100	mg/L	1	P2A1202	12/20/21 09:49	12/20/21 09:49	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	ND	1.10	mg/L	1	P1L0812	12/22/21 16:27	12/22/21 16:27	8000	QAL1
Nitrate as N	8.31	0.200	mg/L	1	P1L1004	12/10/21 13:59	12/10/21 15:34	EPA 300.0	
Sulfate	59.0	1.00	mg/L	1	P1L1004	12/10/21 13:59	12/10/21 15:34	EPA 300.0	
Total Organic Carbon	1.62	1.00	mg/L	1	P2A1202	12/16/21 17:54	12/16/21 17:54	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.105	0.0200	mg/L	1	P1L0902	12/10/21 10:46	12/10/21 12:44	EPA 6010B	QAL1
Manganese	0.0104	0.0200	mg/L	1	P1L0902	12/10/21 10:46	12/10/21 12:44	EPA 6010B	J, QAL1

Permian Basin Environmental Lab, L.P.

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

MW-12**1L10004-02 (Water)**

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

Benzene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/10/21 23:33	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/10/21 23:33	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/10/21 23:33	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L1005	12/10/21 15:15	12/10/21 23:33	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/10/21 23:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.9 %		80-120		P1L1005	12/10/21 15:15	12/10/21 23:33	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.7 %		80-120		P1L1005	12/10/21 15:15	12/10/21 23:33	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

MW-7
1L10004-03 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/10/21 23:54	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/10/21 23:54	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/10/21 23:54	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L1005	12/10/21 15:15	12/10/21 23:54	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/10/21 23:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.5 %		80-120		P1L1005	12/10/21 15:15	12/10/21 23:54	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.5 %		80-120		P1L1005	12/10/21 15:15	12/10/21 23:54	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

MW-16**1L10004-04 (Water)**

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

Benzene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 00:16	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 00:16	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 00:16	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 00:16	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 00:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.2 %		80-120		P1L1005	12/10/21 15:15	12/11/21 00:16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.9 %		80-120		P1L1005	12/10/21 15:15	12/11/21 00:16	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

MW-11
1L10004-05 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 00:37	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 00:37	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 00:37	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 00:37	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 00:37	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.0 %		80-120		P1L1005	12/10/21 15:15	12/11/21 00:37	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.7 %		80-120		P1L1005	12/10/21 15:15	12/11/21 00:37	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

MW-13**1L10004-06 (Water)**

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

Benzene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 00:58	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 00:58	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 00:58	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 00:58	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 00:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.2 %		80-120		P1L1005	12/10/21 15:15	12/11/21 00:58	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.9 %		80-120		P1L1005	12/10/21 15:15	12/11/21 00:58	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

MW-18**1L10004-07 (Water)**

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

Benzene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 01:20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 01:20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 01:20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 01:20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 01:20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	91.7 %		80-120		P1L1005	12/10/21 15:15	12/11/21 01:20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.8 %		80-120		P1L1005	12/10/21 15:15	12/11/21 01:20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

MW-15
1L10004-08 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 01:41	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 01:41	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 01:41	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 01:41	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/11/21 01:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	29.3 %		80-120		P1L1005	12/10/21 15:15	12/11/21 01:41	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	86.7 %		80-120		P1L1005	12/10/21 15:15	12/11/21 01:41	EPA 8021B	
Methane	0.0139	0.000500	mg/L	1	P2A1202	12/20/21 10:02	12/20/21 10:02	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P2A1202	12/20/21 10:02	12/20/21 10:02	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P2A1202	12/20/21 10:02	12/20/21 10:02	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	2.42	0.200	mg/L	1	P1L1004	12/10/21 13:59	12/10/21 16:31	EPA 300.0	
Sulfate	73.7	1.00	mg/L	1	P1L1004	12/10/21 13:59	12/10/21 16:31	EPA 300.0	
Total Organic Carbon	1.26	1.00	mg/L	1	P2A1202	12/16/21 18:09	12/16/21 18:09	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.0325	0.0200	mg/L	1	P1L0902	12/10/21 10:46	12/10/21 12:48	EPA 6010B	QAL1
Manganese	0.0292	0.0200	mg/L	1	P1L0902	12/10/21 10:46	12/10/21 12:48	EPA 6010B	QAL1

Permian Basin Environmental Lab, L.P.

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

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

MW-14
1L10004-09 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 07:55	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 07:55	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 07:55	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 07:55	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 07:55	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	28.6 %		80-120		P1L1005	12/10/21 15:15	12/13/21 07:55	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	88.2 %		80-120		P1L1005	12/10/21 15:15	12/13/21 07:55	EPA 8021B	
Methane	0.0796	0.00250	mg/L	1	P2A1202	12/20/21 10:13	12/20/21 14:20	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P2A1202	12/20/21 10:13	12/20/21 10:13	8015M	SUB-13
Ethene	0.00100	0.00100	mg/L	1	P2A1202	12/20/21 10:13	12/20/21 10:13	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	1.62	0.200	mg/L	1	P1L1004	12/10/21 13:59	12/10/21 16:50	EPA 300.0	
Sulfate	56.2	1.00	mg/L	1	P1L1004	12/10/21 13:59	12/10/21 16:50	EPA 300.0	
Total Organic Carbon	ND	1.00	mg/L	1	P2A1202	12/16/21 20:01	12/16/21 20:01	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.0458	0.0200	mg/L	1	P1L0902	12/10/21 10:46	12/10/21 12:52	EPA 6010B	QAL1
Manganese	0.0727	0.0200	mg/L	1	P1L0902	12/10/21 10:46	12/10/21 12:52	EPA 6010B	QAL1

Permian Basin Environmental Lab, L.P.

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

MW-6
1L10004-10 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 08:49	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 08:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 08:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 08:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 08:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	50.0 %		80-120		P1L1005	12/10/21 15:15	12/13/21 08:49	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	89.6 %		80-120		P1L1005	12/10/21 15:15	12/13/21 08:49	EPA 8021B	
Methane	0.832	0.0250	mg/L	1	P2A1202	12/20/21 10:21	12/20/21 14:28	8015M	SUB-13
Ethane	0.00258	0.00100	mg/L	1	P2A1202	12/20/21 10:21	12/20/21 10:21	8015M	SUB-13
Ethene	0.00364	0.00100	mg/L	1	P2A1202	12/20/21 10:21	12/20/21 10:21	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	0.740	0.200	mg/L	1	P1L1004	12/10/21 13:59	12/10/21 17:09	EPA 300.0	
Sulfate	54.9	1.00	mg/L	1	P1L1004	12/10/21 13:59	12/10/21 17:09	EPA 300.0	
Total Organic Carbon	3.93	1.00	mg/L	1	P2A1202	12/16/21 20:17	12/16/21 20:17	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	2.83	0.0200	mg/L	1	P1L0902	12/10/21 10:46	12/10/21 12:56	EPA 6010B	QAL1
Manganese	0.140	0.0200	mg/L	1	P1L0902	12/10/21 10:46	12/10/21 12:56	EPA 6010B	QAL1

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.0020	0.00011	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 15:56	8270C	SUB-13
2-Methylnaphthalene	ND	0.00011	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 15:56	8270C	SUB-13
Acenaphthene	0.00064	0.00011	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 15:56	8270C	SUB-13
Acenaphthylene	ND	0.00011	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 15:56	8270C	SUB-13
Anthracene	ND	0.00011	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 15:56	8270C	SUB-13
Benzo (a) anthracene	ND	0.00011	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 15:56	8270C	SUB-13
Benzo (a) pyrene	ND	0.00011	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 15:56	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00011	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 15:56	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00011	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 15:56	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00011	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 15:56	8270C	SUB-13
Chrysene	ND	0.00011	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 15:56	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00011	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 15:56	8270C	SUB-13
Dibenzofuran	0.00061	0.00011	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 15:56	8270C	SUB-13
Fluoranthene	ND	0.00011	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 15:56	8270C	SUB-13
Fluorene	0.00055	0.00011	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 15:56	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00011	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 15:56	8270C	SUB-13
Naphthalene	ND	0.00011	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 15:56	8270C	SUB-13
Phenanthrene	0.00021	0.00011	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 15:56	8270C	SUB-13
Pyrene	ND	0.00011	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 15:56	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

MW-4
1L10004-11 (Water)

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

Organics by GC

Benzene	0.0108	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 10:22	EPA 8021B	
Toluene	0.00861	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 10:22	EPA 8021B	
Ethylbenzene	0.0536	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 10:22	EPA 8021B	
Xylene (p/m)	0.153	0.00200	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 10:22	EPA 8021B	
Xylene (o)	0.0495	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 10:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.6 %		80-120		P1L1005	12/10/21 15:15	12/13/21 10:22	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.0 %		80-120		P1L1005	12/10/21 15:15	12/13/21 10:22	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.0085	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 16:45	8270C	SUB-13
2-Methylnaphthalene	0.0043	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 16:45	8270C	SUB-13
Acenaphthene	0.0013	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:16	8270C	SUB-13
Acenaphthylene	0.00015	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:16	8270C	SUB-13
Anthracene	0.00011	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:16	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:16	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:16	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:16	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:16	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:16	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:16	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:16	8270C	SUB-13
Dibenzofuran	0.0028	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:16	8270C	SUB-13
Fluoranthene	0.00011	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:16	8270C	SUB-13
Fluorene	0.0016	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:16	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:16	8270C	SUB-13
Naphthalene	0.0059	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 16:45	8270C	SUB-13
Phenanthrene	0.0031	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/30/21 16:16	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/30/21 16:16	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

MW-2
1L10004-12 (Water)

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

Organics by GC

Benzene	0.224	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 10:43	EPA 8021B	
Toluene	0.00297	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 10:43	EPA 8021B	
Ethylbenzene	0.116	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 10:43	EPA 8021B	
Xylene (p/m)	0.350	0.00200	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 10:43	EPA 8021B	
Xylene (o)	0.135	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 10:43	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.7 %		80-120		P1L1005	12/10/21 15:15	12/13/21 10:43	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.1 %		80-120		P1L1005	12/10/21 15:15	12/13/21 10:43	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.011	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 17:05	8270C	SUB-13
2-Methylnaphthalene	0.0080	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 17:05	8270C	SUB-13
Acenaphthene	0.0024	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:37	8270C	SUB-13
Acenaphthylene	0.00030	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:37	8270C	SUB-13
Anthracene	0.00020	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:37	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:37	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:37	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:37	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:37	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:37	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:37	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:37	8270C	SUB-13
Dibenzofuran	0.0035	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:37	8270C	SUB-13
Fluoranthene	0.00026	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:37	8270C	SUB-13
Fluorene	0.0024	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:37	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:37	8270C	SUB-13
Naphthalene	0.010	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 17:05	8270C	SUB-13
Phenanthrene	0.0043	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:37	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:37	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

MW-3
1L10004-13 (Water)

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

Organics by GC

Benzene	0.784	0.00500	mg/L	5	P1L1005	12/10/21 15:15	12/13/21 15:41	EPA 8021B	
Toluene	0.00235	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 11:04	EPA 8021B	
Ethylbenzene	0.217	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 11:04	EPA 8021B	
Xylene (p/m)	0.368	0.00200	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 11:04	EPA 8021B	
Xylene (o)	0.00215	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 11:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.0 %		80-120		P1L1005	12/10/21 15:15	12/13/21 11:04	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.9 %		80-120		P1L1005	12/10/21 15:15	12/13/21 11:04	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.019	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 17:26	8270C	SUB-13
2-Methylnaphthalene	0.0071	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 17:26	8270C	SUB-13
Acenaphthene	0.00088	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:57	8270C	SUB-13
Acenaphthylene	0.00014	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:57	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:57	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:57	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:57	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:57	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:57	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:57	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:57	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:57	8270C	SUB-13
Dibenzofuran	0.0022	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:57	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:57	8270C	SUB-13
Fluorene	0.0018	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:57	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:57	8270C	SUB-13
Naphthalene	0.015	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 17:26	8270C	SUB-13
Phenanthrene	0.0018	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:57	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 16:57	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

MW-5
1L10004-14 (Water)

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

Organics by GC

Benzene	8.13	0.100	mg/L	100	P1L1005	12/10/21 15:15	12/13/21 17:49	EPA 8021B	
Toluene	2.12	0.100	mg/L	100	P1L1005	12/10/21 15:15	12/13/21 17:49	EPA 8021B	
Ethylbenzene	0.643	0.100	mg/L	100	P1L1005	12/10/21 15:15	12/13/21 17:49	EPA 8021B	
Xylene (p/m)	0.891	0.200	mg/L	100	P1L1005	12/10/21 15:15	12/13/21 17:49	EPA 8021B	
Xylene (o)	0.347	0.100	mg/L	100	P1L1005	12/10/21 15:15	12/13/21 17:49	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>95.3 %</i>				<i>P1L1005</i>	<i>12/10/21 15:15</i>	<i>12/13/21 17:49</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>98.4 %</i>				<i>P1L1005</i>	<i>12/10/21 15:15</i>	<i>12/13/21 17:49</i>	<i>EPA 8021B</i>	
Methane	5.97	0.200	mg/L	1	P2A1202	12/20/21 10:30	12/20/21 14:40	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P2A1202	12/20/21 10:30	12/20/21 10:30	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P2A1202	12/20/21 10:30	12/20/21 10:30	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	5.00	1.10	mg/L	1	P1L2201	12/22/21 16:50	12/22/21 16:50	8000	QAL1
Nitrate as N	0.567	0.200	mg/L	1	P1L1004	12/10/21 13:59	12/10/21 17:28	EPA 300.0	
Sulfate	23.6	1.00	mg/L	1	P1L1004	12/10/21 13:59	12/10/21 17:28	EPA 300.0	
Total Organic Carbon	4.89	1.00	mg/L	1	P2A1202	12/16/21 11:41	12/16/21 20:23	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.940	0.0200	mg/L	1	P1L0902	12/10/21 10:46	12/10/21 13:08	EPA 6010B	QAL1
Manganese	0.216	0.0200	mg/L	1	P1L0902	12/10/21 10:46	12/10/21 13:08	EPA 6010B	QAL1

