

Contractor anticipated actions approved by NMOCD and are as follows;

1. Continue groundwater monitoring and bi-monthly PSH recovery in 2022
2. Continue bi-monthly pumping of monitor wells MW-9, MW-14, MW-26, and MW-32
3. Collect future samples for PAH analysis in monitor wells MW-1, MW-2, MW-4, MW-7, and MW-11 when measurable PSH is not observed
4. Conduct low-flow sampling of MNA parameters from MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11 during each quarterly sampling event
5. Submit the Annual Monitoring Report to the NMOCD no later than March 31, 2023.



2021
ANNUAL MONITORING REPORT

TNM SPS-11

NW ¼ SE ¼ of SECTION 18, TOWNSHIP 18 SOUTH, RANGE 36 EAST
LEA COUNTY, NEW MEXICO
PLAINS SRS NUMBER: TNM-SPS-11
NMOCD Reference GW-0140
Incident # nAPP2109538554

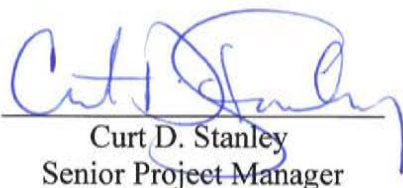
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March 2022


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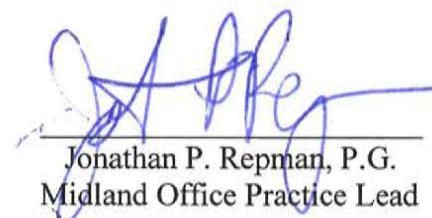

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INTRODUCTION

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. The TNM SPS-11 Release Site (the Site), which was formerly the responsibility of Texas New Mexico Pipe Line Company (TNMPL) and EOTT Energy Corporation (EOTT), which became Link Energy, is now the responsibility of Plains. This report is intended to be viewed as a complete document with text, figures, tables, and appendices. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2021 only. However, historical data tables, as well as 2021 laboratory analytical reports are included in this report. Historical information prior to August 19, 1999 does not appear because this data is unavailable. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2021 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). Each groundwater monitoring event consisted of measuring static water levels in monitor wells, checking for the presence of PSH on the water column and purging and sampling of each well exhibiting sufficient recharge. Monitor wells exhibiting a thickness of PSH greater than 0.01 foot were not sampled as per a NMOCD directive, with the exception of the 4th quarter, due to monitored natural attenuation (MNA) sampling activities.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The Site is located approximately fifteen (15) miles west of Hobbs, New Mexico in the NW ¼ of the SE ¼ of Section 18, Township 18 South, Range 36 East. Observations in the field indicated the surface topography in the area of the Site to be nearly flat. Ground cover consists of low grasses with few mesquite bushes. The predominant land usage in the vicinity of the Site is oil and gas production and range land.

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

Initial site investigation actions were performed for TNMPL and EOTT by previous consultants. A total of twenty-five (25) soil borings/groundwater monitoring wells (MW-1 through MW-25) were installed prior to October 1999 and six (6) monitor wells (MW-26 through MW-31) were installed

between May 2000 and December 2001. In 2004, two (2) additional monitor wells (MW-32 and MW-33) were installed. In March 2006, one (1) soil boring (SB-106) was advanced and two (2) monitor wells (MW-34 and MW-35) were installed. In September 2006, one (1) soil boring (SB-206) was advanced and three (3) monitor wells (MW-36, MW-37, and MW-38) were installed. On November 27, 2007, two (2) additional monitor wells (MW-39 and MW-40) were installed to further delineate the down gradient impact to groundwater.

Of the forty (40) monitor wells installed at the Site since project inception, two (2) monitor wells (MW-5 and MW-8) cannot be located. Monitor wells MW-20, MW-22, and MW-27 were plugged and abandoned September 14, 2005, after review of relevance and on approval of the NMOCD. There are currently thirty-five (35) monitor wells (MW-1 through MW-4, MW-6, MW-7, MW-9 through MW-19, MW-21, MW-23 through MW-26, and MW-28 through MW-40) on site.

FIELD ACTIVITIES

Product Recovery Efforts

Based on gauging data collected during the reporting period, a measurable thickness of PSH was detected in monitor wells MW-2, MW-4, MW-7, and MW-11 during the four (4) quarterly sampling events. PSH was detected in monitor well MW-1 during the 1st, 3rd, and 4th quarters of 2021. The maximum thickness of PSH in the monitor wells was 4.38 feet as recorded in monitor well MW-4 on November 15, 2021 and December 15, 2021. The average thickness of PSH in monitor wells exhibiting PSH was 1.24 feet. PSH data for the 2021 gauging events can be found in Table 1. PSH recovery is performed on a bi-monthly schedule by manual recovery methods. Approximately 165.8 gallons (3.95 barrels) of PSH was recovered manually from the Site during this reporting period.

Groundwater Monitoring

Quarterly monitoring events for the reporting period were performed according to the following sampling schedule, which was approved by the NMOCD in correspondence dated April 28, 2004, and amended by NMOCD correspondences dated June 22, 2005, May 2, 2006, and March 24, 2020.

NMOCD Approved Sampling Schedule subsequent to March 24, 2020 Modification					
MW-1	Quarterly	MW-15	Annually	MW-29	Semi-Annually
MW-2	Annually	MW-16	Quarterly	MW-30	Annually
MW-3	Annually	MW-17	Annually	MW-31	Annually
MW-4	Quarterly	MW-18	Semi-Annually	MW-32	Quarterly
MW-5	-	MW-19	Annually	MW-33	Annually
MW-6	Quarterly	MW-20	Plugged and abandoned	MW-34	Annually
MW-7	Quarterly	MW-21	Annually	MW-35	Semi-Annually
MW-8	-	MW-22	Plugged and abandoned	MW-36	Annually
MW-9	Quarterly	MW-23	Annually	MW-37	Annually
MW-10	Quarterly	MW-24	Semi-Annually	MW-38	Annually
MW-11	Quarterly	MW-25	Annually	MW-39	Annually
MW-12	Annually	MW-26	Quarterly	MW-40	Annually
MW-13	Annually	MW-27	Plugged and abandoned		
MW-14	Quarterly	MW-28	Quarterly		

The Site monitor wells were gauged and sampled on March 22-24, June 22-23, September 9-10, and December 14-16, 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-4, MW-9, MW-11, MW-14, MW-32, and MW-35 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 six (6) monitor wells (MW-4, MW-9, MW-11, MW-14, MW-32, and MW-35) 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.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during quarterly sampling events performed in 2021, are depicted on Figures 3A - 3D, the Inferred Groundwater Gradient Maps. Groundwater elevation data for 2021 is summarized in Table 1 and historical groundwater elevation data is summarized in Table 4.

The most recent Inferred Groundwater Gradient Map, Figure 3D, indicated a gradient of 0.0027 feet/foot to the southeast. This is consistent with data presented on Figures 3A through 3C from earlier in the year. The corrected groundwater elevations ranged between 3,789.12 and 3800.41 feet above mean sea level, in monitor well MW-35 on December 14, 2021, and in monitor well MW-25 on January 28, 2021, respectively. PSH data for the 2021 gauging events can be found in Table 1 and on Figures 5A - 5D, Figures 6A - 6D, and Figures 7A - 7D.

LABORATORY RESULTS

Based on the results of the groundwater monitoring and sampling activities over the past several years, it is believed the SPS-11 Site appears to be composed of multiple release incidents. Based on the results of the groundwater monitoring and sampling activities this Site is divided into three (3) separate areas. Each area is defined by impacted soil and groundwater; however, the areas are separated by historically non-impacted wells supported by analytical data. For discussion purposes, we have identified the area to the northwest as “Area 1” and consists of monitor wells MW-6, MW-9, MW-12, MW-13, MW-14, MW-15, MW-16, MW-23, MW-24, and MW-25. “Area 2” is the central area and consists of monitor wells MW-1, MW-2, MW-3, MW-4, MW-7, MW-10, MW-11, MW-18, MW-19, MW-21, and MW-39. “Area 3” is the area to the southeast and consists of

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

Monitor well MW-1 exhibited measurable PSH during the 3rd and 4th quarters and was not sampled. Monitor well MW-1 did not exhibit PSH during the 1st and 2nd quarters of the reporting period and was sampled. Monitor well MW-2 exhibited measurable PSH during the 2nd, 3rd and 4th quarters and was not sampled. Monitor well MW-2 did not exhibit PSH during the 1st quarter and was sampled. Monitor well MW-4 exhibited measurable PSH during the 1st, 2nd, 3rd, and 4th quarters, due to MNA parameter sampling monitor well MW-4 was sampled for BTEX and PAH constituents. Monitor well MW-7 exhibited measurable PSH during all four (4) quarters of the reporting period and was not sampled. Monitor well MW-11 exhibited measurable PSH during all four (4) quarters of the reporting period.

Groundwater samples obtained during quarterly sampling events of 2021 were delivered to Permian Basin Environmental Laboratories, Inc. in Midland, Texas for determination of Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) constituent concentrations by EPA Method 8021B. Polynuclear Aromatic Hydrocarbons (PAH) analysis by EPA Method 8270, was scheduled to be conducted during the 2021 calendar year on monitor wells MW-1, MW-2, MW-4, MW-7, and MW-11. Due to the presence of PSH in the above monitor wells, PAH analysis was not conducted on monitor wells MW-1, MW-2, and MW-7.

MNA parameters sampling activities were conducted during the 4th quarter of the reporting period and PAH analysis was conducted on monitor wells MW-4 and MW-11. A listing of BTEX constituent concentrations for 2021 are summarized in Table 2 and historical concentrations of BTEX in groundwater are summarized in Table 5. The 2021 polynuclear aromatic hydrocarbon concentrations in groundwater are summarized in Table 3 and historical polynuclear aromatic hydrocarbon concentrations in groundwater are summarized in Table 6. Copies of the laboratory reports generated for 2021 are provided in Appendix A. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 5A - 5D, 6A - 6D, and 7A - 7D.

Area 1 Monitor Wells

Monitor well MW-6 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory Reporting Limit (RL) and the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 2006. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-9 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.221 mg/L during the 4th quarter to 0.546 mg/L during the 1st quarter of 2021. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.00260 mg/L during the 3rd quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00192 mg/L during the 2nd

quarter to 0.199 mg/L during the 3rd quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 1st and 4th quarters to 0.20814 mg/L during the 3rd quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Please note, monitor well MW-9 was selected as MNA parameter well and is located “upgradient of the plume” location. Groundwater samples collected during the 4th quarter were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-9 stabilized at a pH of 6.56, a temperature of 21.25°C, Conductivity of 1.23 mhos/cm, ORP of -100 mV, DO of 0.26 mg/L, and turbidity of 261 NTU. Analytical benzene data for the previous ten (10) years was entered into the GSI Mann-Kendall Toolkit (GSI-MKT), which indicated the Concentration Trend was “Increasing” 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 “Increasing” 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 “Increasing” in monitor well MW-9. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Increasing” in monitor well MW-9.

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

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.

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 2nd quarter sampling event. 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 during the 4th quarter sampling event.

Monitor well MW-13 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory 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 installation of the monitor well in the 3rd quarter of 1999. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-14 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from less than the RL during the 4th quarter to 0.0341 mg/L during the 1st quarter of 2021. Benzene concentrations were above the NMOCD regulatory guidelines during the 1st and 2nd quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.00224 mg/L during the 3rd quarter of 2021.

Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 1st and 4th quarters to 0.00448 mg/L during the 2nd quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 1st and 4th quarters to 0.00626 mg/L during the 3rd quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Please note, monitor well MW-14 was selected as MNA parameter well and is located “upgradient within the plume” location. Groundwater samples collected during the 4th quarter were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-14 stabilized at a pH of 6.77, a temperature of 20.73°C, Conductivity of 1.20 mhos/cm, ORP of -124 mV, DO of 5.50 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 “Decreasing” 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 “Decreasing” 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 reference Tables 7 through 10 for benzene, toluene, ethylbenzene, and xylene Constituent Trend Analysis, respectively. Analytical results of MNA constituent samples will be summarized in the Monitored Natural Attenuation Results Summary Section of this Report.

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

Monitor well MW-15 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 guidelines during the 2nd quarter of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 2002. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-16 is sampled on a quarterly schedule and could not be sampled during all four (4) quarterly sampling events due to insufficient groundwater in the monitor well.

Monitor well MW-23 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 2nd quarter of 2003. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-24 and is sampled on a semi-annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during the 2nd and 4th quarters of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 2017. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-25 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 3rd quarter of 1999. PAH analysis was not required during the 4th quarter sampling event.

Area 2 Monitor Wells

Monitor well MW-1 is monitored/sampled on a quarterly schedule. Monitor well MW-1 was not sampled during 3rd and 4th quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.03 feet, and 0.02 feet were reported during the 3rd and 4th quarter sampling events of 2021, respectively.

Monitor well MW-1 was sampled during the 1st and 2nd quarters of 2021 and the analytical results indicated benzene concentrations ranged from 2.71 mg/L during the 1st quarter to 3.52 mg/L during the 2nd quarter of 2021. Benzene concentrations were above the NMOCD regulatory guideline during the 1st and 2nd quarters of the reporting period. Toluene concentrations ranged from 0.0346 mg/L during the 2nd quarter to 0.0598 mg/L during the 1st quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during the 1st and 2nd quarters of 2021. Ethylbenzene concentrations ranged from 0.0934 during the 2nd quarter to 0.152 mg/L during the 1st quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the 1st and 2nd quarters of the reporting period. Xylene concentrations ranged from 0.0999 mg/L during the 2nd quarter to 0.2537 mg/L during the 1st quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines during the 1st and 2nd quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-2 is monitored/sampled on a quarterly schedule. Monitor well MW-2 was not sampled during 2nd, 3rd, and 4th quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.04 feet, 0.07 feet, and 0.06 feet were reported during the 2nd, 3rd, and 4th quarters of 2021, respectively.

Monitor well MW-2 was sampled during the 1st quarter of 2021 and the analytical results indicated the benzene concentration was 0.256 mg/L. The benzene concentration was above the NMOCD regulatory guideline during the 1st quarter of the reporting period. The toluene concentration was 0.0937 mg/L during the 1st quarter of 2021. The Toluene concentration was below the NMOCD regulatory guidelines during the 1st quarter of 2021. The ethylbenzene concentration was 1.74 mg/L during the 1st quarter of 2021. The ethylbenzene concentration was above the NMOCD regulatory guideline during the 1st quarter of the reporting period. The xylene concentration was 1.554 mg/L during the 1st quarter of 2021. The xylene concentration was above the NMOCD regulatory

guideline during the 1st quarter of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-3 is sampled on 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 installation of the monitor well in the 3rd quarter of 1999. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-4 is monitored on a quarterly schedule. Monitor well MW-4 was not sampled during the 1st, 2nd, and 3rd quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 3.92 feet, 4.16 feet, 4.30 feet, and 4.38 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2021, respectively.

Monitor well MW-4 was selected as an MNA parameter well and is located in the “Center of Plume”. PSH thicknesses were removed prior to the collection of groundwater samples during the 4th quarter of the reporting period and groundwater samples were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-4 stabilized at a pH of 6.90, a temperature of 19.92°C, Conductivity of 0.447 mhos/cm, ORP of -32 mV, DO of 2.07 mg/L, and turbidity 91.3 NTU.

The analytical results indicated the benzene concentration was 1.82 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 0.00452 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 1.66 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 1.298 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.

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

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for fluorene (0.0042 mg/L), phenanthrene (0.0056 mg/L), and naphthalene (0.132 mg/L).

Groundwater samples collected during the 4th quarter were obtained using low-flow sampling techniques. 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.

Monitor well MW-7 is monitored on a quarterly schedule. Monitor well MW-7 was not sampled during all four (4) quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.54 feet, 0.78 feet, 0.94 feet, and 1.50 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2021, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-10 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 2015. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-11 is monitored on a quarterly schedule. Monitor well MW-11 was not sampled during the 1st, 2nd, and 3rd quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 1.20 feet, 0.84 feet, 1.50 feet, and 1.12 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2021, respectively.

Monitor well MW-11 was selected as an MNA parameter well and is located in the “Cross-gradient 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 analytical results indicated the benzene concentration was 5.90 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 0.00439 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 3.45 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 2.198 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.

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

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for fluorene (0.0037 mg/L), phenanthrene (0.0051 mg/L), and naphthalene (0.164 mg/L).

Groundwater samples collected during the 4th quarter were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-11 stabilized at a pH of 6.45, a temperature of 22.24°C, Conductivity of 0.859 mhos/cm, ORP of -88 mV, DO of 0.41 mg/L, and turbidity of 386 NTU. 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.

Monitor well MW-18 is sampled on a semi-annual schedule. Monitor well MW-18 was scheduled to be sampled during the reporting period. Due to the lack of sufficient water during any of the four (4) quarters of the reporting period, no samples were collected or analyzed. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 3rd quarter of 1999. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-19 is sampled on an annual schedule. Monitor well MW-19 was scheduled to be sampled during the reporting period. Due to the lack of sufficient water during any of the four (4) quarters of the reporting period, no samples were collected or analyzed. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 2nd quarter of 2002. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-21 is sampled on an annual schedule. Monitor well MW-21 was scheduled to be sampled during the reporting period. Due to the lack of sufficient water during any of the four (4) quarters of the reporting period, no samples were collected or analyzed. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 2nd quarter of 2002. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-39 is sampled on 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 2nd quarter of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 2007. PAH analysis was not required during the 4th quarter sampling event.

Area 3 Monitor Wells

Monitor well MW-17 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 2nd quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 2014. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-26 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.0312 mg/L during the 3rd quarter of 2021. Benzene concentrations were above the NMOCD regulatory guideline during the 1st, 2nd, and 3rd quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.00910 mg/L during the 2nd quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.00303 mg/L during the 2nd quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations were less than the applicable

laboratory RL and the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-28 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 2019. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-29 is sampled on a semi-annual schedule. The analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during the 2nd and 4th quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-30 is sampled on an annual schedule. Monitor well MW-30 was scheduled to be sampled during the reporting period. Due to the lack of sufficient water during any of the four (4) quarters of the reporting period, no samples were collected or analyzed. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 2002. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-31 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory 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 2002. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-32 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from less than the RL during the 4th quarter to 0.00934 mg/L during the 1st quarter of 2021. Benzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.00450 mg/L during the 1st quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.00915 mg/L during the 1st quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.01757 mg/L during the 1st quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Please note, monitor well MW-32 was selected as MNA parameter well and is located “downgradient within the plume” location. Groundwater samples collected during the 4th quarter were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-32 stabilized at a pH of 6.69, a temperature of 21.08°C, Conductivity of 0.804 mhos/cm, ORP of -46 mV, DO of 0.97 mg/L, and turbidity of 267 NTU. Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was

“Decreasing” in monitor well MW-32. 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-32. 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-32. 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-32.

Please reference Tables 7 through 10 for benzene, toluene, ethylbenzene, and xylene Constituent Trend Analysis, respectively. Analytical results of MNA constituent samples will be summarized in the Monitored Natural Attenuation Results Summary Section of this Report.

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

Monitor well MW-33 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 2nd quarter of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 2004. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-34 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 2nd quarter of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 2009. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-35 is sampled on a semi-annual schedule and the analytical results indicated benzene, toluene, ethylbenzene, and xylene concentrations were less than the RL and NMOCD regulatory guidelines during the 2nd and 4th quarters. PAH analysis was not required during the 4th quarter sampling event.

Please note, monitor well MW-35 was selected as MNA parameter well and is located “down-gradient of plume” location. Groundwater samples collected during the 4th quarter were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-35 stabilized at a pH of 6.58, a temperature of 20.68°C, Conductivity of 0.998 mhos/cm, ORP of -28 mV, DO of 1.37 mg/L, and turbidity which was over range. Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in monitor well MW-35. 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-35. 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-35. 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-35.

Please reference Tables 7 through 10 for benzene, toluene, ethylbenzene, and xylene Constituent Trend Analysis, respectively. Analytical results of MNA constituent samples will be summarized in the Monitored Natural Attenuation Results Summary Section of this Report.

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

Monitor well MW-36 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 2nd quarter of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 2010. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-37 is sampled on 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 2nd quarter of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 3rd quarter of 2006. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-38 is sampled on 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 2nd quarter of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 3rd quarter of 2006. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-40 is sampled on 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 2nd quarter of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 2010. PAH analysis was not required during the 4th quarter sampling event.

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

MONITORED NATURAL ATTENUATION RESULTS SUMMARY

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 wells were sampled. These wells generally included one (1) well upgradient of the plume (MW-9), one (1) well upgradient within the plume (MW-14), one (1) well near the center of the plume (MW-4), one (1) well downgradient within the plume (MW-32), one (1) well downgradient of the plume (MW-35), and one (1) well cross-gradient of the plume center (MW-11).

The six (6) monitor wells (MW-4, MW-9, MW-11, MW-14, MW-32, and MW-35) were sampled for concentrations of BTEX using Method EPA 8021B, Total Organic Carbon (TOC) using Method EPA 415.1, Dissolved Methane Gas using RSK-175, Dissolved Ethane Gas using RSK-175, Dissolved Ethene Gas using RSK-175, Dissolved Iron (filtered) using Method EPA 6010B, Dissolved Manganese (filtered) using Method EPA 6010B, Anion Nitrate and Sulfate by Method EPA 300.0, and Chemical Oxygen Demand (COD) by 8000.

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

The analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor wells MW-14, MW-32, and MW-35 to 5.9 mg/L for monitor well MW-11. Please reference Table 7 for GSI-MKT benzene results.

The analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-9, MW-14, MW-32, and MW-35 to 0.00452 mg/L for monitor well MW-4. Please reference Table 8 for GSI-MKT toluene results.

The analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-14, MW-32, and MW-35 to 3.45 mg/L for monitor well MW-11. Please reference Table 9 for GSI-MKT ethylbenzene results.

The analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-9, MW-14, MW-32, and MW-35 to 2.198 mg/L for monitor well MW-11. Please reference Table 10 for GSI-MKT xylene results.

The analytical results for concentrations of TOC ranged from 1.88 mg/L for monitor well MW-4, to 53.0 mg/L for monitor well MW-14. Please reference Table 11 for GSI-MKT TOC results.

The analytical results for concentrations of Dissolved Methane ranged from 0.00332 mg/L for monitor well MW-32 to 6.12 mg/L for monitor well MW-11. Please reference Table 12 for GSI-MKT Dissolved Methane results.

The analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-32, and MW-35 to 0.0182 mg/L for monitor well MW-11. Please reference Table 13 for GSI-MKT Dissolved Ethane results.

The analytical results for concentrations of Dissolved Ethene ranged from less than the applicable laboratory RL for monitor wells MW-9, MW-4, and MW-11 to 0.00445 mg/L for monitor well MW-14. Please reference Table 14 for GSI-MKT Dissolved Ethene results.

The analytical results for concentrations of Dissolved Iron (filtered) ranged from 0.0758 mg/L for monitor well MW-32 to 14.5 mg/L for monitor well MW-9. Please reference Table 15 for GSI-MKT Dissolved Iron (filtered) results.

The analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.0499 mg/L for monitor well MW-32 to 0.691 mg/L for monitor well MW-9. Please reference Table 16 for GSI-MKT Dissolved Manganese (filtered) results.

The analytical results for concentrations of Nitrate ranged from less than applicable laboratory RL for monitor wells MW-9, MW-14, MW-35, and MW-11 to 1.23 mg/L for monitor well MW-4. Please reference Table 17 for GSI-MKT Nitrate results.

The analytical results for concentrations of Sulfate ranged from less than applicable laboratory RL for monitor wells MW-9 to 37.8 mg/L for monitor well MW-32. Please reference Table 18 for GSI-MKT Sulfate results.

The analytical results for concentrations of COD ranged from less than applicable laboratory RL for monitor wells MW-32 to 149 mg/L for monitor well MW-14. Please reference Table 19 for GSI-MKT COD results.

SUMMARY

This report presents the results of monitoring and sampling activities during the annual reporting period of 2021. There are currently thirty-five (35) monitor wells (MW-1 through MW-4, MW-6, MW-7, MW-9 through MW-19, MW-21, MW-23 through MW-26, MW-28 through MW-40), in three (3) separate plumes on site. The most recent Inferred Groundwater Gradient Map, Figure 3D, indicated a gradient of 0.0027 feet/foot to the southeast.

Based on gauging data collected during the reporting period, a measurable thickness of PSH was detected in monitor wells MW-2, MW-4, MW-7, and MW-11 during the four (4) quarterly sampling events. PSH was detected in monitor well MW-1 during the 1st, 3rd, and 4th quarters of 2021. The maximum thickness of PSH in the monitor wells was 4.38 feet as recorded in monitor well MW-4 on November 15, 2021 and December 15, 2021. The average thickness of PSH in monitor wells exhibiting PSH was 1.24 feet. PSH data for the 2021 gauging events can be found in Table 1. PSH recovery is performed on a bi-monthly schedule by manual recovery methods. Approximately 165.8 gallons (3.95 barrels) of PSH was recovered manually from the Site during this reporting period.

Review of laboratory analytical results from samples collected from monitor wells within Area 1 indicated BTEX constituent concentrations were above the NMOCD regulatory guidelines in one (1) of the ten (10) monitor wells within Area 1, during at least one (1) quarter of the reporting period. Please note, monitor well MW-16 was not sampled during the 2021 reporting period due to

insufficient groundwater in the monitor well. PAH analysis was not required on groundwater samples collected from Area 1 monitor wells.

Review of laboratory analytical results from samples collected from monitor wells within Area 2 indicated BTEX constituent concentrations were above the NMOCD regulatory guidelines in three (3) of the eleven (11) monitor wells within Area 2 during at least one (1) quarter of the reporting period. Please note, monitor wells MW-18, MW-19 and MW-21 lacked a sufficient water column for sampling during the 2021 reporting period. PSH was observed in five (5) monitor wells (MW-1, MW-2, MW-4, MW-7, and MW-11) within Area 2. PAH analysis was conducted on groundwater samples collected from monitor wells MW-4 and MW-11, PAH analysis was not conducted on groundwater samples collected from monitor wells MW-1, MW-2, and MW-7, due to the presence of PSH in the monitor wells.

Review of laboratory analytical results from samples collected from monitor wells within Area 3 indicated BTEX constituent concentrations were above the NMOCD regulatory guidelines in two (2) of the fourteen (14) monitor wells within Area 3, during at least one (1) quarter of the 2021 reporting period. Please note, monitor well MW-30 was not sampled during the 2021 reporting period, due to insufficient groundwater in the monitor well and PAH analysis was not required on groundwater samples collected from Area 3 monitor wells.

ANTICIPATED ACTIONS

Groundwater monitoring and bi-monthly PSH recovery will continue in 2022. Bi-monthly aggressive pumping of monitor wells MW-9, MW-14, MW-26, and MW-32 will continue and may be adjusted if warranted.

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

Future PAH analysis will be conducted in monitor wells MW-1, MW-2, MW-4, MW-7, and MW-11, when measurable PSH is not observed.

Low-flow sampling of MNA parameters will be conducted on monitor wells MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11 during each quarterly sampling event. Unforeseen circumstances may require modification of this sampling event.

LIMITATIONS

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

TRC has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. TRC has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. TRC has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. TRC also notes that the facts and conditions referenced in this

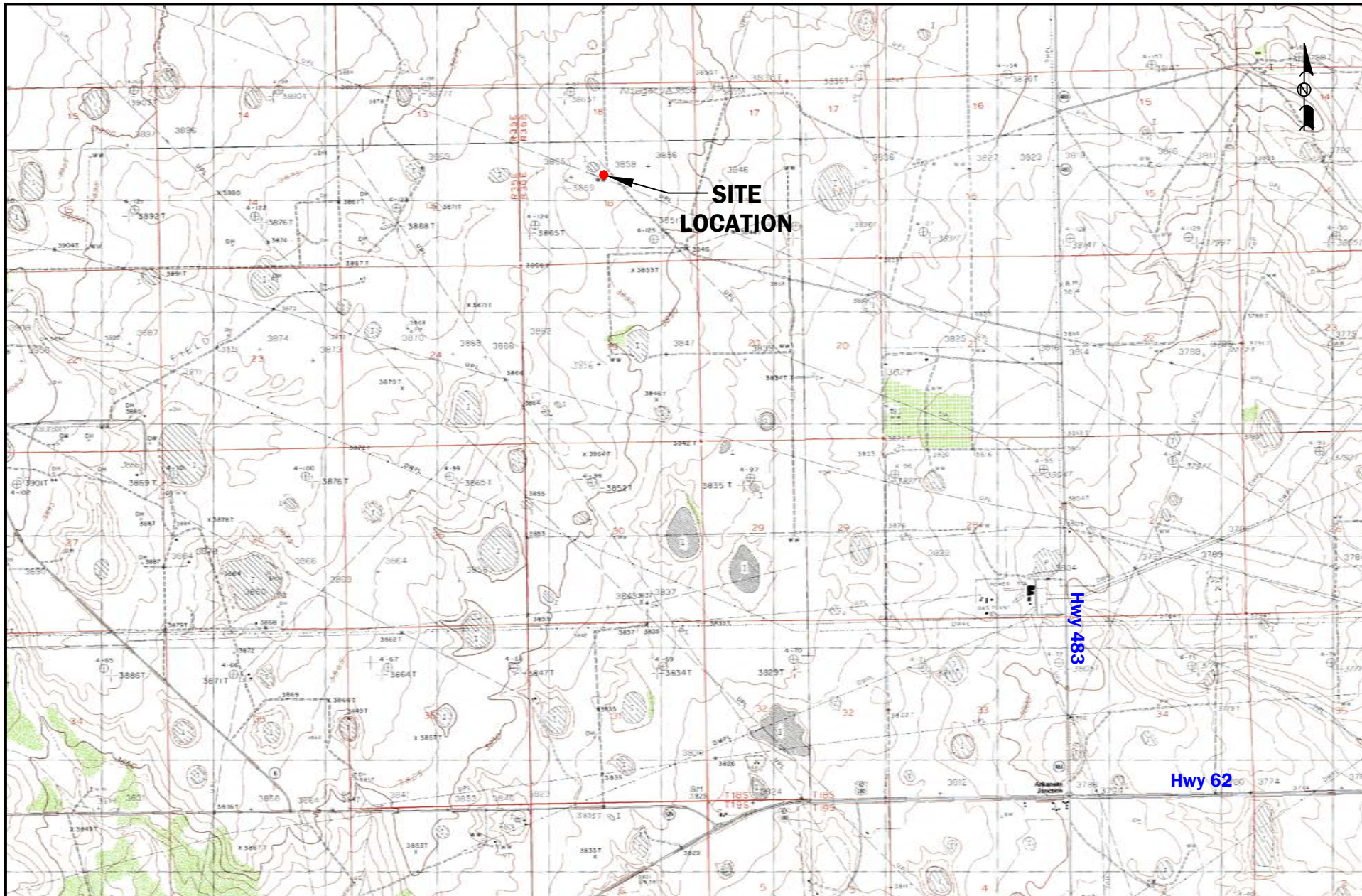
report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

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

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FIGURES



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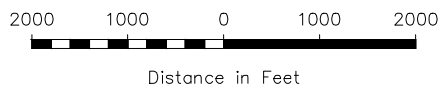


Figure 1
Site Location Map
Plains Marketing, L.P.
TNM SPS-11
NMOCD Reference # GW-0140-0
Lea County, NM

Scale: 1" = 2000'