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.037	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 17:46	8270C	SUB-13
2-Methylnaphthalene	0.016	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 17:46	8270C	SUB-13
Acenaphthene	0.0011	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:17	8270C	SUB-13
Acenaphthylene	0.00015	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:17	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:17	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:17	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:17	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:17	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:17	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:17	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:17	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:17	8270C	SUB-13
Dibenzofuran	0.0031	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:17	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:17	8270C	SUB-13
Fluorene	0.0022	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:17	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:17	8270C	SUB-13
Naphthalene	0.036	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 17:46	8270C	SUB-13
Phenanthrene	0.0020	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:17	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:17	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

MW-9
1L10004-15 (Water)

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

Organics by GC

Benzene	0.0141	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 11:47	EPA 8021B	
Toluene	0.0444	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 11:47	EPA 8021B	
Ethylbenzene	0.120	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 11:47	EPA 8021B	
Xylene (p/m)	0.357	0.00200	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 11:47	EPA 8021B	
Xylene (o)	0.150	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 11:47	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>108 %</i>	<i>80-120</i>			<i>P1L1005</i>	<i>12/10/21 15:15</i>	<i>12/13/21 11:47</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>97.2 %</i>	<i>80-120</i>			<i>P1L1005</i>	<i>12/10/21 15:15</i>	<i>12/13/21 11:47</i>	<i>EPA 8021B</i>	
Methane	0.373	0.0125	mg/L	1	P2A1202	12/20/21 10:39	12/20/21 14:48	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P2A1202	12/20/21 10:39	12/20/21 14:48	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P2A1202	12/20/21 10:39	12/20/21 14:48	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	2.51	0.200	mg/L	1	P1L1004	12/10/21 13:59	12/10/21 17:47	EPA 300.0	
Sulfate	59.0	1.00	mg/L	1	P1L1004	12/10/21 13:59	12/10/21 17:47	EPA 300.0	
Total Organic Carbon	2.79	1.00	mg/L	1	P2A1202	12/16/21 20:49	12/16/21 20:49	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.243	0.0200	mg/L	1	P1L0902	12/10/21 10:46	12/10/21 13:12	EPA 6010B	QAL1
Manganese	0.0210	0.0200	mg/L	1	P1L0902	12/10/21 10:46	12/10/21 13:12	EPA 6010B	QAL1

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.017	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 18:06	8270C	SUB-13
2-Methylnaphthalene	0.014	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 18:06	8270C	SUB-13
Acenaphthene	0.0023	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:37	8270C	SUB-13
Acenaphthylene	0.00033	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:37	8270C	SUB-13
Anthracene	0.00030	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:37	8270C	SUB-13
Benzo (a) anthracene	0.0023	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:37	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:37	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:37	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:37	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:37	8270C	SUB-13
Chrysene	0.00038	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:37	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:37	8270C	SUB-13
Dibenzofuran	0.0049	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:37	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:37	8270C	SUB-13
Fluorene	0.0051	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:37	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:37	8270C	SUB-13
Naphthalene	0.016	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 18:06	8270C	SUB-13
Phenanthrene	0.0059	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:37	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:37	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

RW-1
1L10004-16 (Water)

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

Organics by GC

Benzene	6.25	0.0500	mg/L	50	P1L1005	12/10/21 15:15	12/13/21 16:23	EPA 8021B	
Toluene	0.306	0.0500	mg/L	50	P1L1005	12/10/21 15:15	12/13/21 16:23	EPA 8021B	
Ethylbenzene	0.598	0.0500	mg/L	50	P1L1005	12/10/21 15:15	12/13/21 16:23	EPA 8021B	
Xylene (p/m)	1.26	0.100	mg/L	50	P1L1005	12/10/21 15:15	12/13/21 16:23	EPA 8021B	
Xylene (o)	0.276	0.0500	mg/L	50	P1L1005	12/10/21 15:15	12/13/21 16:23	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>95.5 %</i>			<i>80-120</i>	<i>P1L1005</i>	<i>12/10/21 15:15</i>	<i>12/13/21 16:23</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>98.9 %</i>			<i>80-120</i>	<i>P1L1005</i>	<i>12/10/21 15:15</i>	<i>12/13/21 16:23</i>	<i>EPA 8021B</i>	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.065	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 18:26	8270C	SUB-13
2-Methylnaphthalene	0.054	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 18:26	8270C	SUB-13
Acenaphthene	0.0017	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:58	8270C	SUB-13
Acenaphthylene	0.00022	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:58	8270C	SUB-13
Anthracene	0.00023	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:58	8270C	SUB-13
Benzo (a) anthracene	0.00088	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:58	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:58	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:58	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:58	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:58	8270C	SUB-13
Chrysene	0.00028	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:58	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:58	8270C	SUB-13
Dibenzofuran	0.0049	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:58	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:58	8270C	SUB-13
Fluorene	0.0043	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:58	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:58	8270C	SUB-13
Naphthalene	0.070	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 18:26	8270C	SUB-13
Phenanthrene	0.0090	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:58	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 17:58	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

RW-2
1L10004-17 (Water)

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

Organics by GC

Benzene	3.43	0.0500	mg/L	50	P1L1005	12/10/21 15:15	12/13/21 16:45	EPA 8021B	
Toluene	0.00346	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 12:30	EPA 8021B	
Ethylbenzene	0.215	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 12:30	EPA 8021B	
Xylene (p/m)	0.248	0.00200	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 12:30	EPA 8021B	
Xylene (o)	0.0130	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 12:30	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.2 %		80-120		P1L1005	12/10/21 15:15	12/13/21 12:30	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	105 %		80-120		P1L1005	12/10/21 15:15	12/13/21 12:30	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.029	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 18:46	8270C	SUB-13
2-Methylnaphthalene	0.010	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 18:46	8270C	SUB-13
Acenaphthene	0.00069	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 18:18	8270C	SUB-13
Acenaphthylene	0.00011	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 18:18	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 18:18	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 18:18	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 18:18	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 18:18	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 18:18	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 18:18	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 18:18	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 18:18	8270C	SUB-13
Dibenzofuran	0.0017	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 18:18	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 18:18	8270C	SUB-13
Fluorene	0.0014	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 18:18	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 18:18	8270C	SUB-13
Naphthalene	0.021	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 18:46	8270C	SUB-13
Phenanthrene	0.0021	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 18:18	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P2A1201	12/15/21 16:00	12/28/21 18:18	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

RW-3
1L10004-18 (Water)

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

Organics by GC

Benzene	18.8	0.100	mg/L	100	P1L1005	12/10/21 15:15	12/13/21 17:06	EPA 8021B	
Toluene	0.0236	0.0200	mg/L	20	P1L1005	12/10/21 15:15	12/13/21 12:51	EPA 8021B	
Ethylbenzene	2.17	0.0200	mg/L	20	P1L1005	12/10/21 15:15	12/13/21 12:51	EPA 8021B	
Xylene (p/m)	4.52	0.0400	mg/L	20	P1L1005	12/10/21 15:15	12/13/21 12:51	EPA 8021B	
Xylene (o)	0.487	0.0200	mg/L	20	P1L1005	12/10/21 15:15	12/13/21 12:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.8 %		80-120		P1L1005	12/10/21 15:15	12/13/21 12:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	103 %		80-120		P1L1005	12/10/21 15:15	12/13/21 12:51	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.11	0.010	mg/L	100	P2A1201	12/15/21 16:00	01/10/22 21:40	8270C	SUB-13
2-Methylnaphthalene	0.068	0.010	mg/L	100	P2A1201	12/15/21 16:00	01/10/22 21:40	8270C	SUB-13
Acenaphthene	0.017	0.0010	mg/L	10	P2A1201	12/15/21 16:00	01/10/22 21:20	8270C	SUB-13
Acenaphthylene	0.0036	0.0010	mg/L	10	P2A1201	12/15/21 16:00	01/10/22 21:20	8270C	SUB-13
Anthracene	0.0019	0.0010	mg/L	10	P2A1201	12/15/21 16:00	01/10/22 21:20	8270C	SUB-13
Benzo (a) anthracene	ND	0.0010	mg/L	10	P2A1201	12/15/21 16:00	01/10/22 21:20	8270C	SUB-13
Benzo (a) pyrene	ND	0.0010	mg/L	10	P2A1201	12/15/21 16:00	01/10/22 21:20	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.0010	mg/L	10	P2A1201	12/15/21 16:00	01/10/22 21:20	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.0010	mg/L	10	P2A1201	12/15/21 16:00	01/10/22 21:20	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.0010	mg/L	10	P2A1201	12/15/21 16:00	01/10/22 21:20	8270C	SUB-13
Chrysene	ND	0.0010	mg/L	10	P2A1201	12/15/21 16:00	01/10/22 21:20	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.0010	mg/L	10	P2A1201	12/15/21 16:00	01/10/22 21:20	8270C	SUB-13
Dibenzofuran	0.011	0.0010	mg/L	10	P2A1201	12/15/21 16:00	01/10/22 21:20	8270C	SUB-13
Fluoranthene	ND	0.0010	mg/L	10	P2A1201	12/15/21 16:00	01/10/22 21:20	8270C	SUB-13
Fluorene	0.013	0.0010	mg/L	10	P2A1201	12/15/21 16:00	01/10/22 21:20	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.0010	mg/L	10	P2A1201	12/15/21 16:00	01/10/22 21:20	8270C	SUB-13
Naphthalene	0.059	0.0010	mg/L	10	P2A1201	12/15/21 16:00	01/10/22 21:20	8270C	SUB-13
Phenanthrene	0.015	0.0010	mg/L	10	P2A1201	12/15/21 16:00	01/10/22 21:20	8270C	SUB-13
Pyrene	ND	0.0010	mg/L	10	P2A1201	12/15/21 16:00	01/10/22 21:20	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

RW-4
1L10004-19 (Water)

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

Organics by GC

Benzene	12.1	0.0500	mg/L	50	P1L1005	12/10/21 15:15	12/13/21 17:27	EPA 8021B	
Toluene	0.0204	0.00100	mg/L	1	P1L1005	12/10/21 15:15	12/13/21 13:12	EPA 8021B	
Ethylbenzene	1.35	0.0500	mg/L	50	P1L1005	12/10/21 15:15	12/13/21 17:27	EPA 8021B	
Xylene (p/m)	2.12	0.100	mg/L	50	P1L1005	12/10/21 15:15	12/13/21 17:27	EPA 8021B	
Xylene (o)	0.434	0.0500	mg/L	50	P1L1005	12/10/21 15:15	12/13/21 17:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.1 %			80-120	P1L1005	12/10/21 15:15	12/13/21 17:27	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.3 %			80-120	P1L1005	12/10/21 15:15	12/13/21 17:27	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.79	0.010	mg/L	100	P2A1201	12/15/21 16:00	12/30/21 20:07	8270C	SUB-13
2-Methylnaphthalene	0.91	0.010	mg/L	100	P2A1201	12/15/21 16:00	12/30/21 20:07	8270C	SUB-13
Acenaphthene	0.021	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 19:47	8270C	SUB-13
Acenaphthylene	0.0088	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 19:47	8270C	SUB-13
Anthracene	0.019	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 19:47	8270C	SUB-13
Benzo (a) anthracene	0.011	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 19:47	8270C	SUB-13
Benzo (a) pyrene	ND	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 19:47	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 19:47	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 19:47	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 19:47	8270C	SUB-13
Chrysene	0.0052	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 19:47	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 19:47	8270C	SUB-13
Dibenzofuran	0.044	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 19:47	8270C	SUB-13
Fluoranthene	0.0047	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 19:47	8270C	SUB-13
Fluorene	0.046	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 19:47	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 19:47	8270C	SUB-13
Naphthalene	0.43	0.010	mg/L	100	P2A1201	12/15/21 16:00	12/30/21 20:07	8270C	SUB-13
Phenanthrene	0.14	0.010	mg/L	100	P2A1201	12/15/21 16:00	12/30/21 20:07	8270C	SUB-13
Pyrene	ND	0.0010	mg/L	10	P2A1201	12/15/21 16:00	12/30/21 19:47	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

Project: 97-04
Project Number: TNM 97-04
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
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Batch P1L1005 - * DEFAULT PREP *****

Blank (P1L1005-BLK1)

Prepared & Analyzed: 12/10/21

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	0.117		"	0.120		97.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.7	80-120			

LCS (P1L1005-BS1)

Prepared & Analyzed: 12/10/21

Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.219	0.00200	"	0.200		109	80-120			
Xylene (o)	0.0972	0.00100	"	0.100		97.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.7	80-120			

LCS Dup (P1L1005-BSD1)

Prepared & Analyzed: 12/10/21

Benzene	0.108	0.00100	mg/L	0.100		108	80-120	2.07	20	
Toluene	0.106	0.00100	"	0.100		106	80-120	2.93	20	
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120	4.12	20	
Xylene (p/m)	0.228	0.00200	"	0.200		114	80-120	3.93	20	
Xylene (o)	0.101	0.00100	"	0.100		101	80-120	3.92	20	
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

Calibration Check (P1L1005-CCV1)

Prepared & Analyzed: 12/10/21

Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.230	0.00200	"	0.200		115	80-120			
Xylene (o)	0.0976	0.00100	"	0.100		97.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.129		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		97.0	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: 97-04
Project Number: TNM 97-04
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
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Batch P1L1005 - * DEFAULT PREP *****

Calibration Check (P1L1005-CCV2)				Prepared: 12/10/21		Analyzed: 12/13/21				
Benzene	0.0936	0.00100	mg/L	0.100		93.6	80-120			
Toluene	0.0882	0.00100	"	0.100		88.2	80-120			
Ethylbenzene	0.0873	0.00100	"	0.100		87.3	80-120			
Xylene (p/m)	0.180	0.00200	"	0.200		90.2	80-120			
Xylene (o)	0.0843	0.00100	"	0.100		84.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.197		"	0.120		164	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		104	80-120			

Calibration Check (P1L1005-CCV3)				Prepared: 12/10/21		Analyzed: 12/13/21				
Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.212	0.00200	"	0.200		106	80-120			
Xylene (o)	0.0953	0.00100	"	0.100		95.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.4	80-120			

Matrix Spike (P1L1005-MS1)				Source: 1L10004-01		Prepared: 12/10/21		Analyzed: 12/13/21			
Benzene	0.113	0.00100	mg/L	0.100	ND	113	80-120				
Toluene	0.109	0.00100	"	0.100	ND	109	80-120				
Ethylbenzene	0.119	0.00100	"	0.100	0.00392	115	80-120				
Xylene (p/m)	0.238	0.00200	"	0.200	0.00298	118	80-120				
Xylene (o)	0.104	0.00100	"	0.100	ND	104	80-120				
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.5	80-120				
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.4	80-120				

Matrix Spike Dup (P1L1005-MSD1)				Source: 1L10004-01		Prepared: 12/10/21		Analyzed: 12/13/21			
Benzene	0.113	0.00100	mg/L	0.100	ND	113	80-120	0.301	20		
Toluene	0.110	0.00100	"	0.100	ND	110	80-120	0.412	20		
Ethylbenzene	0.120	0.00100	"	0.100	0.00392	116	80-120	0.511	20		
Xylene (p/m)	0.238	0.00200	"	0.200	0.00298	118	80-120	0.0935	20		
Xylene (o)	0.105	0.00100	"	0.100	ND	105	80-120	1.02	20		
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120				
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.5	80-120				

Permian Basin Environmental Lab, L.P.

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

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

Project: 97-04
Project Number: TNM 97-04
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 P1L0812 - *** DEFAULT PREP ***										
Blank (P1L0812-BLK1)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	ND	1.10	mg/L							QAL1
LCS (P1L0812-BS1)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	95.0	1.10	mg/L	100		95.0	80-120			QAL1
LCS Dup (P1L0812-BSD1)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	102	1.10	mg/L	100		102	80-120	7.11	20	QAL1
Duplicate (P1L0812-DUP1)				Source: 1L08003-06		Prepared & Analyzed: 12/22/21				
Chemical Oxygen Demand	106	1.10	mg/L		103			2.87	20	QAL1
Duplicate (P1L0812-DUP2)				Source: 1L08001-01		Prepared & Analyzed: 12/22/21				
Chemical Oxygen Demand	920	1.10	mg/L		1000			8.33	20	QAL1
Matrix Spike (P1L0812-MS1)				Source: 1L08003-06		Prepared & Analyzed: 12/22/21				
Chemical Oxygen Demand	192	1.10	mg/L	100	103	89.0	80-120			QAL1
Matrix Spike Dup (P1L0812-MSD1)				Source: 1L08003-06		Prepared & Analyzed: 12/22/21				
Chemical Oxygen Demand	192	1.10	mg/L	100	103	89.0	80-120	0.00	20	QAL1
Batch P1L1004 - *** DEFAULT PREP ***										
Blank (P1L1004-BLK1)				Prepared & Analyzed: 12/10/21						
Nitrate as N	ND	0.200	mg/L							
Sulfate	ND	1.00	"							
LCS (P1L1004-BS1)				Prepared & Analyzed: 12/10/21						
Nitrate as N	7.92		mg/L	8.00		99.0	90-110			
Sulfate	41.4		"	40.0		104	90-110			

Permian Basin Environmental Lab, L.P.

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

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

Project: 97-04
Project Number: TNM 97-04
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
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Batch P1L1004 - * DEFAULT PREP *****

LCS Dup (P1L1004-BSD1)

Prepared & Analyzed: 12/10/21

Nitrate as N	7.93		mg/L	8.00		99.1	90-110	0.164	10	
Sulfate	41.5		"	40.0		104	90-110	0.166	10	

Calibration Blank (P1L1004-CCB1)

Prepared & Analyzed: 12/10/21

Nitrate as N	0.00		mg/L							
Sulfate	-0.460		"							

Calibration Check (P1L1004-CCV1)

Prepared & Analyzed: 12/10/21

Sulfate	20.4		mg/L	20.0		102	90-110			
Nitrate as N	1.81		"	2.00		90.7	90-110			

Calibration Check (P1L1004-CCV2)

Prepared & Analyzed: 12/10/21

Nitrate as N	1.83		mg/L	2.00		91.4	90-110			
Sulfate	20.4		"	20.0		102	90-110			

Matrix Spike (P1L1004-MS1)

Source: 1L10004-01

Prepared & Analyzed: 12/10/21

Nitrate as N	10.1	0.200	mg/L	2.00	8.31	87.8	80-120			
Sulfate	67.3	1.00	"	10.0	59.0	82.6	80-120			

Matrix Spike Dup (P1L1004-MSD1)

Source: 1L10004-01

Prepared & Analyzed: 12/10/21

Nitrate as N	10.1	0.200	mg/L	2.00	8.31	89.1	80-120	0.268	20	
Sulfate	67.7	1.00	"	10.0	59.0	86.4	80-120	0.563	20	

Batch P1L2201 - * DEFAULT PREP *****

Blank (P1L2201-BLK1)

Prepared & Analyzed: 12/22/21

Chemical Oxygen Demand	ND	1.10	mg/L							QAL1
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Permian Basin Environmental Lab, L.P.

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

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

Project: 97-04
Project Number: TNM 97-04
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
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Batch P1L2201 - * DEFAULT PREP *****

LCS (P1L2201-BS1) Prepared & Analyzed: 12/22/21

Chemical Oxygen Demand	101	1.10	mg/L	100	101	80-120				QAL1
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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
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Calibration Blank (P1L2201-CCB1) Prepared & Analyzed: 12/22/21

Chemical Oxygen Demand	0.00		mg/L							QAL1
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Calibration Blank (P1L2201-CCB2) Prepared & Analyzed: 12/22/21

Chemical Oxygen Demand	0.00		mg/L							QAL1
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Calibration Check (P1L2201-CCV1) Prepared & Analyzed: 12/22/21

Chemical Oxygen Demand	98.0	1.10	mg/L	100	98.0	80-120				QAL1
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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
------------------------	------	------	------	--	------	--	------	----	--	------

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
------------------------	-----	------	------	-----	----	-----	--------	--	--	------

Permian Basin Environmental Lab, L.P.

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

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

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

Project: 97-04
Project Number: TNM 97-04
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-MS2)

Source: 1L10004-08

Prepared & Analyzed: 12/22/21

Chemical Oxygen Demand	101	1.10	mg/L	100	ND	101	80-120			QAL1
------------------------	-----	------	------	-----	----	-----	--------	--	--	------

Permian Basin Environmental Lab, L.P.

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

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

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

Project: 97-04
Project Number: TNM 97-04
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 P1L0902 - *** DEFAULT PREP ***										
Blank (P1L0902-BLK1)				Prepared: 12/09/21 Analyzed: 12/10/21						
Iron	ND	0.0200	mg/L							QAL1
Manganese	0.00155	0.0200	"							J, QAL1
LCS (P1L0902-BS1)				Prepared: 12/09/21 Analyzed: 12/10/21						
Iron	0.453		mg/L	0.400		113	80-120			QAL1
Manganese	0.0913		"	0.0800		114	85-115			QAL1
LCS Dup (P1L0902-BSD1)				Prepared: 12/09/21 Analyzed: 12/10/21						
Iron	0.455		mg/L	0.400		114	80-120	0.514	20	QAL1
Manganese	0.0899		"	0.0800		112	85-115	1.54	20	QAL1
Calibration Blank (P1L0902-CCB2)				Prepared: 12/09/21 Analyzed: 12/10/21						
Iron	-0.00787		mg/L							QAL1
Manganese	-0.000743		"							QAL1
Calibration Blank (P1L0902-CCB3)				Prepared: 12/09/21 Analyzed: 12/10/21						
Iron	-0.00875		mg/L							QAL1
Manganese	-0.000947		"							QAL1
Calibration Check (P1L0902-CCV1)				Prepared: 12/09/21 Analyzed: 12/10/21						
Manganese	0.0913		mg/L	0.0800		114	80-120			QAL1
Iron	0.461		"	0.400		115	80-120			QAL1
Calibration Check (P1L0902-CCV2)				Prepared: 12/09/21 Analyzed: 12/10/21						
Iron	0.407		mg/L	0.400		102	80-120			QAL1
Manganese	0.0869		"	0.0800		109	80-120			QAL1
Calibration Check (P1L0902-CCV3)				Prepared: 12/09/21 Analyzed: 12/10/21						
Iron	0.391		mg/L	0.400		97.7	80-120			QAL1
Manganese	0.0874		"	0.0800		109	80-120			QAL1

Permian Basin Environmental Lab, L.P.

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

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

Project: 97-04
Project Number: TNM 97-04
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 P1L0902 - * DEFAULT PREP *****

Matrix Spike (P1L0902-MS1)		Source: 1L08003-01		Prepared: 12/09/21		Analyzed: 12/10/21				
Manganese	0.112		mg/L	0.0800	0.0200	115	75-125			QAL1
Iron	0.411		"	0.400	0.00914	101	75-125			QAL1
Matrix Spike Dup (P1L0902-MSD1)		Source: 1L08003-01		Prepared: 12/09/21		Analyzed: 12/10/21				
Manganese	0.111		mg/L	0.0800	0.0200	113	75-125	0.944	20	QAL1
Iron	0.421		"	0.400	0.00914	103	75-125	2.48	20	QAL1

Permian Basin Environmental Lab, L.P.

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

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

Notes and Definitions

SUB-13 Subcontract of analyte/analysis to ALS Houston.

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

ROI Received on Ice

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.

NPBEL C Chain of Custody was not generated at PBELAB

J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

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: 1/17/2022

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

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

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

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

Project: 97-04
Project Number: TNM 97-04
Project Manager: Curt Stanley

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.

PBETLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-661-4184

Page 1073

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) 520-7220

Fax No:

Sampler Signature: *Curt Stanley* e-mail: cdstanley@trcsolutions.com
clbrvant@paalp.com
algroves@paalp.com

Report Format:

Standard

☐ TRRP☐ NPDES

Project Name: 97-04

Project #: TNM 97-04

Project Loc: Lea County, New Mexico

PO #:

ORDER #: 100004

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers							Matrix	Analyze For:									
1	MW-10			12/9/2021	923	1	9	X	X	X	X				GW	X	TOC SM 5310								
2	MW-12			12/9/2021	945		3	X	X	X					GW	X	Dissolved Methane, ethane, and ethene by RSK-175								
3	MW-7			12/9/2021	1020		3	X	X	X					GW	X	Total Diss Metals (Fe and Mn) by SW60								
4	MW-16			12/9/2021	1030		3	X	X	X					GW	X	Nitrate and sulfate by E300								
5	MW-11			12/9/2021	1100		3	X	X	X					GW	X	COD by SM5310								
6	MW-13			12/9/2021	1125		3	X	X	X					GW	X	Total BTEX by 8260								
7	MW-18			12/9/2021	1140		3	X	X	X					GW	X	PAH								
8	MW-15			12/9/2021	1146		1	X	X	X					GW	X									
9	MW-14			12/9/2021	1217		1	X	X	X					GW	X									

Special Instructions:

BILL TO PLAINS

Relinquished by: <i>[Signature]</i>	Date: 12/10/21	Time: 0745	Received by: <i>[Signature]</i>	Date: 12/10/21	Time: 0745
Relinquished by: <i>[Signature]</i>	Date: 12/10/21	Time: 0745	Received by: <i>[Signature]</i>	Date: 12/10/21	Time: 0745
Relinquished by: <i>[Signature]</i>	Date: 12/10/21	Time: 0745	Received by: <i>[Signature]</i>	Date: 12/10/21	Time: 0745

Laboratory Comments:

Sample Containers: 12
VOCs Free of Headspace? Y
Labels on containers? Y
Custody seals on container(s) Y
Custody seals on cooler(s) Y

Sample Hand Delivered by Sampler/Client Rep? Y
by Courier? UPS DHL FedEx Lone Star
Temperature upon Receipt: 3.5 °C
Adjusted: 4.5 °C Factor: 1.2

PERMIA LAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-661-4184

Page 20

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) 520-7770

Sampler Signature: *Curt Stanley*e-mail: cdstanley@trcsolutions.comcdstanley@trcsolutions.comcdbrvant@paalp.comalgroves@paalp.com

Report Format: Standard

☐ TRRP☐ NPDES

Project Name: 97-04

Project #: TNM 97-04

Project Loc: Lea County, New Mexico

PO #:

ORDER #: 1610004

(lab use only)

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Matrix	TOC SM 5310	Dissolved Methane, ethane, and ethene by RSK-175	Total Diss Metals (Fe and Mn) by SW60	Nitrate and sulfate by E300	COD by SM5310	Total BTEX by 8260	PAH	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
10	MW-6			12/9/2021	1306	1	12	X	X	X	X			X		GW	X	X	X	X	X	X	X		X	X
11	MW-4			12/9/2021	1240		6	X	X	X				X		GW									X	X
12	MW-2			12/9/2021	1350		6	X	X	X				X		GW									X	X
13	MW-3			12/9/2021	1405		6	X	X	X				X		GW									X	X
14	MW-5			12/9/2021	1501	1	12	X	X	X	X			X		GW									X	X
15	MW-9			12/9/2021	1605		12	X	X	X	X			X		GW									X	X
16	RW-1			12/9/2021	1630		6	X	X	X				X		GW									X	X
17	RW-2			12/9/2021	1700		6	X	X	X				X		GW									X	X
18	RW-3			12/9/2021	1715		6	X	X	X				X		GW									X	X

Special Instructions:

BILL TO PLAINS

Relinquished by: <i>[Signature]</i>	Date: 12/10/21	Time: 0945	Received by: RBEL	Date: 12/10/21	Time: 0745
Relinquished by: <i>[Signature]</i>	Date: 12/10/21	Time: 0945	Received by: RBEL	Date: 12/10/21	Time: 0745
Relinquished by: <i>[Signature]</i>	Date: 12/10/21	Time: 0945	Received by: RBEL	Date: 12/10/21	Time: 0745

Laboratory Comments:

Sample Containers: 12/10/21

VOCs: Free of Headspace?