CAD By: CS Checked By: CS

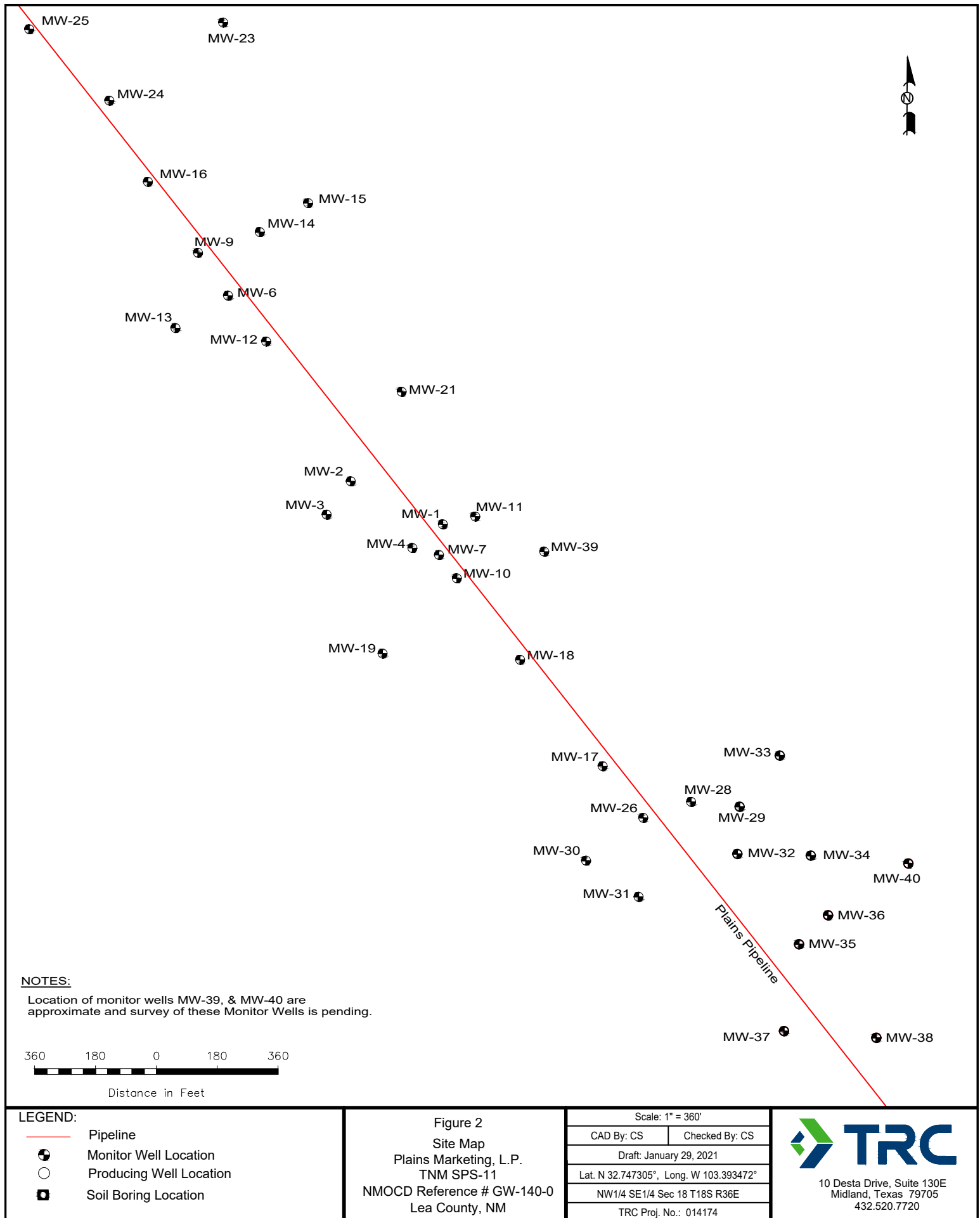
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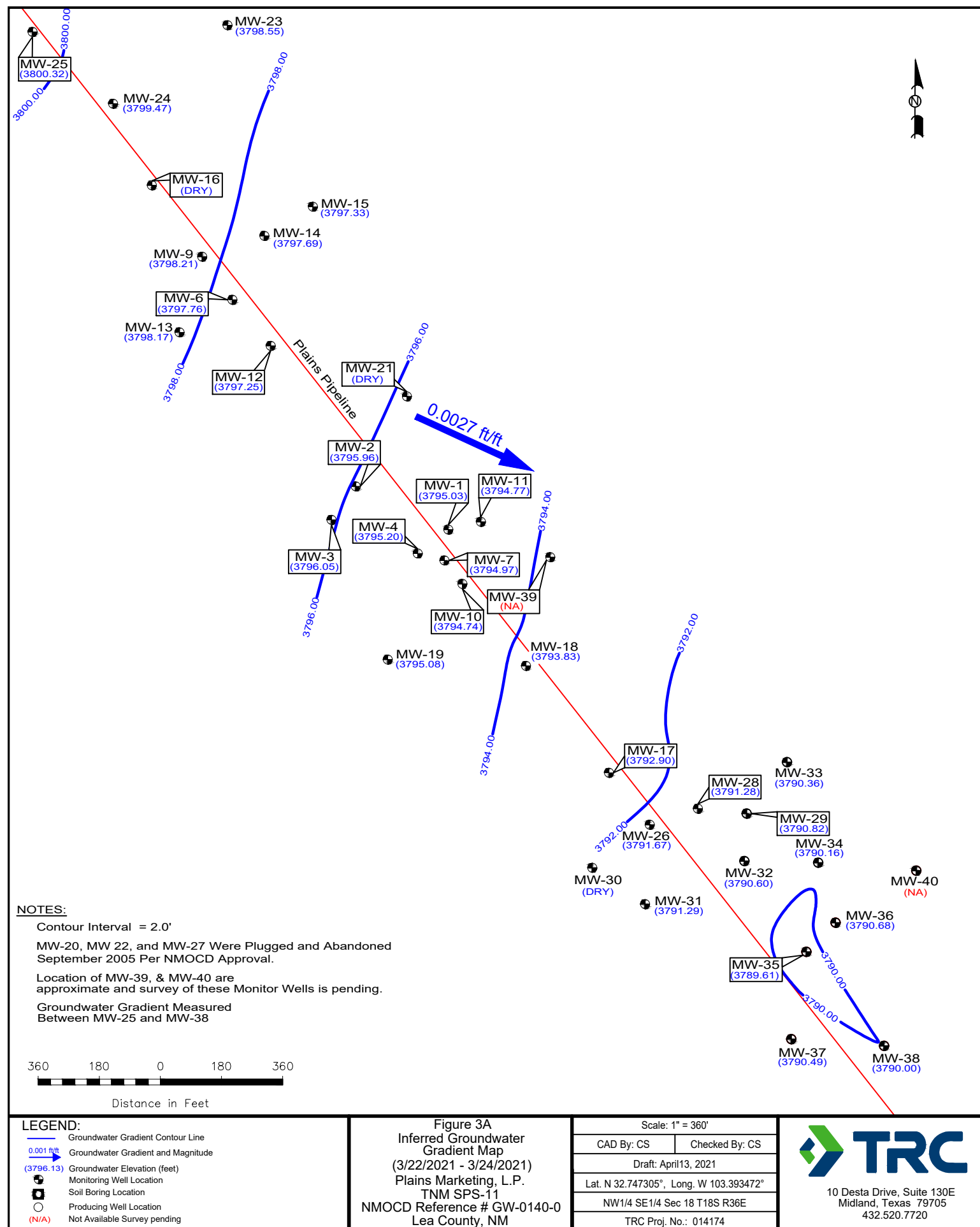
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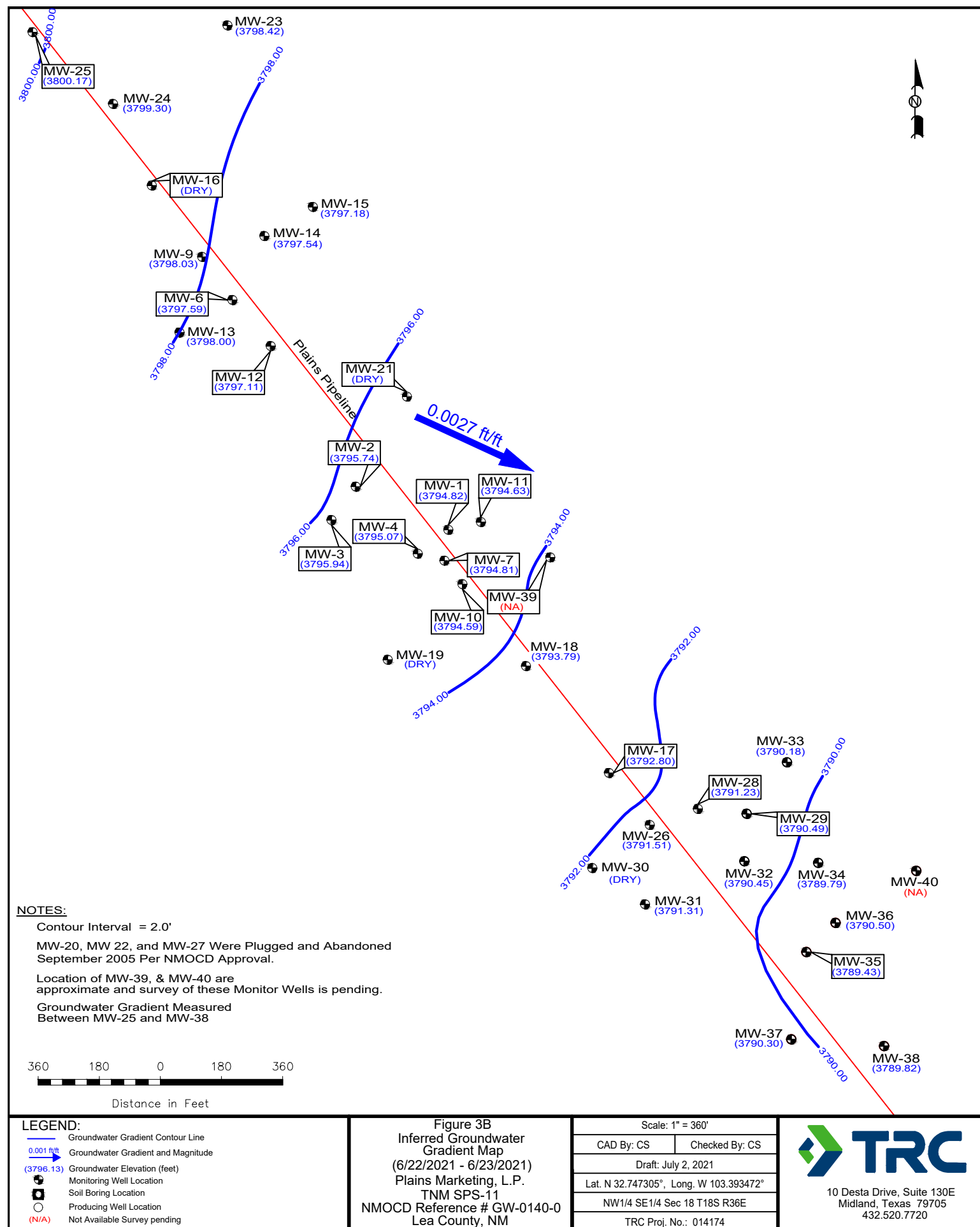
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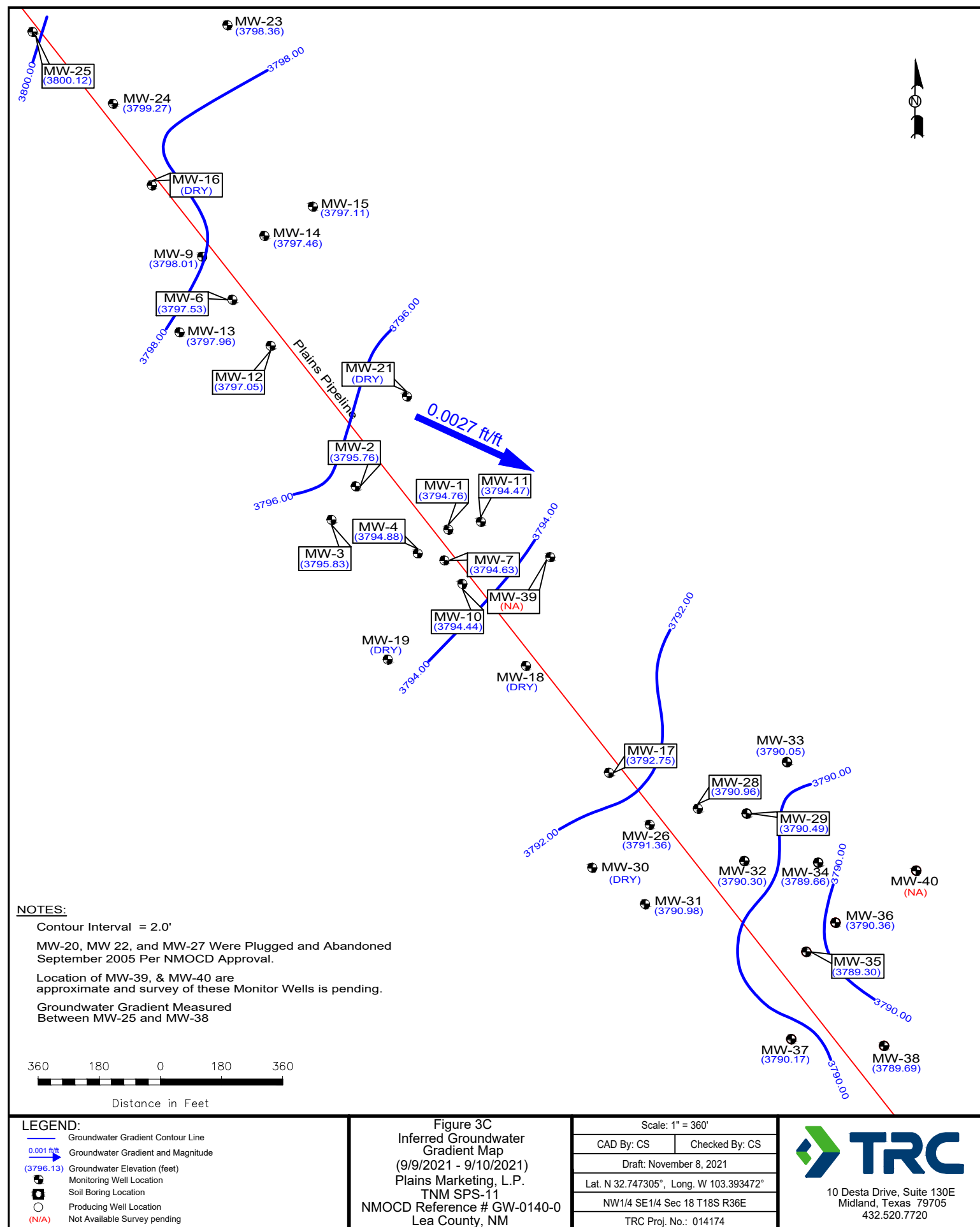
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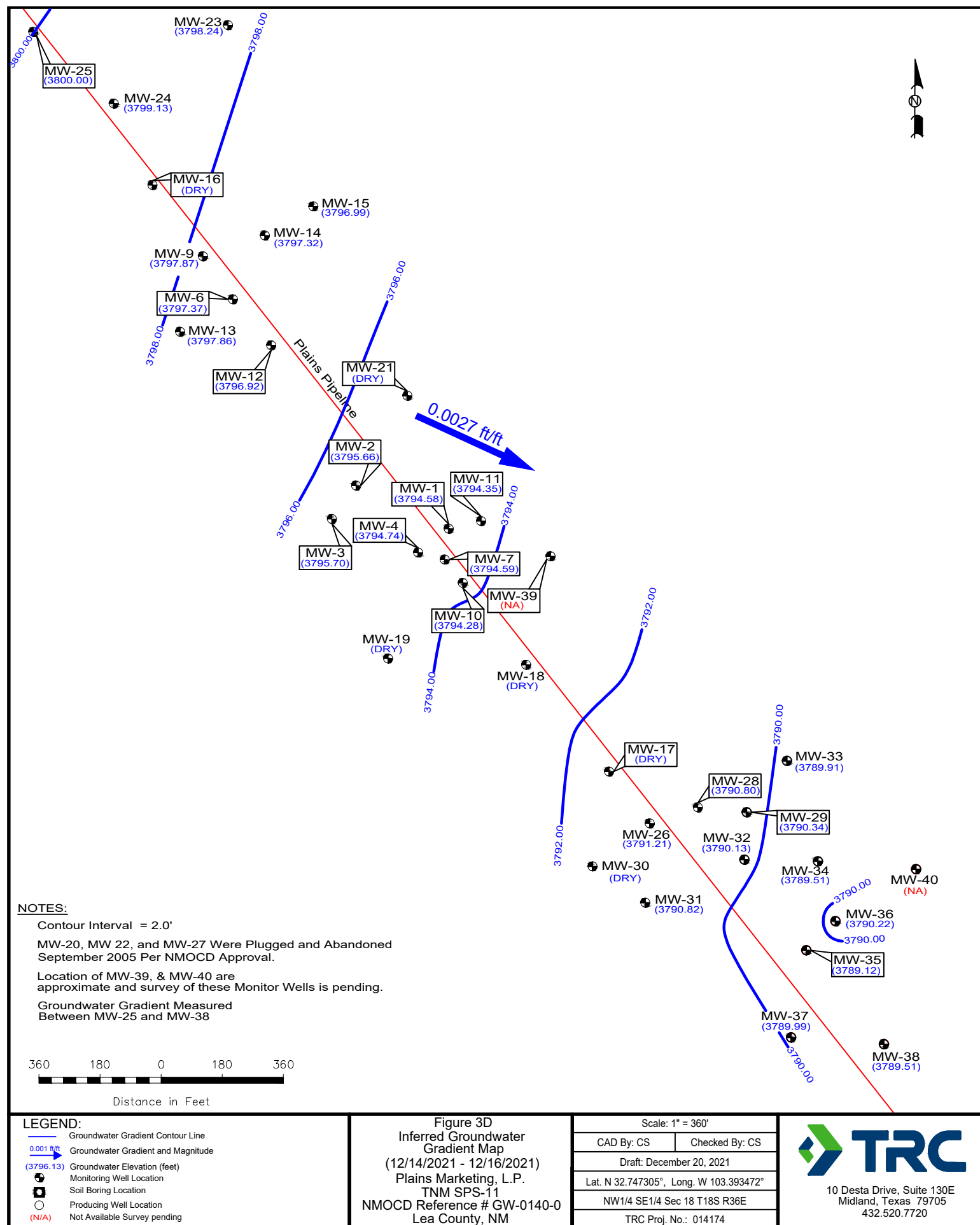
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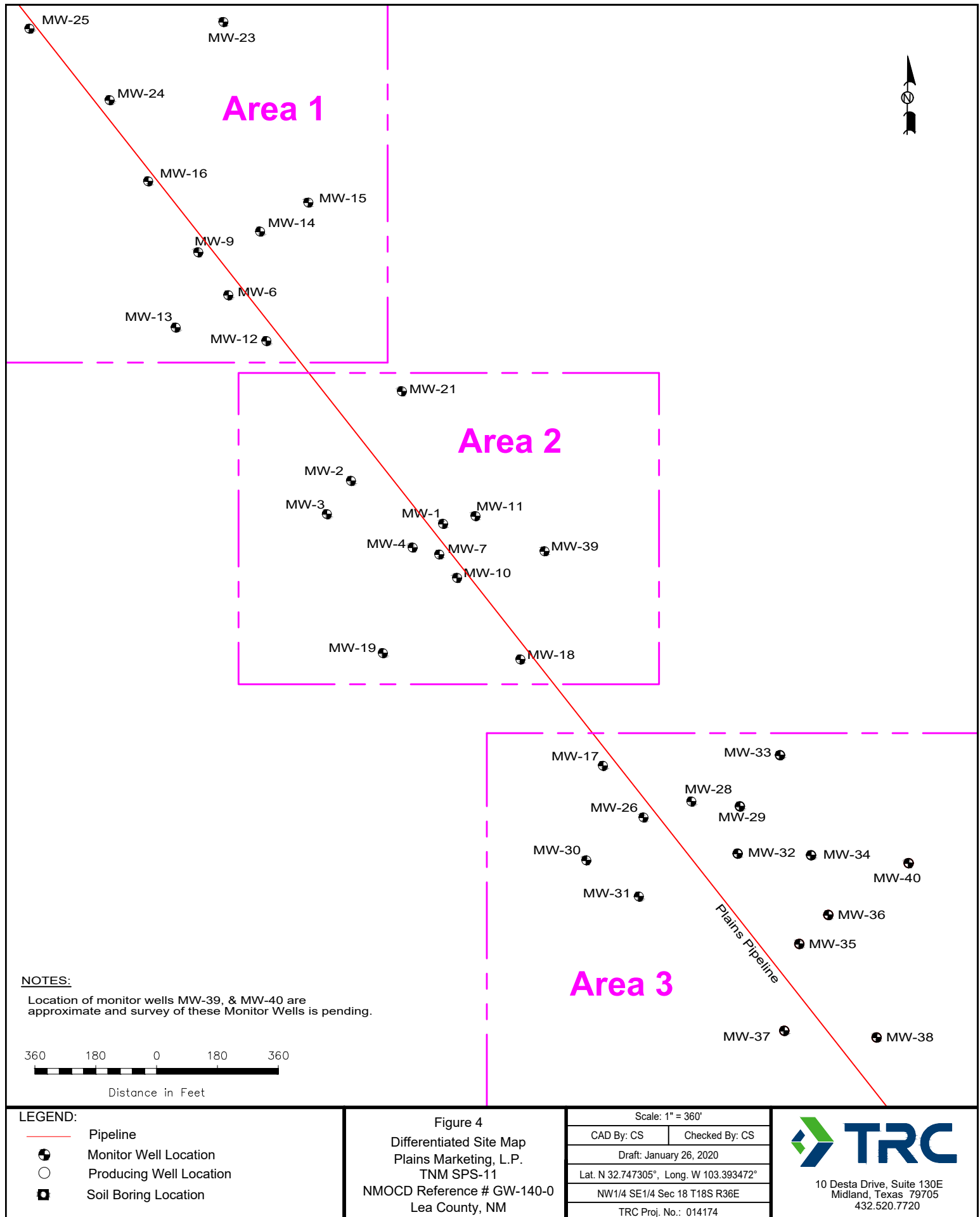