Labels on container(s):

Custody seals on container(s):

Sample Hand Delivered by Sampler/Client Rep.?

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: 3.1/4.5 °C

Adjusted: 1.2



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 signed/dated/time when relinquished and received?
☒	Sampler's name present on COC?
☒	Sample containers intact?
☒	Samples in proper container/bottle?
☒	All samples received within holding time?
☒	Analysis requested for all samples submitted?
☒	Custody seals intact on shipping container/cooler?

Login Notes:
 Yoa Vial HELX67 1L10004
 Yoa Amber
 ASD unpres. poly
 ASD poly #2504

PBEL_SAMPLE_CHECKLIST_2021_1
 ASD HNB3

Page 1 of 2



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:

PBEL_SAMPLE_CHECKLIST_2021_1

Page 2 of 2



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

January 11, 2022

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

Work Order: **HS21120860**

Laboratory Results for: **1L10004**

Dear Brent Barron,

ALS Environmental received 13 sample(s) on Dec 14, 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,

A handwritten signature in cursive script, reading "Bernadette Fini".

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

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L10004
Work Order: HS21120860

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS21120860-01	1L10004-01	Water		09-Dec-2021 09:23	14-Dec-2021 10:55	☐
HS21120860-02	1L10004-08	Water		09-Dec-2021 11:46	14-Dec-2021 10:55	☐
HS21120860-03	1L10004-09	Water		09-Dec-2021 12:17	14-Dec-2021 10:55	☐
HS21120860-04	1L10004-10	Water		09-Dec-2021 13:06	14-Dec-2021 10:55	☐
HS21120860-05	1L10004-11	Water		09-Dec-2021 12:40	14-Dec-2021 10:55	☐
HS21120860-06	1L10004-12	Water		09-Dec-2021 13:50	14-Dec-2021 10:55	☐
HS21120860-07	1L10004-13	Water		09-Dec-2021 14:05	14-Dec-2021 10:55	☐
HS21120860-08	1L10004-14	Water		09-Dec-2021 15:01	14-Dec-2021 10:55	☐
HS21120860-09	1L10004-15	Water		09-Dec-2021 16:05	14-Dec-2021 10:55	☐
HS21120860-10	1L10004-16	Water		09-Dec-2021 16:30	14-Dec-2021 10:55	☐
HS21120860-11	1L10004-17	Water		09-Dec-2021 17:00	14-Dec-2021 10:55	☐
HS21120860-12	1L10004-18	Water		09-Dec-2021 17:15	14-Dec-2021 10:55	☐
HS21120860-13	1L10004-19	Water		09-Dec-2021 17:30	14-Dec-2021 10:55	☐

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L10004
Work Order: HS21120860

CASE NARRATIVE**GC Semivolatiles by Method RSK-175****Batch ID: R398123**

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

GCMS Semivolatiles by Method SW8270**Batch ID: 173605****Sample ID: 1L10004-18 (HS21120860-12)**

- The GCMS semi-volatile extract of this sample was run at a dilution due to a high level of matrix interference.
- The surrogate recoveries could not be determined due to dilution below the calibration range.

Sample ID: 1L10004-19 (HS21120860-13)

- The GCMS semi-volatile extract of this sample was run at a dilution due to a high level of matrix interference.
- The surrogate recoveries could not be determined due to dilution below the calibration range.

Sample ID: LCSD-173605

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

WetChemistry by Method E415.1**Batch ID: R397819,R397820**

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

WetChemistry by Method SM4500 NH3-B-F**Batch ID: 173892**

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

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
 Project: 1L10004
 Sample ID: 1L10004-01
 Collection Date: 09-Dec-2021 09:23

ANALYTICAL REPORT

WorkOrder:HS21120860
 Lab ID:HS21120860-01
 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	20-Dec-2021 09:49
Ethene	1.31		1.00	ug/L	1	20-Dec-2021 09:49
Methane	2.53		0.500	ug/L	1	20-Dec-2021 09:49
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	1.62		1.00	mg/L	1	16-Dec-2021 17:54
AMMONIA AS N BY SM4500 NH3-B-F-2011		Method:SM4500 NH3-B-F		Prep:M4500-NH3 B / 21-Dec-2021 Analyst: AP		
Nitrogen, Ammonia (as N)	ND		0.050	mg/L	1	22-Dec-2021 11:41

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

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
 Project: 1L10004
 Sample ID: 1L10004-08
 Collection Date: 09-Dec-2021 11:46

ANALYTICAL REPORT

WorkOrder:HS21120860
 Lab ID:HS21120860-02
 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	20-Dec-2021 10:02
Ethene	ND		1.00	ug/L	1	20-Dec-2021 10:02
Methane	13.9		0.500	ug/L	1	20-Dec-2021 10:02
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	1.26		1.00	mg/L	1	16-Dec-2021 18:09
AMMONIA AS N BY SM4500 NH3-B-F-2011		Method:SM4500 NH3-B-F		Prep:M4500-NH3 B / 21-Dec-2021 Analyst: AP		
Nitrogen, Ammonia (as N)	0.050		0.050	mg/L	1	22-Dec-2021 11:41

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

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
 Project: 1L10004
 Sample ID: 1L10004-09
 Collection Date: 09-Dec-2021 12:17

ANALYTICAL REPORT

WorkOrder:HS21120860
 Lab ID:HS21120860-03
 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	20-Dec-2021 10:13
Ethene	1.00		1.00	ug/L	1	20-Dec-2021 10:13
Methane	79.6		2.50	ug/L	5	20-Dec-2021 14:20
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	ND		1.00	mg/L	1	16-Dec-2021 20:01
AMMONIA AS N BY SM4500 NH3-B-F-2011		Method:SM4500 NH3-B-F		Prep:M4500-NH3 B / 21-Dec-2021 Analyst: AP		
Nitrogen, Ammonia (as N)	ND		0.050	mg/L	1	22-Dec-2021 11:41

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

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
 Project: 1L10004
 Sample ID: 1L10004-10
 Collection Date: 09-Dec-2021 13:06

ANALYTICAL REPORT

WorkOrder:HS21120860
 Lab ID:HS21120860-04
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 15-Dec-2021		Analyst: GEY
1-Methylnaphthalene	2.04	n	0.105	ug/L	1	28-Dec-2021 15:56
2-Methylnaphthalene	ND		0.105	ug/L	1	28-Dec-2021 15:56
Acenaphthene	0.637		0.105	ug/L	1	28-Dec-2021 15:56
Acenaphthylene	ND		0.105	ug/L	1	28-Dec-2021 15:56
Anthracene	ND		0.105	ug/L	1	28-Dec-2021 15:56
Benz(a)anthracene	ND		0.105	ug/L	1	28-Dec-2021 15:56
Benzo(a)pyrene	ND		0.105	ug/L	1	28-Dec-2021 15:56
Benzo(b)fluoranthene	ND		0.105	ug/L	1	28-Dec-2021 15:56
Benzo(g,h,i)perylene	ND		0.105	ug/L	1	28-Dec-2021 15:56
Benzo(k)fluoranthene	ND		0.105	ug/L	1	28-Dec-2021 15:56
Chrysene	ND		0.105	ug/L	1	28-Dec-2021 15:56
Dibenz(a,h)anthracene	ND		0.105	ug/L	1	28-Dec-2021 15:56
Dibenzofuran	0.605		0.105	ug/L	1	28-Dec-2021 15:56
Fluoranthene	ND		0.105	ug/L	1	28-Dec-2021 15:56
Fluorene	0.547		0.105	ug/L	1	28-Dec-2021 15:56
Indeno(1,2,3-cd)pyrene	ND		0.105	ug/L	1	28-Dec-2021 15:56
Naphthalene	ND		0.105	ug/L	1	28-Dec-2021 15:56
Phenanthrene	0.207		0.105	ug/L	1	28-Dec-2021 15:56
Pyrene	ND		0.105	ug/L	1	28-Dec-2021 15:56
Surr: 2-Fluorobiphenyl	59.0		32-130	%REC	1	28-Dec-2021 15:56
Surr: 4-Terphenyl-d14	83.5		40-135	%REC	1	28-Dec-2021 15:56
Surr: Nitrobenzene-d5	77.5		45-142	%REC	1	28-Dec-2021 15:56
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	2.58		1.00	ug/L	1	20-Dec-2021 10:21
Ethene	3.64		1.00	ug/L	1	20-Dec-2021 10:21
Methane	832		25.0	ug/L	50	20-Dec-2021 14:28
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	3.93		1.00	mg/L	1	16-Dec-2021 20:17
AMMONIA AS N BY SM4500 NH3-B-F-2011		Method:SM4500 NH3-B-F		Prep:M4500-NH3 B / 21-Dec-2021		Analyst: AP
Nitrogen, Ammonia (as N)	0.50		0.050	mg/L	1	22-Dec-2021 11:41

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

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
 Project: 1L10004
 Sample ID: 1L10004-11
 Collection Date: 09-Dec-2021 12:40

ANALYTICAL REPORT

WorkOrder:HS21120860
 Lab ID:HS21120860-05
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 15-Dec-2021		Analyst: GEY
1-Methylnaphthalene	8.47	n	1.01	ug/L	10	30-Dec-2021 16:45
2-Methylnaphthalene	4.27		1.01	ug/L	10	30-Dec-2021 16:45
Acenaphthene	1.28		0.101	ug/L	1	28-Dec-2021 16:16
Acenaphthylene	0.147		0.101	ug/L	1	28-Dec-2021 16:16
Anthracene	0.105		0.101	ug/L	1	28-Dec-2021 16:16
Benz(a)anthracene	ND		0.101	ug/L	1	28-Dec-2021 16:16
Benzo(a)pyrene	ND		0.101	ug/L	1	28-Dec-2021 16:16
Benzo(b)fluoranthene	ND		0.101	ug/L	1	28-Dec-2021 16:16
Benzo(g,h,i)perylene	ND		0.101	ug/L	1	28-Dec-2021 16:16
Benzo(k)fluoranthene	ND		0.101	ug/L	1	28-Dec-2021 16:16
Chrysene	ND		0.101	ug/L	1	28-Dec-2021 16:16
Dibenz(a,h)anthracene	ND		0.101	ug/L	1	28-Dec-2021 16:16
Dibenzofuran	2.82		0.101	ug/L	1	28-Dec-2021 16:16
Fluoranthene	0.113		0.101	ug/L	1	28-Dec-2021 16:16
Fluorene	1.60		0.101	ug/L	1	28-Dec-2021 16:16
Indeno(1,2,3-cd)pyrene	ND		0.101	ug/L	1	28-Dec-2021 16:16
Naphthalene	5.88		1.01	ug/L	10	30-Dec-2021 16:45
Phenanthrene	3.13		0.101	ug/L	1	28-Dec-2021 16:16
Pyrene	ND		0.101	ug/L	1	28-Dec-2021 16:16
Surr: 2-Fluorobiphenyl	74.2		32-130	%REC	10	30-Dec-2021 16:45
Surr: 2-Fluorobiphenyl	59.1		32-130	%REC	1	28-Dec-2021 16:16
Surr: 4-Terphenyl-d14	93.1		40-135	%REC	1	28-Dec-2021 16:16
Surr: 4-Terphenyl-d14	78.5		40-135	%REC	10	30-Dec-2021 16:45
Surr: Nitrobenzene-d5	98.2		45-142	%REC	1	28-Dec-2021 16:16
Surr: Nitrobenzene-d5	50.5		45-142	%REC	10	30-Dec-2021 16:45

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

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
 Project: 1L10004
 Sample ID: 1L10004-12
 Collection Date: 09-Dec-2021 13:50

ANALYTICAL REPORT

WorkOrder:HS21120860
 Lab ID:HS21120860-06
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 15-Dec-2021		Analyst: GEY
1-Methylnaphthalene	11.0	n	1.00	ug/L	10	30-Dec-2021 17:05
2-Methylnaphthalene	7.95		1.00	ug/L	10	30-Dec-2021 17:05
Acenaphthene	2.36		0.100	ug/L	1	28-Dec-2021 16:37
Acenaphthylene	0.303		0.100	ug/L	1	28-Dec-2021 16:37
Anthracene	0.203		0.100	ug/L	1	28-Dec-2021 16:37
Benz(a)anthracene	ND		0.100	ug/L	1	28-Dec-2021 16:37
Benzo(a)pyrene	ND		0.100	ug/L	1	28-Dec-2021 16:37
Benzo(b)fluoranthene	ND		0.100	ug/L	1	28-Dec-2021 16:37
Benzo(g,h,i)perylene	ND		0.100	ug/L	1	28-Dec-2021 16:37
Benzo(k)fluoranthene	ND		0.100	ug/L	1	28-Dec-2021 16:37
Chrysene	ND		0.100	ug/L	1	28-Dec-2021 16:37
Dibenz(a,h)anthracene	ND		0.100	ug/L	1	28-Dec-2021 16:37
Dibenzofuran	3.54		0.100	ug/L	1	28-Dec-2021 16:37
Fluoranthene	0.257		0.100	ug/L	1	28-Dec-2021 16:37
Fluorene	2.41		0.100	ug/L	1	28-Dec-2021 16:37
Indeno(1,2,3-cd)pyrene	ND		0.100	ug/L	1	28-Dec-2021 16:37
Naphthalene	10.0		1.00	ug/L	10	30-Dec-2021 17:05
Phenanthrene	4.32		0.100	ug/L	1	28-Dec-2021 16:37
Pyrene	ND		0.100	ug/L	1	28-Dec-2021 16:37
Surr: 2-Fluorobiphenyl	54.2		32-130	%REC	10	30-Dec-2021 17:05
Surr: 2-Fluorobiphenyl	59.0		32-130	%REC	1	28-Dec-2021 16:37
Surr: 4-Terphenyl-d14	100.0		40-135	%REC	1	28-Dec-2021 16:37
Surr: 4-Terphenyl-d14	61.8		40-135	%REC	10	30-Dec-2021 17:05
Surr: Nitrobenzene-d5	90.7		45-142	%REC	1	28-Dec-2021 16:37
Surr: Nitrobenzene-d5	97.3		45-142	%REC	10	30-Dec-2021 17:05

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

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
 Project: 1L10004
 Sample ID: 1L10004-13
 Collection Date: 09-Dec-2021 14:05

ANALYTICAL REPORT

WorkOrder:HS21120860
 Lab ID:HS21120860-07
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 15-Dec-2021		Analyst: GEY
1-Methylnaphthalene	19.0	n	1.01	ug/L	10	30-Dec-2021 17:26
2-Methylnaphthalene	7.09		1.01	ug/L	10	30-Dec-2021 17:26
Acenaphthene	0.875		0.101	ug/L	1	28-Dec-2021 16:57
Acenaphthylene	0.137		0.101	ug/L	1	28-Dec-2021 16:57
Anthracene	ND		0.101	ug/L	1	28-Dec-2021 16:57
Benz(a)anthracene	ND		0.101	ug/L	1	28-Dec-2021 16:57
Benzo(a)pyrene	ND		0.101	ug/L	1	28-Dec-2021 16:57
Benzo(b)fluoranthene	ND		0.101	ug/L	1	28-Dec-2021 16:57
Benzo(g,h,i)perylene	ND		0.101	ug/L	1	28-Dec-2021 16:57
Benzo(k)fluoranthene	ND		0.101	ug/L	1	28-Dec-2021 16:57
Chrysene	ND		0.101	ug/L	1	28-Dec-2021 16:57
Dibenz(a,h)anthracene	ND		0.101	ug/L	1	28-Dec-2021 16:57
Dibenzofuran	2.22		0.101	ug/L	1	28-Dec-2021 16:57
Fluoranthene	ND		0.101	ug/L	1	28-Dec-2021 16:57
Fluorene	1.77		0.101	ug/L	1	28-Dec-2021 16:57
Indeno(1,2,3-cd)pyrene	ND		0.101	ug/L	1	28-Dec-2021 16:57
Naphthalene	14.7		1.01	ug/L	10	30-Dec-2021 17:26
Phenanthrene	1.77		0.101	ug/L	1	28-Dec-2021 16:57
Pyrene	ND		0.101	ug/L	1	28-Dec-2021 16:57
Surr: 2-Fluorobiphenyl	49.4		32-130	%REC	10	30-Dec-2021 17:26
Surr: 2-Fluorobiphenyl	56.3		32-130	%REC	1	28-Dec-2021 16:57
Surr: 4-Terphenyl-d14	47.2		40-135	%REC	10	30-Dec-2021 17:26
Surr: 4-Terphenyl-d14	83.8		40-135	%REC	1	28-Dec-2021 16:57
Surr: Nitrobenzene-d5	98.4		45-142	%REC	1	28-Dec-2021 16:57
Surr: Nitrobenzene-d5	57.3		45-142	%REC	10	30-Dec-2021 17:26

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

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
 Project: 1L10004
 Sample ID: 1L10004-14
 Collection Date: 09-Dec-2021 15:01

ANALYTICAL REPORT

WorkOrder:HS21120860
 Lab ID:HS21120860-08
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 15-Dec-2021		Analyst: GEY
1-Methylnaphthalene	36.7	n	1.03	ug/L	10	30-Dec-2021 17:46
2-Methylnaphthalene	15.6		1.03	ug/L	10	30-Dec-2021 17:46
Acenaphthene	1.05		0.103	ug/L	1	28-Dec-2021 17:17
Acenaphthylene	0.147		0.103	ug/L	1	28-Dec-2021 17:17
Anthracene	ND		0.103	ug/L	1	28-Dec-2021 17:17
Benz(a)anthracene	ND		0.103	ug/L	1	28-Dec-2021 17:17
Benzo(a)pyrene	ND		0.103	ug/L	1	28-Dec-2021 17:17
Benzo(b)fluoranthene	ND		0.103	ug/L	1	28-Dec-2021 17:17
Benzo(g,h,i)perylene	ND		0.103	ug/L	1	28-Dec-2021 17:17
Benzo(k)fluoranthene	ND		0.103	ug/L	1	28-Dec-2021 17:17
Chrysene	ND		0.103	ug/L	1	28-Dec-2021 17:17
Dibenz(a,h)anthracene	ND		0.103	ug/L	1	28-Dec-2021 17:17
Dibenzofuran	3.12		0.103	ug/L	1	28-Dec-2021 17:17
Fluoranthene	ND		0.103	ug/L	1	28-Dec-2021 17:17
Fluorene	2.21		0.103	ug/L	1	28-Dec-2021 17:17
Indeno(1,2,3-cd)pyrene	ND		0.103	ug/L	1	28-Dec-2021 17:17
Naphthalene	36.0		1.03	ug/L	10	30-Dec-2021 17:46
Phenanthrene	2.04		0.103	ug/L	1	28-Dec-2021 17:17
Pyrene	ND		0.103	ug/L	1	28-Dec-2021 17:17
Surr: 2-Fluorobiphenyl	58.0		32-130	%REC	10	30-Dec-2021 17:46
Surr: 2-Fluorobiphenyl	56.2		32-130	%REC	1	28-Dec-2021 17:17
Surr: 4-Terphenyl-d14	64.7		40-135	%REC	10	30-Dec-2021 17:46
Surr: 4-Terphenyl-d14	98.9		40-135	%REC	1	28-Dec-2021 17:17
Surr: Nitrobenzene-d5	62.2		45-142	%REC	10	30-Dec-2021 17:46
Surr: Nitrobenzene-d5	87.1		45-142	%REC	1	28-Dec-2021 17:17
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	ND		1.00	ug/L	1	20-Dec-2021 10:30
Ethene	ND		1.00	ug/L	1	20-Dec-2021 10:30
Methane	5,970		200	ug/L	400	20-Dec-2021 14:40
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	4.89		1.00	mg/L	1	16-Dec-2021 20:33
AMMONIA AS N BY SM4500 NH3-B-F-2011		Method:SM4500 NH3-B-F		Prep:M4500-NH3 B / 21-Dec-2021		Analyst: AP
Nitrogen, Ammonia (as N)	0.12		0.050	mg/L	1	22-Dec-2021 11:41

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

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
 Project: 1L10004
 Sample ID: 1L10004-15
 Collection Date: 09-Dec-2021 16:05

ANALYTICAL REPORT

WorkOrder:HS21120860
 Lab ID:HS21120860-09
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 15-Dec-2021		Analyst: GEY
1-Methylnaphthalene	16.6	n	1.02	ug/L	10	30-Dec-2021 18:06
2-Methylnaphthalene	14.0		1.02	ug/L	10	30-Dec-2021 18:06
Acenaphthene	2.25		0.102	ug/L	1	28-Dec-2021 17:37
Acenaphthylene	0.331		0.102	ug/L	1	28-Dec-2021 17:37
Anthracene	0.301		0.102	ug/L	1	28-Dec-2021 17:37
Benz(a)anthracene	2.32		0.102	ug/L	1	28-Dec-2021 17:37
Benzo(a)pyrene	ND		0.102	ug/L	1	28-Dec-2021 17:37
Benzo(b)fluoranthene	ND		0.102	ug/L	1	28-Dec-2021 17:37
Benzo(g,h,i)perylene	ND		0.102	ug/L	1	28-Dec-2021 17:37
Benzo(k)fluoranthene	ND		0.102	ug/L	1	28-Dec-2021 17:37
Chrysene	0.381		0.102	ug/L	1	28-Dec-2021 17:37
Dibenz(a,h)anthracene	ND		0.102	ug/L	1	28-Dec-2021 17:37
Dibenzofuran	4.87		0.102	ug/L	1	28-Dec-2021 17:37
Fluoranthene	ND		0.102	ug/L	1	28-Dec-2021 17:37
Fluorene	5.12		0.102	ug/L	1	28-Dec-2021 17:37
Indeno(1,2,3-cd)pyrene	ND		0.102	ug/L	1	28-Dec-2021 17:37
Naphthalene	16.1		1.02	ug/L	10	30-Dec-2021 18:06
Phenanthrene	5.90		0.102	ug/L	1	28-Dec-2021 17:37
Pyrene	ND		0.102	ug/L	1	28-Dec-2021 17:37
Surr: 2-Fluorobiphenyl	44.1		32-130	%REC	1	28-Dec-2021 17:37
Surr: 2-Fluorobiphenyl	57.5		32-130	%REC	10	30-Dec-2021 18:06
Surr: 4-Terphenyl-d14	86.3		40-135	%REC	10	30-Dec-2021 18:06
Surr: 4-Terphenyl-d14	61.7		40-135	%REC	1	28-Dec-2021 17:37
Surr: Nitrobenzene-d5	89.2		45-142	%REC	10	30-Dec-2021 18:06
Surr: Nitrobenzene-d5	79.2		45-142	%REC	1	28-Dec-2021 17:37
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	ND		1.00	ug/L	1	20-Dec-2021 10:39
Ethene	ND		1.00	ug/L	1	20-Dec-2021 10:39
Methane	373		12.5	ug/L	25	20-Dec-2021 14:48
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	2.79		1.00	mg/L	1	16-Dec-2021 20:49
AMMONIA AS N BY SM4500 NH3-B-F-2011		Method:SM4500 NH3-B-F		Prep:M4500-NH3 B / 21-Dec-2021		Analyst: AP
Nitrogen, Ammonia (as N)	0.18		0.050	mg/L	1	22-Dec-2021 11:41

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

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
 Project: 1L10004
 Sample ID: 1L10004-16
 Collection Date: 09-Dec-2021 16:30

ANALYTICAL REPORT

WorkOrder:HS21120860
 Lab ID:HS21120860-10
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 15-Dec-2021		Analyst: GEY
1-Methylnaphthalene	64.7	n	1.04	ug/L	10	30-Dec-2021 18:26
2-Methylnaphthalene	54.1		1.04	ug/L	10	30-Dec-2021 18:26
Acenaphthene	1.74		0.104	ug/L	1	28-Dec-2021 17:58
Acenaphthylene	0.222		0.104	ug/L	1	28-Dec-2021 17:58
Anthracene	0.232		0.104	ug/L	1	28-Dec-2021 17:58
Benz(a)anthracene	0.879		0.104	ug/L	1	28-Dec-2021 17:58
Benzo(a)pyrene	ND		0.104	ug/L	1	28-Dec-2021 17:58
Benzo(b)fluoranthene	ND		0.104	ug/L	1	28-Dec-2021 17:58
Benzo(g,h,i)perylene	ND		0.104	ug/L	1	28-Dec-2021 17:58
Benzo(k)fluoranthene	ND		0.104	ug/L	1	28-Dec-2021 17:58
Chrysene	0.283		0.104	ug/L	1	28-Dec-2021 17:58
Dibenz(a,h)anthracene	ND		0.104	ug/L	1	28-Dec-2021 17:58
Dibenzofuran	4.85		0.104	ug/L	1	28-Dec-2021 17:58
Fluoranthene	ND		0.104	ug/L	1	28-Dec-2021 17:58
Fluorene	4.28		0.104	ug/L	1	28-Dec-2021 17:58
Indeno(1,2,3-cd)pyrene	ND		0.104	ug/L	1	28-Dec-2021 17:58
Naphthalene	70.0		1.04	ug/L	10	30-Dec-2021 18:26
Phenanthrene	8.96		0.104	ug/L	1	28-Dec-2021 17:58
Pyrene	ND		0.104	ug/L	1	28-Dec-2021 17:58
Surr: 2-Fluorobiphenyl	47.4		32-130	%REC	1	28-Dec-2021 17:58
Surr: 2-Fluorobiphenyl	52.9		32-130	%REC	10	30-Dec-2021 18:26
Surr: 4-Terphenyl-d14	61.7		40-135	%REC	10	30-Dec-2021 18:26
Surr: 4-Terphenyl-d14	87.9		40-135	%REC	1	28-Dec-2021 17:58
Surr: Nitrobenzene-d5	82.6		45-142	%REC	10	30-Dec-2021 18:26
Surr: Nitrobenzene-d5	78.4		45-142	%REC	1	28-Dec-2021 17:58

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

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
 Project: 1L10004
 Sample ID: 1L10004-17
 Collection Date: 09-Dec-2021 17:00