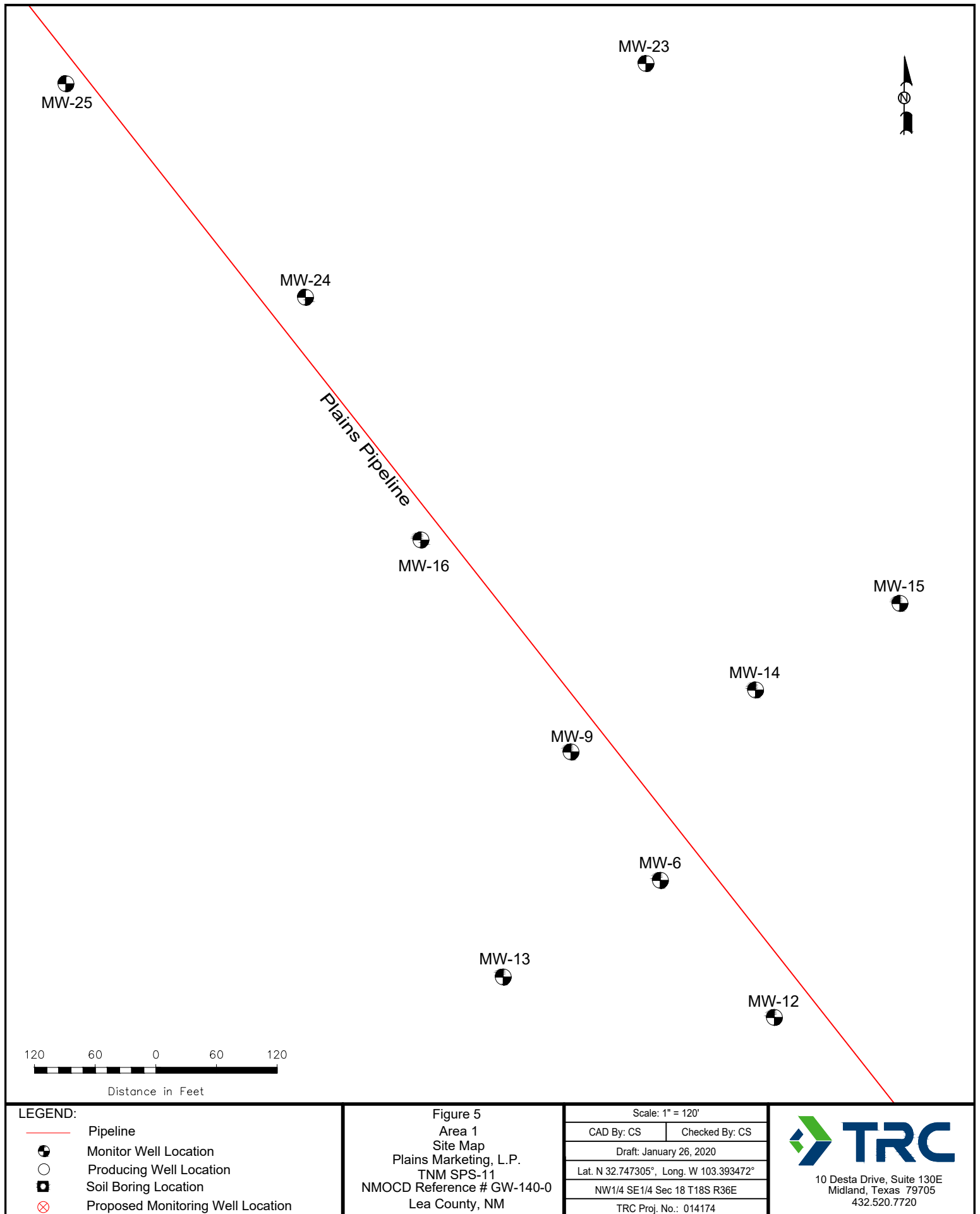


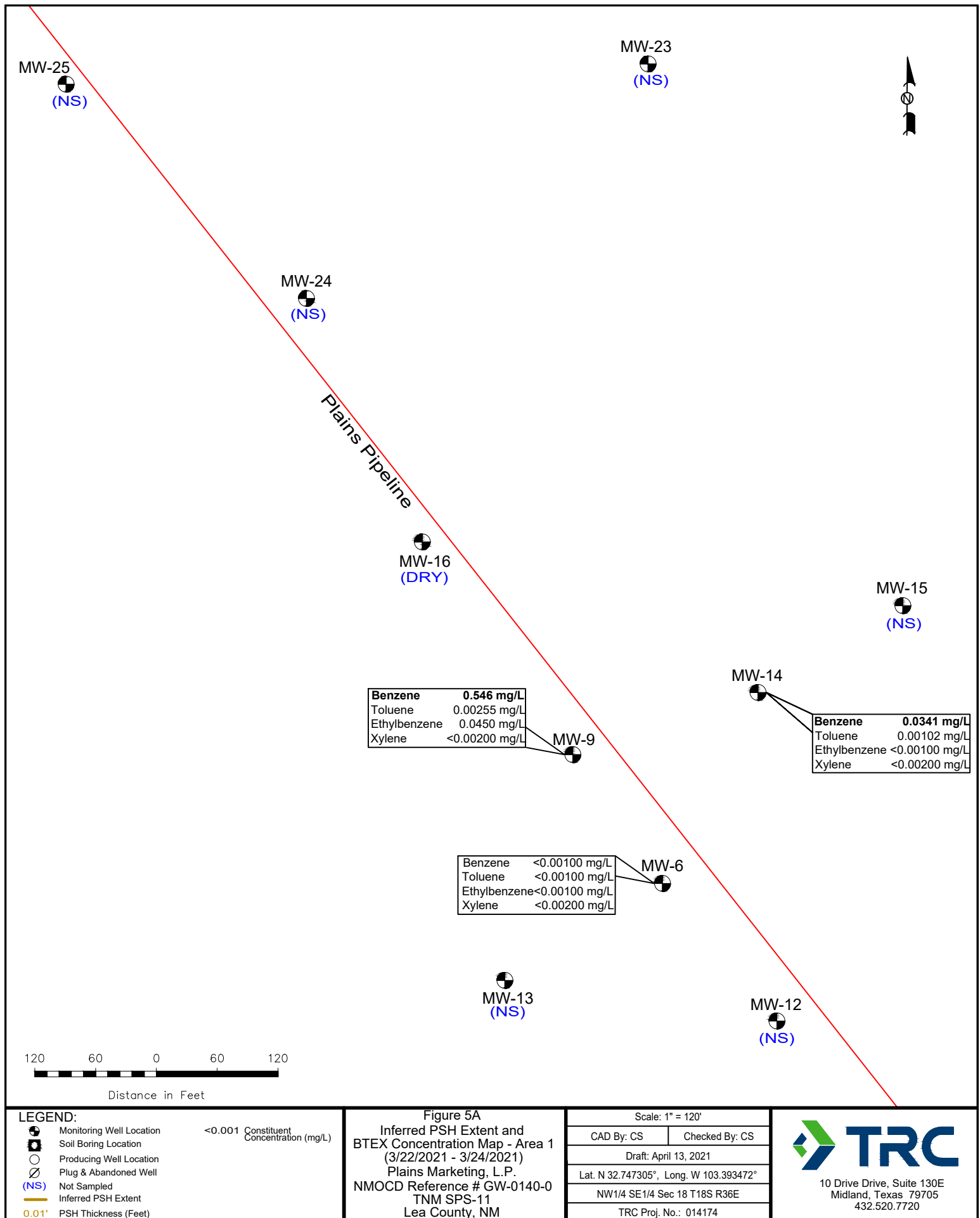


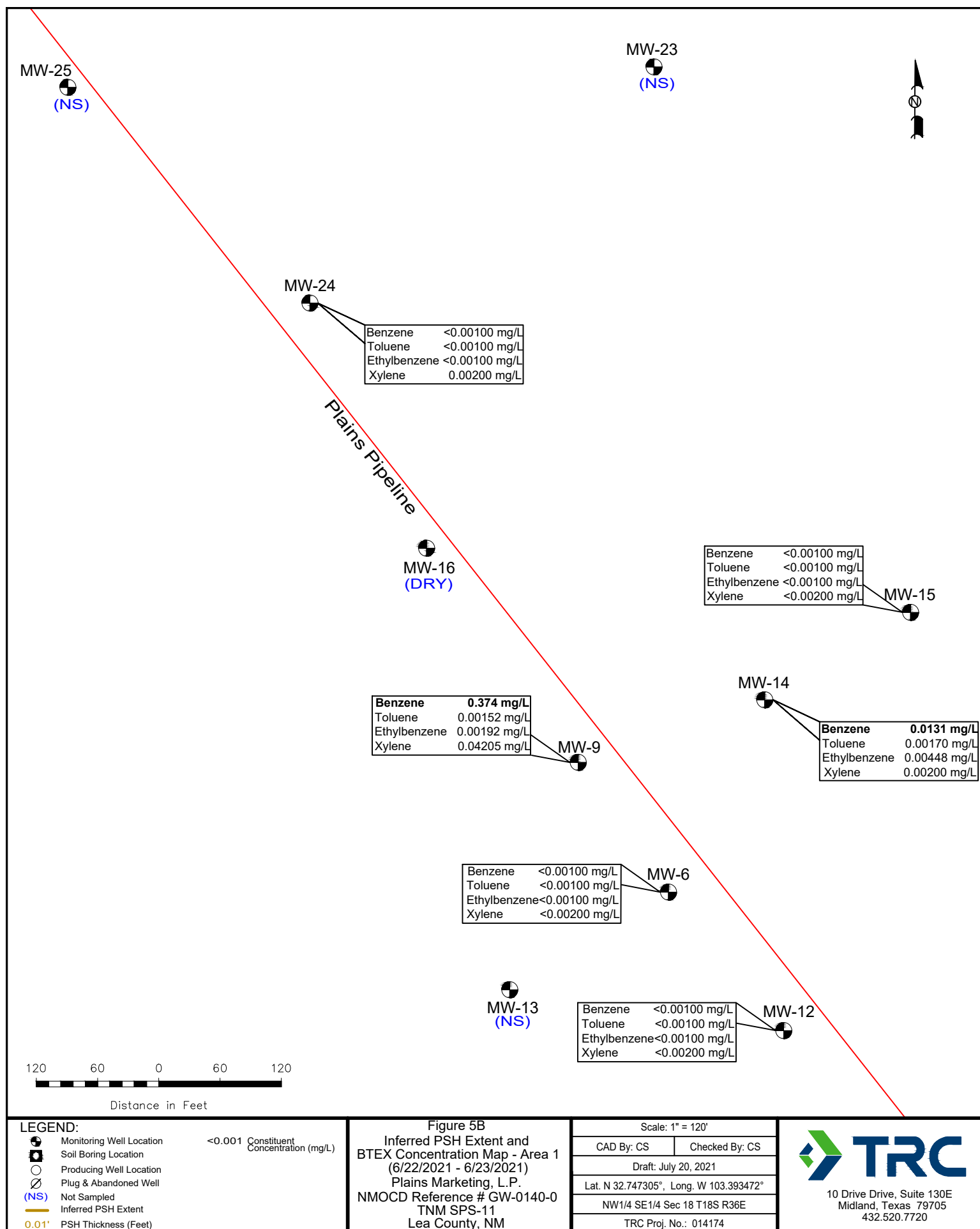


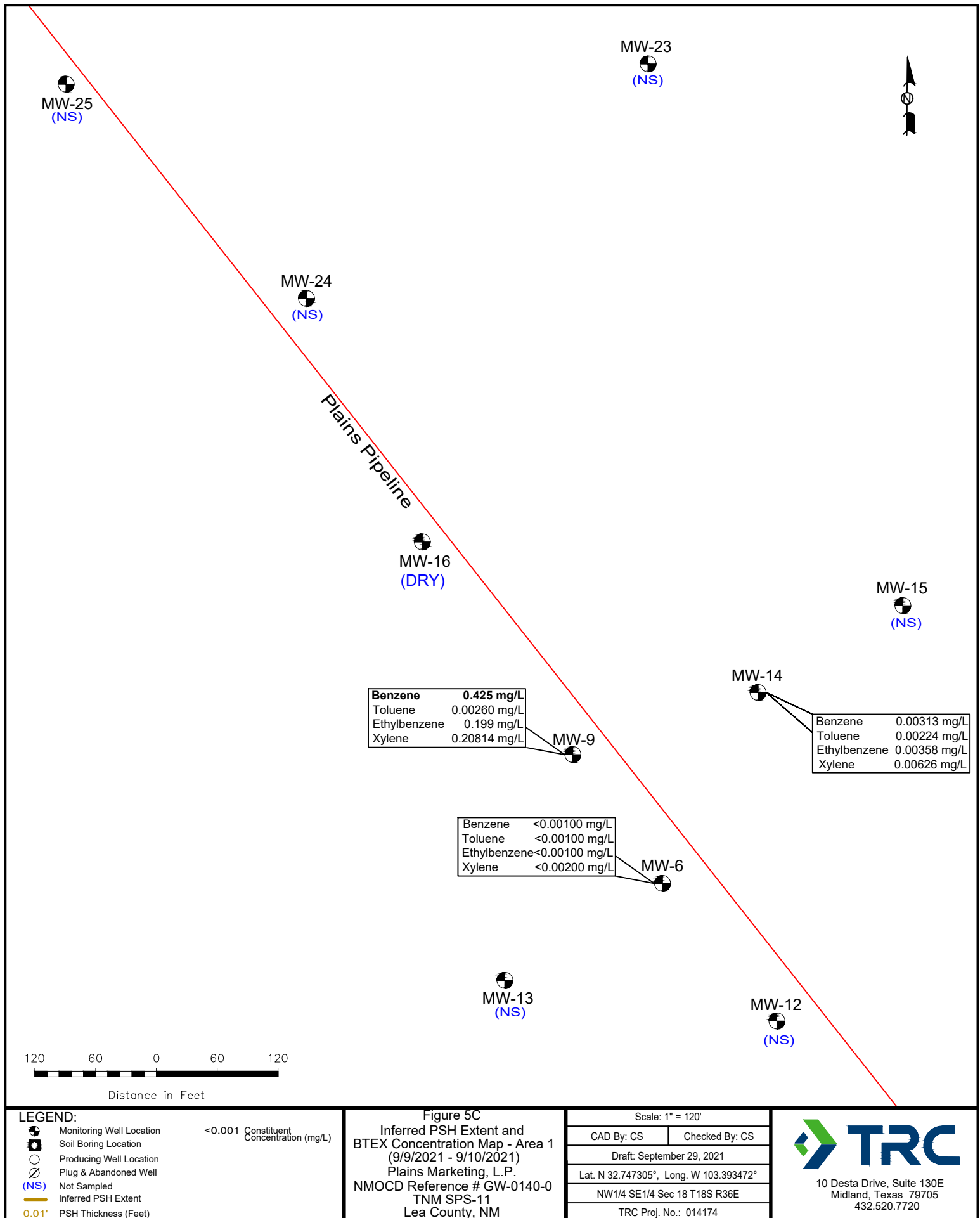


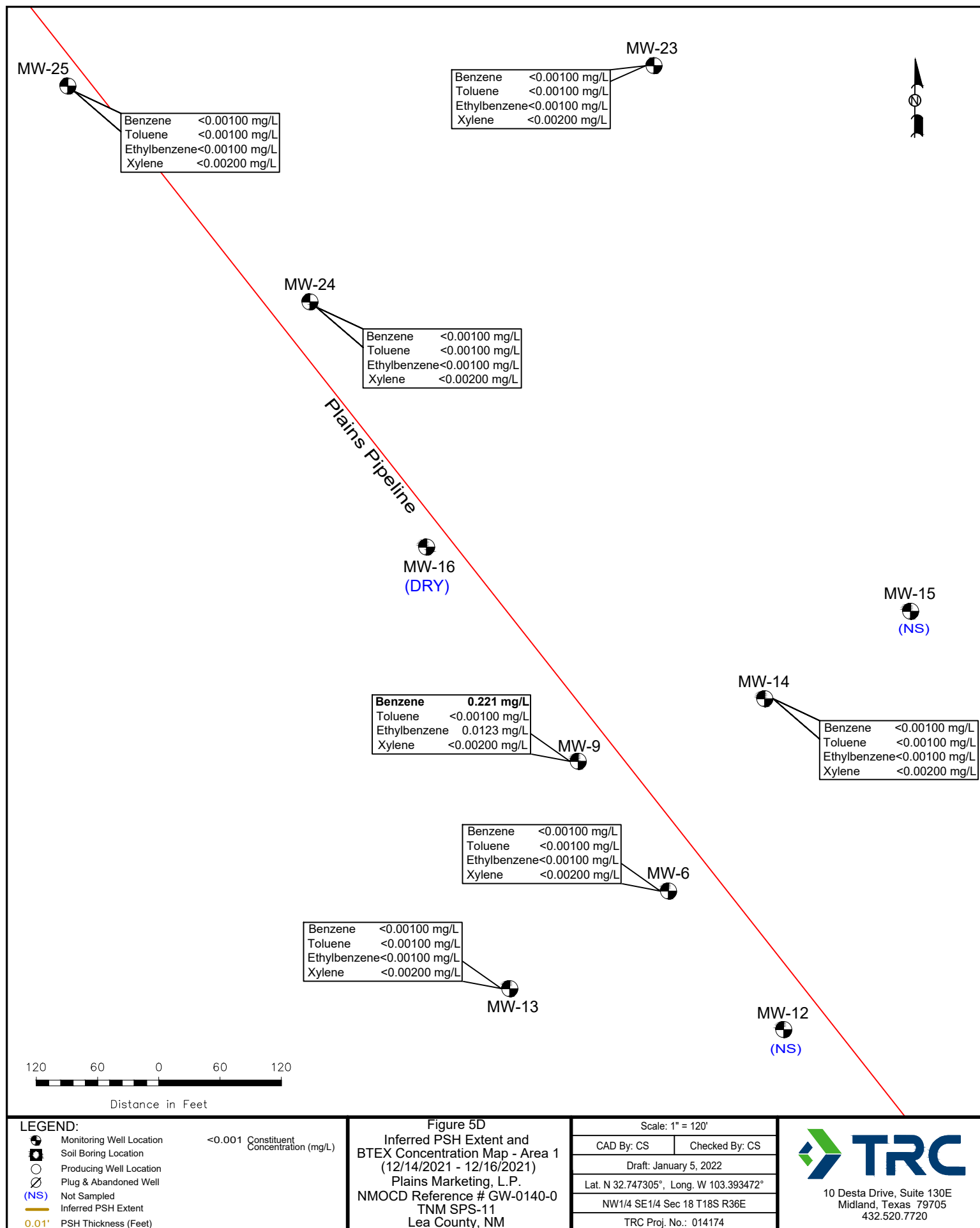


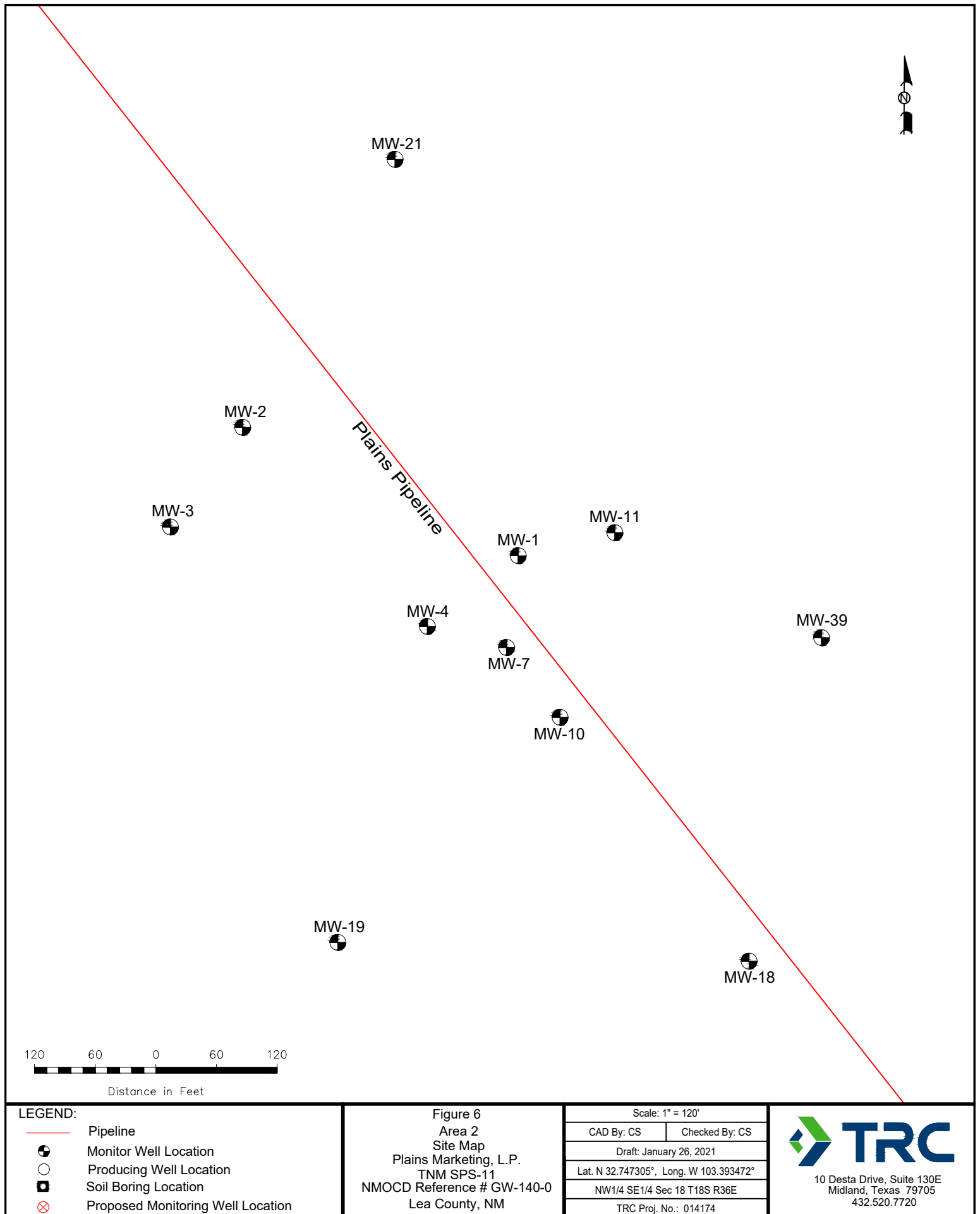


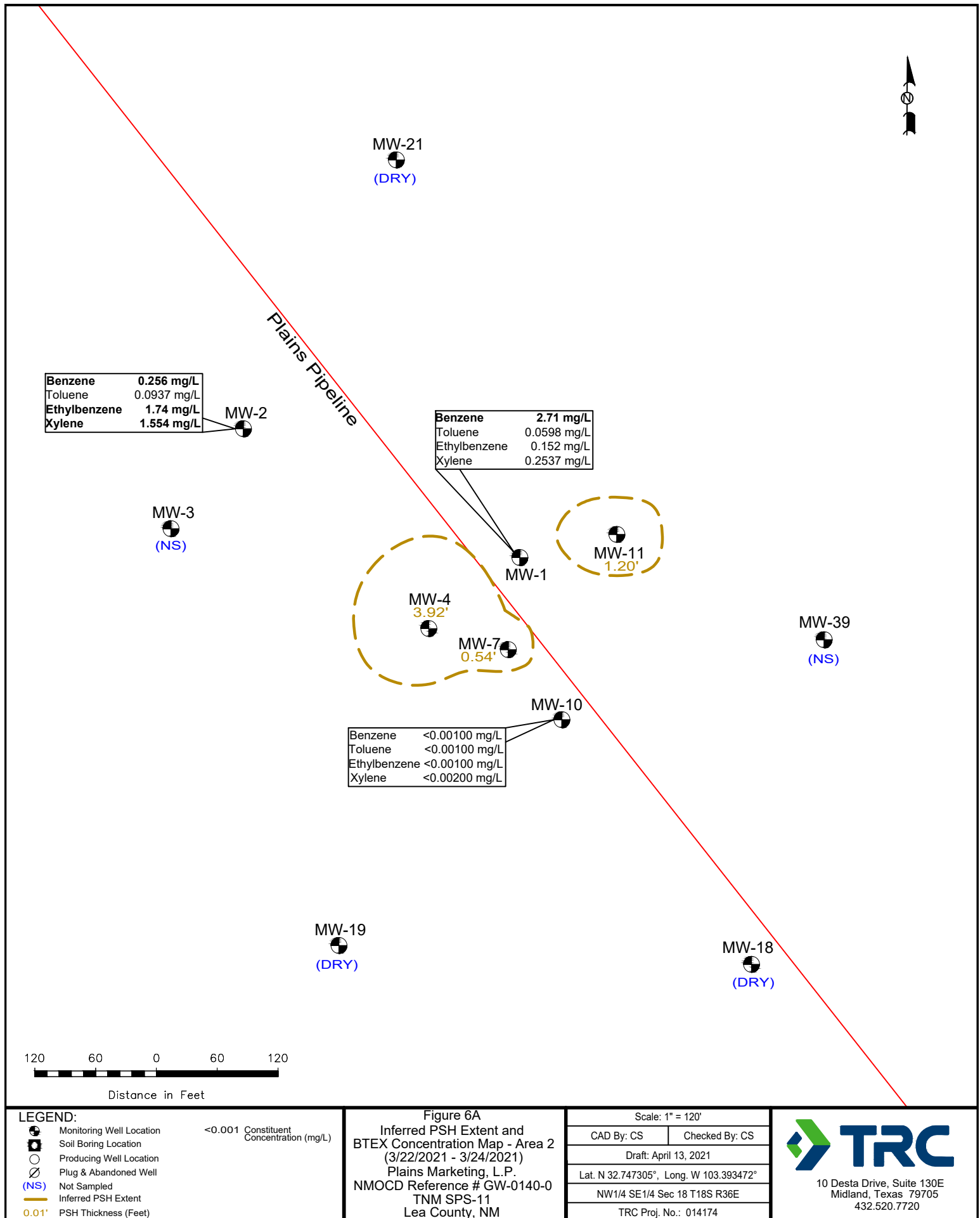


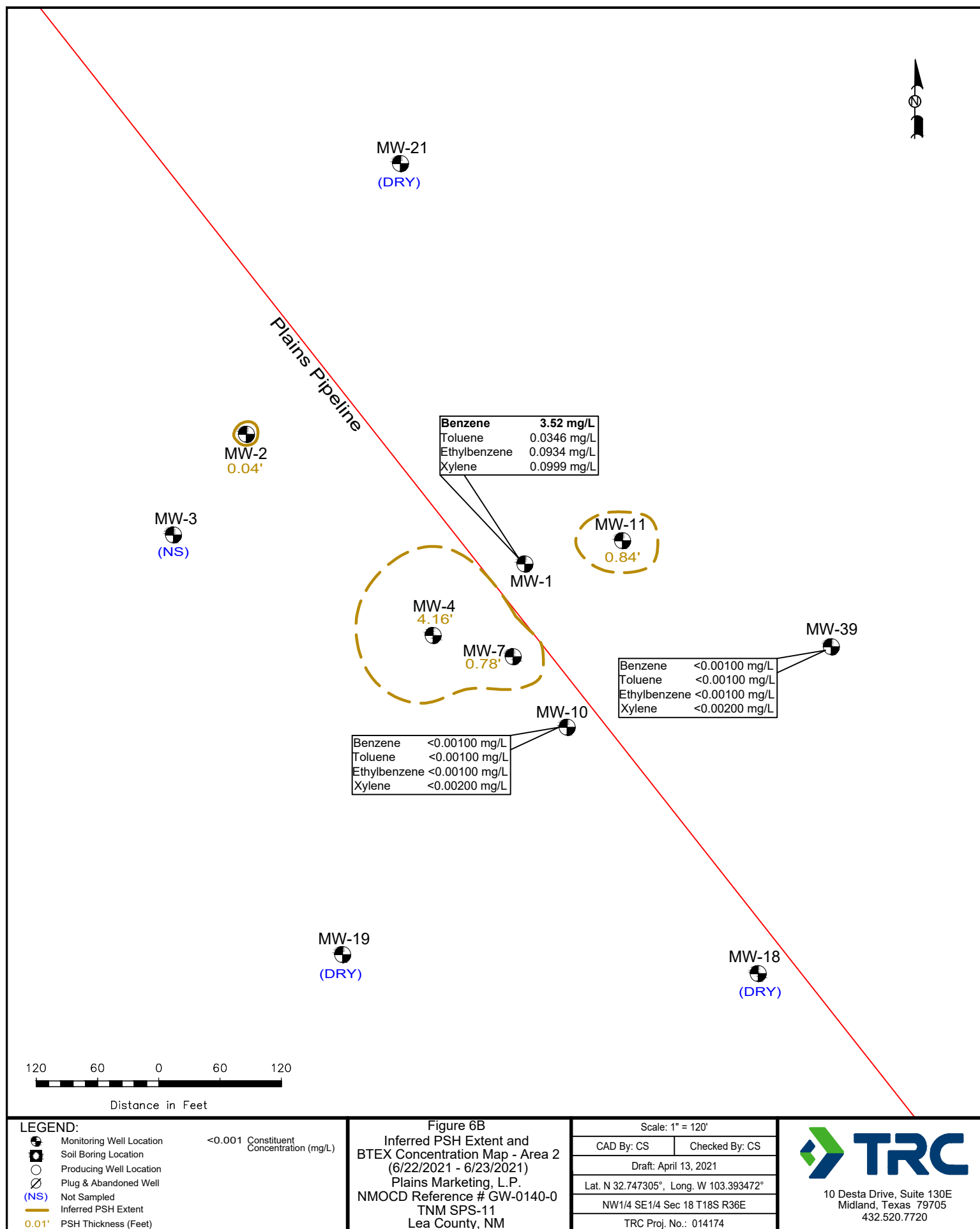


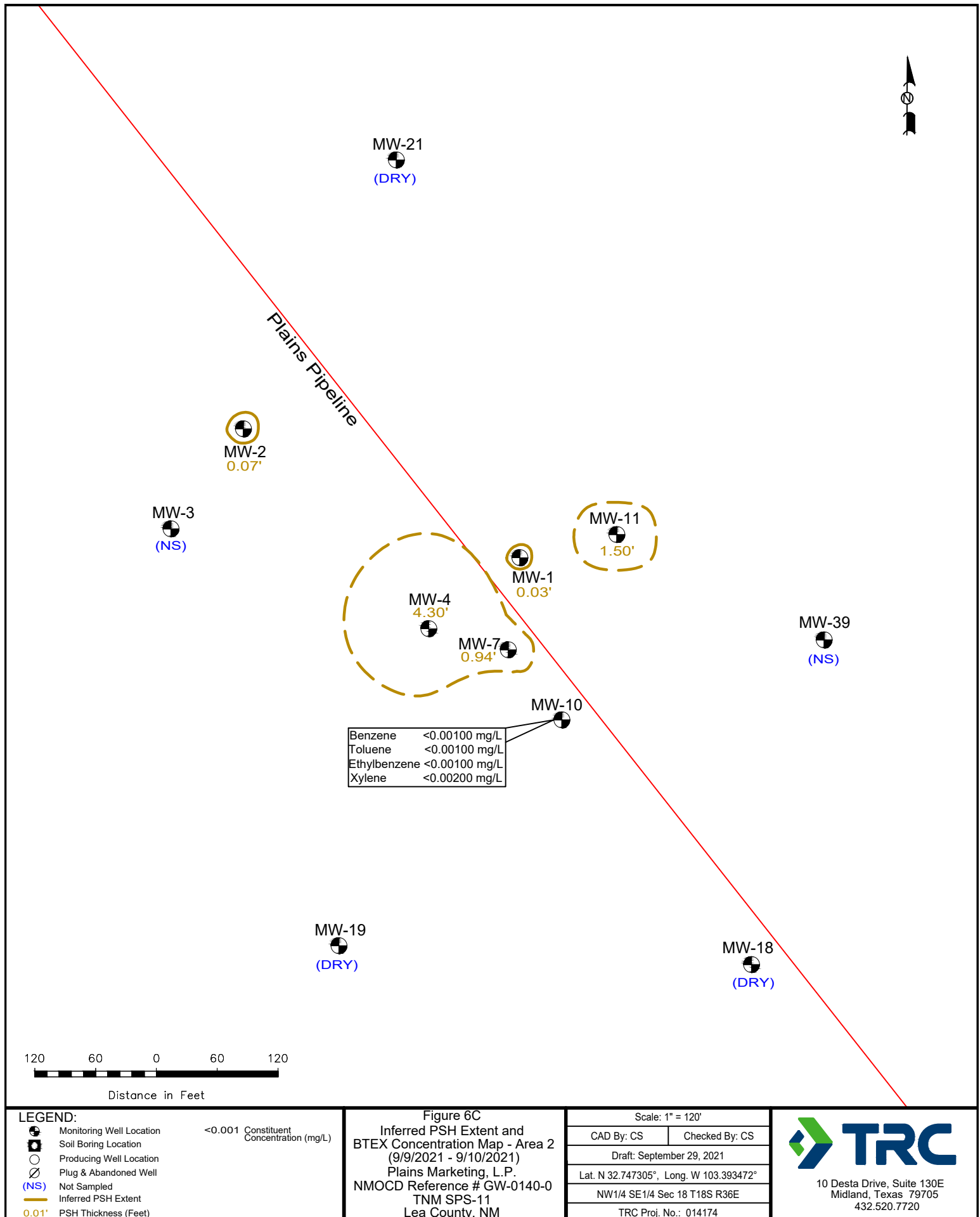


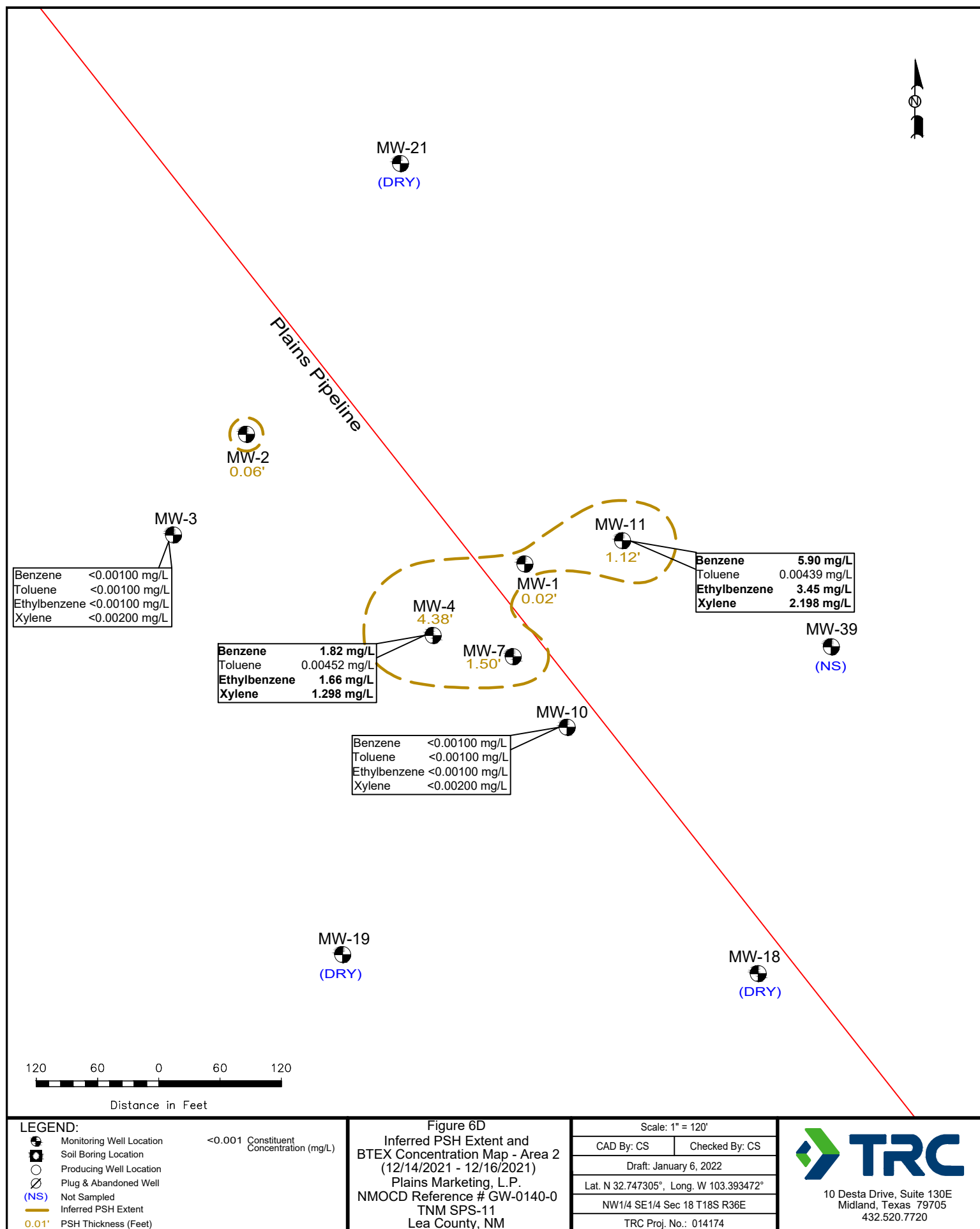


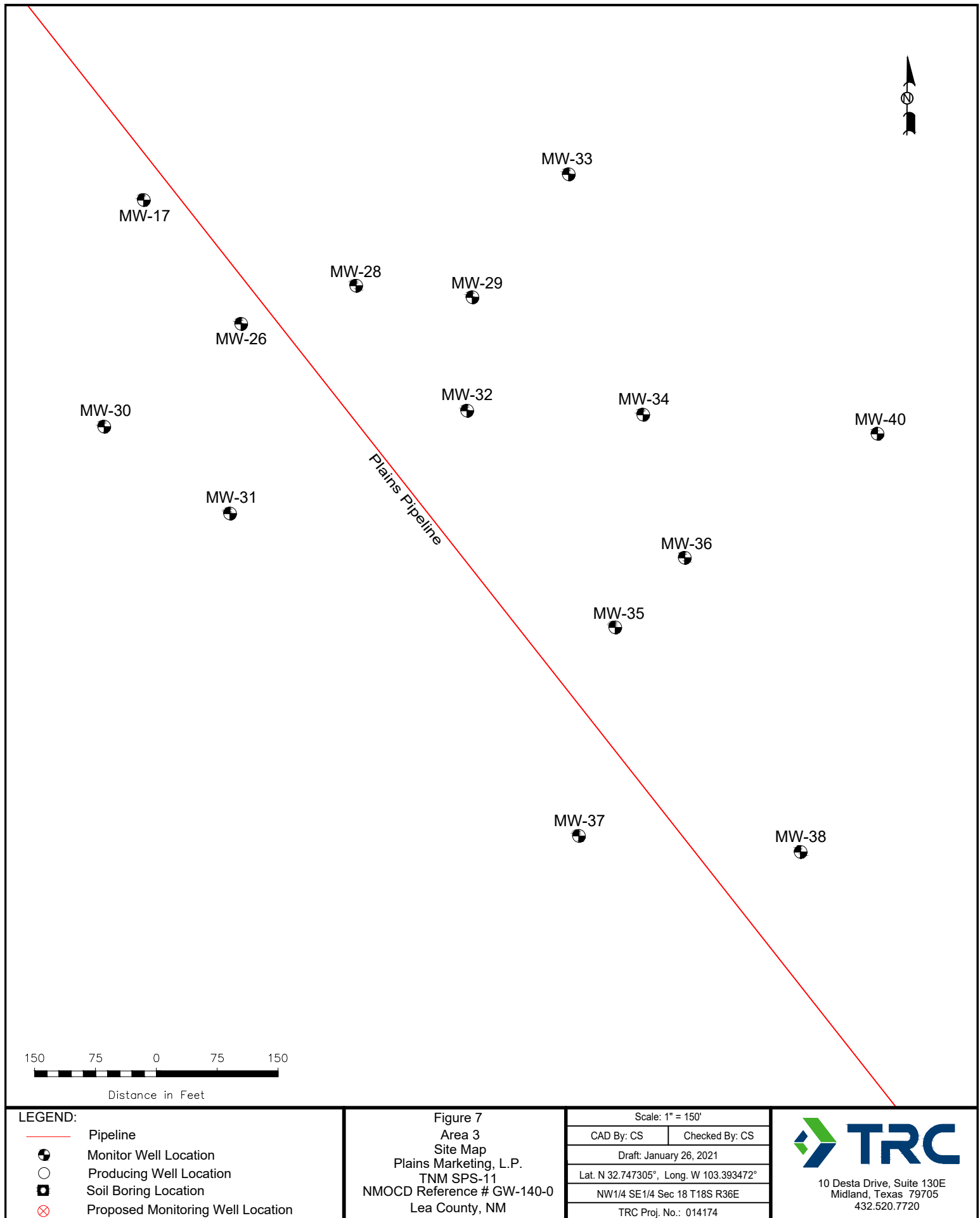


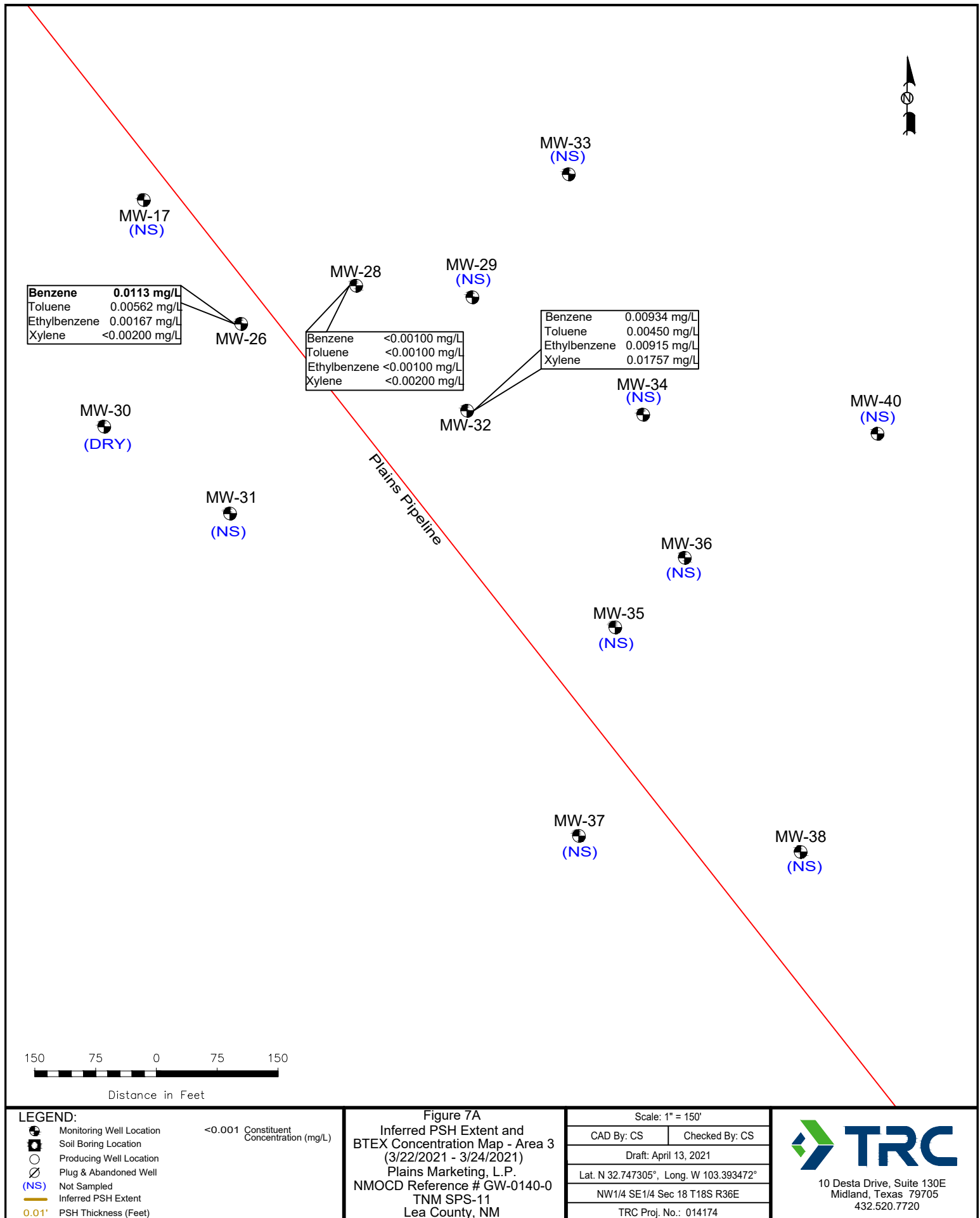


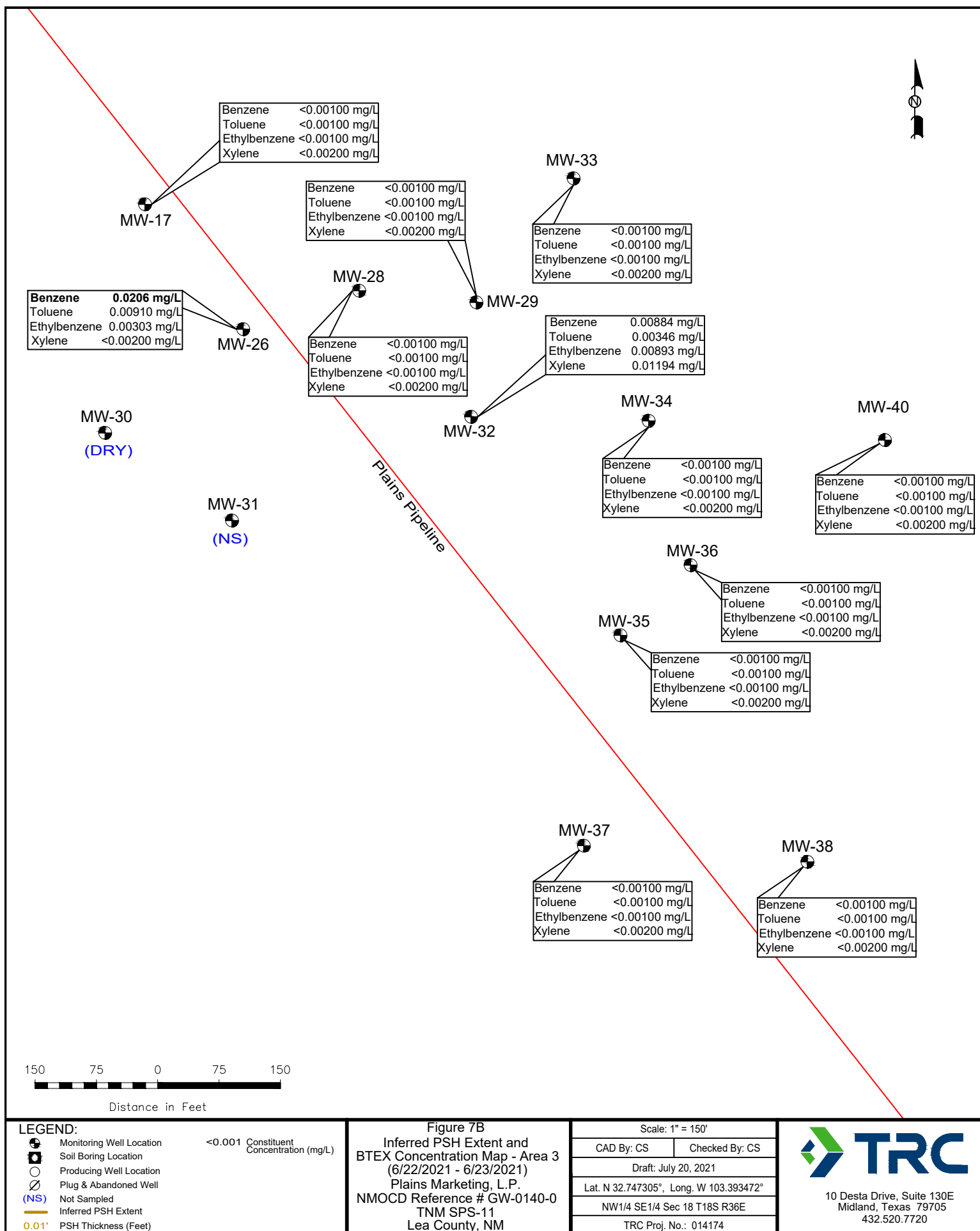


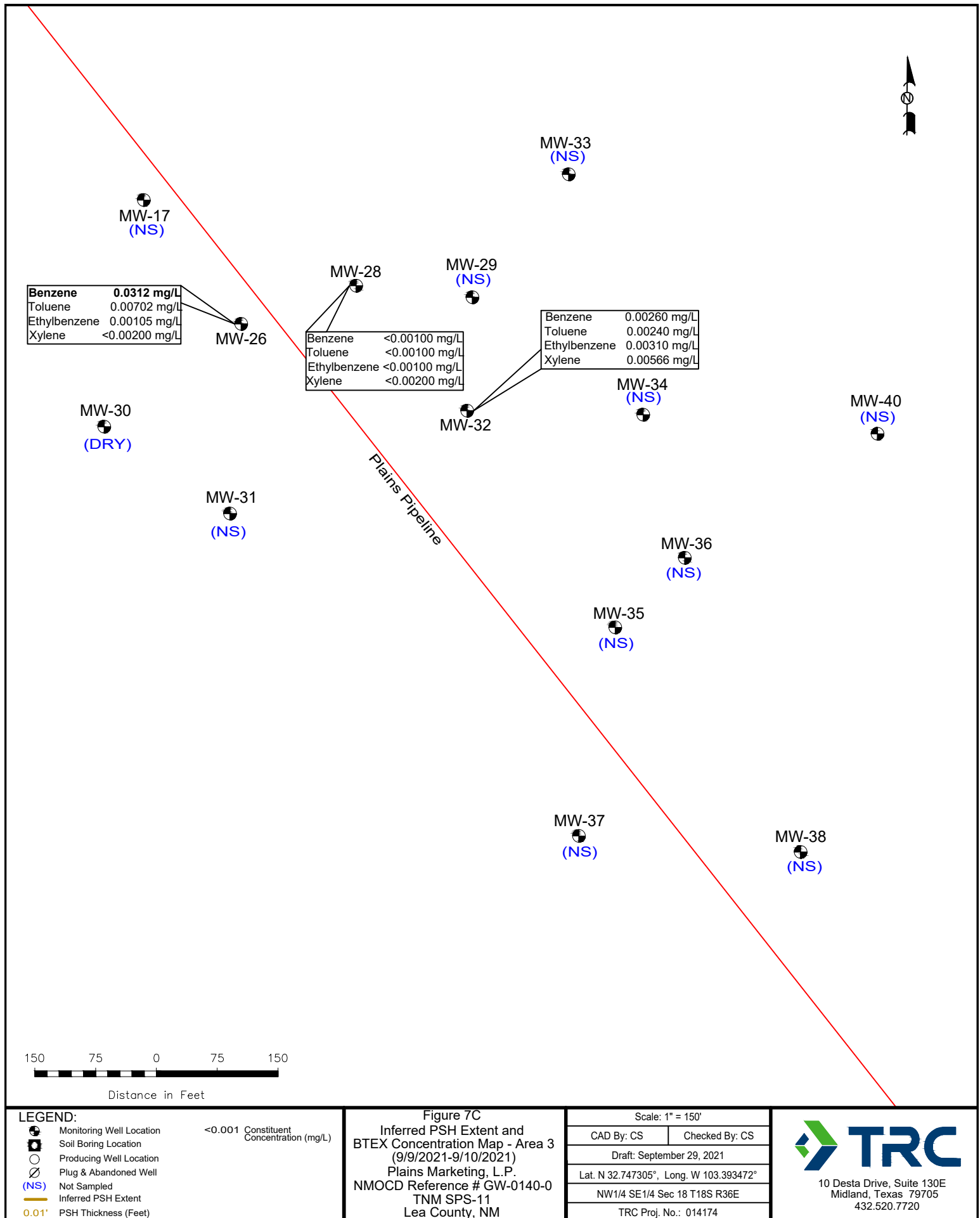


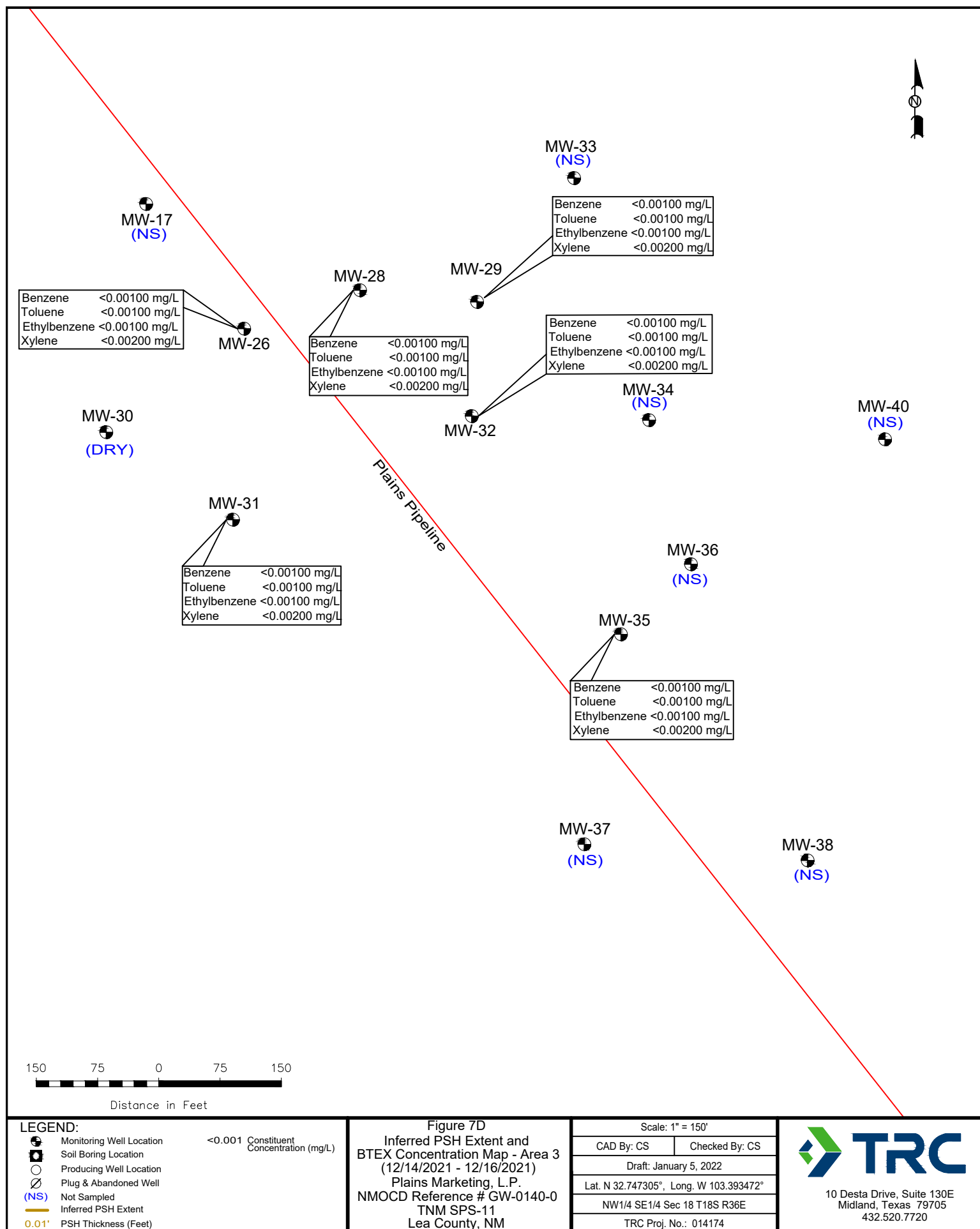












TABLES

TABLE 1

2021 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	01/20/21	3859.08	63.91	63.95	0.04	3795.16
MW - 1	01/28/21	3859.08	-	64.00	0.00	3795.08
MW - 1	03/02/21	3859.08	-	64.07	0.00	3795.01
MW - 1	03/11/21	3859.08	-	64.05	0.00	3795.03
MW - 1	03/24/21	3859.08	-	64.05	0.00	3795.03
MW - 1	06/23/21	3859.08	-	64.26	0.00	3794.82
MW - 1	07/23/21	3859.08	-	64.32	0.00	3794.76
MW - 1	08/05/21	3859.08	-	64.38	0.00	3794.70
MW - 1	08/20/21	3859.08	-	64.32	0.00	3794.76
MW - 1	09/09/21	3859.08	64.32	64.35	0.03	3794.76
MW - 1	09/17/21	3859.08	64.32	64.35	0.03	3794.76
MW - 1	10/07/21	3859.08	-	64.40	0.00	3794.68
MW - 1	10/26/21	3859.08	-	64.47	0.00	3794.61
MW - 1	12/15/21	3859.08	64.50	64.52	0.02	3794.58
MW - 1	12/29/21	3859.08	64.64	64.65	0.01	3794.44
MW - 2	01/20/21	3860.76	64.63	64.66	0.03	3796.13
MW - 2	01/28/21	3860.76	-	65.04	0.00	3795.72
MW - 2	01/28/21	3860.76	-	65.11	0.00	3795.65
MW - 2	03/11/21	3860.76	-	64.79	0.00	3795.97
MW - 2	03/24/21	3860.76	-	64.80	0.00	3795.96
MW - 2	06/23/21	3860.76	65.01	65.05	0.04	3795.74
MW - 2	07/23/21	3860.76	65.06	65.16	0.10	3795.69
MW - 2	08/05/21	3860.76	65.10	65.22	0.12	3795.64
MW - 2	08/20/21	3860.76	64.95	65.03	0.08	3795.80
MW - 2	09/09/21	3860.76	64.99	65.06	0.07	3795.76
MW - 2	09/17/21	3860.76	64.99	65.05	0.06	3795.76
MW - 2	10/07/21	3860.76	65.04	65.09	0.05	3795.71
MW - 2	10/26/21	3860.76	65.05	65.10	0.05	3795.70
MW - 2	11/23/21	3860.76	65.09	65.20	0.11	3795.65
MW - 2	12/15/21	3860.76	65.09	65.15	0.06	3795.66
MW - 2	12/29/21	3860.76	65.11	65.20	0.09	3795.64
MW - 3	01/28/21	3861.15	-	65.03	0.00	3796.12
MW - 3	03/22/21	3861.15	-	65.10	0.00	3796.05
MW - 3	06/21/21	3861.15	-	65.21	0.00	3795.94
MW - 3	07/22/21	3861.15	-	65.30	0.00	3795.85
MW - 3	09/09/21	3861.15	-	65.32	0.00	3795.83
MW - 3	10/26/21	3861.15	-	65.40	0.00	3795.75
MW - 3	12/15/21	3861.15	-	65.45	0.00	3795.70

TABLE 1

2021 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	01/12/21	3859.62	63.73	67.56	3.83	3795.32
MW - 4	01/20/21	3859.62	63.72	67.52	3.80	3795.33
MW - 4	01/28/21	3859.62	63.72	67.56	3.84	3795.32
MW - 4	02/02/21	3859.62	63.74	67.70	3.96	3795.29
MW - 4	02/24/21	3859.62	63.77	67.70	3.93	3795.26
MW - 4	03/02/21	3859.62	63.81	67.58	3.77	3795.24
MW - 4	03/11/21	3859.62	63.80	67.70	3.90	3795.24
MW - 4	03/24/21	3859.62	63.83	67.75	3.92	3795.20
MW - 4	04/23/21	3859.62	63.87	67.91	4.04	3795.14
MW - 4	05/07/21	3859.62	63.88	67.93	4.05	3795.13
MW - 4	05/28/21	3859.62	63.90	68.02	4.12	3795.10
MW - 4	06/23/21	3859.62	63.93	68.09	4.16	3795.07
MW - 4	07/07/21	3859.62	63.98	68.18	4.20	3795.01
MW - 4	07/23/21	3859.62	63.99	68.22	4.23	3795.00
MW - 4	07/29/21	3859.62	64.00	68.28	4.28	3794.98
MW - 4	08/05/21	3859.62	64.03	68.30	4.27	3794.95
MW - 4	08/20/21	3859.62	64.07	68.35	4.28	3794.91
MW - 4	09/10/21	3859.62	64.10	68.40	4.30	3794.88
MW - 4	09/17/21	3859.62	64.12	68.44	4.32	3794.85
MW - 4	09/21/21	3859.62	64.12	68.41	4.29	3794.86
MW - 4	10/07/21	3859.62	64.15	68.49	4.34	3794.82
MW - 4	10/22/21	3859.62	64.19	68.52	4.33	3794.78
MW - 4	10/26/21	3859.62	64.20	68.42	4.22	3794.79
MW - 4	11/15/21	3859.62	64.21	68.59	4.38	3794.75
MW - 4	11/23/21	3859.62	64.22	68.44	4.22	3794.77
MW - 4	12/15/21	3859.62	64.22	68.60	4.38	3794.74
MW - 4	12/29/21	3859.62	64.34	68.55	4.21	3794.65
MW - 6	01/28/21	3862.47	-	64.62	0.00	3797.85
MW - 6	03/23/21	3862.47	-	64.71	0.00	3797.76
MW - 6	06/23/21	3862.47	-	64.88	0.00	3797.59
MW - 6	07/22/21	3862.47	-	64.88	0.00	3797.59
MW - 6	09/10/21	3862.47	-	64.94	0.00	3797.53
MW - 6	10/26/21	3862.47	-	64.95	0.00	3797.52
MW - 6	12/15/21	3862.47	-	65.10	0.00	3797.37
MW - 7	01/20/21	3859.31	64.06	65.27	1.21	3795.07
MW - 7	01/28/21	3859.31	64.13	64.91	0.78	3795.06
MW - 7	03/02/21	3859.31	64.10	65.62	1.52	3794.98

TABLE 1

2021 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	03/11/21	3859.31	64.22	64.87	0.65	3794.99
MW - 7	03/24/21	3859.31	64.26	64.80	0.54	3794.97
MW - 7	05/07/21	3859.31	64.17	65.80	1.63	3794.90
MW - 7	06/23/21	3859.31	64.38	65.16	0.78	3794.81
MW - 7	07/07/21	3859.31	64.38	65.70	1.32	3794.73
MW - 7	07/23/21	3859.31	64.43	65.21	0.78	3794.76
MW - 7	07/29/21	3859.31	64.42	65.38	0.96	3794.75
MW - 7	08/05/21	3859.31	64.52	65.37	0.85	3794.66
MW - 7	08/20/21	3859.31	64.32	65.25	0.93	3794.85
MW - 7	09/09/21	3859.31	64.54	65.48	0.94	3794.63
MW - 7	09/17/21	3859.31	64.52	65.64	1.12	3794.62
MW - 7	10/07/21	3859.31	64.59	65.59	1.00	3794.57
MW - 7	10/26/21	3859.31	64.60	65.65	1.05	3794.55
MW - 7	11/23/21	3859.31	64.57	66.23	1.66	3794.49
MW - 7	12/15/21	3859.31	64.50	66.00	1.50	3794.59
MW - 7	12/30/21	3859.31	64.75	65.23	0.48	3794.49
MW - 9	01/28/21	3861.88	-	63.58	0.00	3798.30
MW - 9	03/24/21	3861.88	-	63.67	0.00	3798.21
MW - 9	06/23/21	3861.88	-	63.85	0.00	3798.03
MW - 9	07/22/21	3861.88	-	63.84	0.00	3798.04
MW - 9	08/05/21	3861.88	-	63.85	0.00	3798.03
MW - 9	08/20/21	3861.88	-	63.87	0.00	3798.01
MW - 9	09/09/21	3861.88	-	63.87	0.00	3798.01
MW - 9	10/26/21	3861.88	-	63.89	0.00	3797.99
MW - 9	12/14/21	3861.88	-	64.01	0.00	3797.87
MW - 10	01/28/21	3860.58	-	65.74	0.00	3794.84
MW - 10	03/23/21	3860.58	-	65.84	0.00	3794.74
MW - 10	06/23/21	3860.58	-	65.99	0.00	3794.59
MW - 10	07/22/21	3860.58	-	66.05	0.00	3794.53
MW - 10	09/10/21	3860.58	-	66.14	0.00	3794.44
MW - 10	10/26/21	3860.58	-	66.21	0.00	3794.37
MW - 10	12/15/21	3860.58	-	66.30	0.00	3794.28
MW-11	01/20/21	3860.00	64.85	66.59	1.74	3794.89
MW-11	01/28/21	3860.00	64.86	65.88	1.02	3794.99
MW-11	02/02/21	3860.00	64.95	66.14	1.19	3794.87
MW-11	02/24/21	3860.00	64.95	66.52	1.57	3794.81
MW-11	03/02/21	3860.00	65.09	65.80	0.71	3794.80

TABLE 1

2021 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-11	03/11/21	3860.00	65.08	66.02	0.94	3794.78
MW-11	03/24/21	3860.00	65.05	66.25	1.20	3794.77
MW-11	05/07/21	3860.00	64.90	67.76	2.86	3794.67
MW-11	05/28/21	3860.00	65.12	66.45	1.33	3794.68
MW-11	06/23/21	3860.00	65.24	66.08	0.84	3794.63
MW-11	07/07/21	3860.00	65.24	66.64	1.40	3794.55
MW-11	07/23/21	3860.00	65.27	66.32	1.05	3794.57
MW-11	07/29/21	3860.00	65.24	66.51	1.27	3794.57
MW-11	08/05/21	3860.00	65.35	66.26	0.91	3794.51
MW-11	08/20/21	3860.00	65.34	66.39	1.05	3794.50
MW-11	09/10/21	3860.00	65.31	66.81	1.50	3794.47
MW-11	09/17/21	3860.00	65.29	67.06	1.77	3794.44
MW-11	10/07/21	3860.00	65.39	66.87	1.48	3794.39
MW-11	10/22/21	3860.00	65.45	66.55	1.10	3794.39
MW-11	10/26/21	3860.00	65.49	66.15	0.66	3794.41
MW-11	11/23/21	3860.00	65.45	67.00	1.55	3794.32
MW-11	12/15/21	3860.00	65.48	66.60	1.12	3794.35
MW-12	01/28/21	3863.10	-	65.75	0.00	3797.35
MW-12	03/22/21	3863.10	-	65.85	0.00	3797.25
MW-12	06/22/21	3863.10	-	65.99	0.00	3797.11
MW-12	07/22/21	3863.10	-	66.00	0.00	3797.10
MW-12	09/09/21	3863.10	-	66.05	0.00	3797.05
MW-12	10/26/21	3863.10	-	66.09	0.00	3797.01
MW-12	12/14/21	3863.10	-	66.18	0.00	3796.92
MW - 13	01/28/21	3862.44	-	64.17	0.00	3798.27
MW - 13	03/22/21	3862.44	-	64.27	0.00	3798.17
MW - 13	06/21/21	3862.44	-	64.44	0.00	3798.00
MW - 13	07/22/21	3862.44	-	64.44	0.00	3798.00
MW - 13	09/09/21	3862.44	-	64.48	0.00	3797.96
MW - 13	10/26/21	3862.44	-	64.50	0.00	3797.94
MW - 13	12/15/21	3862.44	-	64.58	0.00	3797.86
MW - 14	01/28/21	3862.95	-	65.17	0.00	3797.78
MW - 14	03/24/21	3862.95	-	65.26	0.00	3797.69
MW - 14	06/23/21	3862.95	-	65.41	0.00	3797.54
MW - 14	07/22/21	3862.95	-	65.45	0.00	3797.50
MW - 14	09/10/21	3862.95	-	65.49	0.00	3797.46
MW - 14	10/26/21	3862.95	-	65.51	0.00	3797.44

TABLE 1

2021 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	12/14/21	3862.95	-	65.63	0.00	3797.32
MW - 15	01/28/21	3861.70	-	64.28	0.00	3797.42
MW - 15	03/22/21	3861.70	-	64.37	0.00	3797.33
MW - 15	06/22/21	3861.70	-	64.52	0.00	3797.18
MW - 15	07/22/21	3861.70	-	64.55	0.00	3797.15
MW - 15	09/09/21	3861.70	-	64.59	0.00	3797.11
MW - 15	10/26/21	3861.70	-	64.52	0.00	3797.18
MW - 15	12/14/21	3861.70	-	64.71	0.00	3796.99
MW - 16	01/28/21	3863.15	-	Dry	-	-
MW - 16	03/24/21	3863.15	-	Dry	-	-
MW - 16	06/22/21	3863.15	-	Dry	-	-
MW - 16	07/22/21	3863.15	-	Dry	-	-
MW - 16	09/10/21	3863.15	-	Dry	-	-
MW - 16	10/26/21	3863.15	-	Dry	-	-
MW - 16	12/15/21	3863.15	-	Dry	-	-
MW - 17	01/28/21	3859.17	-	66.19	0.00	3792.98
MW - 17	03/22/21	3859.17	-	66.27	0.00	3792.90
MW - 17	06/22/21	3859.17	-	66.37	0.00	3792.80
MW - 17	07/22/21	3859.17	-	66.42	0.00	3792.75
MW - 17	09/09/21	3859.17	-	66.42	0.00	3792.75
MW - 17	10/26/21	3859.17	-	66.53	0.00	3792.64
MW - 17	12/14/21	3859.17	-	-	0.00	Dry
MW - 18	01/28/21	3859.98	-	66.06	0.00	3793.92
MW - 18	03/24/21	3859.98	-	66.15	0.00	3793.83
MW - 18	06/23/21	3859.98	-	66.19	0.00	3793.79
MW - 18	07/22/21	3859.98	-	Dry	-	-
MW - 18	09/10/21	3859.98	-	Dry	-	-
MW - 18	10/26/21	3859.98	-	Dry	-	-
MW - 18	12/15/21	3859.98	-	Dry	-	-
MW - 19	01/28/21	3862.30	-	67.12	0.00	3795.18
MW - 19	03/24/21	3862.30	-	67.22	0.00	3795.08
MW - 19	06/23/21	3862.30	-	-	0.00	-
MW - 19	07/22/21	3862.30	-	67.34	0.00	3794.96
MW - 19	09/10/21	3862.30	-	Dry	-	-
MW - 19	10/26/21	3862.30	-	67.37	-	-

TABLE 1

2021 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 19	12/15/21	3862.30	-	Dry	-	-
MW - 21	01/28/21	3862.30	-	66.32	-	-
MW - 21	03/24/21	3862.30	-	66.41	-	-
MW - 21	06/23/21	3862.30	-	66.54	-	-
MW - 21	07/22/21	3862.30	-	66.57	-	-
MW - 21	09/10/21	3862.30	-	Dry	-	-
MW - 21	10/26/21	3862.30	-	66.51	-	-
MW - 21	12/15/21	3862.30	-	Dry	-	-
MW - 23	01/28/21	3862.44	-	63.80	0.00	3798.64
MW - 23	03/22/21	3862.44	-	63.89	0.00	3798.55
MW - 23	06/21/21	3862.44	-	64.02	0.00	3798.42
MW - 23	07/22/21	3862.44	-	64.04	0.00	3798.40
MW - 23	09/09/21	3862.44	-	64.08	0.00	3798.36
MW - 23	10/26/21	3862.44	-	64.10	0.00	3798.34
MW - 23	12/15/21	3862.44	-	64.20	0.00	3798.24
MW - 24	01/28/21	3864.36	-	64.79	0.00	3799.57
MW - 24	03/22/21	3864.36	-	64.89	0.00	3799.47
MW - 24	06/22/21	3864.36	-	65.06	0.00	3799.30
MW - 24	07/22/21	3864.36	-	65.06	0.00	3799.30
MW - 24	09/09/21	3864.36	-	65.09	0.00	3799.27
MW - 24	10/26/21	3864.36	-	65.13	0.00	3799.23
MW - 24	12/15/21	3864.36	-	65.23	0.00	3799.13
MW-25	01/28/21	3864.16	-	63.75	0.00	3800.41
MW-25	03/22/21	3864.16	-	63.84	0.00	3800.32
MW-25	06/21/21	3864.16	-	63.99	0.00	3800.17
MW-25	07/22/21	3864.16	-	64.00	0.00	3800.16
MW-25	09/09/21	3864.16	-	64.04	0.00	3800.12
MW-25	10/26/21	3864.16	-	64.06	0.00	3800.10
MW-25	12/15/21	3864.16	-	64.16	0.00	3800.00
MW - 26	03/24/21	3858.79	-	67.12	0.00	3791.67
MW - 26	06/23/21	3858.79	-	67.28	0.00	3791.51
MW - 26	07/22/21	3858.79	-	67.38	0.00	3791.41
MW - 26	08/05/21	3858.79	-	67.36	0.00	3791.43
MW - 26	08/20/21	3858.79	-	67.40	0.00	3791.39
MW - 26	09/10/21	3858.79	-	67.43	0.00	3791.36

TABLE 1

2021 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 26	10/26/21	3858.79	-	67.48	0.00	3791.31
MW - 26	12/15/21	3858.79	-	67.58	0.00	3791.21
MW - 28	01/28/21	3858.60	-	67.21	0.00	3791.39
MW - 28	03/23/21	3858.60	-	67.32	0.00	3791.28
MW - 28	06/23/21	3858.60	-	67.37	0.00	3791.23
MW - 28	07/22/21	3858.60	-	67.56	0.00	3791.04
MW - 28	09/10/21	3858.60	-	67.64	0.00	3790.96
MW - 28	10/26/21	3858.60	-	67.68	0.00	3790.92
MW - 28	12/15/21	3858.60	-	67.80	0.00	3790.80
MW - 29	01/28/21	3858.54	-	67.61	0.00	3790.93
MW - 29	03/22/21	3858.54	-	67.72	0.00	3790.82
MW - 29	06/23/21	3858.54	-	68.05	0.00	3790.49
MW - 29	07/22/21	3858.54	-	67.95	0.00	3790.59
MW - 29	09/09/21	3858.54	-	68.05	0.00	3790.49
MW - 29	10/26/21	3858.54	-	68.09	0.00	3790.45
MW - 29	12/15/21	3858.54	-	68.20	0.00	3790.34
MW - 30	01/28/21	3858.35	-	Dry	-	-
MW - 30	03/24/21	3858.35	-	Dry	-	-
MW - 30	06/23/21	3858.35	-	Dry	-	-
MW - 30	07/22/21	3858.35	-	Dry	-	-
MW - 30	09/10/21	3858.35	-	Dry	-	-
MW - 30	10/26/21	3858.35	-	Dry	-	-
MW - 30	12/15/21	3858.35	-	Dry	-	-
MW - 31	01/28/21	3858.52	-	67.12	0.00	3791.40
MW - 31	03/22/21	3858.52	-	67.23	0.00	3791.29
MW - 31	06/21/21	3858.52	-	67.21	0.00	3791.31
MW - 31	09/09/21	3858.52	-	67.54	0.00	3790.98
MW - 31	10/26/21	3858.52	-	67.66	0.00	3790.86
MW - 31	12/15/21	3858.52	-	67.70	0.00	3790.82
MW-32	01/28/21	3858.07	-	67.35	0.00	3790.72
MW-32	03/24/21	3858.07	-	67.47	0.00	3790.60
MW-32	06/23/21	3858.07	-	67.62	0.00	3790.45
MW-32	07/22/21	3858.07	-	67.69	0.00	3790.38
MW-32	08/05/21	3858.07	-	67.72	0.00	3790.35
MW-32	08/20/21	3858.07	-	67.76	0.00	3790.31

TABLE 1

2021 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-32	09/10/21	3858.07	-	67.77	0.00	3790.30
MW-32	10/26/21	3858.07	-	67.83	0.00	3790.24
MW-32	12/14/21	3858.07	-	67.94	0.00	3790.13
MW-33	01/28/21	3858.36	-	67.90	0.00	3790.46
MW-33	03/22/21	3858.36	-	68.00	0.00	3790.36
MW-33	06/22/21	3858.36	-	68.18	0.00	3790.18
MW-33	07/22/21	3858.36	-	68.23	0.00	3790.13
MW-33	09/09/21	3858.36	-	68.31	0.00	3790.05
MW-33	10/26/21	3858.36	-	68.36	0.00	3790.00
MW-33	12/14/21	3858.36	-	68.45	0.00	3789.91
MW-34	01/28/21	3857.91	-	67.85	0.00	3790.06
MW-34	03/22/21	3857.91	-	67.75	0.00	3790.16
MW-34	06/22/21	3857.91	-	68.12	0.00	3789.79
MW-34	07/22/21	3857.91	-	68.16	0.00	3789.75
MW-34	09/09/21	3857.91	-	68.25	0.00	3789.66
MW-34	10/26/21	3857.91	-	68.32	0.00	3789.59
MW-34	12/14/21	3857.91	-	68.40	0.00	3789.51
MW-35	01/28/21	3857.16	-	67.45	0.00	3789.71
MW-35	03/22/21	3857.16	-	67.55	0.00	3789.61
MW-35	06/23/21	3857.16	-	67.73	0.00	3789.43
MW-35	07/22/21	3857.16	-	67.78	0.00	3789.38
MW-35	09/09/21	3857.16	-	67.86	0.00	3789.30
MW-35	10/26/21	3857.16	-	67.92	0.00	3789.24
MW-35	12/14/21	3857.16	-	68.04	0.00	3789.12
MW-36	01/28/21	3858.80	-	68.02	0.00	3790.78
MW-36	03/22/21	3858.80	-	68.12	0.00	3790.68
MW-36	06/22/21	3858.80	-	68.30	0.00	3790.50
MW-36	07/22/21	3858.80	-	68.34	0.00	3790.46
MW-36	09/09/21	3858.80	-	68.44	0.00	3790.36
MW-36	10/26/21	3858.80	-	68.50	0.00	3790.30
MW-36	10/14/21	3858.80	-	68.58	0.00	3790.22
MW-36	12/14/21	3858.80	-	68.58	0.00	3790.22
MW-37	01/28/21	3857.69	-	67.09	0.00	3790.60
MW-37	03/22/21	3857.69	-	67.20	0.00	3790.49
MW-37	06/22/21	3857.69	-	67.39	0.00	3790.30

TABLE 1

2021 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-37	07/22/21	3857.69	-	67.45	0.00	3790.24
MW-37	09/09/21	3857.69	-	67.52	0.00	3790.17
MW-37	10/26/21	3857.69	-	67.59	0.00	3790.10
MW-37	12/14/21	3857.69	-	67.70	0.00	3789.99
MW-38	01/28/21	3855.95	-	65.85	0.00	3790.10
MW-38	03/22/21	3855.95	-	65.95	0.00	3790.00
MW-38	06/22/21	3855.95	-	66.13	0.00	3789.82
MW-38	07/22/21	3855.95	-	66.20	0.00	3789.75
MW-38	09/09/21	3855.95	-	66.26	0.00	3789.69
MW-38	10/26/21	3855.95	-	66.33	0.00	3789.62
MW-38	12/14/21	3855.95	-	66.44	0.00	3789.51
MW-39	01/28/21	-	-	66.58	0.00	-
MW-39	03/22/21	-	-	66.70	0.00	-
MW-39	06/22/21	-	-	66.84	0.00	-
MW-39	07/22/21	-	-	66.89	0.00	-
MW-39	09/09/21	-	-	66.95	0.00	-
MW-39	10/26/21	-	-	67.02	0.00	-
MW-39	12/14/21	-	-	67.10	0.00	-
MW-40	01/28/21	-	-	68.56	0.00	-
MW-40	03/22/21	-	-	68.65	0.00	-
MW-40	06/22/21	-	-	68.85	0.00	-
MW-40	07/22/21	-	-	68.89	0.00	-
MW-40	09/09/21	-	-	68.98	0.00	-
MW-40	10/26/21	-	-	69.02	0.00	-
MW-40	12/14/21	-	-	69.14	0.00	-

TABLE 2
2021 CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 1	03/24/21	2.71	0.0598	0.152	0.2537	
MW - 1	06/23/21	3.52	0.0346	0.0934	0.0999	
MW - 1	09/10/21	Not Sampled Due to PSH in Well				
MW - 1	12/15/21	Not Sampled Due to PSH in Well				
MW - 2	03/24/21	0.256	0.0937	1.74	1.554	
MW - 2	06/23/21	Not Sampled Due to PSH in Well				
MW - 2	09/10/21	Not Sampled Due to PSH in Well				
MW - 2	12/15/21	Not Sampled Due to PSH in Well				
MW - 3	03/22/21	Not Sampled on Current Sample Schedule				
MW - 3	06/22/21	Not Sampled on Current Sample Schedule				
MW - 3	09/09/21	Not Sampled on Current Sample Schedule				
MW - 3	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 4	03/24/21	Not Sampled Due to PSH in Well				
MW - 4	06/23/21	Not Sampled Due to PSH in Well				
MW - 4	09/10/21	Not Sampled Due to PSH in Well				
MW - 4	12/15/21	1.82	0.00452	1.66	1.298	
MW - 6	03/23/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	06/23/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	09/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 7	03/24/21	Not Sampled Due to PSH in Well				
MW - 7	06/23/21	Not Sampled Due to PSH in Well				
MW - 7	09/10/21	Not Sampled Due to PSH in Well				
MW - 7	12/16/21	Not Sampled Due to PSH in Well				
MW - 9	03/24/21	0.546	0.00255	0.0450	<0.00200	
MW - 9	06/23/21	0.374	0.00152	0.00192	0.04205	
MW - 9	09/10/21	0.425	0.00260	0.199	0.20814	
MW - 9	12/15/21	0.221	<0.00100	0.0123	<0.00200	
MW - 10	03/23/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	06/23/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	09/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11	03/24/21	Not Sampled Due to PSH in Well				

TABLE 2
2021 CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 11	06/23/21	Not Sampled Due to PSH in Well				
MW - 11	09/10/21	Not Sampled Due to PSH in Well				
MW - 11	12/15/21	5.90	0.00439	3.45	2.198	
MW - 12	03/22/21	Not Sampled on Current Sample Schedule				
MW - 12	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	09/09/21	Not Sampled on Current Sample Schedule				
MW - 12	12/15/21	Not Sampled on Current Sample Schedule				
MW - 13	03/22/21	Not Sampled on Current Sample Schedule				
MW - 13	06/22/21	Not Sampled on Current Sample Schedule				
MW - 13	09/09/21	Not Sampled on Current Sample Schedule				
MW - 13	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	03/24/21	0.0341	0.00102	<0.00100	<0.00200	
MW - 14	06/23/21	0.0131	0.00170	0.00448	0.00200	
MW - 14	09/10/21	0.00313	0.00224	0.00358	0.00626	
MW - 14	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	03/22/21	Not Sampled on Current Sample Schedule				
MW - 15	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	09/09/21	Not Sampled on Current Sample Schedule				
MW - 15	12/15/21	Not Sampled on Current Sample Schedule				
MW - 16	03/24/21	DRY				
MW - 16	06/23/21	DRY				
MW - 16	09/09/21	DRY				
MW - 16	12/15/21	DRY				
MW - 17	03/22/21	Not Sampled on Current Sample Schedule				
MW - 17	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	09/09/21	Not Sampled on Current Sample Schedule				
MW - 17	12/15/21	Not Sampled on Current Sample Schedule				
MW - 18	03/22/21	DRY				
MW - 18	06/23/21	DRY				
MW - 18	09/09/21	DRY				
MW - 18	12/15/21	DRY				
MW - 19	03/22/21	DRY				
MW - 19	06/23/21	DRY				
MW - 19	09/09/21	DRY				
MW - 19	12/14/21	DRY				

TABLE 2
2021 CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b					
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	
MW - 21	03/22/21	DRY					
MW - 21	06/23/21	DRY					
MW - 21	09/09/21	DRY					
MW - 21	12/15/21	DRY					
MW - 23	03/22/21	Not Sampled on Current Sample Schedule					
MW - 23	06/22/21	Not Sampled on Current Sample Schedule					
MW - 23	09/09/21	Not Sampled on Current Sample Schedule					
MW - 23	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200		
MW - 24	03/22/21	Not Sampled on Current Sample Schedule					
MW - 24	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200		
MW - 24	09/09/21	Not Sampled on Current Sample Schedule					
MW - 24	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200		
MW - 25	03/22/21	Not Sampled on Current Sample Schedule					
MW - 25	06/22/21	Not Sampled on Current Sample Schedule					
MW - 25	09/09/21	Not Sampled on Current Sample Schedule					
MW - 25	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200		
MW - 26	03/24/21	0.0113	0.00562	0.00167	<0.00200		
MW - 26	06/23/21	0.0206	0.00910	0.00303	<0.00200		
MW - 26	09/10/21	0.0312	0.00702	0.00105	<0.00200		
MW - 26	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200		
MW - 28	03/23/21	<0.00100	<0.00100	<0.00100	<0.00200		
MW - 28	06/23/21	<0.00100	<0.00100	<0.00100	<0.00200		
MW - 28	09/10/21	<0.00100	<0.00100	<0.00100	<0.00200		
MW - 28	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200		
MW - 29	03/22/21	Not Sampled on Current Sample Schedule					
MW - 29	06/23/21	<0.00100	<0.00100	<0.00100	<0.00200		
MW - 29	09/09/21	Not Sampled on Current Sample Schedule					
MW - 29	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200		
MW - 30	03/24/21	DRY					
MW - 30	06/22/21	DRY					
MW - 30	09/09/21	DRY					
MW - 30	12/15/21	DRY					
MW - 31	03/22/21	Not Sampled on Current Sample Schedule					
MW - 31	06/22/21	Not Sampled on Current Sample Schedule					
MW - 31	09/09/21	Not Sampled on Current Sample Schedule					
MW - 31	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200		