ANALYTICAL REPORT

WorkOrder:HS21120860
 Lab ID:HS21120860-11
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 15-Dec-2021		Analyst: GEY
1-Methylnaphthalene	28.8	n	1.04	ug/L	10	30-Dec-2021 18:46
2-Methylnaphthalene	10.00		1.04	ug/L	10	30-Dec-2021 18:46
Acenaphthene	0.691		0.104	ug/L	1	28-Dec-2021 18:18
Acenaphthylene	0.107		0.104	ug/L	1	28-Dec-2021 18:18
Anthracene	ND		0.104	ug/L	1	28-Dec-2021 18:18
Benz(a)anthracene	ND		0.104	ug/L	1	28-Dec-2021 18:18
Benzo(a)pyrene	ND		0.104	ug/L	1	28-Dec-2021 18:18
Benzo(b)fluoranthene	ND		0.104	ug/L	1	28-Dec-2021 18:18
Benzo(g,h,i)perylene	ND		0.104	ug/L	1	28-Dec-2021 18:18
Benzo(k)fluoranthene	ND		0.104	ug/L	1	28-Dec-2021 18:18
Chrysene	ND		0.104	ug/L	1	28-Dec-2021 18:18
Dibenz(a,h)anthracene	ND		0.104	ug/L	1	28-Dec-2021 18:18
Dibenzofuran	1.70		0.104	ug/L	1	28-Dec-2021 18:18
Fluoranthene	ND		0.104	ug/L	1	28-Dec-2021 18:18
Fluorene	1.35		0.104	ug/L	1	28-Dec-2021 18:18
Indeno(1,2,3-cd)pyrene	ND		0.104	ug/L	1	28-Dec-2021 18:18
Naphthalene	21.4		1.04	ug/L	10	30-Dec-2021 18:46
Phenanthrene	2.14		0.104	ug/L	1	28-Dec-2021 18:18
Pyrene	ND		0.104	ug/L	1	28-Dec-2021 18:18
Surr: 2-Fluorobiphenyl	48.9		32-130	%REC	1	28-Dec-2021 18:18
Surr: 2-Fluorobiphenyl	61.7		32-130	%REC	10	30-Dec-2021 18:46
Surr: 4-Terphenyl-d14	67.3		40-135	%REC	10	30-Dec-2021 18:46
Surr: 4-Terphenyl-d14	88.3		40-135	%REC	1	28-Dec-2021 18:18
Surr: Nitrobenzene-d5	59.3		45-142	%REC	10	30-Dec-2021 18:46
Surr: Nitrobenzene-d5	100		45-142	%REC	1	28-Dec-2021 18:18

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

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
 Project: 1L10004
 Sample ID: 1L10004-18
 Collection Date: 09-Dec-2021 17:15

ANALYTICAL REPORT

WorkOrder:HS21120860
 Lab ID:HS21120860-12
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 15-Dec-2021		Analyst: JLJ
1-Methylnaphthalene	110	n	10.2	ug/L	100	10-Jan-2022 21:40
2-Methylnaphthalene	68.3		10.2	ug/L	100	10-Jan-2022 21:40
Acenaphthene	17.4		1.02	ug/L	10	10-Jan-2022 21:20
Acenaphthylene	3.60		1.02	ug/L	10	10-Jan-2022 21:20
Anthracene	1.90		1.02	ug/L	10	10-Jan-2022 21:20
Benz(a)anthracene	ND		1.02	ug/L	10	10-Jan-2022 21:20
Benzo(a)pyrene	ND		1.02	ug/L	10	10-Jan-2022 21:20
Benzo(b)fluoranthene	ND		1.02	ug/L	10	10-Jan-2022 21:20
Benzo(g,h,i)perylene	ND		1.02	ug/L	10	10-Jan-2022 21:20
Benzo(k)fluoranthene	ND		1.02	ug/L	10	10-Jan-2022 21:20
Chrysene	ND		1.02	ug/L	10	10-Jan-2022 21:20
Dibenz(a,h)anthracene	ND		1.02	ug/L	10	10-Jan-2022 21:20
Dibenzofuran	11.1		1.02	ug/L	10	10-Jan-2022 21:20
Fluoranthene	ND		1.02	ug/L	10	10-Jan-2022 21:20
Fluorene	12.5		1.02	ug/L	10	10-Jan-2022 21:20
Indeno(1,2,3-cd)pyrene	ND		1.02	ug/L	10	10-Jan-2022 21:20
Naphthalene	58.7		1.02	ug/L	10	10-Jan-2022 21:20
Phenanthrene	15.3		1.02	ug/L	10	10-Jan-2022 21:20
Pyrene	ND		1.02	ug/L	10	10-Jan-2022 21:20
Surr: 2-Fluorobiphenyl	83.4		32-130	%REC	10	10-Jan-2022 21:20
Surr: 2-Fluorobiphenyl	0	JS	32-130	%REC	100	10-Jan-2022 21:40
Surr: 4-Terphenyl-d14	0	JS	40-135	%REC	100	10-Jan-2022 21:40
Surr: 4-Terphenyl-d14	96.2		40-135	%REC	10	10-Jan-2022 21:20
Surr: Nitrobenzene-d5	131		45-142	%REC	10	10-Jan-2022 21:20
Surr: Nitrobenzene-d5	0	JS	45-142	%REC	100	10-Jan-2022 21:40

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

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
 Project: 1L10004
 Sample ID: 1L10004-19
 Collection Date: 09-Dec-2021 17:30

ANALYTICAL REPORT

WorkOrder: HS21120860
 Lab ID: HS21120860-13
 Matrix: Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method: SW8270		Prep: SW3511 / 15-Dec-2021		Analyst: GEY
1-Methylnaphthalene	793	n	10.1	ug/L	100	30-Dec-2021 20:07
2-Methylnaphthalene	911		10.1	ug/L	100	30-Dec-2021 20:07
Acenaphthene	20.9		1.01	ug/L	10	30-Dec-2021 19:47
Acenaphthylene	8.80		1.01	ug/L	10	30-Dec-2021 19:47
Anthracene	19.2		1.01	ug/L	10	30-Dec-2021 19:47
Benz(a)anthracene	10.8		1.01	ug/L	10	30-Dec-2021 19:47
Benzo(a)pyrene	ND		1.01	ug/L	10	30-Dec-2021 19:47
Benzo(b)fluoranthene	ND		1.01	ug/L	10	30-Dec-2021 19:47
Benzo(g,h,i)perylene	ND		1.01	ug/L	10	30-Dec-2021 19:47
Benzo(k)fluoranthene	ND		1.01	ug/L	10	30-Dec-2021 19:47
Chrysene	5.15		1.01	ug/L	10	30-Dec-2021 19:47
Dibenz(a,h)anthracene	ND		1.01	ug/L	10	30-Dec-2021 19:47
Dibenzofuran	43.9		1.01	ug/L	10	30-Dec-2021 19:47
Fluoranthene	4.67		1.01	ug/L	10	30-Dec-2021 19:47
Fluorene	45.5		1.01	ug/L	10	30-Dec-2021 19:47
Indeno(1,2,3-cd)pyrene	ND		1.01	ug/L	10	30-Dec-2021 19:47
Naphthalene	431		10.1	ug/L	100	30-Dec-2021 20:07
Phenanthrene	136		10.1	ug/L	100	30-Dec-2021 20:07
Pyrene	ND		1.01	ug/L	10	30-Dec-2021 19:47
Surr: 2-Fluorobiphenyl	65.7		32-130	%REC	10	30-Dec-2021 19:47
Surr: 2-Fluorobiphenyl	0	JS	32-130	%REC	100	30-Dec-2021 20:07
Surr: 4-Terphenyl-d14	89.6		40-135	%REC	10	30-Dec-2021 19:47
Surr: 4-Terphenyl-d14	0	JS	40-135	%REC	100	30-Dec-2021 20:07
Surr: Nitrobenzene-d5	47.5		45-142	%REC	10	30-Dec-2021 19:47
Surr: Nitrobenzene-d5	0	JS	45-142	%REC	100	30-Dec-2021 20:07

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

ALS Houston, US

Date: 11-Jan-22

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP

Project: 1L10004

WorkOrder: HS21120860

Batch ID: 173605	Start Date: 15 Dec 2021 14:37	End Date: 15 Dec 2021 16:00
Method: SW3511	Prep Code: 3511_PAH	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21120860-04	1	31.43 (mL)	2 (mL)	0.06363	40 mL Amber
HS21120860-05	1	32.59 (mL)	2 (mL)	0.06137	40 mL Amber
HS21120860-06	1	32.95 (mL)	2 (mL)	0.0607	40 mL Amber
HS21120860-07	1	32.54 (mL)	2 (mL)	0.06146	40 mL Amber
HS21120860-08	1	32.13 (mL)	2 (mL)	0.06225	40 mL Amber
HS21120860-09	1	32.3 (mL)	2 (mL)	0.06192	40 mL Amber
HS21120860-10	1	31.78 (mL)	2 (mL)	0.06293	40 mL Amber
HS21120860-11	1	31.74 (mL)	2 (mL)	0.06301	40 mL Amber
HS21120860-12	1	32.21 (mL)	2 (mL)	0.06209	40 mL Amber
HS21120860-13	1	32.76 (mL)	2 (mL)	0.06105	40 mL Amber

Batch ID: 173892	Start Date: 21 Dec 2021 11:25	End Date: 21 Dec 2021 15:35
Method: NITROGEN AMMONIA - WATER - PREP	Prep Code: NIT_AMM_W_PR	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21120860-01		25 (mL)	25 (mL)	1	250 mL plastic, H2SO4 to pH <2
HS21120860-02		25 (mL)	25 (mL)	1	250 mL plastic, H2SO4 to pH <2
HS21120860-03		25 (mL)	25 (mL)	1	250 mL plastic, H2SO4 to pH <2
HS21120860-04		25 (mL)	25 (mL)	1	250 mL plastic, H2SO4 to pH <2
HS21120860-08		25 (mL)	25 (mL)	1	250 mL plastic, H2SO4 to pH <2
HS21120860-09		25 (mL)	25 (mL)	1	250 mL plastic, H2SO4 to pH <2

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L10004
WorkOrder: HS21120860

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 173605 (0)		Test Name : LOW-LEVEL PAHS - 8270D			Matrix: Water	
HS21120860-04	1L10004-10	09 Dec 2021 13:06		15 Dec 2021 14:37	28 Dec 2021 15:56	1
HS21120860-05	1L10004-11	09 Dec 2021 12:40		15 Dec 2021 14:37	30 Dec 2021 16:45	10
HS21120860-05	1L10004-11	09 Dec 2021 12:40		15 Dec 2021 14:37	28 Dec 2021 16:16	1
HS21120860-06	1L10004-12	09 Dec 2021 13:50		15 Dec 2021 14:37	30 Dec 2021 17:05	10
HS21120860-06	1L10004-12	09 Dec 2021 13:50		15 Dec 2021 14:37	28 Dec 2021 16:37	1
HS21120860-07	1L10004-13	09 Dec 2021 14:05		15 Dec 2021 14:37	30 Dec 2021 17:26	10
HS21120860-07	1L10004-13	09 Dec 2021 14:05		15 Dec 2021 14:37	28 Dec 2021 16:57	1
HS21120860-08	1L10004-14	09 Dec 2021 15:01		15 Dec 2021 14:37	30 Dec 2021 17:46	10
HS21120860-08	1L10004-14	09 Dec 2021 15:01		15 Dec 2021 14:37	28 Dec 2021 17:17	1
HS21120860-09	1L10004-15	09 Dec 2021 16:05		15 Dec 2021 14:37	30 Dec 2021 18:06	10
HS21120860-09	1L10004-15	09 Dec 2021 16:05		15 Dec 2021 14:37	28 Dec 2021 17:37	1
HS21120860-10	1L10004-16	09 Dec 2021 16:30		15 Dec 2021 14:37	30 Dec 2021 18:26	10
HS21120860-10	1L10004-16	09 Dec 2021 16:30		15 Dec 2021 14:37	28 Dec 2021 17:58	1
HS21120860-11	1L10004-17	09 Dec 2021 17:00		15 Dec 2021 14:37	30 Dec 2021 18:46	10
HS21120860-11	1L10004-17	09 Dec 2021 17:00		15 Dec 2021 14:37	28 Dec 2021 18:18	1
HS21120860-12	1L10004-18	09 Dec 2021 17:15		15 Dec 2021 14:37	10 Jan 2022 21:40	100
HS21120860-12	1L10004-18	09 Dec 2021 17:15		15 Dec 2021 14:37	10 Jan 2022 21:20	10
HS21120860-13	1L10004-19	09 Dec 2021 17:30		15 Dec 2021 14:37	30 Dec 2021 20:07	100
HS21120860-13	1L10004-19	09 Dec 2021 17:30		15 Dec 2021 14:37	30 Dec 2021 19:47	10
Batch ID: 173892 (0)		Test Name : AMMONIA AS N BY SM4500 NH3-B-F-2011			Matrix: Water	
HS21120860-01	1L10004-01	09 Dec 2021 09:23		21 Dec 2021 11:25	22 Dec 2021 11:41	1
HS21120860-02	1L10004-08	09 Dec 2021 11:46		21 Dec 2021 11:25	22 Dec 2021 11:41	1
HS21120860-03	1L10004-09	09 Dec 2021 12:17		21 Dec 2021 11:25	22 Dec 2021 11:41	1
HS21120860-04	1L10004-10	09 Dec 2021 13:06		21 Dec 2021 11:25	22 Dec 2021 11:41	1
HS21120860-08	1L10004-14	09 Dec 2021 15:01		21 Dec 2021 11:25	22 Dec 2021 11:41	1
HS21120860-09	1L10004-15	09 Dec 2021 16:05		21 Dec 2021 11:25	22 Dec 2021 11:41	1
Batch ID: R397819 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS21120860-01	1L10004-01	09 Dec 2021 09:23			16 Dec 2021 17:54	1
HS21120860-02	1L10004-08	09 Dec 2021 11:46			16 Dec 2021 18:09	1
Batch ID: R397820 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS21120860-03	1L10004-09	09 Dec 2021 12:17			16 Dec 2021 20:01	1
HS21120860-04	1L10004-10	09 Dec 2021 13:06			16 Dec 2021 20:17	1
HS21120860-08	1L10004-14	09 Dec 2021 15:01			16 Dec 2021 20:33	1
HS21120860-09	1L10004-15	09 Dec 2021 16:05			16 Dec 2021 20:49	1