TABLE 2
2021 CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 32	03/24/21	0.00934	0.00450	0.00915	0.01757	
MW - 32	06/23/21	0.00884	0.00346	0.00893	0.01194	
MW - 32	09/10/21	0.00260	0.00240	0.00310	0.00566	
MW - 32	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 33	03/22/21	Not Sampled on Current Sample Schedule				
MW - 33	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 33	09/09/21	Not Sampled on Current Sample Schedule				
MW - 33	12/14/21	Not Sampled on Current Sample Schedule				
MW - 34	03/22/21	Not Sampled on Current Sample Schedule				
MW - 34	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 34	09/09/21	Not Sampled on Current Sample Schedule				
MW - 34	12/14/21	Not Sampled on Current Sample Schedule				
MW - 35	03/22/21	Not Sampled on Current Sample Schedule				
MW - 35	06/23/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 35	09/09/21	Not Sampled on Current Sample Schedule				
MW - 35	12/14/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 36	03/22/21	Not Sampled on Current Sample Schedule				
MW - 36	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 36	09/09/21	Not Sampled on Current Sample Schedule				
MW - 36	12/14/21	Not Sampled on Current Sample Schedule				
MW - 37	03/22/21	Not Sampled on Current Sample Schedule				
MW - 37	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 37	09/09/21	Not Sampled on Current Sample Schedule				
MW - 37	12/14/21	Not Sampled on Current Sample Schedule				
MW - 38	03/22/21	Not Sampled on Current Sample Schedule				
MW - 38	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 38	09/09/21	Not Sampled on Current Sample Schedule				
MW - 38	12/14/21	Not Sampled on Current Sample Schedule				
MW - 39	03/22/21	Not Sampled on Current Sample Schedule				
MW - 39	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 39	09/09/21	Not Sampled on Current Sample Schedule				
MW - 39	12/14/21	Not Sampled on Current Sample Schedule				
MW - 40	03/22/21	Not Sampled on Current Sample Schedule				
MW - 40	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 40	09/09/21	Not Sampled on Current Sample Schedule				

TABLE 2
2021 CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENE
MW - 40	12/14/21	Not Sampled on Current Sample Schedule				

TABLE 3

2021 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-1	12/15/21	Not Sampled due to the presence of PSH.																		
MW-2	12/15/21	Not Sampled due to the presence of PSH.																		
MW-3	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	12/15/21	0.0026	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0042	<0.00010	0.0056	<0.00010	0.132			0.0044
MW-6	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	12/16/21	Not Sampled due to the presence of PSH.																		
MW-9	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/15/21	0.0021	0.00081	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0037	<0.00010	0.0051	<0.00010	0.164			0.0047
MW-12	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/15/21	DRY																		
MW-17	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	12/15/21	DRY																		

TABLE 3

2021 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-19	12/14/21	DRY																		
MW-21	12/15/21	DRY																		
MW-23	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-29	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	12/15/21	DRY																		
MW-31	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-32	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-33	12/14/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-34	12/14/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-35	12/14/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-36	12/14/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-37	12/14/21	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

2021 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

All water concentrations are reported in mg/L																				
SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-38	12/14/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-39	12/14/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-40	12/14/21	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	03/24/00	3859.08	-	56.87	0.00	3802.21
MW - 1	06/14/00	3859.08	-	57.40	0.00	3801.68
MW - 1	09/22/00	3859.08	-	56.50	0.00	3802.58
MW - 1	12/28/00	3859.08	-	56.68	0.00	3802.40
MW - 1	03/14/01	3859.08	-	56.78	0.00	3802.30
MW - 1	06/06/01	3859.08	-	56.94	0.00	3802.14
MW - 1	09/28/01	3859.08	-	57.05	0.00	3802.03
MW - 1	11/17/01	3859.08	-	57.57	0.00	3801.51
MW - 1	03/26/02	3859.08	-	57.54	0.00	3801.54
MW - 1	06/26/02	3859.08	-	57.45	0.00	3801.63
MW - 1	09/25/02	3859.08	-	57.60	0.00	3801.48
MW - 1	12/10/02	3859.08	-	57.61	0.00	3801.47
MW - 1	03/10/03	3859.08	-	57.67	0.00	3801.41
MW - 1	06/09/03	3859.08	-	57.79	0.00	3801.29
MW - 1	09/03/03	3859.08	57.90	57.98	0.08	3801.17
MW - 1	09/25/03	3859.08	57.90	57.96	0.06	3801.17
MW - 1	10/06/03	3859.08	sheen	58.09	0.00	3800.99
MW - 1	10/21/03	3859.08	sheen	58.11	0.00	3800.97
MW - 1	11/11/03	3859.08	sheen	58.42	0.00	3800.66
MW - 1	12/08/03	3859.08	57.99	58.23	0.24	3801.05
MW - 1	01/05/04	3859.08	58.16	58.54	0.38	3800.86
MW - 1	01/13/04	3859.08	58.67	58.68	0.01	3800.41
MW - 1	02/19/04	3859.08	-	58.37	0.00	3800.71
MW - 1	03/01/04	3859.08	-	58.24	0.00	3800.84
MW - 1	03/11/04	3859.08	-	58.56	0.00	3800.52
MW - 1	04/09/04	3859.08	58.85	58.87	0.02	3800.23
MW - 1	05/19/04	3859.08	-	58.20	0.00	3800.88
MW - 1	06/10/04	3859.08	58.27	58.28	0.01	3800.81
MW - 1	07/01/04	3859.08	58.33	58.34	0.01	3800.75
MW - 1	08/26/04	3859.08	58.26	58.42	0.16	3800.80
MW - 1	09/23/04	3859.08	58.30	58.75	0.45	3800.71
MW - 1	10/15/04	3859.08	sheen	57.66	0.00	3801.42
MW - 1	11/14/04	3859.08	57.22	57.23	0.01	3801.86
MW - 1	12/09/04	3859.08	57.30	57.35	0.05	3801.77
MW - 1	12/14/04	3859.08	57.28	57.35	0.07	3801.79
MW - 1	12/31/04	3859.08	57.08	57.31	0.23	3801.97
MW - 1	01/13/05	3859.08	56.97	57.20	0.23	3802.08
MW - 1	01/20/05	3859.08	56.94	56.97	0.03	3802.14
MW - 1	01/27/05	3859.08	sheen	57.09	0.00	3801.99
MW - 1	02/04/05	3859.08	sheen	57.02	0.00	3802.06

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	02/10/05	3859.08	sheen	56.98	0.00	3802.10
MW - 1	02/17/05	3859.08	sheen	57.08	0.00	3802.00
MW - 1	02/24/05	3859.08	sheen	57.04	0.00	3802.04
MW - 1	03/03/05	3859.08	sheen	57.08	0.00	3802.00
MW - 1	03/17/05	3859.08	57.11	57.12	0.01	3801.97
MW - 1	04/07/05	3859.08	57.18	57.25	0.07	3801.89
MW - 1	05/26/05	3859.08	57.42	57.45	0.03	3801.66
MW - 1	06/15/05	3859.08	-	57.42	0.00	3801.66
MW - 1	06/23/05	3859.08	sheen	57.38	0.00	3801.70
MW - 1	07/27/05	3859.08	sheen	57.51	0.00	3801.57
MW - 1	08/25/05	3859.08	sheen	57.30	0.00	3801.78
MW - 1	09/14/05	3859.08	57.56	57.71	0.15	3801.50
MW - 1	09/28/05	3859.08	57.50	57.74	0.24	3801.54
MW - 1	10/28/05	3859.08	57.55	57.95	0.40	3801.47
MW - 1	11/16/05	3859.08	57.51	60.01	2.50	3801.20
MW - 1	12/13/05	3859.08	57.67	58.31	0.64	3801.31
MW - 1	12/29/05	3859.08	57.70	58.40	0.70	3801.28
MW - 1	01/13/06	3859.08	57.73	58.51	0.78	3801.23
MW - 1	01/27/06	3859.08	57.80	58.35	0.55	3801.20
MW - 1	02/24/06	3859.08	57.83	58.60	0.77	3801.13
MW - 1	03/08/06	3859.08	57.86	58.51	0.65	3801.12
MW - 1	03/15/06	3859.08	57.80	58.71	0.91	3801.14
MW - 1	03/24/06	3859.08	57.80	58.64	0.84	3801.15
MW - 1	03/31/06	3859.08	57.85	58.85	1.00	3801.08
MW - 1	05/04/06	3859.08	57.93	58.69	0.76	3801.04
MW - 1	05/09/06	3859.08	58.01	58.21	0.20	3801.04
MW - 1	05/10/06	3859.08	58.03	58.12	0.09	3801.04
MW - 1	05/15/06	3859.08	58.08	58.17	0.09	3800.99
MW - 1	05/17/06	3859.08	58.05	58.11	0.06	3801.02
MW - 1	05/24/06	3859.08	58.09	58.11	0.02	3800.99
MW - 1	05/31/06	3859.08	58.07	58.23	0.16	3800.99
MW - 1	06/02/06	3859.08	58.08	58.13	0.05	3800.99
MW - 1	06/05/06	3859.08	58.08	58.17	0.09	3800.99
MW - 1	06/12/06	3859.08	58.08	58.26	0.18	3800.97
MW - 1	06/14/06	3859.08	58.09	58.18	0.09	3800.98
MW - 1	06/15/06	3859.08	58.10	58.21	0.11	3800.96
MW - 1	06/19/06	3859.08	58.10	58.23	0.13	3800.96
MW - 1	07/10/06	3859.08	58.11	58.44	0.33	3800.92
MW - 1	07/12/06	3859.08	58.14	58.29	0.15	3800.92
MW - 1	07/14/06	3859.08	58.12	58.38	0.26	3800.92

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	07/20/06	3859.08	58.02	58.33	0.31	3801.01
MW - 1	07/31/06	3859.08	58.16	58.46	0.30	3800.88
MW - 1	08/08/06	3859.08	58.20	58.48	0.28	3800.84
MW - 1	08/10/06	3859.08	58.17	58.44	0.27	3800.87
MW - 1	08/17/06	3859.08	58.21	58.59	0.38	3800.81
MW - 1	08/21/06	3859.08	58.39	58.86	0.47	3800.62
MW - 1	08/23/06	3859.08	58.20	58.38	0.18	3800.85
MW - 1	09/13/06	3859.08	58.19	58.61	0.42	3800.83
MW - 1	09/18/06	3859.08	58.17	58.69	0.52	3800.83
MW - 1	10/03/06	3859.08	58.20	58.40	0.20	3800.85
MW - 1	10/04/06	3859.08	58.28	58.56	0.28	3800.76
MW - 1	10/06/06	3859.08	58.25	58.72	0.47	3800.76
MW - 1	10/10/06	3859.08	58.26	58.59	0.33	3800.77
MW - 1	10/11/06	3859.08	58.25	58.56	0.31	3800.78
MW - 1	10/20/06	3859.08	58.27	58.50	0.23	3800.78
MW - 1	10/26/06	3859.08	58.28	58.58	0.30	3800.76
MW - 1	10/30/06	3859.08	58.29	58.55	0.26	3800.75
MW - 1	11/06/06	3859.08	58.29	58.55	0.26	3800.75
MW - 1	11/07/06	3859.08	58.29	58.40	0.11	3800.77
MW - 1	11/09/06	3859.08	58.30	58.31	0.01	3800.78
MW - 1	11/17/06	3859.08	58.32	58.43	0.11	3800.74
MW - 1	11/20/06	3859.08	58.30	58.44	0.14	3800.76
MW - 1	11/22/06	3859.08	58.31	58.45	0.14	3800.75
MW - 1	11/27/06	3859.08	58.28	58.48	0.20	3800.77
MW - 1	11/29/06	3859.08	58.31	58.48	0.17	3800.74
MW - 1	12/01/06	3859.08	58.34	58.46	0.12	3800.72
MW - 1	12/04/06	3859.08	58.35	58.50	0.15	3800.71
MW - 1	12/06/06	3859.08	58.33	58.47	0.14	3800.73
MW - 1	12/08/06	3859.08	58.33	58.47	0.14	3800.73
MW - 1	12/13/06	3859.08	58.32	58.57	0.25	3800.72
MW - 1	12/18/06	3859.08	58.34	58.60	0.26	3800.70
MW - 1	01/10/07	3859.08	58.25	58.93	0.68	3800.73
MW - 1	02/06/07	3859.08	58.34	58.90	0.56	3800.66
MW - 1	02/13/07	3859.08	58.35	58.84	0.49	3800.66
MW - 1	02/28/07	3859.08	58.33	58.68	0.35	3800.70
MW - 1	03/01/07	3859.08	58.41	58.68	0.27	3800.63
MW - 1	03/06/07	3859.08	58.35	58.69	0.34	3800.68
MW - 1	03/14/07	3859.08	58.34	58.75	0.41	3800.68
MW - 1	04/04/07	3859.08	58.39	58.82	0.43	3800.63
MW - 1	04/16/07	3859.08	58.37	58.96	0.59	3800.62

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	04/24/07	3859.08	58.38	58.83	0.45	3800.63
MW - 1	05/01/07	3859.08	58.41	58.75	0.34	3800.62
MW - 1	05/16/07	3859.08	58.38	59.02	0.64	3800.60
MW - 1	05/21/07	3859.08	58.36	59.14	0.78	3800.60
MW - 1	05/24/07	3859.08	58.40	58.90	0.50	3800.61
MW - 1	05/29/07	3859.08	58.38	59.09	0.71	3800.59
MW - 1	06/05/07	3859.08	58.39	58.98	0.59	3800.60
MW - 1	06/12/07	3859.08	58.43	58.98	0.55	3800.57
MW - 1	06/18/07	3859.08	58.43	58.90	0.47	3800.58
MW - 1	06/29/07	3859.08	58.41	58.96	0.55	3800.59
MW - 1	07/03/07	3859.08	58.44	58.81	0.37	3800.58
MW - 1	07/10/07	3859.08	58.45	58.83	0.38	3800.57
MW - 1	07/18/07	3859.08	58.44	58.84	0.40	3800.58
MW - 1	07/30/07	3859.08	58.47	58.90	0.43	3800.55
MW - 1	08/06/07	3859.08	58.48	58.88	0.40	3800.54
MW - 1	08/13/07	3859.08	58.49	58.88	0.39	3800.53
MW - 1	08/23/07	3859.08	58.48	59.04	0.56	3800.52
MW - 1	08/31/07	3859.08	58.44	59.27	0.83	3800.52
MW - 1	09/17/07	3859.08	58.50	59.04	0.54	3800.50
MW - 1	09/28/07	3859.08	58.49	59.15	0.66	3800.49
MW - 1	10/12/07	3859.08	58.48	59.31	0.83	3800.48
MW - 1	11/08/07	3859.08	58.46	59.68	1.22	3800.44
MW - 1	11/09/07	3859.08	58.46	59.71	1.25	3800.43
MW - 1	12/13/07	3859.08	58.41	59.96	1.55	3800.44
MW - 1	01/10/08	3859.08	58.51	59.63	1.12	3800.40
MW - 1	01/16/08	3859.08	58.60	59.21	0.61	3800.39
MW - 1	01/22/08	3859.08	58.56	59.38	0.82	3800.40
MW - 1	02/07/08	3859.08	58.65	59.21	0.56	3800.35
MW - 1	02/12/08	3859.08	58.69	59.10	0.41	3800.33
MW - 1	02/20/08	3859.08	58.63	59.11	0.48	3800.38
MW - 1	02/27/08	3859.08	58.69	59.11	0.42	3800.33
MW - 1	03/04/08	3859.08	58.66	59.11	0.45	3800.35
MW - 1	03/23/08	3859.08	58.61	59.41	0.80	3800.35
MW - 1	04/09/08	3859.08	58.66	59.49	0.83	3800.30
MW - 1	04/18/08	3859.08	58.68	59.40	0.72	3800.29
MW - 1	04/25/08	3859.08	58.73	59.30	0.57	3800.26
MW - 1	04/30/08	3859.08	58.71	59.21	0.50	3800.30
MW - 1	05/16/08	3859.08	58.66	59.62	0.96	3800.28
MW - 1	05/16/08	3859.08	sheen	60.56	0.00	3798.52
MW - 1	06/03/08	3859.08	58.76	59.23	0.47	3800.25

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	06/11/08	3859.08	58.74	59.29	0.55	3800.26
MW - 1	06/11/08	3859.08	58.74	59.33	0.59	3800.25
MW - 1	06/18/08	3859.08	58.77	59.33	0.56	3800.23
MW - 1	06/25/08	3859.08	58.76	59.31	0.55	3800.24
MW - 1	07/01/08	3859.08	58.80	59.23	0.43	3800.22
MW - 1	07/09/08	3859.08	58.79	59.35	0.56	3800.21
MW - 1	07/15/08	3859.08	58.80	59.25	0.45	3800.21
MW - 1	07/23/08	3859.08	58.78	59.39	0.61	3800.21
MW - 1	08/13/08	3859.08	58.73	59.90	1.17	3800.17
MW - 1	09/09/08	3859.08	58.73	60.01	1.28	3800.16
MW - 1	09/11/08	3859.08	58.70	60.07	1.37	3800.17
MW - 1	09/22/08	3859.08	58.80	59.59	0.79	3800.16
MW - 1	10/01/08	3859.08	58.84	59.56	0.72	3800.13
MW - 1	10/16/08	3859.08	58.89	59.42	0.53	3800.11
MW - 1	10/23/08	3859.08	58.88	59.40	0.52	3800.12
MW - 1	10/30/08	3859.08	58.91	59.45	0.54	3800.09
MW - 1	11/04/08	3859.08	58.90	59.31	0.41	3800.12
MW - 1	11/25/08	3859.08	58.80	60.08	1.28	3800.09
MW - 1	11/25/08	3859.08	60.04	60.08	0.04	3799.03
MW - 1	12/11/08	3859.08	58.88	60.02	1.14	3800.03
MW - 1	01/02/09	3859.08	58.75	60.73	1.98	3800.03
MW - 1	01/08/09	3859.08	58.95	59.66	0.71	3800.02
MW - 1	01/14/09	3859.08	59.02	59.61	0.59	3799.97
MW - 1	02/12/09	3859.08	58.62	60.60	1.98	3800.16
MW - 1	02/19/09	3859.08	58.81	60.81	2.00	3799.97
MW - 1	02/26/09	3859.08	58.96	59.67	0.71	3800.01
MW - 1	03/04/09	3859.08	58.92	60.00	1.08	3800.00
MW - 1	03/16/09	3859.08	59.06	60.04	0.98	3799.87
MW - 1	03/19/09	3859.08	58.85	60.57	1.72	3799.97
MW - 1	03/24/09	3859.08	58.82	60.79	1.97	3799.96
MW - 1	04/08/09	3859.08	59.05	60.06	1.01	3799.88
MW - 1	04/15/09	3859.08	58.89	60.47	1.58	3799.95
MW - 1	04/17/09	3859.08	59.04	60.04	1.00	3799.89
MW - 1	04/21/09	3859.08	59.02	60.01	0.99	3799.91
MW - 1	04/29/09	3859.08	58.94	60.24	1.30	3799.95
MW - 1	05/06/09	3859.08	59.03	59.77	0.74	3799.94
MW - 1	05/20/09	3859.08	59.00	60.15	1.15	3799.91
MW - 1	05/22/09	3859.08	59.11	59.54	0.43	3799.91
MW - 1	05/27/09	3859.08	59.02	59.97	0.95	3799.92
MW - 1	06/01/09	3859.08	59.00	60.16	1.16	3799.91

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	06/09/09	3859.08	59.08	59.81	0.73	3799.89
MW - 1	06/17/09	3859.08	59.02	60.05	1.03	3799.91
MW - 1	06/23/09	3859.08	59.04	60.02	0.98	3799.89
MW - 1	06/30/09	3859.08	58.91	60.62	1.71	3799.91
MW - 1	07/10/09	3859.08	59.02	60.01	0.99	3799.91
MW - 1	07/13/09	3859.08	59.08	59.53	0.45	3799.93
MW - 1	07/17/09	3859.08	59.00	60.01	1.01	3799.93
MW - 1	07/24/09	3859.08	59.01	59.91	0.90	3799.94
MW - 1	07/28/09	3859.08	59.08	59.54	0.46	3799.93
MW - 1	08/04/09	3859.08	59.00	59.91	0.91	3799.94
MW - 1	08/12/09	3859.08	59.02	59.94	0.92	3799.92
MW - 1	08/18/09	3859.08	59.05	59.79	0.74	3799.92
MW - 1	08/20/09	3859.08	59.03	59.84	0.81	3799.93
MW - 1	08/26/09	3859.08	59.04	59.95	0.91	3799.90
MW - 1	09/02/09	3859.08	59.02	59.86	0.84	3799.93
MW - 1	09/09/09	3859.08	59.05	59.73	0.68	3799.93
MW - 1	09/14/09	3859.08	59.08	59.63	0.55	3799.92
MW - 1	09/21/09	3859.08	59.09	59.69	0.60	3799.90
MW - 1	10/01/09	3859.08	59.06	59.94	0.88	3799.89
MW - 1	10/08/09	3859.08	59.04	59.81	0.77	3799.92
MW - 1	10/14/09	3859.08	59.10	59.68	0.58	3799.89
MW - 1	10/21/09	3859.08	59.01	60.53	1.52	3799.84
MW - 1	10/28/09	3859.08	59.08	59.97	0.89	3799.87
MW - 1	10/29/09	3859.08	59.17	59.47	0.30	3799.87
MW - 1	11/04/09	3859.08	59.12	59.70	0.58	3799.87
MW - 1	11/11/09	3859.08	59.15	59.85	0.70	3799.83
MW - 1	11/18/09	3859.08	59.14	59.85	0.71	3799.83
MW - 1	12/02/09	3859.08	59.10	60.25	1.15	3799.81
MW - 1	12/10/09	3859.08	59.20	59.85	0.65	3799.78
MW - 1	12/18/09	3859.08	59.16	60.05	0.89	3799.79
MW - 1	12/23/09	3859.08	59.20	59.78	0.58	3799.79
MW - 1	12/30/09	3859.08	59.25	59.92	0.67	3799.73
MW - 1	01/06/10	3859.08	59.20	59.85	0.65	3799.78
MW - 1	01/19/10	3859.08	59.21	59.83	0.62	3799.78
MW - 1	02/02/10	3859.08	59.05	60.94	1.89	3799.75
MW - 1	02/19/10	3859.08	59.18	60.90	1.72	3799.64
MW - 1	02/22/10	3859.08	59.31	59.96	0.65	3799.67
MW - 1	03/02/10	3859.08	59.24	60.49	1.25	3799.65
MW - 1	03/09/10	3859.08	59.33	60.05	0.72	3799.64
MW - 1	03/11/10	3859.08	59.36	60.03	0.67	3799.62

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	03/16/10	3859.08	59.08	60.92	1.84	3799.72
MW - 1	03/18/10	3859.08	59.22	60.00	0.78	3799.74
MW - 1	03/24/10	3859.08	59.34	60.03	0.69	3799.64
MW - 1	03/31/10	3859.08	59.34	59.99	0.65	3799.64
MW - 1	04/08/10	3859.08	59.07	60.90	1.83	3799.74
MW - 1	04/15/10	3859.08	59.09	60.89	1.80	3799.72
MW - 1	04/28/10	3859.08	59.12	60.63	1.51	3799.73
MW - 1	05/06/10	3859.08	59.10	60.65	1.55	3799.75
MW - 1	05/13/10	3859.08	59.13	60.60	1.47	3799.73
MW - 1	05/19/10	3859.08	59.11	60.58	1.47	3799.75
MW - 1	05/27/10	3859.08	59.09	61.08	1.99	3799.69
MW - 1	06/04/10	3859.08	59.28	60.13	0.85	3799.67
MW - 1	07/02/10	3859.08	59.19	60.88	1.69	3799.64
MW - 1	07/09/10	3859.08	59.06	60.96	1.90	3799.74
MW - 1	07/14/10	3859.08	58.95	59.67	0.72	3800.02
MW - 1	07/22/10	3859.08	58.82	59.67	0.85	3800.13
MW - 1	07/29/10	3859.08	58.78	59.81	1.03	3800.15
MW - 1	08/05/10	3859.08	58.74	60.17	1.43	3800.13
MW - 1	08/12/10	3859.08	58.80	59.82	1.02	3800.13
MW - 1	08/18/10	3859.08	58.82	59.82	1.00	3800.11
MW - 1	08/26/10	3859.08	58.82	59.92	1.10	3800.10
MW - 1	09/02/10	3859.08	58.75	60.46	1.71	3800.07
MW - 1	09/08/10	3859.08	58.83	59.91	1.08	3800.09
MW - 1	09/30/10	3859.08	58.91	60.27	1.36	3799.97
MW - 1	10/07/10	3859.08	58.93	60.25	1.32	3799.95
MW - 1	10/14/10	3859.08	58.95	60.23	1.28	3799.94
MW - 1	10/21/10	3859.08	58.93	60.26	1.33	3799.95
MW - 1	11/04/10	3859.08	58.75	60.94	2.19	3800.00
MW - 1	11/11/10	3859.08	58.73	62.10	3.37	3799.84
MW - 1	11/30/10	3859.08	58.94	60.24	1.30	3799.95
MW - 1	12/08/10	3859.08	58.84	60.63	1.79	3799.97
MW - 1	12/16/10	3859.08	58.76	60.59	1.83	3800.05
MW - 1	12/22/10	3859.08	59.41	61.13	1.72	3799.41
MW - 1	01/13/11	3859.08	58.76	60.37	1.61	3800.08
MW - 1	01/27/11	3859.08	58.97	61.30	2.33	3799.76
MW - 1	03/08/11	3859.08	58.80	60.27	1.47	3800.06
MW - 1	04/28/11	3859.08	58.66	64.08	5.42	3799.61
MW - 1	05/11/11	3859.08	58.58	63.97	5.39	3799.69
MW - 1	05/18/11	3859.08	58.60	64.02	5.42	3799.67
MW - 1	05/23/11	3859.08	58.70	64.05	5.35	3799.58

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	05/26/11	3859.08	58.70	64.05	5.35	3799.58
MW - 1	06/02/11	3859.08	58.66	64.40	5.74	3799.56
MW - 1	06/08/11	3859.08	59.23	64.30	5.07	3799.09
MW - 1	06/16/11	3859.08	58.91	64.19	5.28	3799.38
MW - 1	06/22/11	3859.08	58.90	64.31	5.41	3799.37
MW - 1	06/30/11	3859.08	59.00	63.88	4.88	3799.35
MW - 1	07/06/11	3859.08	59.34	63.70	4.36	3799.09
MW - 1	07/13/11	3859.08	59.28	62.80	3.52	3799.27
MW - 1	07/19/11	3859.08	59.39	61.44	2.05	3799.38
MW - 1	07/26/11	3859.08	59.31	60.91	1.60	3799.53
MW - 1	08/12/11	3859.08	59.27	61.38	2.11	3799.49
MW - 1	08/16/11	3859.08	59.39	60.55	1.16	3799.52
MW - 1	08/19/11	3859.08	59.39	60.99	1.60	3799.45
MW - 1	08/23/11	3859.08	59.41	60.52	1.11	3799.50
MW - 1	09/06/11	3859.08	59.42	62.49	3.07	3799.20
MW - 1	09/13/11	3859.08	59.43	60.81	1.38	3799.44
MW - 1	10/13/11	3859.08	59.41	60.82	1.41	3799.46
MW - 1	11/15/11	3859.08	59.38	61.45	2.07	3799.39
MW - 1	11/30/11	3859.08	59.31	61.92	2.61	3799.38
MW - 1	01/24/12	3859.08	59.59	62.55	2.96	3799.05
MW - 1	01/31/12	3859.08	59.55	61.06	1.51	3799.30
MW - 1	02/08/12	3859.08	59.50	60.79	1.29	3799.39
MW - 1	02/29/12	3859.08	59.53	61.55	2.02	3799.25
MW - 1	03/09/12	3859.08	59.74	60.60	0.86	3799.21
MW - 1	03/16/12	3859.08	59.68	60.86	1.18	3799.22
MW - 1	03/21/12	3859.08	59.79	60.42	0.63	3799.20
MW - 1	03/28/12	3859.08	59.79	60.53	0.74	3799.18
MW - 1	04/04/12	3859.08	59.75	60.55	0.80	3799.21
MW - 1	04/11/12	3859.08	59.77	60.64	0.87	3799.18
MW - 1	04/18/12	3859.08	59.78	60.62	0.84	3799.17
MW - 1	04/25/12	3859.08	59.78	60.60	0.82	3799.18
MW - 1	05/01/12	3859.08	59.77	60.73	0.96	3799.17
MW - 1	05/09/12	3859.08	59.78	60.60	0.82	3799.18
MW - 1	06/07/12	3859.08	59.60	61.85	2.25	3799.14
MW - 1	06/20/12	3859.08	59.55	62.44	2.89	3799.10
MW - 1	06/27/12	3859.08	59.65	61.90	2.25	3799.09
MW - 1	07/11/12	3859.08	59.62	62.96	3.34	3798.96
MW - 1	08/10/12	3859.08	60.12	61.08	0.96	3798.82
MW - 1	09/06/12	3859.08	59.39	64.05	4.66	3798.99
MW - 1	10/04/12	3859.08	59.65	63.29	3.64	3798.88

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	10/12/12	3859.08	59.98	61.16	1.18	3798.92
MW - 1	10/18/12	3859.08	59.96	61.46	1.50	3798.90
MW - 1	10/25/12	3859.08	60.08	60.73	0.65	3798.90
MW - 1	10/31/12	3859.08	60.04	60.83	0.79	3798.92
MW - 1	11/15/12	3859.08	60.13	60.43	0.30	3798.91
MW - 1	11/27/12	3859.08	60.10	60.81	0.71	3798.87
MW - 1	12/19/12	3859.08	60.02	61.45	1.43	3798.85
MW - 1	01/17/13	3859.08	59.92	62.16	2.24	3798.82
MW - 1	01/31/13	3859.08	59.89	62.41	2.52	3798.81
MW - 1	02/21/13	3859.08	59.88	62.69	2.81	3798.78
MW - 1	03/05/13	3859.08	59.86	62.94	3.08	3798.76
MW - 1	03/21/13	3859.08	59.89	62.64	2.75	3798.78
MW - 1	04/04/13	3859.08	59.92	62.76	2.84	3798.73
MW - 1	04/11/13	3859.08	60.29	60.57	0.28	3798.75
MW - 1	04/18/13	3859.08	60.30	60.67	0.37	3798.72
MW - 1	04/25/13	3859.08	60.26	60.82	0.56	3798.74
MW - 1	05/01/13	3859.08	60.26	60.89	0.63	3798.73
MW - 1	05/10/13	3859.08	60.26	60.91	0.65	3798.72
MW - 1	05/15/13	3859.08	60.24	60.81	0.57	3798.75
MW - 1	05/24/13	3859.08	60.23	61.28	1.05	3798.69
MW - 1	05/30/13	3859.08	60.29	60.90	0.61	3798.70
MW - 1	06/06/13	3859.08	60.30	60.89	0.59	3798.69
MW - 1	06/14/13	3859.08	60.29	60.98	0.69	3798.69
MW - 1	06/20/13	3859.08	60.35	60.70	0.35	3798.68
MW - 1	06/27/13	3859.08	60.32	60.68	0.36	3798.71
MW - 1	07/03/13	3859.08	60.34	60.84	0.50	3798.67
MW - 1	07/10/13	3859.08	60.37	60.73	0.36	3798.66
MW - 1	07/25/13	3859.08	60.35	60.91	0.56	3798.65
MW - 1	07/31/13	3859.08	60.54	60.63	0.09	3798.53
MW - 1	08/20/13	3859.08	60.38	60.81	0.43	3798.64
MW - 1	08/29/13	3859.08	60.32	61.02	0.70	3798.66
MW - 1	09/09/13	3859.08	60.33	61.31	0.98	3798.60
MW - 1	09/18/13	3859.08	60.34	61.21	0.87	3798.61
MW - 1	09/27/13	3859.08	60.36	61.12	0.76	3798.61
MW - 1	10/02/13	3859.08	60.39	61.09	0.70	3798.59
MW - 1	10/08/13	3859.08	60.38	60.95	0.57	3798.61
MW - 1	10/16/13	3859.08	60.38	61.01	0.63	3798.61
MW - 1	10/24/13	3859.08	60.34	61.18	0.84	3798.61
MW - 1	10/31/13	3859.08	60.38	61.05	0.67	3798.60
MW - 1	11/11/13	3859.08	60.40	61.10	0.70	3798.58

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	12/11/13	3859.08	60.43	61.30	0.87	3798.52
MW - 1	12/17/13	3859.08	60.40	61.46	1.06	3798.52
MW - 1	01/03/14	3859.08	60.45	61.47	1.02	3798.48
MW - 1	01/09/14	3859.08	60.43	61.28	0.85	3798.52
MW - 1	01/15/14	3859.08	60.45	61.22	0.77	3798.51
MW - 1	01/22/14	3859.08	60.44	61.40	0.96	3798.50
MW - 1	01/29/14	3859.08	60.39	61.36	0.97	3798.54
MW - 1	02/20/14	3859.08	60.34	61.85	1.51	3798.51
MW - 1	03/04/14	3859.08	60.34	62.16	1.82	3798.47
MW - 1	03/11/14	3859.08	60.35	62.30	1.95	3798.44
MW - 1	03/18/14	3859.08	60.31	62.45	2.14	3798.45
MW - 1	03/29/14	3859.08	60.36	62.19	1.83	3798.45
MW - 1	04/01/14	3859.08	60.56	61.11	0.55	3798.44
MW - 1	04/08/14	3859.08	60.54	61.15	0.61	3798.45
MW - 1	04/18/14	3859.08	60.54	61.23	0.69	3798.44
MW - 1	04/23/14	3859.08	60.58	61.10	0.52	3798.42
MW - 1	05/05/14	3859.08	60.56	61.14	0.58	3798.43
MW - 1	05/16/14	3859.08	60.59	61.25	0.66	3798.39
MW - 1	05/20/14	3859.08	60.62	61.08	0.46	3798.39
MW - 1	05/30/14	3859.08	60.56	61.43	0.87	3798.39
MW - 1	06/18/14	3859.08	60.52	61.80	1.28	3798.37
MW - 1	06/27/14	3859.08	60.58	61.50	0.92	3798.36
MW - 1	07/02/14	3859.08	60.60	61.43	0.83	3798.36
MW - 1	07/10/14	3859.08	60.55	61.22	0.67	3798.43
MW - 1	07/29/14	3859.08	60.60	61.65	1.05	3798.32
MW - 1	07/30/14	3859.08	60.60	61.65	1.05	3798.32
MW - 1	08/08/14	3859.08	60.54	62.05	1.51	3798.31
MW - 1	08/19/14	3859.08	60.51	62.02	1.51	3798.34
MW - 1	09/04/14	3859.08	60.51	62.55	2.04	3798.26
MW - 1	09/11/14	3859.08	60.65	61.80	1.15	3798.26
MW - 1	10/16/14	3859.08	60.49	62.20	1.71	3798.33
MW - 1	10/22/12	3859.08	60.62	61.50	0.88	3798.33
MW - 1	10/23/14	3859.08	60.60	61.50	0.90	3798.35
MW - 1	11/24/14	3859.08	60.55	62.20	1.65	3798.28
MW - 1	12/05/14	3859.08	60.54	62.52	1.98	3798.24
MW - 1	12/12/14	3859.08	61.50	62.70	1.20	3797.40
MW - 1	12/19/14	3859.08	60.66	61.78	1.12	3798.25
MW - 1	01/07/15	3859.08	60.66	62.04	1.38	3798.21
MW - 1	01/15/15	3859.08	60.70	61.70	1.00	3798.23
MW - 1	02/05/15	3859.08	60.64	62.08	1.44	3798.22

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	02/11/15	3859.08	60.71	61.70	0.99	3798.22
MW - 1	02/20/15	3859.08	60.66	62.08	1.42	3798.21
MW - 1	03/06/15	3859.08	60.67	61.94	1.27	3798.22
MW - 1	03/11/15	3859.08	60.74	61.71	0.97	3798.19
MW - 1	03/13/15	3859.08	61.72	62.79	1.07	3797.20
MW - 1	03/17/15	3859.08	60.78	61.58	0.80	3798.18
MW - 1	04/01/15	3859.08	61.72	62.85	1.13	3797.19
MW - 1	04/09/15	3859.08	60.78	61.76	0.98	3798.15
MW - 1	04/15/15	3859.08	60.79	61.52	0.73	3798.18
MW - 1	04/17/15	3859.08	60.87	61.27	0.40	3798.15
MW - 1	04/28/15	3859.08	60.81	61.74	0.93	3798.13
MW - 1	05/19/15	3859.08	60.74	62.11	1.37	3798.13
MW - 1	06/02/15	3859.08	60.68	62.53	1.85	3798.12
MW - 1	06/11/15	3859.08	60.83	61.80	0.97	3798.10
MW - 1	06/17/15	3859.08	60.85	61.65	0.80	3798.11
MW - 1	06/25/15	3859.08	60.85	61.70	0.85	3798.10
MW - 1	07/01/15	3859.08	60.89	61.56	0.67	3798.09
MW - 1	07/08/15	3859.08	60.89	61.59	0.70	3798.09
MW - 1	07/15/15	3859.08	60.90	61.60	0.70	3798.08
MW - 1	07/22/15	3859.08	60.74	62.09	1.35	3798.14
MW - 1	07/29/15	3859.08	60.80	62.15	1.35	3798.08
MW - 1	07/31/15	3859.08	60.91	61.58	0.67	3798.07
MW - 1	08/06/15	3859.08	60.87	61.84	0.97	3798.06
MW - 1	08/12/15	3859.08	60.90	61.71	0.81	3798.06
MW - 1	08/17/15	3859.08	60.87	61.78	0.91	3798.07
MW - 1	08/19/15	3859.08	60.82	60.91	0.09	3798.25
MW - 1	08/27/15	3859.08	60.90	61.82	0.92	3798.04
MW - 1	09/03/15	3859.08	60.95	61.52	0.57	3798.04
MW - 1	09/09/15	3859.08	60.96	61.38	0.42	3798.06
MW - 1	09/11/15	3859.08	61.03	61.23	0.20	3798.02
MW - 1	09/15/15	3859.08	60.98	61.40	0.42	3798.04
MW - 1	09/22/15	3859.08	60.96	61.55	0.59	3798.03
MW - 1	09/30/15	3859.08	60.95	61.68	0.73	3798.02
MW - 1	10/06/15	3859.08	60.97	61.66	0.69	3798.01
MW - 1	10/13/15	3859.08	60.99	61.52	0.53	3798.01
MW - 1	10/22/15	3859.08	61.01	61.57	0.56	3797.99
MW - 1	10/27/15	3859.08	61.00	61.59	0.59	3797.99
MW - 1	11/11/15	3859.08	60.96	61.93	0.97	3797.97
MW - 1	11/18/15	3859.08	60.98	62.09	1.11	3797.93
MW - 1	12/03/15	3859.08	60.87	62.67	1.80	3797.94

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	12/10/15	3859.08	60.94	62.30	1.36	3797.94
MW - 1	12/22/15	3859.08	60.92	62.30	1.38	3797.95
MW - 1	01/08/16	3859.08	60.96	62.38	1.42	3797.91
MW - 1	01/14/16	3859.08	60.93	62.43	1.50	3797.93
MW - 1	01/28/16	3859.08	60.91	62.63	1.72	3797.91
MW - 1	02/02/16	3859.08	61.12	61.51	0.39	3797.90
MW - 1	02/09/16	3859.08	61.08	61.79	0.71	3797.89
MW - 1	03/02/16	3859.08	60.95	62.60	1.65	3797.88
MW - 1	03/09/16	3859.08	61.08	61.98	0.90	3797.87
MW - 1	03/17/16	3859.08	61.04	62.30	1.26	3797.85
MW - 1	04/06/16	3859.08	61.06	62.17	1.11	3797.85
MW - 1	04/13/16	3859.08	61.15	61.67	0.52	3797.85
MW - 1	04/20/16	3859.08	61.07	61.96	0.89	3797.88
MW - 1	04/27/16	3859.08	61.17	61.66	0.49	3797.84
MW - 1	04/28/16	3859.08	61.17	61.66	0.49	3797.84
MW - 1	05/05/16	3859.08	61.18	61.70	0.52	3797.82
MW - 1	05/10/16	3859.08	61.18	62.96	1.78	3797.63
MW - 1	06/08/16	3859.08	61.03	63.33	2.30	3797.71
MW - 1	06/15/16	3859.08	61.22	61.70	0.48	3797.79
MW - 1	06/21/16	3859.08	61.20	61.82	0.62	3797.79
MW - 1	06/30/16	3859.08	61.18	62.04	0.86	3797.77
MW - 1	07/01/16	3859.08	61.18	62.04	0.86	3797.77
MW - 1	07/07/16	3859.08	61.24	61.86	0.62	3797.75
MW - 1	07/15/16	3859.08	61.23	61.93	0.70	3797.75
MW - 1	07/21/16	3859.08	61.23	61.99	0.76	3797.74
MW - 1	07/28/16	3859.08	61.25	61.91	0.66	3797.73
MW - 1	08/09/16	3859.08	61.21	62.25	1.04	3797.71
MW - 1	08/12/16	3859.08	61.19	62.35	1.16	3797.72
MW - 1	08/16/16	3859.08	61.24	62.04	0.80	3797.72
MW - 1	08/25/16	3859.08	61.25	62.06	0.81	3797.71
MW - 1	09/01/16	3859.08	61.28	61.95	0.67	3797.70
MW - 1	09/08/16	3859.08	61.23	62.27	1.04	3797.69
MW - 1	9/14/16-9/15/2016	3859.08	61.24	62.26	1.02	3797.69
MW - 1	09/22/16	3859.08	61.27	62.19	0.92	3797.67
MW - 1	09/29/16	3859.08	61.30	62.17	0.87	3797.65
MW - 1	10/06/16	3859.08	61.31	62.12	0.81	3797.65
MW - 1	10/13/16	3859.08	61.33	62.17	0.84	3797.62
MW - 1	10/20/16	3859.08	61.36	62.03	0.67	3797.62
MW - 1	10/27/16	3859.08	61.35	62.04	0.69	3797.63
MW - 1	11/10/16	3859.08	61.32	62.44	1.12	3797.59

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	11/16/16	3859.08	61.28	62.70	1.42	3797.59
MW - 1	11/23/16	3859.08	61.25	62.95	1.70	3797.58
MW - 1	12/09/16	3859.08	61.23	63.13	1.90	3797.57
MW - 1	12/14/16	3859.08	61.23	63.33	2.10	3797.54
MW - 1	12/28/16	3859.08	61.16	63.78	2.62	3797.53
MW - 1	01/05/17	3859.08	61.42	62.45	1.03	3797.51
MW - 1	01/12/17	3859.08	61.40	62.55	1.15	3797.51
MW - 1	01/19/17	3859.08	61.45	62.24	0.79	3797.51
MW - 1	01/20/17	3859.08	61.45	62.24	0.79	3797.51
MW - 1	01/25/17	3859.08	61.48	62.26	0.78	3797.48
MW - 1	02/02/17	3859.08	61.49	62.25	0.76	3797.48
MW - 1	02/09/17	3859.08	61.48	62.25	0.77	3797.48
MW - 1	02/17/17	3859.08	61.51	62.33	0.82	3797.45
MW - 1	02/22/17	3859.08	61.52	62.30	0.78	3797.44
MW - 1	03/02/17	3859.08	61.48	62.70	1.22	3797.42
MW - 1	03/09/17	3859.08	61.53	62.36	0.83	3797.43
MW - 1	03/16/17	3859.08	61.55	62.38	0.83	3797.41
MW - 1	03/23/17	3859.08	61.54	62.26	0.72	3797.43
MW - 1	03/30/17	3859.08	61.55	62.50	0.95	3797.39
MW - 1	04/06/17	3859.08	61.57	62.44	0.87	3797.38
MW - 1	04/12/17	3859.08	61.61	62.38	0.77	3797.35
MW - 1	04/20/17	3859.08	61.58	62.42	0.84	3797.37
MW - 1	04/27/17	3859.08	61.63	62.33	0.70	3797.35
MW - 1	05/03/17	3859.08	62.26	62.95	0.69	3796.72
MW - 1	05/11/17	3859.08	61.65	62.39	0.74	3797.32
MW - 1	05/17/17	3859.08	61.66	62.33	0.67	3797.32
MW - 1	05/26/17	3859.08	61.63	62.81	1.18	3797.27
MW - 1	06/02/17	3859.08	61.56	63.11	1.55	3797.29
MW - 1	06/08/17	3859.08	61.67	62.52	0.85	3797.28
MW - 1	06/09/17	3859.08	61.67	62.52	0.85	3797.28
MW - 1	06/14/17	3859.08	61.70	62.40	0.70	3797.28
MW - 1	06/21/17	3859.08	61.71	62.37	0.66	3797.27
MW - 1	06/30/17	3859.08	61.74	62.40	0.66	3797.24
MW - 1	07/06/17	3859.08	61.74	62.53	0.79	3797.22
MW - 1	07/13/17	3859.08	61.74	62.63	0.89	3797.21
MW - 1	07/19/17	3859.08	61.80	62.29	0.49	3797.21
MW - 1	07/23/17	3859.08	61.80	62.26	0.46	3797.21
MW - 1	07/26/17	3859.08	61.67	65.40	3.73	3796.85
MW - 1	08/23/17	3859.08	61.65	63.48	1.83	3797.16
MW - 1	08/31/17	3859.08	61.62	63.78	2.16	3797.14

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	09/20/17	3859.08	61.66	63.81	2.15	3797.10
MW - 1	09/28/17	3859.08	61.90	62.65	0.75	3797.07
MW - 1	10/05/17	3859.08	61.89	62.78	0.89	3797.06
MW - 1	10/10/17	3859.08	61.96	62.43	0.47	3797.05
MW - 1	10/12/17	3859.08	61.92	62.53	0.61	3797.07
MW - 1	10/19/17	3859.08	61.94	62.55	0.61	3797.05
MW - 1	11/02/17	3859.08	61.91	62.84	0.93	3797.03
MW - 1	11/17/17	3859.08	61.90	63.12	1.22	3797.00
MW - 1	11/22/17	3859.08	61.94	63.15	1.21	3796.96
MW - 1	11/29/17	3859.08	61.88	63.33	1.45	3796.98
MW - 1	12/20/17	3859.08	61.79	64.05	2.26	3796.95
MW - 1	01/08/18	3859.08	62.07	62.58	0.51	3796.93
MW - 1	01/18/18	3859.08	62.06	62.87	0.81	3796.90
MW - 1	01/25/18	3859.08	62.09	62.85	0.76	3796.88
MW - 1	02/01/18	3859.08	62.16	62.74	0.58	3796.83
MW - 1	02/14/18	3859.08	62.08	62.98	0.90	3796.87
MW - 1	03/01/18	3859.08	62.04	63.61	1.57	3796.80
MW - 1	03/08/18	3859.08	62.10	63.23	1.13	3796.81
MW - 1	03/22/18	3859.08	62.13	63.18	1.05	3796.79
MW - 1	04/05/18	3859.08	62.20	62.90	0.70	3796.78
MW - 1	04/12/18	3859.08	62.23	62.71	0.48	3796.78
MW - 1	04/26/18	3859.08	62.20	63.14	0.94	3796.74
MW - 1	04/30/18	3859.08	62.28	62.72	0.44	3796.73
MW - 1	05/03/18	3859.08	62.25	62.86	0.61	3796.74
MW - 1	05/08/18	3859.08	62.25	62.91	0.66	3796.73
MW - 1	05/10/18	3859.08	62.25	62.91	0.66	3796.73
MW - 1	05/17/18	3859.08	62.22	63.20	0.98	3796.71
MW - 1	05/24/18	3859.08	62.21	63.41	1.20	3796.69
MW - 1	06/21/18	3859.08	62.23	63.68	1.45	3796.63
MW - 1	07/05/18	3859.08	62.38	62.71	0.33	3796.65
MW - 1	07/06/18	3859.08	62.38	62.71	0.33	3796.65
MW - 1	07/12/18	3859.08	62.41	62.83	0.42	3796.61
MW - 1	07/18/18	3859.08	62.42	62.75	0.33	3796.61
MW - 1	07/26/18	3859.08	62.42	62.78	0.36	3796.61
MW - 1	08/02/18	3859.08	62.41	63.03	0.62	3796.58
MW - 1	08/16/18	3859.08	62.40	63.01	0.61	3796.59
MW - 1	08/30/18	3859.08	62.43	63.11	0.68	3796.55
MW - 1	09/13/18	3859.08	62.47	63.10	0.63	3796.52
MW - 1	09/20/18	3859.08	62.51	62.94	0.43	3796.51
MW - 1	09/24/18	3859.08	63.52	65.28	1.76	3795.30

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	10/18/18	3859.08	62.50	63.40	0.90	3796.45
MW - 1	10/25/18	3859.08	62.52	63.20	0.68	3796.46
MW - 1	11/16/18	3859.08	62.56	63.19	0.63	3796.43
MW - 1	11/20/18	3859.08	62.63	62.83	0.20	3796.42
MW - 1	11/29/18	3859.08	62.60	62.87	0.27	3796.44
MW - 1	12/06/18	3859.08	62.62	63.09	0.47	3796.39
MW - 1	12/11/18	3859.08	62.67	62.83	0.16	3796.39
MW - 1	12/18/18	3859.08	62.65	62.86	0.21	3796.40
MW - 1	12/27/18	3859.08	62.65	63.03	0.38	3796.37
MW - 1	01/04/19	3859.08	62.66	62.95	0.29	3796.38
MW - 1	01/17/19	3859.08	62.67	63.12	0.45	3796.34
MW - 1	01/30/19	3859.08	62.64	63.32	0.68	3796.34
MW - 1	02/21/19	3859.08	62.68	63.39	0.71	3796.29
MW - 1	03/12/19	3859.08	62.65	63.60	0.95	3796.29
MW - 1	04/02/19	3859.08	62.75	63.18	0.43	3796.27
MW - 1	04/04/19	3859.08	62.78	63.09	0.31	3796.25
MW - 1	04/11/19	3859.08	62.79	63.21	0.42	3796.23
MW - 1	04/24/19	3859.08	63.80	65.81	2.01	3794.98
MW - 1	04/26/19	3859.08	62.82	63.08	0.26	3796.22
MW - 1	05/29/19	3859.08	62.82	63.42	0.60	3796.17
MW - 1	08/13/19	3859.08	62.87	64.17	1.30	3796.02
MW - 1	08/28/19	3859.08	62.92	64.00	1.08	3796.00
MW - 1	10/01/19	3859.08	62.97	64.24	1.27	3795.92
MW - 1	10/07/19	3859.08	63.02	63.80	0.78	3795.94
MW - 1	10/29/19	3859.08	63.10	63.90	0.80	3795.86
MW - 1	01/30/20	3859.08	63.21	64.35	1.14	3795.70
MW - 1	02/07/20	3859.08	63.35	63.75	0.40	3795.67
MW - 1	03/18/20	3859.08	63.39	63.78	0.39	3795.63
MW - 1	05/13/20	3859.08	63.47	64.00	0.53	3795.53
MW - 1	05/19/20	3859.08	63.49	64.04	0.55	3795.51
MW - 1	06/10/20	3859.08	63.55	63.75	0.20	3795.50
MW - 1	07/16/20	3859.08	63.61	63.88	0.27	3795.43
MW - 1	08/07/20	3859.08	63.65	63.96	0.31	3795.38
MW - 1	08/21/20	3859.08	63.70	63.87	0.17	3795.35
MW - 1	08/26/20	3859.08	63.71	63.81	0.10	3795.36
MW - 1	09/03/20	3859.08	63.73	64.09	0.36	3795.30
MW - 1	10/08/20	3859.08	63.75	63.85	0.10	3795.32
MW - 1	10/20/20	3859.08	63.76	63.82	0.06	3795.31
MW - 1	11/19/20	3859.08	63.80	63.90	0.10	3795.27
MW - 1	12/18/20	3859.08	63.85	63.95	0.10	3795.22

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	12/29/20	3859.08	63.86	63.94	0.08	3795.21
MW - 1	01/20/21	3859.08	63.91	63.95	0.04	3795.16
MW - 1	01/28/21	3859.08	-	64.00	0.00	3795.08
MW - 1	03/02/21	3859.08	-	64.07	0.00	3795.01
MW - 1	03/11/21	3859.08	-	64.05	0.00	3795.03
MW - 1	03/24/21	3859.08	-	64.05	0.00	3795.03
MW - 1	06/23/21	3859.08	-	64.26	0.00	3794.82
MW - 1	07/23/21	3859.08	-	64.32	0.00	3794.76
MW - 1	08/05/21	3859.08	-	64.38	0.00	3794.70
MW - 1	08/20/21	3859.08	-	64.32	0.00	3794.76
MW - 1	09/09/21	3859.08	64.32	64.35	0.03	3794.76
MW - 1	09/17/21	3859.08	64.32	64.35	0.03	3794.76
MW - 1	10/07/21	3859.08	-	64.40	0.00	3794.68
MW - 1	10/26/21	3859.08	-	64.47	0.00	3794.61
MW - 1	12/15/21	3859.08	64.50	64.52	0.02	3794.58
MW - 1	12/29/21	3859.08	64.64	64.65	0.01	3794.44
MW - 2	03/24/00	3860.76	-	57.55	0.00	3803.21
MW - 2	06/14/00	3860.76	-	58.05	0.00	3802.71
MW - 2	09/22/00	3860.76	-	57.04	0.00	3803.72
MW - 2	12/28/00	3860.76	-	57.32	0.00	3803.44
MW - 2	03/14/01	3860.76	-	57.41	0.00	3803.35
MW - 2	06/06/01	3860.76	-	57.58	0.00	3803.18
MW - 2	09/28/01	3860.76	-	57.68	0.00	3803.08
MW - 2	11/17/01	3860.76	-	58.00	0.00	3802.76
MW - 2	03/26/02	3860.76	-	58.20	0.00	3802.56
MW - 2	06/26/02	3860.76	-	58.12	0.00	3802.64
MW - 2	09/25/02	3860.76	-	58.28	0.00	3802.48
MW - 2	12/10/02	3860.76	-	58.30	0.00	3802.46
MW - 2	03/10/03	3860.76	-	58.36	0.00	3802.40
MW - 2	06/09/03	3860.76	-	58.46	0.00	3802.30
MW - 2	09/03/03	3860.76	-	58.57	0.00	3802.19
MW - 2	12/08/03	3860.76	-	58.55	0.00	3802.21
MW - 2	03/01/04	3860.76	-	58.80	0.00	3801.96
MW - 2	05/19/04	3860.76	-	58.54	0.00	3802.22
MW - 2	08/26/04	3860.76	-	59.05	0.00	3801.71
MW - 2	12/09/04	3860.76	-	57.16	0.00	3803.60
MW - 2	03/17/05	3860.76	-	57.51	0.00	3803.25
MW - 2	06/15/05	3860.76	-	57.86	0.00	3802.90
MW - 2	09/14/05	3860.76	-	58.11	0.00	3802.65

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	12/13/05	3860.76	-	58.36	0.00	3802.40
MW - 2	03/15/06	3860.76	-	58.59	0.00	3802.17
MW - 2	06/14/06	3860.76	-	58.81	0.00	3801.95
MW - 2	09/13/06	3860.76	-	59.04	0.00	3801.72
MW - 2	12/05/06	3860.76	-	59.00	0.00	3801.76
MW - 2	03/01/07	3860.76	-	59.24	0.00	3801.52
MW - 2	05/24/07	3860.76	-	59.36	0.00	3801.40
MW - 2	08/23/07	3860.76	-	59.39	0.00	3801.37
MW - 2	11/08/07	3860.76	-	59.32	0.00	3801.44
MW - 2	03/04/08	3860.76	-	59.61	0.00	3801.15
MW - 2	06/11/08	3860.76	-	59.71	0.00	3801.05
MW - 2	09/09/08	3860.76	-	59.03	0.00	3801.73
MW - 2	12/11/08	3860.76	-	59.76	0.00	3801.00
MW - 2	02/27/09	3860.76	-	60.11	0.00	3800.65
MW - 2	05/21/09	3860.76	-	60.11	0.00	3800.65
MW - 2	08/18/09	3860.76	-	60.02	0.00	3800.74
MW - 2	12/09/09	3860.76	-	59.96	0.00	3800.80
MW - 2	01/06/10	3860.76	-	59.94	0.00	3800.82
MW - 2	02/22/10	3860.76	-	60.04	0.00	3800.72
MW - 2	06/04/10	3860.76	-	60.34	0.00	3800.42
MW - 2	08/26/10	3860.76	-	60.34	0.00	3800.42
MW - 2	11/30/10	3860.76	-	59.97	0.00	3800.79
MW - 2	03/08/11	3860.76	-	59.96	0.00	3800.80
MW - 2	05/26/11	3860.76	-	59.95	0.00	3800.81
MW - 2	08/18/11	3860.76	-	60.32	0.00	3800.44
MW - 2	11/15/11	3860.76	-	60.38	0.00	3800.38
MW - 2	02/29/12	3860.76	-	60.58	0.00	3800.18
MW - 2	05/01/12	3860.76	-	60.62	0.00	3800.14
MW - 2	08/10/12	3860.76	-	60.98	0.00	3799.78
MW - 2	11/28/12	3860.76	-	60.91	0.00	3799.85
MW - 2	02/21/13	3860.76	-	60.99	0.00	3799.77
MW - 2	05/15/13	3860.76	-	61.07	0.00	3799.69
MW - 2	08/20/13	3860.76	-	61.16	0.00	3799.60
MW - 2	11/11/13	3860.76	-	61.24	0.00	3799.52
MW - 2	02/19/14	3860.76	-	61.32	0.00	3799.44
MW - 2	05/20/14	3860.76	-	61.40	0.00	3799.36
MW - 2	07/29/14	3860.76	-	61.68	0.00	3799.08
MW - 2	08/19/14	3860.76	-	61.64	0.00	3799.12
MW - 2	10/30/14	3860.76	-	61.59	0.00	3799.17
MW - 2	11/24/14	3860.76	-	61.64	0.00	3799.12

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	02/10/15	3860.76	-	61.55	0.00	3799.21
MW - 2	03/11/15	3860.76	-	61.59	0.00	3799.17
MW - 2	04/17/15	3860.76	-	61.92	0.00	3798.84
MW - 2	05/19/15	3860.76	-	61.62	0.00	3799.14
MW - 2	07/31/15	3860.76	-	61.73	0.00	3799.03
MW - 2	08/12/15	3860.76	-	61.75	0.00	3799.01
MW - 2	09/11/15	3860.76	-	61.79	0.00	3798.97
MW - 2	11/10/15	3860.76	-	61.82	0.00	3798.94
MW - 2	02/02/16	3860.76	-	61.92	0.00	3798.84
MW - 2	04/28/16	3860.76	-	62.20	0.00	3798.56
MW - 2	05/10/16	3860.76	-	62.00	0.00	3798.76
MW - 2	07/01/16	3860.76	-	62.07	0.00	3798.69
MW - 2	07/29/16	3860.76	-	62.10	0.00	3798.66
MW - 2	08/08/16	3860.76	-	62.09	0.00	3798.67
MW - 2	09/15/16	3860.76	-	62.29	0.00	3798.47
MW - 2	11/15/16	3860.76	-	62.38	0.00	3798.38
MW - 2	12/14/16	3860.76	-	62.44	0.00	3798.32
MW - 2	01/20/17	3860.76	-	62.49	0.00	3798.27
MW - 2	02/21/17	3860.76	-	62.50	0.00	3798.26
MW - 2	05/16/17	3860.76	-	62.65	0.00	3798.11
MW - 2	06/09/17	3860.76	-	62.70	0.00	3798.06
MW - 2	07/26/17	3860.76	-	61.69	0.00	3799.07
MW - 2	08/22/17	3860.76	-	62.82	0.00	3797.94
MW - 2	10/10/17	3860.76	-	62.93	0.00	3797.83
MW - 2	11/27/17	3860.76	-	62.97	0.00	3797.79
MW - 2	01/08/18	3860.76	-	63.05	0.00	3797.71
MW - 2	02/13/18	3860.76	-	63.09	0.00	3797.67
MW - 2	04/30/18	3860.76	-	63.26	0.00	3797.50
MW - 2	05/16/18	3860.76	-	63.24	0.00	3797.52
MW - 2	07/05/18	3860.76	-	63.36	0.00	3797.40
MW - 2	07/26/18	3860.76	-	63.41	0.00	3797.35
MW - 2	08/15/18	3860.76	-	63.41	0.00	3797.35
MW - 2	11/27/18	3860.76	-	63.36	0.00	3797.40
MW - 2	12/27/18	3860.76	-	63.43	0.00	3797.33
MW - 2	01/17/19	3860.76	-	63.47	0.00	3797.29
MW - 2	02/20/19	3860.76	-	63.51	0.00	3797.25
MW - 2	04/04/19	3860.76	-	63.59	0.00	3797.17
MW - 2	05/29/19	3860.76	-	63.65	0.00	3797.11
MW - 2	08/27/19	3860.76	-	64.20	0.00	3796.56
MW - 2	10/29/19	3860.76	-	63.90	0.00	3796.86

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	03/17/20	3860.76	-	64.18	0.00	3796.58
MW - 2	05/13/20	3860.76	64.26	64.38	0.12	3796.48
MW - 2	05/19/20	3860.76	64.26	64.41	0.15	3796.48
MW - 2	06/09/20	3860.76	64.33	64.45	0.12	3796.41
MW - 2	07/16/20	3860.76	64.36	64.58	0.22	3796.37
MW - 2	08/07/20	3860.76	64.38	64.64	0.26	3796.34
MW - 2	08/21/20	3860.76	64.42	64.59	0.17	3796.31
MW - 2	08/26/20	3860.76	64.46	64.56	0.10	3796.29
MW - 2	09/03/20	3860.76	64.47	64.57	0.10	3796.28
MW - 2	10/08/20	3860.76	64.47	64.64	0.17	3796.26
MW - 2	10/20/20	3860.76	64.49	64.58	0.09	3796.26
MW - 2	11/19/20	3860.76	64.52	64.65	0.13	3796.22
MW - 2	12/18/20	3860.76	64.57	64.68	0.11	3796.17
MW - 2	01/20/21	3860.76	64.63	64.66	0.03	3796.13
MW - 2	01/28/21	3860.76	-	65.04	0.00	3795.72
MW - 2	01/28/21	3860.76	-	65.11	0.00	3795.65
MW - 2	03/11/21	3860.76	-	64.79	0.00	3795.97
MW - 2	03/24/21	3860.76	-	64.80	0.00	3795.96
MW - 2	06/23/21	3860.76	65.01	65.05	0.04	3795.74
MW - 2	07/23/21	3860.76	65.06	65.16	0.10	3795.69
MW - 2	08/05/21	3860.76	65.10	65.22	0.12	3795.64
MW - 2	08/20/21	3860.76	64.95	65.03	0.08	3795.80
MW - 2	09/09/21	3860.76	64.99	65.06	0.07	3795.76
MW - 2	09/17/21	3860.76	64.99	65.05	0.06	3795.76
MW - 2	10/07/21	3860.76	65.04	65.09	0.05	3795.71
MW - 2	10/26/21	3860.76	65.05	65.10	0.05	3795.70
MW - 2	11/23/21	3860.76	65.09	65.20	0.11	3795.65
MW - 2	12/15/21	3860.76	65.09	65.15	0.06	3795.66
MW - 2	12/29/21	3860.76	65.11	65.20	0.09	3795.64
MW - 2	12/29/21	3860.76	64.58	64.70	0.12	3796.16
MW - 3	03/24/00	3861.15	-	57.98	0.00	3803.17
MW - 3	06/14/00	3861.15	-	58.50	0.00	3802.65
MW - 3	09/22/00	3861.15	-	57.48	0.00	3803.67
MW - 3	12/28/00	3861.15	-	57.74	0.00	3803.41
MW - 3	03/14/01	3861.15	-	57.85	0.00	3803.30
MW - 3	06/06/01	3861.15	-	58.00	0.00	3803.15
MW - 3	09/28/01	3861.15	-	58.13	0.00	3803.02
MW - 3	11/17/01	3861.15	-	58.46	0.00	3802.69
MW - 3	03/26/02	3861.15	-	58.65	0.00	3802.50

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	06/26/02	3861.15	-	58.55	0.00	3802.60
MW - 3	09/25/02	3861.15	-	58.71	0.00	3802.44
MW - 3	12/10/02	3861.15	-	58.75	0.00	3802.40
MW - 3	03/10/03	3861.15	-	58.81	0.00	3802.34
MW - 3	06/09/03	3861.15	-	58.91	0.00	3802.24
MW - 3	09/03/03	3861.15	-	59.01	0.00	3802.14
MW - 3	12/08/03	3861.15	-	59.10	0.00	3802.05
MW - 3	03/01/04	3861.15	-	59.25	0.00	3801.90
MW - 3	05/19/04	3861.15	-	59.00	0.00	3802.15
MW - 3	08/26/04	3861.15	-	57.29	0.00	3803.86
MW - 3	12/09/04	3861.15	-	57.63	0.00	3803.52
MW - 3	03/17/05	3861.15	-	57.97	0.00	3803.18
MW - 3	06/15/05	3861.15	-	58.31	0.00	3802.84
MW - 3	09/14/05	3861.15	-	58.56	0.00	3802.59
MW - 3	12/13/05	3861.15	-	58.80	0.00	3802.35
MW - 3	03/15/06	3861.15	-	59.04	0.00	3802.11
MW - 3	06/14/06	3861.15	-	59.24	0.00	3801.91
MW - 3	09/13/06	3861.15	-	59.37	0.00	3801.78
MW - 3	12/05/06	3861.15	-	59.42	0.00	3801.73
MW - 3	03/01/07	3861.15	-	59.52	0.00	3801.63
MW - 3	05/24/07	3861.15	-	59.63	0.00	3801.52
MW - 3	08/24/07	3861.15	-	59.68	0.00	3801.47
MW - 3	11/08/07	3861.15	-	59.76	0.00	3801.39
MW - 3	03/04/08	3861.15	-	59.86	0.00	3801.29
MW - 3	06/11/08	3861.15	-	59.93	0.00	3801.22
MW - 3	09/09/08	3861.15	-	60.06	0.00	3801.09
MW - 3	12/11/08	3861.15	-	61.13	0.00	3800.02
MW - 3	02/27/09	3861.15	-	60.24	0.00	3800.91
MW - 3	05/21/09	3861.15	-	60.32	0.00	3800.83
MW - 3	08/18/09	3861.15	-	60.23	0.00	3800.92
MW - 3	12/09/09	3861.15	-	60.38	0.00	3800.77
MW - 3	01/06/10	3861.15	-	60.39	0.00	3800.76
MW - 3	02/22/10	3861.15	-	60.44	0.00	3800.71
MW - 3	06/04/10	3861.15	-	60.56	0.00	3800.59
MW - 3	08/26/10	3861.15	-	60.58	0.00	3800.57
MW - 3	11/30/10	3861.15	-	60.40	0.00	3800.75
MW - 3	03/08/11	3861.15	-	60.39	0.00	3800.76
MW - 3	05/26/11	3861.15	-	60.38	0.00	3800.77
MW - 3	07/06/11	3861.15	-	60.71	0.00	3800.44
MW - 3	07/13/11	3861.15	-	60.72	0.00	3800.43