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP**Project:** 1L10004**WorkOrder:** HS21120860**DATES REPORT**

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R398123 (0)		Test Name : DISSOLVED GASES BY RSK-175			Matrix: Water	
HS21120860-01	1L10004-01	09 Dec 2021 09:23			20 Dec 2021 09:49	1
HS21120860-02	1L10004-08	09 Dec 2021 11:46			20 Dec 2021 10:02	1
HS21120860-03	1L10004-09	09 Dec 2021 12:17			20 Dec 2021 14:20	5
HS21120860-03	1L10004-09	09 Dec 2021 12:17			20 Dec 2021 10:13	1
HS21120860-04	1L10004-10	09 Dec 2021 13:06			20 Dec 2021 14:28	50
HS21120860-04	1L10004-10	09 Dec 2021 13:06			20 Dec 2021 10:21	1
HS21120860-08	1L10004-14	09 Dec 2021 15:01			20 Dec 2021 14:40	400
HS21120860-08	1L10004-14	09 Dec 2021 15:01			20 Dec 2021 10:30	1
HS21120860-09	1L10004-15	09 Dec 2021 16:05			20 Dec 2021 14:48	25
HS21120860-09	1L10004-15	09 Dec 2021 16:05			20 Dec 2021 10:39	1

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L10004
WorkOrder: HS21120860

QC BATCH REPORT

Batch ID: R398123 (0)		Instrument: FID-4		Method: DISSOLVED GASES BY RSK-175					
MBLK	Sample ID: MBLK-211220	Units: ug/L		Analysis Date: 20-Dec-2021 09:19					
Client ID:	Run ID: FID-4_398123		SeqNo: 6433435		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-211220	Units: ug/L		Analysis Date: 20-Dec-2021 09:29					
Client ID:	Run ID: FID-4_398123		SeqNo: 6433436		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Ethane	19.9	1.00	18.04	0	110	75 - 125			
Ethene	16.24	1.00	16.8	0	96.6	75 - 125			
Methane	10.04	0.500	9.647	0	104	75 - 125			

LCSD	Sample ID: LCSD-211220	Units: ug/L		Analysis Date: 20-Dec-2021 09:37					
Client ID:	Run ID: FID-4_398123		SeqNo: 6433437		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Ethane	19.11	1.00	18.04	0	106	75 - 125	19.9	4.03	30
Ethene	15.41	1.00	16.8	0	91.7	75 - 125	16.24	5.23	30
Methane	10.17	0.500	9.647	0	105	75 - 125	10.04	1.3	30

DUP	Sample ID: HS21120860-02DUP	Units: ug/L		Analysis Date: 20-Dec-2021 12:22					
Client ID: 1L10004-08	Run ID: FID-4_398123		SeqNo: 6433454		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					0	0	30
Ethene	ND	1.00					0	0	30
Methane	12.61	0.500					13.91	9.85	30

The following samples were analyzed in this batch:

HS21120860-01	HS21120860-02	HS21120860-03	HS21120860-04
HS21120860-08	HS21120860-09		

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L10004
WorkOrder: HS21120860

QC BATCH REPORT

Batch ID: 173605 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
MBLK	Sample ID: MBLK-173605	Units: ug/L		Analysis Date: 23-Dec-2021 12:54						
Client ID:	Run ID: SV-6_398245	SeqNo: 6444213		PrepDate: 15-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	2.082	0.100	3.03	0	68.7	32 - 130				
Surr: 4-Terphenyl-d14	1.672	0.100	3.03	0	55.2	40 - 135				
Surr: Nitrobenzene-d5	3.322	0.100	3.03	0	110	45 - 142				

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L10004
WorkOrder: HS21120860

QC BATCH REPORT

Batch ID: 173605 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCS		Sample ID: LCS-173605		Units: ug/L		Analysis Date: 27-Dec-2021 12:59				
Client ID:		Run ID: SV-6_398533		SeqNo: 6448105		PrepDate: 15-Dec-2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	2.67	0.100	3.03	0	88.1	40 - 140				
2-Methylnaphthalene	2.742	0.100	3.03	0	90.5	40 - 140				
Acenaphthene	3.957	0.100	3.03	0	131	40 - 140				
Acenaphthylene	3.655	0.100	3.03	0	121	40 - 140				
Anthracene	3.322	0.100	3.03	0	110	40 - 140				
Benz(a)anthracene	2.082	0.100	3.03	0	68.7	40 - 140				
Benzo(a)pyrene	4.188	0.100	3.03	0	138	40 - 140				
Benzo(b)fluoranthene	3.372	0.100	3.03	0	111	40 - 140				
Benzo(g,h,i)perylene	4.179	0.100	3.03	0	138	40 - 140				
Benzo(k)fluoranthene	4.161	0.100	3.03	0	137	40 - 140				
Chrysene	1.603	0.100	3.03	0	52.9	40 - 140				
Dibenz(a,h)anthracene	4.048	0.100	3.03	0	134	40 - 140				
Dibenzofuran	3.62	0.100	3.03	0	119	40 - 140				
Fluoranthene	3.17	0.100	3.03	0	105	40 - 140				
Fluorene	3.898	0.100	3.03	0	129	40 - 140				
Indeno(1,2,3-cd)pyrene	3.843	0.100	3.03	0	127	40 - 140				
Naphthalene	2.628	0.100	3.03	0	86.7	40 - 140				
Phenanthrene	3.708	0.100	3.03	0	122	40 - 140				
Pyrene	1.915	0.100	3.03	0	63.2	40 - 140				
Surr: 2-Fluorobiphenyl	2.875	0.100	3.03	0	94.9	32 - 130				
Surr: 4-Terphenyl-d14	1.575	0.100	3.03	0	52.0	40 - 135				
Surr: Nitrobenzene-d5	2.585	0.100	3.03	0	85.3	45 - 142				

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L10004
WorkOrder: HS21120860

QC BATCH REPORT

Batch ID: 173605 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCSD		Sample ID: LCSD-173605		Units: ug/L		Analysis Date: 27-Dec-2021 13:20				
Client ID:		Run ID: SV-6_398533		SeqNo: 6448106		PrepDate: 15-Dec-2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	2.748	0.100	3.03	0	90.7	40 - 140	2.67	2.87	25	
2-Methylnaphthalene	2.757	0.100	3.03	0	91.0	40 - 140	2.742	0.558	25	
Acenaphthene	1.402	0.100	3.03	0	46.3	40 - 140	3.957	95.4	25	R
Acenaphthylene	3.834	0.100	3.03	0	127	40 - 140	3.655	4.77	25	
Anthracene	3.175	0.100	3.03	0	105	40 - 140	3.322	4.54	25	
Benz(a)anthracene	3.053	0.100	3.03	0	101	40 - 140	2.082	37.8	25	R
Benzo(a)pyrene	3.371	0.100	3.03	0	111	40 - 140	4.188	21.6	25	
Benzo(b)fluoranthene	3.5	0.100	3.03	0	116	40 - 140	3.372	3.72	25	
Benzo(g,h,i)perylene	3.219	0.100	3.03	0	106	40 - 140	4.179	25.9	25	R
Benzo(k)fluoranthene	3.161	0.100	3.03	0	104	40 - 140	4.161	27.3	25	R
Chrysene	2.8	0.100	3.03	0	92.4	40 - 140	1.603	54.4	25	R
Dibenz(a,h)anthracene	3.407	0.100	3.03	0	112	40 - 140	4.048	17.2	25	
Dibenzofuran	3.973	0.100	3.03	0	131	40 - 140	3.62	9.31	25	
Fluoranthene	2.963	0.100	3.03	0	97.8	40 - 140	3.17	6.76	25	
Fluorene	4.117	0.100	3.03	0	136	40 - 140	3.898	5.48	25	
Indeno(1,2,3-cd)pyrene	3.807	0.100	3.03	0	126	40 - 140	3.843	0.954	25	
Naphthalene	2.648	0.100	3.03	0	87.4	40 - 140	2.628	0.758	25	
Phenanthrene	3.523	0.100	3.03	0	116	40 - 140	3.708	5.11	25	
Pyrene	2.772	0.100	3.03	0	91.5	40 - 140	1.915	36.6	25	R
Surr: 2-Fluorobiphenyl	2.625	0.100	3.03	0	86.6	32 - 130	2.875	9.07	25	
Surr: 4-Terphenyl-d14	2.065	0.100	3.03	0	68.2	40 - 135	1.575	26.9	25	R
Surr: Nitrobenzene-d5	2.328	0.100	3.03	0	76.8	45 - 142	2.585	10.5	25	

The following samples were analyzed in this batch:

HS21120860-04	HS21120860-05	HS21120860-06	HS21120860-07
HS21120860-08	HS21120860-09	HS21120860-10	HS21120860-11
HS21120860-12	HS21120860-13		

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L10004
WorkOrder: HS21120860

QC BATCH REPORT

Batch ID: 173892 (0)		Instrument: UV-2450		Method: AMMONIA AS N BY SM4500 NH3-B-F-2011					
MBLK	Sample ID: MBLK-173892	Units: mg/L		Analysis Date: 22-Dec-2021 11:41					
Client ID:	Run ID: UV-2450_398208	SeqNo: 6435862		PrepDate: 21-Dec-2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Nitrogen, Ammonia (as N)	ND	0.050							
LCS	Sample ID: LCS-173892	Units: mg/L		Analysis Date: 22-Dec-2021 11:41					
Client ID:	Run ID: UV-2450_398208	SeqNo: 6435859		PrepDate: 21-Dec-2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Nitrogen, Ammonia (as N)	0.498	0.050	0.5	0	99.6	85 - 115			
LCSD	Sample ID: LCSD-173892	Units: mg/L		Analysis Date: 22-Dec-2021 11:41					
Client ID:	Run ID: UV-2450_398208	SeqNo: 6435860		PrepDate: 21-Dec-2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Nitrogen, Ammonia (as N)	0.476	0.050	0.5	0	95.2	85 - 115	0.498	4.52	20
MS	Sample ID: HS21120932-01MS	Units: mg/L		Analysis Date: 22-Dec-2021 11:41					
Client ID:	Run ID: UV-2450_398208	SeqNo: 6435857		PrepDate: 21-Dec-2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Nitrogen, Ammonia (as N)	0.508	0.050	0.5	0.025	96.6	80 - 120			
MS	Sample ID: HS21120514-08MS	Units: mg/L		Analysis Date: 22-Dec-2021 11:41					
Client ID:	Run ID: UV-2450_398208	SeqNo: 6435855		PrepDate: 21-Dec-2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Nitrogen, Ammonia (as N)	0.538	0.050	0.5	0.038	100	80 - 120			
MSD	Sample ID: HS21120932-01MSD	Units: mg/L		Analysis Date: 22-Dec-2021 11:41					
Client ID:	Run ID: UV-2450_398208	SeqNo: 6435858		PrepDate: 21-Dec-2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Nitrogen, Ammonia (as N)	0.521	0.050	0.5	0.025	99.2	80 - 120	0.508	2.53	20

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L10004
WorkOrder: HS21120860

QC BATCH REPORT

Batch ID: 173892 (0)		Instrument: UV-2450		Method: AMMONIA AS N BY SM4500 NH3-B-F-2011						
MSD	Sample ID: HS21120514-08MSD	Units: mg/L		Analysis Date: 22-Dec-2021 11:41						
Client ID:	Run ID: UV-2450_398208		SeqNo: 6435856		PrepDate: 21-Dec-2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Ammonia (as N)	0.521	0.050	0.5	0.038	96.6	80 - 120	0.538	3.21	20	
The following samples were analyzed in this batch:										
HS21120860-01 HS21120860-02 HS21120860-03 HS21120860-04 HS21120860-08 HS21120860-09										

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP

Project: 1L10004

WorkOrder: HS21120860

QC BATCH REPORT

Batch ID: R397819 (0)		Instrument: TOC_04		Method: TOTAL ORGANIC CARBON BY E415.1					
MBLK	Sample ID: MBLK-12162021	Units: mg/L		Analysis Date: 16-Dec-2021 13:55					
Client ID:	Run ID: TOC_04_397819	SeqNo: 6426400		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	ND	1.00							
LCS	Sample ID: LCS-12162021	Units: mg/L		Analysis Date: 16-Dec-2021 14:11					
Client ID:	Run ID: TOC_04_397819	SeqNo: 6426401		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %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 14:27					
Client ID:	Run ID: TOC_04_397819	SeqNo: 6426402		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	10.85	1.00	10	0	108	85 - 115	10.73	1.11	20
MS	Sample ID: HS21120850-02MS	Units: mg/L		Analysis Date: 16-Dec-2021 15:15					
Client ID:	Run ID: TOC_04_397819	SeqNo: 6426405		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	11.92	1.00	10	0.7285	112	80 - 120			
The following samples were analyzed in this batch:									
HS21120860-01 HS21120860-02									

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L10004
WorkOrder: HS21120860

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	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	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	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	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:									
HS21120860-03		HS21120860-04		HS21120860-08		HS21120860-09			

ALS Houston, US

Date: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L10004
WorkOrder: HS21120860

**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 Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

ALS Houston, US

Date: 11-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: 11-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L10004
Work Order: HS21120860

SAMPLE TRACKING

Lab Samp ID	Client Sample ID	Action	Date	Person	New Location
HS21120860-01	1L10004-01	Login	12/15/2021 12:43:26 PM	BAF	WET301
HS21120860-01	1L10004-01	Login	12/15/2021 12:43:26 PM	BAF	RSK016
HS21120860-02	1L10004-08	Login	12/15/2021 12:43:26 PM	BAF	WET301
HS21120860-02	1L10004-08	Login	12/15/2021 12:43:26 PM	BAF	RSK016
HS21120860-03	1L10004-09	Login	12/15/2021 12:43:26 PM	BAF	WET301
HS21120860-03	1L10004-09	Login	12/15/2021 12:43:26 PM	BAF	RSK016
HS21120860-04	1L10004-10	Login	12/15/2021 12:43:26 PM	BAF	WET301
HS21120860-04	1L10004-10	Login	12/15/2021 12:43:26 PM	BAF	RSK016
HS21120860-04	1L10004-10	Login	12/15/2021 12:43:26 PM	BAF	LVI019
HS21120860-05	1L10004-11	Login	12/15/2021 12:43:26 PM	BAF	WET301
HS21120860-05	1L10004-11	Login	12/15/2021 12:43:26 PM	BAF	RSK016
HS21120860-05	1L10004-11	Login	12/15/2021 12:43:26 PM	BAF	LVI019
HS21120860-06	1L10004-12	Login	12/15/2021 12:43:26 PM	BAF	WET301
HS21120860-06	1L10004-12	Login	12/15/2021 12:43:26 PM	BAF	RSK016
HS21120860-06	1L10004-12	Login	12/15/2021 12:43:26 PM	BAF	LVI019

ALS Houston, US

Date: 11-Jan-22

Sample Receipt Checklist

Work Order ID: HS21120860

Date/Time Received: 14-Dec-2021 10:55

Client Name: Permian Basin Lab

Received by: Jared R. Makan

Completed By: /S/ Bernadette A. Fini	15-Dec-2021 12:56	Reviewed by: /S/ Bernadette A. Fini	16-Dec-2021 08:26
eSignature	Date/Time	eSignature	Date/Time

Matrices: WaterCarrier 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 ☐	COC IDs:none
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):	1.1C U/C IR31		
Cooler(s)/Kit(s):	red		
Date/Time sample(s) sent to storage:	12/14/2021 18:00		
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:



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

 Permian Basin Environmental Lab, LP
 1400 Rankin HWY

 Phone: 432-686-7235
 PBELAB_SUB_COC_V2

Project Manager: Brent Barron

Company Name: PBEL

Company Address: 1400 Rankin HWY

City/State/Zip: Midland Texas 79701

Telephone No: 432-661-4184

Sampler Signature: N/A

HS21120860

 Permian Basin Environmental Lab, LP
 1L10004


Fax No:

e-mail: brentbarron@pbelab.com

Project Name: SUBCONTRACT

Project #:

Project Loc:

PO #:

Report Format: ☒ Standard ☐ TRRP ☐ NPDE

(lab use only)

ORDER #:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	ICE	HNO ₃ 300 Poly	HCl 3.40mL VOA	H ₂ SO ₄ 1.2mL 500 250 Poly	NaOH 12NAC 250 Poly 1	Na ₂ SiO ₃	None Poly 50mL 250mL Glass Amber 1000 500 mL	NONE 3 AMBER VOAA VIALS	DW=Drinking Water SL=Sludge	CW = Groundwater S=Soil/Solid	NP=Non-Polable Specify Other	8270C PAH-LL	METALS RCRA 8 TCLP ICPMS/7471	TOC SM6310	RSK-175 Methane, Ethane, Ethene	8270C SEMIVOLATILE	Cr TCLP ICPMS 6020A	Cd TCLP ICPMS 6020A	8260C SEMIVOLATILE	METHANOL 6015M	GLYCOLS-DI 8015B	HG TOTAL CVAA 7470	ASBESTOS	24 HOUR	STANDARD 4 DAY		
	1L10004-14			12/9/2021	15:01	7	X							X	W	X			X	X	X	X										X		
	1L10004-15			12/9/2021	16:05	7	X							X	W	X			X	X	X	X											X	
	1L10004-16			12/9/2021	16:30	3	X							X	W	X			X														X	
	1L10004-17			12/9/2021	17:00	3	X							X	W	X			X														X	
	1L10004-18			12/9/2021	17:15	3	X							X	W	X			X														X	
	1L10004-19			12/9/2021	17:30	3	X							X	W	X			X														X	

Special Instructions:

Relinquished by:	Date	Time		Date	Time	Laboratory Comments:	
Brent Barron	12/13/2021	16:00					
Relinquished by:	Date	Time	Received by:	Date	Time	Sample Containers Intact?	Y N
			<i>[Signature]</i>	12/14/21	6:05	VOCs Free of Headspace?	Y N
Relinquished by:	Date	Time	Received by:	Date	Time	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	Y N
						Temperature Upon Receipt:	
						Received: 6.1 °C	
						Adjusted: °C Factor	

RED IR71 CPO



Phone: 432-686-7235
PBELAB SUB COC V2

Project Name: SUBCONTRACT

Project #:

Project Loc:

PO #:

Report Format: X Standard ☐ TRRP ☐ YPO

e-mail: brentbarron@pbelab.com

Permian Basin Environmental Lab. LP
1L10004



LAB # (lab use only)		FIELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers						Matrix	Analyze For:																				
LAB # (lab use only)		FIELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	ICE	HNO ₃ 250ppm, 1	HCl 3.40mL VOA	H ₂ SO ₄ 1.1A-400 500 250 poly	NaOH 12NAC 250 Poly 1	Na ₂ S ₂ O ₈	None Poly 500mL 250mL	Glass Amber 1000 500 mL	NONE 3 AMBER VOAA VIALS	DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Petroleum Specify Other	8270C PAH LL	METALS RCRA 8 TCLP ICPMS/7471	TOC SM531D	RSK-175 Methane, Ethane, Ethene	2400 COMPLETE LIST N H 4	8270C SEMIVOLATILE	Cr TCLP ICPMS 6020A	Cd TCLP ICPMS 6020A	8260C SEMIVOLATILE	METHANOL 8015M	GLYCOLS-DI 8015B	HG TOTAL CVAA 7470	ASBESTOS	24 HOUR	STANDARD 4 DAY	
		1L10004-01				12/9/2021	9:23		4	X										W			X	X	X											X	
		1L10004-08				12/9/2021	11:46		4	X										W			X	X	X												
		1L10004-09				12/9/2021	12:17		4	X										W			X	X	X												
		1L10004-10				12/9/2021	13:06		7	X										W	X		X	X	X												
		1L10004-11				12/9/2021	12:40		3	X						X				W	X		X	X	X												
		1L10004-12				12/9/2021	13:50		3	X						X				W	X																
		1L10004-13				12/9/2021	14:05		3	X						X				W	X																

Special Instructions:

Relinquished by:

Brent Barron

Date

12/13/2021

Time

16:00

Relinquished by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

12/14/21

Time

10:55

Received by:

Date

Time

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: 1.1 C

Adjusted:

C Factor



Package
US Airbill

FedEx
Tracking
Number

8161 1355 9282

Form
ID No.

0200

1 From [REDACTED]

Date

Sender's
Name

Phone

Company

Address

Dept./Room/Suite/Room

City

State

ZIP

2 Your Internal Billing Reference

3 To

Recipient's
Name

Phone

Company

Address

We cannot use PO boxes or P.O. ZIP codes.

Dept./Room/Suite/Room

Address

Use this to specify a HOLD location address or for coordination of your shipping address.

City

State

ZIP

Hold Weekday
FedEx location address
REQUIRED. NOT available for
FedEx First Overnight.

Hold Saturday
FedEx location address
REQUIRED. Available ONLY for
FedEx Priority Overnight and
FedEx 2Day to select locations.

FedEx
TRK# 8161 1355 9282
0200

AD CQDA

TUE - 14 DEC AA
STANDARD OVERNIGHT

77099

TX-US

4 Express Package Service

* To meet locations.

Packages up to 150 lbs.
For packages over 150 lbs., use the
FedEx Express Freight US Airbill.

Next Business Day

☐ FedEx First Overnight
Earliest next business morning delivery to select
locations. Friday shipments will be delivered on
Monday unless Saturday delivery is selected.

☐ FedEx Priority Overnight
Next business morning. Friday shipments will be
delivered on Monday unless Saturday delivery
is selected.

☐ FedEx Standard Overnight
Next business afternoon.
Saturday delivery NOT available.

2 or 3 Business Days

☐ FedEx 2Day A.M.
Second business morning.
Saturday delivery NOT available.

☐ FedEx 2Day
Second business afternoon. Thursday shipments
will be delivered on Friday unless Saturday
delivery is selected.

☐ FedEx Express Saver
Third business day.
Saturday delivery NOT available.

5 Packaging

* Declared value limit \$500.

☐ FedEx Envelope*

☐ FedEx Pak*

☐ FedEx
Box

☐ FedEx
Tube

☐ Other

6 Special Handling and Delivery Signature Options

Fees may apply. See the FedEx Service Guide.

☐ Saturday Delivery

NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required
Package may be left without
obtaining a signature for delivery.

☐ Direct Signature
Signature at recipient's address.
May require delivery.

☐ Indirect Signature
If no one is available at recipient's
address, signature at a neighboring
address may be required for delivery. For
residential deliveries only.

Does this shipment contain dangerous goods?

Date box must be checked.

☐ No

☐ Yes
As per attached
Shipper's Declaration

☐ Yes
Shipper's Declaration
not required

☐ Dry Ice
Dry Ice, 8, UN 1845

☐ Cargo Aircraft Only

7 Payment Bill to:

☐ Sender
Account No. in Section
1 will be billed.

☐ Recipient

☐ Third Party

Enter FedEx Acct. No. below.

Optional: Enter
FedEx Acct. No.

Total Packages

Total Weight

*Our liability is limited to \$500 unless you declare a higher value. See the current FedEx Service Guide for details.

Rev. Date 4-15-14 • Form #507002 • ©2017-2019 FedEx • PRINTED IN U.S.A.

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**APPENDIX B:
Release Notification and Corrective Action
(NMOCD Form C-141)**

DISTRICT I

P.O. BOX 1980, HOBBS, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources DepartmentSUBMIT 2 COPIES TO
APPROPRIATE DISTRICT
OFFICE IN ACCORDANCE
WITH RULE 116 PRINTED
ON BACK SIDE OF FORM**DISTRICT II**P.O. DRAWER DD, ARTESIA, NM 88211-
0719**OIL CONSERVATION DIVISION****DISTRICT III**

1000 Rio Brazos Rd, Aztec, NM 87410

P.O. Box 2088
Santa Fe, New Mexico 87504-2088*Initial Report***NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS**

OPERATOR Texas-New Mexico Pipe Line Company			ADDRESS P. O. Box 60028, San Angelo, TX 76906			TELEPHONE (915) 947-9000	
REPORT OF	FIRE	BREAK	SPILL	LEAK X	BLOWOUT	OTHER*	
TYPE OF FACILITY	DRLG WELL	PROD WELL	TANK BTRY	PIPE LINE X	GASO PLANT	OIL RFY	OTHER*
FACILITY NAME: 4" gathering line							
LOCATION OF FACILITY Qtr/Qtr Sec. or Footage. SW/4 SW/4 SE/4 SE/4			SEC. 18	TWP. 11S	RGE. 35E	COUNTY Lea	
DISTANCE AND DIRECTION FROM NEAREST TOWN OR PROMINENT LANDMARK 2 miles west of Lovington							
DATE AND HOUR OF OCCURRENCE Unknown			DATE AND HOUR OF DISCOVERY April 16, 1997 4:00 p.m.				
WAS IMMEDIATE NOTICE GIVEN?		YES	NO	NOT REQUIRED X	IF YES, TO WHOM Wayne Price		
BY WHOM B. D. Chapman (reported that quantity may be more than 10 barrels)				DATE AND HOUR April 25, 1997 9:00 a.m.			
TYPE OF FLUID LOST Sweet Crude		QUANTITY OF LOSS Unknown (*see note below)		VOLUME RECOVERED None			
DID ANY FLUIDS REACH A WATERCOURSE?		YES	NO X	QUANTITY			
IF YES, DESCRIBE FULLY**							
DESCRIBE CAUSE OF PROBLEM AND REMEDIAL ACTION TAKEN** External Corrosion. Leak successfully clamped off.							
DESCRIBE AREA AFFECTED AND CLEANUP ACTION TAKEN** Approximately 1500 sq.ft. pasture land. Will remediate on site. *Originally estimated at 10 barrels. Under investigation. An amended report will be issued when quantity is determined.							
DESCRIPTION OF AREA		FARMING	GRAZING X	URBAN	OTHER*		
SURFACE CONDITION		SANDY	SANDY LOAM	CLAY	ROCKY X	WET	DRY X
RECORD GENERAL CONDITIONS PREVAILING (TEMPERATURE, PRECIPITATION, ETC.)** 75 degrees; clear							
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF							
SIGNED 		PRINTED NAME AND TITLE Edwin H. Gripp, District Manager			DATE April 25, 1997		

*SPECIFY

State Corp. Commission
Pipe Line Division

**ATTACH ADDITIONAL SHEETS IF NECESSARY

Hazardous Waste Section
NM Environmental Improvement Div.

TNM-97-04

BDC

District I

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

District II

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

District III

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

District IV

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

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

CONDITIONS

Action 92558

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	OGRID:
	34053
	Action Number: 92558
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2021 ANNUAL MONITORING REPORT: Content satisfactory Contractor anticipated actions approved by NMOCD and are as follows; 1. Continue operation of the Enhanced Recovery System during 2022. 2. Continue collecting "post carbon" monthly effluent water samples for concentrations of NMWQCC metals. 3. Continue with PSH recovery, quarterly groundwater monitoring/sampling, and monthly Recovery System sampling in 2022. 4. Sample for PAH those monitor and recovery wells which have historically exhibited elevated constituents near or above the NMWQCC standards, as necessary. 5. Complete low-flow sampling of MNA parameters on MW-10, MW-9, MW-5, MW-6, MW-15, and MW-14 during each quarterly sampling event. 6. Submit the Annual Monitoring Report to the NMOCD no later than March 31, 2023.	8/2/2022