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	07/19/11	3861.15	-	60.68	0.00	3800.47
MW - 3	07/26/11	3861.15	-	60.67	0.00	3800.48
MW - 3	08/12/11	3861.15	-	60.72	0.00	3800.43
MW - 3	08/16/11	3861.15	-	60.75	0.00	3800.40
MW - 3	08/18/11	3861.15	-	60.75	0.00	3800.40
MW - 3	08/23/11	3861.15	-	60.73	0.00	3800.42
MW - 3	11/15/11	3861.15	-	60.81	0.00	3800.34
MW - 3	02/29/12	3861.15	-	61.00	0.00	3800.15
MW - 3	05/01/12	3861.15	-	61.05	0.00	3800.10
MW - 3	08/10/12	3861.15	-	61.41	0.00	3799.74
MW - 3	11/28/12	3861.15	-	61.33	0.00	3799.82
MW - 3	02/21/13	3861.15	-	61.42	0.00	3799.73
MW - 3	05/15/13	3861.15	-	61.50	0.00	3799.65
MW - 3	08/20/13	3861.15	-	61.58	0.00	3799.57
MW - 3	11/11/13	3861.15	-	61.69	0.00	3799.46
MW - 3	02/19/14	3861.15	-	61.75	0.00	3799.40
MW - 3	05/20/14	3861.15	-	61.83	0.00	3799.32
MW - 3	07/29/14	3861.15	-	61.90	0.00	3799.25
MW - 3	08/19/14	3861.15	-	61.89	0.00	3799.26
MW - 3	10/30/14	3861.15	-	61.86	0.00	3799.29
MW - 3	11/24/14	3861.15	-	61.89	0.00	3799.26
MW - 3	02/10/15	3861.15	-	61.96	0.00	3799.19
MW - 3	03/11/15	3861.15	-	62.01	0.00	3799.14
MW - 3	04/17/15	3861.15	-	62.03	0.00	3799.12
MW - 3	05/19/15	3861.15	-	62.03	0.00	3799.12
MW - 3	07/31/15	3861.15	-	62.14	0.00	3799.01
MW - 3	08/12/15	3861.15	-	62.15	0.00	3799.00
MW - 3	09/11/15	3861.15	-	62.20	0.00	3798.95
MW - 3	11/10/15	3861.15	-	62.22	0.00	3798.93
MW - 3	02/02/16	3861.15	-	62.32	0.00	3798.83
MW - 3	04/28/16	3861.15	-	62.39	0.00	3798.76
MW - 3	05/10/16	3861.15	-	62.40	0.00	3798.75
MW - 3	07/01/16	3861.15	-	62.48	0.00	3798.67
MW - 3	07/29/16	3861.15	-	62.50	0.00	3798.65
MW - 3	08/08/16	3861.15	-	62.48	0.00	3798.67
MW - 3	09/15/16	3861.15	-	62.53	0.00	3798.62
MW - 3	11/15/16	3861.15	-	62.63	0.00	3798.52
MW - 3	12/14/16	3861.15	-	62.68	0.00	3798.47
MW - 3	01/20/17	3861.15	-	62.73	0.00	3798.42
MW - 3	02/21/17	3861.15	-	62.74	0.00	3798.41

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	05/16/17	3861.15	-	62.87	0.00	3798.28
MW - 3	06/09/17	3861.15	-	62.67	0.00	3798.48
MW - 3	07/26/17	3861.15	-	62.65	0.00	3798.50
MW - 3	08/22/17	3861.15	-	63.05	0.00	3798.10
MW - 3	10/10/17	3861.15	-	63.19	0.00	3797.96
MW - 3	11/28/17	3861.15	-	63.20	0.00	3797.95
MW - 3	01/08/18	3861.15	-	63.30	0.00	3797.85
MW - 3	02/13/18	3861.15	-	63.34	0.00	3797.81
MW - 3	04/30/18	3861.15	-	63.49	0.00	3797.66
MW - 3	05/16/18	3861.15	-	63.49	0.00	3797.66
MW - 3	07/05/18	3861.15	-	63.60	0.00	3797.55
MW - 3	07/26/18	3861.15	-	63.47	0.00	3797.68
MW - 3	08/15/18	3861.15	-	63.66	0.00	3797.49
MW - 3	11/27/18	3861.15	-	63.78	0.00	3797.37
MW - 3	12/27/18	3861.15	-	63.85	0.00	3797.30
MW - 3	01/17/19	3861.15	-	63.89	0.00	3797.26
MW - 3	02/20/19	3861.15	-	63.92	0.00	3797.23
MW - 3	04/04/19	3861.15	-	64.00	0.00	3797.15
MW - 3	05/29/19	3861.15	-	64.08	0.00	3797.07
MW - 3	08/27/19	3861.15	-	63.79	0.00	3797.36
MW - 3	10/21/19	3861.15	-	62.49	0.00	3798.66
MW - 3	10/29/19	3861.15	-	64.30	0.00	3796.85
MW - 3	03/17/20	3861.15	-	64.59	0.00	3796.56
MW - 3	05/13/20	3861.15	-	64.68	0.00	3796.47
MW - 3	06/09/20	3861.15	-	64.73	0.00	3796.42
MW - 3	07/16/20	3861.15	-	64.48	0.00	3796.67
MW - 3	08/25/20	3861.15	-	64.83	0.00	3796.32
MW - 3	12/17/20	3861.15	-	64.98	0.00	3796.17
MW - 3	01/28/21	3861.15	-	65.03	0.00	3796.12
MW - 3	03/22/21	3861.15	-	65.10	0.00	3796.05
MW - 3	06/21/21	3861.15	-	65.21	0.00	3795.94
MW - 3	07/22/21	3861.15	-	65.30	0.00	3795.85
MW - 3	09/09/21	3861.15	-	65.32	0.00	3795.83
MW - 3	10/26/21	3861.15	-	65.40	0.00	3795.75
MW - 3	12/15/21	3861.15	-	65.45	0.00	3795.70
MW - 4	03/24/00	3859.62	-	57.03	0.00	3802.59
MW - 4	06/14/00	3859.62	-	57.57	0.00	3802.05
MW - 4	09/22/00	3859.62	-	56.64	0.00	3802.98
MW - 4	12/28/00	3859.62	-	56.86	0.00	3802.76

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	03/14/01	3859.62	-	56.96	0.00	3802.66
MW - 4	06/06/01	3859.62	-	57.12	0.00	3802.50
MW - 4	09/28/01	3859.62	-	57.23	0.00	3802.39
MW - 4	11/17/01	3859.62	-	58.04	0.00	3801.58
MW - 4	03/26/02	3859.62	-	57.69	0.00	3801.93
MW - 4	06/26/02	3859.62	-	57.60	0.00	3802.02
MW - 4	09/25/02	3859.62	-	57.77	0.00	3801.85
MW - 4	12/10/02	3859.62	-	57.79	0.00	3801.83
MW - 4	03/10/03	3859.62	-	57.87	0.00	3801.75
MW - 4	06/09/03	3859.62	-	58.00	0.00	3801.62
MW - 4	09/03/03	3859.62	-	58.06	0.00	3801.56
MW - 4	12/08/03	3859.62	-	58.16	0.00	3801.46
MW - 4	03/01/04	3859.62	-	58.29	0.00	3801.33
MW - 4	05/19/04	3859.62	-	58.13	0.00	3801.49
MW - 4	08/26/04	3859.62	-	58.38	0.00	3801.24
MW - 4	12/09/04	3859.62	-	56.91	0.00	3802.71
MW - 4	03/17/05	3859.62	-	57.09	0.00	3802.53
MW - 4	06/15/05	3859.62	-	57.36	0.00	3802.26
MW - 4	09/14/05	3859.62	-	57.64	0.00	3801.98
MW - 4	12/13/05	3859.62	-	57.89	0.00	3801.73
MW - 4	03/15/06	3859.62	-	58.12	0.00	3801.50
MW - 4	06/14/06	3859.62	-	58.28	0.00	3801.34
MW - 4	09/13/06	3859.62	-	58.56	0.00	3801.06
MW - 4	12/06/06	3859.62	-	58.52	0.00	3801.10
MW - 4	03/01/07	3859.62	-	58.58	0.00	3801.04
MW - 4	05/24/07	3859.62	-	58.65	0.00	3800.97
MW - 4	08/23/07	3859.62	-	59.75	0.00	3799.87
MW - 4	11/08/07	3859.62	-	58.79	0.00	3800.83
MW - 4	03/04/08	3859.62	58.69	60.21	1.52	3800.70
MW - 4	03/13/08	3859.62	58.69	60.33	1.64	3800.68
MW - 4	03/20/08	3859.62	59.82	60.53	0.71	3799.69
MW - 4	03/23/08	3859.62	58.97	59.02	0.05	3800.64
MW - 4	04/09/08	3859.62	58.84	59.76	0.92	3800.64
MW - 4	04/18/08	3859.62	58.86	59.61	0.75	3800.65
MW - 4	04/25/08	3859.62	58.91	59.67	0.76	3800.60
MW - 4	04/30/08	3859.62	58.91	59.19	0.28	3800.67
MW - 4	05/16/08	3859.62	58.86	59.75	0.89	3800.63
MW - 4	06/03/08	3859.62	58.94	59.55	0.61	3800.59
MW - 4	06/11/08	3859.62	58.94	59.60	0.66	3800.58
MW - 4	06/11/08	3859.62	58.90	59.52	0.62	3800.63

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	06/18/08	3859.62	58.94	59.54	0.60	3800.59
MW - 4	06/25/08	3859.62	58.94	59.55	0.61	3800.59
MW - 4	07/01/08	3859.62	58.96	59.55	0.59	3800.57
MW - 4	07/09/08	3859.62	58.94	59.65	0.71	3800.57
MW - 4	07/15/08	3859.62	58.96	59.61	0.65	3800.56
MW - 4	07/23/08	3859.62	58.94	59.72	0.78	3800.56
MW - 4	08/13/08	3859.62	58.90	60.36	1.46	3800.50
MW - 4	09/09/08	3859.62	58.88	60.44	1.56	3800.51
MW - 4	09/11/08	3859.62	58.84	60.52	1.68	3800.53
MW - 4	09/11/08	3859.62	58.84	60.52	1.68	3800.53
MW - 4	09/22/08	3859.62	58.87	60.48	1.61	3800.51
MW - 4	10/01/08	3859.62	58.93	60.23	1.30	3800.50
MW - 4	10/09/08	3859.62	58.96	59.97	1.01	3800.51
MW - 4	10/16/08	3859.62	59.03	59.93	0.90	3800.46
MW - 4	10/23/08	3859.62	59.01	59.91	0.90	3800.48
MW - 4	10/30/08	3859.62	59.03	60.04	1.01	3800.44
MW - 4	11/04/08	3859.62	59.00	59.93	0.93	3800.48
MW - 4	11/25/08	3859.62	58.92	60.74	1.82	3800.43
MW - 4	11/25/08	3859.62	59.41	59.51	0.10	3800.20
MW - 4	12/11/08	3859.62	58.94	60.64	1.70	3800.43
MW - 4	01/02/09	3859.62	58.92	61.72	2.80	3800.28
MW - 4	01/08/09	3859.62	59.07	60.41	1.34	3800.35
MW - 4	01/14/09	3859.62	59.10	60.09	0.99	3800.37
MW - 4	02/12/09	3859.62	59.23	61.21	1.98	3800.09
MW - 4	02/19/09	3859.62	59.95	61.33	1.38	3799.46
MW - 4	02/26/09	3859.62	59.15	61.15	2.00	3800.17
MW - 4	03/04/09	3859.62	60.00	61.38	1.38	3799.41
MW - 4	03/16/09	3859.62	59.98	61.29	1.31	3799.44
MW - 4	03/19/09	3859.62	58.93	61.52	2.59	3800.30
MW - 4	03/24/09	3859.62	58.94	61.61	2.67	3800.28
MW - 4	04/08/09	3859.62	59.99	61.30	1.31	3799.43
MW - 4	04/15/09	3859.62	58.96	61.39	2.43	3800.30
MW - 4	04/17/09	3859.62	59.97	61.26	1.29	3799.46
MW - 4	04/21/09	3859.62	59.95	61.23	1.28	3799.48
MW - 4	04/29/09	3859.62	59.00	61.30	2.30	3800.28
MW - 4	05/06/09	3859.62	59.48	61.38	1.90	3799.86
MW - 4	05/20/09	3859.62	59.07	61.17	2.10	3800.24
MW - 4	05/22/09	3859.62	59.23	60.28	1.05	3800.23
MW - 4	05/27/09	3859.62	59.07	61.02	1.95	3800.26
MW - 4	06/01/09	3859.62	59.16	60.59	1.43	3800.25

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	06/09/09	3859.62	59.36	60.89	1.53	3800.03
MW - 4	06/17/09	3859.62	59.03	61.12	2.09	3800.28
MW - 4	06/23/09	3859.62	59.94	61.26	1.32	3799.48
MW - 4	06/30/09	3859.62	59.06	61.06	2.00	3800.26
MW - 4	07/10/09	3859.62	59.26	61.11	1.85	3800.08
MW - 4	07/13/09	3859.62	59.15	60.26	1.11	3800.30
MW - 4	07/17/09	3859.62	59.27	61.10	1.83	3800.08
MW - 4	07/24/09	3859.62	59.05	60.90	1.85	3800.29
MW - 4	07/28/09	3859.62	59.13	60.32	1.19	3800.31
MW - 4	08/04/09	3859.62	59.03	60.90	1.87	3800.31
MW - 4	08/12/09	3859.62	59.02	60.90	1.88	3800.32
MW - 4	08/18/09	3859.62	59.20	61.45	2.25	3800.08
MW - 4	08/20/09	3859.62	59.00	61.28	2.28	3800.28
MW - 4	08/26/09	3859.62	59.05	61.00	1.95	3800.28
MW - 4	09/02/09	3859.62	59.02	61.10	2.08	3800.29
MW - 4	09/09/09	3859.62	59.10	60.75	1.65	3800.27
MW - 4	09/14/09	3859.62	59.13	60.51	1.38	3800.28
MW - 4	09/21/09	3859.62	59.12	60.69	1.57	3800.26
MW - 4	10/01/09	3859.62	59.10	60.97	1.87	3800.24
MW - 4	10/08/09	3859.62	59.39	60.05	0.66	3800.13
MW - 4	10/14/09	3859.62	59.14	60.66	1.52	3800.25
MW - 4	10/21/09	3859.62	59.08	61.45	2.37	3800.18
MW - 4	10/28/09	3859.62	59.12	61.08	1.96	3800.21
MW - 4	10/29/09	3859.62	59.29	60.35	1.06	3800.17
MW - 4	11/04/09	3859.62	59.31	60.25	0.94	3800.17
MW - 4	11/11/09	3859.62	59.19	60.75	1.56	3800.20
MW - 4	11/18/09	3859.62	59.19	60.76	1.57	3800.19
MW - 4	12/02/09	3859.62	59.13	61.25	2.12	3800.17
MW - 4	12/10/09	3859.62	59.24	61.07	1.83	3800.11
MW - 4	12/18/09	3859.62	59.20	61.14	1.94	3800.13
MW - 4	12/23/09	3859.62	59.30	60.55	1.25	3800.13
MW - 4	12/30/09	3859.62	59.34	60.81	1.47	3800.06
MW - 4	01/06/10	3859.62	59.28	60.82	1.54	3800.11
MW - 4	01/19/10	3859.62	59.26	60.82	1.56	3800.13
MW - 4	02/02/10	3859.62	59.21	61.70	2.49	3800.04
MW - 4	02/19/10	3859.62	59.25	61.84	2.59	3799.98
MW - 4	02/22/10	3859.62	59.40	61.71	2.31	3799.87
MW - 4	03/02/10	3859.62	59.25	61.89	2.64	3799.97
MW - 4	03/09/10	3859.62	59.39	61.16	1.77	3799.96
MW - 4	03/11/10	3859.62	59.41	61.09	1.68	3799.96

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	03/16/10	3859.62	59.25	61.64	2.39	3800.01
MW - 4	03/18/10	3859.62	59.28	61.12	1.84	3800.06
MW - 4	03/24/10	3859.62	59.42	61.06	1.64	3799.95
MW - 4	03/31/10	3859.62	59.40	61.05	1.65	3799.97
MW - 4	04/08/10	3859.62	59.24	61.05	1.81	3800.11
MW - 4	04/15/10	3859.62	59.25	61.06	1.81	3800.10
MW - 4	04/28/10	3859.62	59.20	61.80	2.60	3800.03
MW - 4	05/06/10	3859.62	59.24	61.82	2.58	3799.99
MW - 4	05/13/10	3859.62	59.28	61.77	2.49	3799.97
MW - 4	05/19/10	3859.62	59.30	61.75	2.45	3799.95
MW - 4	05/27/10	3859.62	59.18	62.26	3.08	3799.98
MW - 4	06/04/10	3859.62	59.27	61.71	2.44	3799.98
MW - 4	07/02/10	3859.62	59.21	62.17	2.96	3799.97
MW - 4	07/09/10	3859.62	59.17	61.50	2.33	3800.10
MW - 4	07/14/10	3859.62	58.90	60.44	1.54	3800.49
MW - 4	07/22/10	3859.62	58.79	60.47	1.68	3800.58
MW - 4	07/29/10	3859.62	58.79	60.75	1.96	3800.54
MW - 4	08/05/10	3859.62	58.75	61.10	2.35	3800.52
MW - 4	08/12/10	3859.62	58.79	60.76	1.97	3800.53
MW - 4	08/18/10	3859.62	58.85	60.73	1.88	3800.49
MW - 4	08/26/10	3859.62	58.87	60.51	1.64	3800.50
MW - 4	09/02/10	3859.62	58.89	60.98	2.09	3800.42
MW - 4	09/08/10	3859.62	58.86	60.52	1.66	3800.51
MW - 4	09/30/10	3859.62	58.96	61.63	2.67	3800.26
MW - 4	10/07/10	3859.62	58.95	61.39	2.44	3800.30
MW - 4	10/14/10	3859.62	58.96	61.37	2.41	3800.30
MW - 4	10/21/10	3859.62	58.97	61.37	2.40	3800.29
MW - 4	11/04/10	3859.62	59.26	61.42	2.16	3800.04
MW - 4	11/11/10	3859.62	58.98	62.23	3.25	3800.15
MW - 4	11/30/10	3859.62	58.96	61.38	2.42	3800.30
MW - 4	12/08/10	3859.62	58.95	60.51	1.56	3800.44
MW - 4	12/16/10	3859.62	58.91	60.72	1.81	3800.44
MW - 4	12/22/10	3859.62	58.74	60.91	2.17	3800.55
MW - 4	01/13/11	3859.62	58.94	61.48	2.54	3800.30
MW - 4	01/27/11	3859.62	58.95	61.41	2.46	3800.30
MW - 4	03/08/11	3859.62	58.90	61.43	2.53	3800.34
MW - 4	04/28/11	3859.62	59.10	63.02	3.92	3799.93
MW - 4	05/11/11	3859.62	59.13	63.15	4.02	3799.89
MW - 4	05/18/11	3859.62	59.10	63.15	4.05	3799.91
MW - 4	05/23/11	3859.62	59.01	62.81	3.80	3800.04

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	05/26/11	3859.62	59.01	62.80	3.79	3800.04
MW - 4	06/02/11	3859.62	59.15	62.97	3.82	3799.90
MW - 4	06/08/11	3859.62	59.37	61.96	2.59	3799.86
MW - 4	06/16/11	3859.62	59.23	62.20	2.97	3799.94
MW - 4	06/22/11	3859.62	59.26	62.03	2.77	3799.94
MW - 4	06/30/11	3859.62	59.25	62.75	3.50	3799.85
MW - 4	07/06/11	3859.62	59.30	62.18	2.88	3799.89
MW - 4	07/13/11	3859.62	59.35	62.40	3.05	3799.81
MW - 4	07/19/11	3859.62	59.37	62.16	2.79	3799.83
MW - 4	07/26/11	3859.62	59.33	62.55	3.22	3799.81
MW - 4	08/12/11	3859.62	59.35	62.60	3.25	3799.78
MW - 4	08/16/11	3859.62	59.45	61.95	2.50	3799.80
MW - 4	08/19/11	3859.62	59.45	61.65	2.20	3799.84
MW - 4	08/23/11	3859.62	59.40	62.20	2.80	3799.80
MW - 4	09/06/11	3859.62	59.38	60.99	1.61	3800.00
MW - 4	09/13/11	3859.62	59.42	62.48	3.06	3799.74
MW - 4	10/13/11	3859.62	59.56	61.55	1.99	3799.76
MW - 4	11/15/11	3859.62	59.60	61.85	2.25	3799.68
MW - 4	11/30/11	3859.62	59.55	62.07	2.52	3799.69
MW - 4	01/24/12	3859.62	59.51	62.83	3.32	3799.61
MW - 4	01/31/12	3859.62	59.68	61.92	2.24	3799.60
MW - 4	02/08/12	3859.62	59.65	61.67	2.02	3799.67
MW - 4	02/29/12	3859.62	59.76	61.88	2.12	3799.54
MW - 4	03/09/12	3859.62	59.89	61.47	1.58	3799.49
MW - 4	03/16/12	3859.62	59.85	61.53	1.68	3799.52
MW - 4	03/21/12	3859.62	59.92	61.11	1.19	3799.52
MW - 4	03/28/12	3859.62	59.98	61.10	1.12	3799.47
MW - 4	04/04/12	3859.62	59.99	60.97	0.98	3799.48
MW - 4	04/11/12	3859.62	60.01	60.86	0.85	3799.48
MW - 4	04/18/12	3859.62	60.03	60.79	0.76	3799.48
MW - 4	04/25/12	3859.62	60.04	60.72	0.68	3799.48
MW - 4	05/01/12	3859.62	60.08	60.75	0.67	3799.44
MW - 4	05/09/12	3859.62	60.04	60.72	0.68	3799.48
MW - 4	06/07/12	3859.62	60.06	60.94	0.88	3799.43
MW - 4	06/20/12	3859.62	60.26	61.25	0.99	3799.21
MW - 4	06/27/12	3859.62	60.09	60.99	0.90	3799.40
MW - 4	07/11/12	3859.62	60.19	61.17	0.98	3799.28
MW - 4	08/10/12	3859.62	60.43	61.11	0.68	3799.09
MW - 4	09/06/12	3859.62	60.15	61.24	1.09	3799.31
MW - 4	10/04/12	3859.62	60.30	61.07	0.77	3799.20

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	10/12/12	3859.62	60.29	61.00	0.71	3799.22
MW - 4	10/18/12	3859.62	60.30	61.00	0.70	3799.22
MW - 4	10/25/12	3859.62	60.31	60.81	0.50	3799.24
MW - 4	10/31/12	3859.62	60.29	60.91	0.62	3799.24
MW - 4	11/15/12	3859.62	60.38	60.54	0.16	3799.22
MW - 4	11/27/12	3859.62	60.40	60.57	0.17	3799.19
MW - 4	12/19/12	3859.62	60.42	60.62	0.20	3799.17
MW - 4	01/17/13	3859.62	60.44	60.70	0.26	3799.14
MW - 4	01/31/13	3859.62	60.44	60.70	0.26	3799.14
MW - 4	02/21/13	3859.62	60.47	60.77	0.30	3799.11
MW - 4	03/05/13	3859.62	60.51	60.84	0.33	3799.06
MW - 4	03/21/13	3859.62	60.48	60.74	0.26	3799.10
MW - 4	04/04/13	3859.62	60.52	60.78	0.26	3799.06
MW - 4	04/11/13	3859.62	60.52	60.80	0.28	3799.06
MW - 4	04/18/13	3859.62	60.56	60.78	0.22	3799.03
MW - 4	04/25/13	3859.62	60.55	60.77	0.22	3799.04
MW - 4	05/01/13	3859.62	60.57	60.77	0.20	3799.02
MW - 4	05/10/13	3859.62	60.56	60.68	0.12	3799.04
MW - 4	05/15/13	3859.62	60.55	60.68	0.13	3799.05
MW - 4	05/24/13	3859.62	60.59	60.73	0.14	3799.01
MW - 4	05/30/13	3859.62	60.61	60.72	0.11	3798.99
MW - 4	06/06/13	3859.62	60.61	60.71	0.10	3799.00
MW - 4	06/14/13	3859.62	60.63	60.73	0.10	3798.98
MW - 4	06/20/13	3859.62	60.64	60.75	0.11	3798.96
MW - 4	06/27/13	3859.62	60.61	60.75	0.14	3798.99
MW - 4	07/03/13	3859.62	60.64	60.71	0.07	3798.97
MW - 4	07/10/13	3859.62	60.64	60.79	0.15	3798.96
MW - 4	07/25/13	3859.62	60.63	60.80	0.17	3798.96
MW - 4	07/31/13	3859.62	60.63	60.80	0.17	3798.96
MW - 4	08/20/13	3859.62	60.65	60.84	0.19	3798.94
MW - 4	08/29/13	3859.62	60.64	60.84	0.20	3798.95
MW - 4	09/09/13	3859.62	60.68	60.91	0.23	3798.91
MW - 4	09/18/13	3859.62	60.70	60.91	0.21	3798.89
MW - 4	09/27/13	3859.62	60.70	60.88	0.18	3798.89
MW - 4	10/02/13	3859.62	60.73	60.91	0.18	3798.86
MW - 4	10/08/13	3859.62	60.68	60.83	0.15	3798.92
MW - 4	10/16/13	3859.62	60.72	60.84	0.12	3798.88
MW - 4	10/24/13	3859.62	60.70	60.86	0.16	3798.90
MW - 4	10/31/13	3859.62	60.69	60.82	0.13	3798.91
MW - 4	11/11/13	3859.62	60.71	60.84	0.13	3798.89

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	12/11/13	3859.62	60.78	60.97	0.19	3798.81
MW - 4	12/17/13	3859.62	60.77	60.99	0.22	3798.82
MW - 4	01/03/14	3859.62	60.82	60.98	0.16	3798.78
MW - 4	01/09/14	3859.62	60.80	60.94	0.14	3798.80
MW - 4	01/15/14	3859.62	60.80	60.95	0.15	3798.80
MW - 4	01/22/14	3859.62	60.80	60.98	0.18	3798.79
MW - 4	01/29/14	3859.62	60.80	60.98	0.18	3798.79
MW - 4	02/20/14	3859.62	60.79	61.09	0.30	3798.79
MW - 4	03/04/14	3859.62	60.80	61.07	0.27	3798.78
MW - 4	03/11/14	3859.62	60.85	61.12	0.27	3798.73
MW - 4	03/18/14	3859.62	60.86	61.11	0.25	3798.72
MW - 4	03/29/14	3859.62	60.85	61.16	0.31	3798.72
MW - 4	04/01/14	3859.62	60.88	61.02	0.14	3798.72
MW - 4	04/08/14	3859.62	60.88	60.97	0.09	3798.73
MW - 4	04/18/14	3859.62	60.91	61.00	0.09	3798.70
MW - 4	04/23/14	3859.62	60.92	61.02	0.10	3798.69
MW - 4	05/05/14	3859.62	60.95	61.05	0.10	3798.66
MW - 4	05/16/14	3859.62	60.95	61.12	0.17	3798.64
MW - 4	05/20/14	3859.62	60.94	60.99	0.05	3798.67
MW - 4	05/30/14	3859.62	60.91	61.06	0.15	3798.69
MW - 4	06/18/14	3859.62	60.95	61.05	0.10	3798.66
MW - 4	06/27/14	3859.62	61.00	61.08	0.08	3798.61
MW - 4	07/02/14	3859.62	61.00	61.13	0.13	3798.60
MW - 4	07/10/14	3859.62	60.95	61.15	0.20	3798.64
MW - 4	07/29/14	3859.62	60.98	61.23	0.25	3798.60
MW - 4	07/30/14	3859.62	60.98	61.23	0.25	3798.60
MW - 4	08/08/14	3859.62	60.98	61.30	0.32	3798.59
MW - 4	08/19/14	3859.62	60.97	61.31	0.34	3798.60
MW - 4	09/04/14	3859.62	60.98	61.51	0.53	3798.56
MW - 4	09/11/14	3859.62	61.04	61.40	0.36	3798.53
MW - 4	10/16/14	3859.62	60.90	61.35	0.45	3798.65
MW - 4	10/22/14	3859.62	60.95	61.29	0.34	3798.62
MW - 4	10/23/14	3859.62	60.95	61.29	0.34	3798.62
MW - 4	11/24/14	3859.62	60.96	61.62	0.66	3798.56
MW - 4	12/05/14	3859.62	60.97	61.94	0.97	3798.50
MW - 4	12/12/14	3859.62	60.95	61.84	0.89	3798.54
MW - 4	12/19/14	3859.62	60.97	61.65	0.68	3798.55
MW - 4	01/07/15	3859.62	61.03	61.85	0.82	3798.47
MW - 4	01/15/15	3859.62	61.00	61.71	0.71	3798.51
MW - 4	02/05/15	3859.62	60.98	61.85	0.87	3798.51

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	02/11/15	3859.62	61.02	61.74	0.72	3798.49
MW - 4	02/20/15	3859.62	61.00	61.90	0.90	3798.49
MW - 4	03/06/15	3859.62	61.02	61.89	0.87	3798.47
MW - 4	03/11/15	3859.62	61.01	61.92	0.91	3798.47
MW - 4	03/13/15	3859.62	61.00	61.99	0.99	3798.47
MW - 4	03/17/15	3859.62	61.08	61.78	0.70	3798.44
MW - 4	04/01/15	3859.62	61.04	61.42	0.38	3798.52
MW - 4	04/09/15	3859.62	61.07	61.91	0.84	3798.42
MW - 4	04/15/15	3859.62	61.07	61.77	0.70	3798.45
MW - 4	04/17/15	3859.62	61.13	61.64	0.51	3798.41
MW - 4	04/28/15	3859.62	61.24	61.94	0.70	3798.28
MW - 4	05/19/15	3859.62	61.06	62.12	1.06	3798.40
MW - 4	06/02/15	3859.62	61.02	62.28	1.26	3798.41
MW - 4	06/11/15	3859.62	61.12	61.93	0.81	3798.38
MW - 4	06/17/15	3859.62	61.14	61.82	0.68	3798.38
MW - 4	06/25/15	3859.62	61.13	61.85	0.72	3798.38
MW - 4	07/01/15	3859.62	61.15	61.80	0.65	3798.37
MW - 4	07/08/15	3859.62	61.16	61.91	0.75	3798.35
MW - 4	07/15/15	3859.62	61.15	61.87	0.72	3798.36
MW - 4	07/22/15	3859.62	61.09	62.28	1.19	3798.35
MW - 4	07/29/15	3859.62	61.12	62.32	1.20	3798.32
MW - 4	07/31/15	3859.62	61.20	61.88	0.68	3798.32
MW - 4	08/06/15	3859.62	61.15	62.10	0.95	3798.33
MW - 4	08/12/15	3859.62	61.12	62.24	1.12	3798.33
MW - 4	08/17/15	3859.62	61.11	62.29	1.18	3798.33
MW - 4	08/19/15	3859.62	61.13	62.35	1.22	3798.31
MW - 4	08/27/15	3859.62	61.19	62.03	0.84	3798.30
MW - 4	09/03/15	3859.62	61.20	62.00	0.80	3798.30
MW - 4	09/09/15	3859.62	61.24	61.65	0.41	3798.32
MW - 4	09/11/15	3859.62	61.29	61.53	0.24	3798.29
MW - 4	09/15/15	3859.62	61.26	61.61	0.35	3798.31
MW - 4	09/22/15	3859.62	61.25	61.74	0.49	3798.30
MW - 4	09/30/15	3859.62	61.25	61.87	0.62	3798.28
MW - 4	10/06/15	3859.62	61.27	61.86	0.59	3798.26
MW - 4	10/13/15	3859.62	61.21	62.03	0.82	3798.29
MW - 4	10/22/15	3859.62	61.31	61.72	0.41	3798.25
MW - 4	10/27/15	3859.62	61.29	61.76	0.47	3798.26
MW - 4	11/11/15	3859.62	61.23	62.18	0.95	3798.25
MW - 4	11/18/15	3859.62	61.29	62.38	1.09	3798.17
MW - 4	12/03/15	3859.62	61.15	62.87	1.72	3798.21

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	12/10/15	3859.62	61.24	62.40	1.16	3798.21
MW - 4	12/22/15	3859.62	61.26	62.22	0.96	3798.22
MW - 4	01/08/16	3859.62	61.20	62.43	1.23	3798.24
MW - 4	01/14/16	3859.62	61.17	62.77	1.60	3798.21
MW - 4	01/28/16	3859.62	61.26	62.49	1.23	3798.18
MW - 4	02/02/16	3859.62	61.34	62.22	0.88	3798.15
MW - 4	02/09/16	3859.62	61.27	62.67	1.40	3798.14
MW - 4	03/02/16	3859.62	61.14	63.38	2.24	3798.14
MW - 4	03/09/16	3859.62	61.31	62.50	1.19	3798.13
MW - 4	03/17/16	3859.62	61.26	62.87	1.61	3798.12
MW - 4	04/06/16	3859.62	61.25	63.07	1.82	3798.10
MW - 4	04/13/16	3859.62	61.45	61.78	0.33	3798.12
MW - 4	04/20/16	3859.62	61.44	61.98	0.54	3798.10
MW - 4	04/27/16	3859.62	61.42	62.17	0.75	3798.09
MW - 4	04/28/16	3859.62	61.42	62.17	0.75	3798.09
MW - 4	05/05/16	3859.62	61.46	61.88	0.42	3798.10
MW - 4	05/10/16	3859.62	61.49	61.77	0.28	3798.09
MW - 4	06/08/16	3859.62	61.31	62.77	1.46	3798.09
MW - 4	06/15/16	3859.62	61.39	63.04	1.65	3797.98
MW - 4	06/21/16	3859.62	61.28	63.28	2.00	3798.04
MW - 4	06/30/16	3859.62	61.34	63.10	1.76	3798.02
MW - 4	07/01/16	3859.62	61.34	63.10	1.76	3798.02
MW - 4	07/07/16	3859.62	61.51	62.25	0.74	3798.00
MW - 4	07/15/16	3859.62	61.50	62.21	0.71	3798.01
MW - 4	07/21/16	3859.62	61.52	62.20	0.68	3798.00
MW - 4	07/28/16	3859.62	61.51	62.30	0.79	3797.99
MW - 4	08/02/16	3859.62	61.51	62.20	0.69	3798.01
MW - 4	08/09/16	3859.62	61.49	62.50	1.01	3797.98
MW - 4	08/16/16	3859.62	61.54	62.84	1.30	3797.89
MW - 4	08/25/16	3859.62	61.49	63.18	1.69	3797.88
MW - 4	09/01/16	3859.62	61.46	61.63	0.17	3798.13
MW - 4	09/08/16	3859.62	61.41	63.74	2.33	3797.86
MW - 4	9/14/16-9/15/2016	3859.62	61.40	63.87	2.47	3797.85
MW - 4	09/22/16	3859.62	61.38	64.08	2.70	3797.84
MW - 4	09/29/16	3859.62	61.38	64.22	2.84	3797.81
MW - 4	10/06/16	3859.62	61.36	64.38	3.02	3797.81
MW - 4	10/13/16	3859.62	61.37	64.49	3.12	3797.78
MW - 4	10/20/16	3859.62	61.36	64.60	3.24	3797.77
MW - 4	10/27/16	3859.62	61.34	64.72	3.38	3797.77
MW - 4	11/10/16	3859.62	61.32	64.91	3.59	3797.76

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	11/16/16	3859.62	61.31	65.04	3.73	3797.75
MW - 4	11/23/16	3859.62	61.32	65.08	3.76	3797.74
MW - 4	12/09/16	3859.62	61.24	65.11	3.87	3797.80
MW - 4	12/14/16	3859.62	61.32	65.32	4.00	3797.70
MW - 4	12/28/16	3859.62	61.24	65.34	4.10	3797.77
MW - 4	01/05/17	3859.62	61.62	63.11	1.49	3797.78
MW - 4	01/12/17	3859.62	61.68	62.83	1.15	3797.77
MW - 4	01/19/17	3859.62	61.74	62.51	0.77	3797.76
MW - 4	01/20/17	3859.62	61.74	62.51	0.77	3797.76
MW - 4	01/25/17	3859.62	61.77	62.48	0.71	3797.74
MW - 4	02/02/17	3859.62	61.79	62.32	0.53	3797.75
MW - 4	02/09/17	3859.62	61.79	62.28	0.49	3797.76
MW - 4	02/17/07	3859.62	61.80	62.47	0.67	3797.72
MW - 4	02/22/17	3859.62	61.81	62.34	0.53	3797.73
MW - 4	03/02/17	3859.62	61.82	62.58	0.76	3797.69
MW - 4	03/09/17	3859.62	61.82	62.48	0.66	3797.70
MW - 4	03/16/17	3859.62	61.86	62.42	0.56	3797.68
MW - 4	03/23/17	3859.62	61.83	62.33	0.50	3797.72
MW - 4	03/30/17	3859.62	61.86	62.50	0.64	3797.66
MW - 4	04/06/17	3859.62	61.90	62.40	0.50	3797.65
MW - 4	04/12/17	3859.62	61.92	62.42	0.50	3797.63
MW - 4	04/20/17	3859.62	61.89	62.54	0.65	3797.63
MW - 4	04/27/17	3859.62	61.91	62.40	0.49	3797.64
MW - 4	05/03/17	3859.62	62.44	63.87	1.43	3796.97
MW - 4	05/11/17	3859.62	61.94	62.53	0.59	3797.59
MW - 4	05/17/17	3859.62	61.93	62.64	0.71	3797.58
MW - 4	05/26/17	3859.62	61.94	62.95	1.01	3797.53
MW - 4	06/02/17	3859.62	61.98	62.66	0.68	3797.54
MW - 4	06/08/17	3859.62	61.98	62.49	0.51	3797.56
MW - 4	06/09/17	3859.62	61.98	62.49	0.51	3797.56
MW - 4	06/14/17	3859.62	62.02	62.68	0.66	3797.50
MW - 4	06/21/17	3859.62	61.99	62.69	0.70	3797.53
MW - 4	06/30/17	3859.62	62.05	62.64	0.59	3797.48
MW - 4	07/06/17	3859.62	62.04	62.70	0.66	3797.48
MW - 4	07/13/17	3859.62	62.04	62.74	0.70	3797.48
MW - 4	07/19/17	3859.62	62.09	62.58	0.49	3797.46
MW - 4	07/23/17	3859.62	62.05	62.67	0.62	3797.48
MW - 4	07/26/17	3859.62	62.01	62.48	0.47	3797.54
MW - 4	08/23/17	3859.62	62.05	63.18	1.13	3797.40
MW - 4	08/31/17	3859.62	62.03	63.35	1.32	3797.39

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	09/20/17	3859.62	62.04	63.50	1.46	3797.36
MW - 4	09/28/17	3859.62	62.20	62.75	0.55	3797.34
MW - 4	10/05/17	3859.62	62.22	62.75	0.53	3797.32
MW - 4	10/10/17	3859.62	62.22	62.61	0.39	3797.34
MW - 4	10/12/17	3859.62	62.22	62.68	0.46	3797.33
MW - 4	10/19/17	3859.62	62.22	62.78	0.56	3797.32
MW - 4	11/02/17	3859.62	62.24	62.91	0.67	3797.28
MW - 4	11/17/17	3859.62	62.25	63.02	0.77	3797.25
MW - 4	11/22/17	3859.62	62.27	63.04	0.77	3797.23
MW - 4	11/29/17	3859.62	62.25	63.22	0.97	3797.22
MW - 4	12/20/17	3859.62	62.22	63.58	1.36	3797.20
MW - 4	01/08/18	3859.62	62.49	63.54	1.05	3796.97
MW - 4	01/18/18	3859.62	62.30	63.50	1.20	3797.14
MW - 4	01/25/18	3859.62	62.36	63.26	0.90	3797.13
MW - 4	02/01/18	3859.62	62.45	62.92	0.47	3797.10
MW - 4	02/14/18	3859.62	62.43	62.93	0.50	3797.12
MW - 4	03/01/18	3859.62	62.46	63.19	0.73	3797.05
MW - 4	03/08/18	3859.62	62.45	63.00	0.55	3797.09
MW - 4	03/22/18	3859.62	62.49	63.09	0.60	3797.04
MW - 4	03/29/18	3859.62	62.54	62.92	0.38	3797.02
MW - 4	04/05/18	3859.62	62.54	62.91	0.37	3797.02
MW - 4	04/12/18	3859.62	62.72	63.06	0.34	3796.85
MW - 4	04/30/18	3859.62	62.71	63.36	0.65	3796.81
MW - 4	05/03/18	3859.62	62.56	63.24	0.68	3796.96
MW - 4	05/08/18	3859.62	62.74	63.31	0.57	3796.79
MW - 4	05/10/18	3859.62	62.74	63.31	0.57	3796.79
MW - 4	05/17/18	3859.62	62.25	63.25	1.00	3797.22
MW - 4	05/24/18	3859.62	62.57	63.40	0.83	3796.93
MW - 4	06/21/18	3859.62	62.62	63.40	0.78	3796.88
MW - 4	07/06/18	3859.62	62.69	62.94	0.25	3796.89
MW - 4	07/05/18	3859.62	62.69	62.94	0.25	3796.89
MW - 4	07/12/18	3859.62	62.73	62.95	0.22	3796.86
MW - 4	07/18/18	3859.62	62.74	62.95	0.21	3796.85
MW - 4	07/26/18	3859.62	62.75	62.96	0.21	3796.84
MW - 4	08/02/18	3859.62	62.75	63.12	0.37	3796.81
MW - 4	08/16/18	3859.62	62.74	63.06	0.32	3796.83
MW - 4	08/23/18	3859.62	62.75	63.12	0.37	3796.81
MW - 4	08/30/18	3859.62	62.78	63.15	0.37	3796.78
MW - 4	09/13/18	3859.62	62.82	63.20	0.38	3796.74
MW - 4	09/20/18	3859.62	62.83	63.10	0.27	3796.75

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	10/25/18	3859.62	62.84	63.46	0.62	3796.69
MW - 4	11/16/18	3859.62	62.90	63.32	0.42	3796.66
MW - 4	11/20/18	3859.62	62.93	63.22	0.29	3796.65
MW - 4	11/29/18	3859.62	62.94	63.12	0.18	3796.65
MW - 4	12/06/18	3859.62	62.95	63.27	0.32	3796.62
MW - 4	12/11/18	3859.62	62.96	63.16	0.20	3796.63
MW - 4	12/18/18	3859.62	62.95	63.21	0.26	3796.63
MW - 4	12/27/18	3859.62	62.97	63.26	0.29	3796.61
MW - 4	01/04/19	3859.62	62.97	63.31	0.34	3796.60
MW - 4	01/17/19	3859.62	62.97	63.43	0.46	3796.58
MW - 4	01/30/19	3859.62	62.96	63.64	0.68	3796.56
MW - 4	02/21/19	3859.62	62.99	63.75	0.76	3796.52
MW - 4	03/12/19	3859.62	62.96	64.00	1.04	3796.50
MW - 4	04/02/19	3859.62	63.07	63.58	0.51	3796.47
MW - 4	04/04/19	3859.62	63.11	63.35	0.24	3796.47
MW - 4	04/11/19	3859.62	63.12	63.52	0.40	3796.44
MW - 4	04/18/19	3859.62	63.12	63.39	0.27	3796.46
MW - 4	04/26/19	3859.62	63.13	63.43	0.30	3796.45
MW - 4	05/29/19	3859.62	63.12	63.86	0.74	3796.39
MW - 4	08/13/19	3859.62	63.15	64.83	1.68	3796.22
MW - 4	08/28/19	3859.62	63.18	64.72	1.54	3796.21
MW - 4	10/01/19	3859.62	63.14	65.62	2.48	3796.11
MW - 4	10/29/19	3859.62	63.09	66.33	3.24	3796.04
MW - 4	01/30/20	3859.62	63.17	66.97	3.80	3795.88
MW - 4	02/07/20	3859.62	63.26	66.52	3.26	3795.87
MW - 4	02/12/20	3859.62	63.36	66.00	2.64	3795.86
MW - 4	02/20/20	3859.62	63.57	64.84	1.27	3795.86
MW - 4	02/28/20	3859.62	63.37	66.01	2.64	3795.85
MW - 4	03/06/20	3859.62	63.40	65.99	2.59	3795.83
MW - 4	03/11/20	3859.62	63.52	65.25	1.73	3795.84
MW - 4	03/18/20	3859.62	63.38	66.05	2.67	3795.84
MW - 4	05/13/20	3859.62	63.35	67.10	3.75	3795.71
MW - 4	05/19/20	3859.62	63.35	67.12	3.77	3795.70
MW - 4	06/10/20	3859.62	63.40	67.12	3.72	3795.66
MW - 4	06/12/20	3859.62	63.40	67.12	3.72	3795.66
MW - 4	07/16/20	3859.62	63.46	67.20	3.74	3795.60
MW - 4	07/20/20	3859.62	63.48	67.25	3.77	3795.57
MW - 4	08/07/20	3859.62	63.51	67.23	3.72	3795.55
MW - 4	08/21/20	3859.62	63.53	67.25	3.72	3795.53
MW - 4	08/26/20	3859.62	63.65	66.80	3.15	3795.50

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	09/03/20	3859.62	63.58	67.22	3.64	3795.49
MW - 4	10/08/20	3859.62	63.56	67.29	3.73	3795.50
MW - 4	10/20/20	3859.62	63.60	67.26	3.66	3795.47
MW - 4	11/19/20	3859.62	63.62	67.38	3.76	3795.44
MW - 4	12/18/20	3859.62	63.67	67.48	3.81	3795.38
MW - 4	12/29/20	3859.62	63.68	67.51	3.83	3795.37
MW - 4	01/12/21	3859.62	63.73	67.56	3.83	3795.32
MW - 4	01/20/21	3859.62	63.72	67.52	3.80	3795.33
MW - 4	01/28/21	3859.62	63.72	67.56	3.84	3795.32
MW - 4	02/02/21	3859.62	63.74	67.70	3.96	3795.29
MW - 4	02/24/21	3859.62	63.77	67.70	3.93	3795.26
MW - 4	03/02/21	3859.62	63.81	67.58	3.77	3795.24
MW - 4	03/11/21	3859.62	63.80	67.70	3.90	3795.24
MW - 4	03/24/21	3859.62	63.83	67.75	3.92	3795.20
MW - 4	04/23/21	3859.62	63.87	67.91	4.04	3795.14
MW - 4	05/07/21	3859.62	63.88	67.93	4.05	3795.13
MW - 4	05/28/21	3859.62	63.90	68.02	4.12	3795.10
MW - 4	06/23/21	3859.62	63.93	68.09	4.16	3795.07
MW - 4	07/07/21	3859.62	63.98	68.18	4.20	3795.01
MW - 4	07/23/21	3859.62	63.99	68.22	4.23	3795.00
MW - 4	07/29/21	3859.62	64.00	68.28	4.28	3794.98
MW - 4	08/05/21	3859.62	64.03	68.30	4.27	3794.95
MW - 4	08/20/21	3859.62	64.07	68.35	4.28	3794.91
MW - 4	09/10/21	3859.62	64.10	68.40	4.30	3794.88
MW - 4	09/17/21	3859.62	64.12	68.44	4.32	3794.85
MW - 4	09/21/21	3859.62	64.12	68.41	4.29	3794.86
MW - 4	10/07/21	3859.62	64.15	68.49	4.34	3794.82
MW - 4	10/22/21	3859.62	64.19	68.52	4.33	3794.78
MW - 4	10/26/21	3859.62	64.20	68.42	4.22	3794.79
MW - 4	11/15/21	3859.62	64.21	68.59	4.38	3794.75
MW - 4	11/23/21	3859.62	64.22	68.44	4.22	3794.77
MW - 4	12/15/21	3859.62	64.22	68.60	4.38	3794.74
MW - 4	12/29/21	3859.62	64.34	68.55	4.21	3794.65
MW - 6	03/24/00	3862.47	-	57.43	0.00	3805.04
MW - 6	06/14/00	3862.47	-	57.98	0.00	3804.49
MW - 6	09/22/00	3862.47	-	56.82	0.00	3805.65
MW - 6	12/28/00	3862.47	-	57.03	0.00	3805.44
MW - 6	03/14/01	3862.47	-	57.14	0.00	3805.33
MW - 6	06/06/01	3862.47	-	57.35	0.00	3805.12

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	09/28/01	3862.47	-	57.42	0.00	3805.05
MW - 6	11/17/01	3862.47	-	57.77	0.00	3804.70
MW - 6	03/26/02	3862.47	-	58.05	0.00	3804.42
MW - 6	06/26/02	3862.47	-	57.90	0.00	3804.57
MW - 6	09/25/02	3862.47	-	58.13	0.00	3804.34
MW - 6	12/10/02	3862.47	-	58.15	0.00	3804.32
MW - 6	03/10/03	3862.47	-	58.19	0.00	3804.28
MW - 6	06/09/03	3862.47	-	58.30	0.00	3804.17
MW - 6	09/03/03	3862.47	-	58.42	0.00	3804.05
MW - 6	12/08/03	3862.47	-	58.49	0.00	3803.98
MW - 6	03/01/04	3862.47	-	58.67	0.00	3803.80
MW - 6	05/19/04	3862.47	-	58.49	0.00	3803.98
MW - 6	08/26/04	3862.47	-	58.71	0.00	3803.76
MW - 6	12/09/04	3862.47	-	57.00	0.00	3805.47
MW - 6	03/17/05	3862.47	-	57.18	0.00	3805.29
MW - 6	06/15/05	3862.47	-	57.60	0.00	3804.87
MW - 6	09/14/05	3862.47	-	57.87	0.00	3804.60
MW - 6	12/13/05	3862.47	-	58.18	0.00	3804.29
MW - 6	03/15/06	3862.47	-	58.45	0.00	3804.02
MW - 6	06/14/06	3862.47	-	58.69	0.00	3803.78
MW - 6	09/13/06	3862.47	-	58.84	0.00	3803.63
MW - 6	12/06/06	3862.47	-	58.95	0.00	3803.52
MW - 6	03/01/07	3862.47	-	59.01	0.00	3803.46
MW - 6	05/24/07	3862.47	-	59.11	0.00	3803.36
MW - 6	08/23/07	3862.47	-	59.08	0.00	3803.39
MW - 6	11/08/07	3862.47	-	59.23	0.00	3803.24
MW - 6	03/04/08	3862.47	-	59.34	0.00	3803.13
MW - 6	06/11/08	3862.47	-	59.41	0.00	3803.06
MW - 6	09/09/08	3862.47	-	59.56	0.00	3802.91
MW - 6	12/11/08	3862.47	-	59.61	0.00	3802.86
MW - 6	02/26/09	3862.47	-	59.78	0.00	3802.69
MW - 6	05/21/09	3862.47	-	61.11	0.00	3801.36
MW - 6	08/18/09	3862.47	-	59.89	0.00	3802.58
MW - 6	12/09/09	3862.47	-	59.94	0.00	3802.53
MW - 6	01/06/10	3862.47	-	59.96	0.00	3802.51
MW - 6	01/06/10	3862.47	-	59.96	0.00	3802.51
MW - 6	02/22/10	3862.47	-	60.02	0.00	3802.45
MW - 6	06/04/10	3862.47	-	60.16	0.00	3802.31
MW - 6	08/26/10	3862.47	-	60.16	0.00	3802.31
MW - 6	11/30/10	3862.47	-	59.96	0.00	3802.51

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	03/08/11	3862.47	-	59.95	0.00	3802.52
MW - 6	05/26/11	3862.47	-	59.95	0.00	3802.52
MW - 6	08/18/11	3862.47	-	60.33	0.00	3802.14
MW - 6	11/15/11	3862.47	-	60.37	0.00	3802.10
MW - 6	02/29/12	3862.47	-	61.57	0.00	3800.90
MW - 6	05/01/12	3862.47	-	60.63	0.00	3801.84
MW - 6	08/10/12	3862.47	-	60.99	0.00	3801.48
MW - 6	11/28/12	3862.47	-	60.95	0.00	3801.52
MW - 6	02/21/13	3862.47	-	61.10	0.00	3801.37
MW - 6	05/15/13	3862.47	-	61.09	0.00	3801.38
MW - 6	08/21/13	3862.47	-	61.20	0.00	3801.27
MW - 6	11/11/13	3862.47	-	61.29	0.00	3801.18
MW - 6	02/20/14	3862.47	-	61.35	0.00	3801.12
MW - 6	05/20/14	3862.47	-	61.35	0.00	3801.12
MW - 6	07/29/14	3862.47	-	61.50	0.00	3800.97
MW - 6	08/19/14	3862.47	-	61.41	0.00	3801.06
MW - 6	10/30/14	3862.47	-	61.43	0.00	3801.04
MW - 6	11/24/14	3862.47	-	61.45	0.00	3801.02
MW - 6	02/11/15	3862.47	-	61.57	0.00	3800.90
MW - 6	03/11/15	3862.47	-	61.64	0.00	3800.83
MW - 6	04/17/15	3862.47	-	61.68	0.00	3800.79
MW - 6	05/19/15	3862.47	-	61.66	0.00	3800.81
MW - 6	07/31/15	3862.47	-	61.79	0.00	3800.68
MW - 6	08/12/15	3862.47	-	61.78	0.00	3800.69
MW - 6	09/11/15	3862.47	-	61.87	0.00	3800.60
MW - 6	11/11/15	3862.47	-	61.86	0.00	3800.61
MW - 6	02/02/16	3862.47	-	62.00	0.00	3800.47
MW - 6	04/28/16	3862.47	-	62.01	0.00	3800.46
MW - 6	05/10/16	3862.47	-	62.04	0.00	3800.43
MW - 6	07/01/16	3862.47	-	62.12	0.00	3800.35
MW - 6	07/29/16	3862.47	-	62.15	0.00	3800.32
MW - 6	08/09/16	3862.47	-	61.94	0.00	3800.53
MW - 6	09/15/16	3862.47	-	62.18	0.00	3800.29
MW - 6	11/15/16	3862.47	-	62.27	0.00	3800.20
MW - 6	12/14/16	3862.47	-	62.32	0.00	3800.15
MW - 6	01/20/17	3862.47	-	62.42	0.00	3800.05
MW - 6	02/22/17	3862.47	-	62.41	0.00	3800.06
MW - 6	05/17/17	3862.47	-	62.57	0.00	3799.90
MW - 6	06/09/17	3862.47	-	62.62	0.00	3799.85
MW - 6	07/26/17	3862.47	-	62.60	0.00	3799.87

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	08/23/17	3862.47	-	62.70	0.00	3799.77
MW - 6	10/10/17	3862.47	-	62.39	0.00	3800.08
MW - 6	11/29/17	3862.47	-	62.79	0.00	3799.68
MW - 6	01/08/18	3862.47	-	62.81	0.00	3799.66
MW - 6	02/13/18	3862.47	-	62.93	0.00	3799.54
MW - 6	04/30/18	3862.47	-	62.97	0.00	3799.50
MW - 6	05/17/18	3862.47	-	63.10	0.00	3799.37
MW - 6	07/05/18	3862.47	-	63.10	0.00	3799.37
MW - 6	07/26/18	3862.47	-	63.14	0.00	3799.33
MW - 6	08/16/18	3862.47	-	63.24	0.00	3799.23
MW - 6	11/28/18	3862.47	-	63.34	0.00	3799.13
MW - 6	12/27/18	3862.47	-	63.42	0.00	3799.05
MW - 6	01/17/19	3862.47	-	63.44	0.00	3799.03
MW - 6	02/21/19	3862.47	-	63.47	0.00	3799.00
MW - 6	04/04/19	3862.47	-	63.54	0.00	3798.93
MW - 6	05/30/19	3862.47	-	63.62	0.00	3798.85
MW - 6	08/28/19	3862.47	-	63.74	0.00	3798.73
MW - 6	10/30/19	3862.47	-	63.96	0.00	3798.51
MW - 6	03/18/20	3862.47	-	64.17	0.00	3798.30
MW - 6	05/13/20	3862.47	-	64.26	0.00	3798.21
MW - 6	06/09/20	3862.47	-	64.34	0.00	3798.13
MW - 6	07/16/20	3862.47	-	64.36	0.00	3798.11
MW - 6	08/26/20	3862.47	-	65.42	0.00	3797.05
MW - 6	12/17/20	3862.47	-	64.60	0.00	3797.87
MW - 6	01/28/21	3862.47	-	64.62	0.00	3797.85
MW - 6	03/23/21	3862.47	-	64.71	0.00	3797.76
MW - 6	06/23/21	3862.47	-	64.88	0.00	3797.59
MW - 6	07/22/21	3862.47	-	64.88	0.00	3797.59
MW - 6	09/10/21	3862.47	-	64.94	0.00	3797.53
MW - 6	10/26/21	3862.47	-	64.95	0.00	3797.52
MW - 6	12/15/21	3862.47	-	65.10	0.00	3797.37
MW - 7	03/24/00	3859.31	-	57.17	0.00	3802.14
MW - 7	06/14/00	3859.31	-	57.72	0.00	3801.59
MW - 7	09/22/00	3859.31	-	56.79	0.00	3802.52
MW - 7	12/28/00	3859.31	-	56.96	0.00	3802.35
MW - 7	03/14/01	3859.31	-	57.11	0.00	3802.20
MW - 7	06/06/01	3859.31	-	57.20	0.00	3802.11
MW - 7	09/28/01	3859.31	-	57.32	0.00	3801.99
MW - 7	11/17/01	3859.31	-	57.77	0.00	3801.54

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	03/26/02	3859.31	-	57.82	0.00	3801.49
MW - 7	06/26/02	3859.31	-	57.73	0.00	3801.58
MW - 7	09/25/02	3859.31	-	57.90	0.00	3801.41
MW - 7	12/10/02	3859.31	-	57.91	0.00	3801.40
MW - 7	03/10/03	3859.31	-	58.02	0.00	3801.29
MW - 7	06/09/03	3859.31	-	58.13	0.00	3801.18
MW - 7	09/03/03	3859.31	-	58.20	0.00	3801.11
MW - 7	12/08/03	3859.31	-	58.28	0.00	3801.03
MW - 7	03/01/04	3859.31	-	58.42	0.00	3800.89
MW - 7	05/19/04	3859.31	-	58.29	0.00	3801.02
MW - 7	08/26/04	3859.31	-	58.50	0.00	3800.81
MW - 7	12/09/04	3859.31	-	57.12	0.00	3802.19
MW - 7	03/17/05	3859.31	-	57.25	0.00	3802.06
MW - 7	06/15/05	3859.31	-	57.49	0.00	3801.82
MW - 7	09/14/05	3859.31	-	57.74	0.00	3801.57
MW - 7	12/13/05	3859.31	-	58.00	0.00	3801.31
MW - 7	03/15/06	3859.31	-	58.21	0.00	3801.10
MW - 7	06/14/06	3859.31	-	58.40	0.00	3800.91
MW - 7	09/13/06	3859.31	-	58.53	0.00	3800.78
MW - 7	12/06/06	3859.31	-	58.62	0.00	3800.69
MW - 7	03/01/07	3859.31	sheen	58.74	0.00	3800.57
MW - 7	05/24/07	3859.31	58.73	58.94	0.21	3800.55
MW - 7	05/29/07	3859.31	58.71	59.12	0.41	3800.54
MW - 7	06/05/07	3859.31	58.76	58.84	0.08	3800.54
MW - 7	06/12/07	3859.31	58.79	58.83	0.04	3800.51
MW - 7	06/18/07	3859.31	58.75	59.40	0.65	3800.46
MW - 7	06/29/07	3859.31	58.76	58.84	0.08	3800.54
MW - 7	07/03/07	3859.31	58.76	59.01	0.25	3800.51
MW - 7	07/10/07	3859.31	58.82	58.88	0.06	3800.48
MW - 7	07/18/07	3859.31	58.80	58.88	0.08	3800.50
MW - 7	07/30/07	3859.31	58.82	58.90	0.08	3800.48
MW - 7	08/06/07	3859.31	58.83	58.91	0.08	3800.47
MW - 7	08/13/07	3859.31	58.78	59.08	0.30	3800.49
MW - 7	08/23/07	3859.31	58.82	59.11	0.29	3800.45
MW - 7	08/31/07	3859.31	58.79	59.19	0.40	3800.46
MW - 7	09/17/07	3859.31	58.84	59.01	0.17	3800.44
MW - 7	09/28/07	3859.31	58.85	59.10	0.25	3800.42
MW - 7	10/05/07	3859.31	58.86	58.92	0.06	3800.44
MW - 7	10/12/07	3859.31	58.87	59.00	0.13	3800.42
MW - 7	11/08/07	3859.31	59.39	59.41	0.02	3799.92

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	11/09/07	3859.31	sheen	59.14	0.00	3800.17
MW - 7	12/13/07	3859.31	59.22	59.66	0.44	3800.02
MW - 7	01/10/08	3859.31	58.88	59.44	0.56	3800.35
MW - 7	01/16/08	3859.31	58.92	59.45	0.53	3800.31
MW - 7	01/22/08	3859.31	58.92	59.73	0.81	3800.27
MW - 7	02/07/08	3859.31	58.94	59.36	0.42	3800.31
MW - 7	02/12/08	3859.31	58.99	59.26	0.27	3800.28
MW - 7	02/20/08	3859.31	58.98	59.22	0.24	3800.29
MW - 7	02/27/08	3859.31	58.99	59.20	0.21	3800.29
MW - 7	03/04/08	3859.31	58.99	59.19	0.20	3800.29
MW - 7	03/13/08	3859.31	58.97	59.42	0.45	3800.27
MW - 7	03/20/08	3859.31	60.11	60.47	0.36	3799.15
MW - 7	03/23/08	3859.31	58.97	59.42	0.45	3800.27
MW - 7	04/09/08	3859.31	58.98	59.43	0.45	3800.26
MW - 7	04/18/08	3859.31	59.02	59.45	0.43	3800.23
MW - 7	04/25/08	3859.31	59.05	59.45	0.40	3800.20
MW - 7	04/30/08	3859.31	59.01	59.40	0.39	3800.24
MW - 7	05/16/08	3859.31	59.03	59.45	0.42	3800.22
MW - 7	06/03/08	3859.31	59.08	59.42	0.34	3800.18
MW - 7	06/11/08	3859.31	59.06	59.43	0.37	3800.19
MW - 7	06/18/08	3859.31	59.09	59.44	0.35	3800.17
MW - 7	06/25/08	3859.31	59.07	59.42	0.35	3800.19
MW - 7	07/01/08	3859.31	59.08	59.42	0.34	3800.18
MW - 7	07/09/08	3859.31	59.12	59.46	0.34	3800.14
MW - 7	07/15/08	3859.31	59.11	59.45	0.34	3800.15
MW - 7	07/23/08	3859.31	59.11	59.43	0.32	3800.15
MW - 7	08/13/08	3859.31	59.13	59.52	0.39	3800.12
MW - 7	09/09/08	3859.31	59.12	59.59	0.47	3800.12
MW - 7	09/11/08	3859.31	59.15	59.64	0.49	3800.09
MW - 7	09/22/08	3859.31	59.15	59.64	0.49	3800.09
MW - 7	10/01/08	3859.31	59.18	59.68	0.50	3800.06
MW - 7	10/09/08	3859.31	59.18	59.63	0.45	3800.06
MW - 7	10/16/08	3859.31	59.19	59.59	0.40	3800.06
MW - 7	10/23/08	3859.31	59.16	59.57	0.41	3800.09
MW - 7	10/30/08	3859.31	59.21	59.63	0.42	3800.04
MW - 7	11/04/08	3859.31	59.20	59.60	0.40	3800.05
MW - 7	11/25/08	3859.31	59.20	59.78	0.58	3800.02
MW - 7	11/25/08	3859.31	-	60.86	0.00	3798.45
MW - 7	12/11/08	3859.31	59.21	59.91	0.70	3800.00
MW - 7	01/02/09	3859.31	59.16	60.26	1.10	3799.99

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	01/08/09	3859.31	59.24	59.78	0.54	3799.99
MW - 7	01/14/09	3859.31	59.34	59.70	0.36	3799.92
MW - 7	02/12/09	3859.31	59.23	60.22	0.99	3799.93
MW - 7	02/19/09	3859.31	59.21	60.30	1.09	3799.94
MW - 7	02/26/09	3859.31	59.25	60.01	0.76	3799.95
MW - 7	03/04/09	3859.31	59.32	60.39	1.07	3799.83
MW - 7	03/16/09	3859.31	59.39	60.43	1.04	3799.76
MW - 7	03/19/09	3859.31	59.22	60.42	1.20	3799.91
MW - 7	03/24/09	3859.31	59.23	60.48	1.25	3799.89
MW - 7	04/08/09	3859.31	59.40	60.41	1.01	3799.76
MW - 7	04/15/09	3859.31	59.28	60.32	1.04	3799.87
MW - 7	04/17/09	3859.31	59.42	60.36	0.94	3799.75
MW - 7	04/21/09	3859.31	59.43	60.34	0.91	3799.74
MW - 7	04/29/09	3859.31	59.26	60.56	1.30	3799.86
MW - 7	05/06/09	3859.31	59.33	60.02	0.69	3799.88
MW - 7	05/20/09	3859.31	59.33	60.17	0.84	3799.85
MW - 7	05/22/09	3859.31	59.42	59.87	0.45	3799.82
MW - 7	05/27/09	3859.31	59.35	60.10	0.75	3799.85
MW - 7	06/01/09	3859.31	59.40	59.77	0.37	3799.85
MW - 7	06/09/09	3859.31	59.42	59.78	0.36	3799.84
MW - 7	06/17/09	3859.31	59.41	59.23	-0.18	3799.93
MW - 7	06/23/09	3859.31	59.43	60.39	0.96	3799.74
MW - 7	06/30/09	3859.31	59.40	59.77	0.37	3799.85
MW - 7	07/10/09	3859.31	59.35	59.95	0.60	3799.87
MW - 7	07/13/09	3859.31	59.36	59.79	0.43	3799.89
MW - 7	07/17/09	3859.31	59.37	59.94	0.57	3799.85
MW - 7	07/24/09	3859.31	59.34	60.01	0.67	3799.87
MW - 7	07/28/09	3859.31	59.37	59.73	0.36	3799.89
MW - 7	08/04/09	3859.31	59.32	59.82	0.50	3799.92
MW - 7	08/12/09	3859.31	59.36	60.00	0.64	3799.85
MW - 7	08/18/09	3859.31	59.38	60.01	0.63	3799.84
MW - 7	08/20/09	3859.31	59.35	60.04	0.69	3799.86
MW - 7	08/26/09	3859.31	59.35	60.08	0.73	3799.85
MW - 7	09/02/09	3859.31	59.35	60.04	0.69	3799.86
MW - 7	09/09/09	3859.31	59.40	59.78	0.38	3799.85
MW - 7	09/14/09	3859.31	59.39	59.79	0.40	3799.86
MW - 7	09/21/09	3859.31	59.40	59.90	0.50	3799.84
MW - 7	10/01/09	3859.31	59.38	60.07	0.69	3799.83
MW - 7	10/08/09	3859.31	59.42	59.78	0.36	3799.84
MW - 7	10/14/09	3859.31	59.42	59.89	0.47	3799.82

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	10/21/09	3859.31	59.42	60.05	0.63	3799.80
MW - 7	10/28/09	3859.31	59.41	59.99	0.58	3799.81
MW - 7	10/29/09	3859.31	59.46	59.87	0.41	3799.79
MW - 7	11/04/09	3859.31	59.45	59.90	0.45	3799.79
MW - 7	11/11/09	3859.31	58.45	59.96	1.51	3800.63
MW - 7	11/18/09	3859.31	59.45	59.99	0.54	3799.78
MW - 7	12/02/09	3859.31	59.47	60.16	0.69	3799.74
MW - 7	12/10/09	3859.31	59.49	60.19	0.70	3799.72
MW - 7	12/18/09	3859.31	59.49	60.20	0.71	3799.71
MW - 7	12/23/09	3859.31	59.53	60.06	0.53	3799.70
MW - 7	12/30/09	3859.31	59.56	60.03	0.47	3799.68
MW - 7	01/06/10	3859.31	59.50	60.05	0.55	3799.73
MW - 7	01/19/10	3859.31	59.52	60.07	0.55	3799.71
MW - 7	02/02/10	3859.31	59.49	60.37	0.88	3799.69
MW - 7	02/19/10	3859.31	59.57	60.62	1.05	3799.58
MW - 7	02/22/10	3859.31	59.59	60.36	0.77	3799.60
MW - 7	03/02/10	3859.31	59.58	60.53	0.95	3799.59
MW - 7	03/09/10	3859.31	59.65	60.21	0.56	3799.58
MW - 7	03/11/10	3859.31	59.68	60.11	0.43	3799.57
MW - 7	03/16/10	3859.31	59.56	60.33	0.77	3799.63
MW - 7	03/18/10	3859.31	59.85	60.06	0.21	3799.43
MW - 7	03/24/10	3859.31	59.66	60.25	0.59	3799.56
MW - 7	03/31/10	3859.31	59.66	60.24	0.58	3799.56
MW - 7	04/08/10	3859.31	59.52	60.48	0.96	3799.65
MW - 7	04/15/10	3859.31	59.54	60.33	0.79	3799.65
MW - 7	04/28/10	3859.31	59.53	60.45	0.92	3799.64
MW - 7	05/06/10	3859.31	59.56	60.47	0.91	3799.61
MW - 7	05/13/10	3859.31	59.60	60.46	0.86	3799.58
MW - 7	05/19/10	3859.31	59.58	60.47	0.89	3799.60
MW - 7	05/27/10	3859.31	59.46	61.06	1.60	3799.61
MW - 7	06/04/10	3859.31	59.54	60.62	1.08	3799.61
MW - 7	07/02/10	3859.31	59.55	60.88	1.33	3799.56
MW - 7	07/09/10	3859.31	59.59	60.18	0.59	3799.63
MW - 7	07/14/10	3859.31	59.39	59.45	0.06	3799.91
MW - 7	07/22/10	3859.31	59.16	59.60	0.44	3800.08
MW - 7	07/29/10	3859.31	59.16	59.74	0.58	3800.06
MW - 7	08/05/10	3859.31	58.14	58.81	0.67	3801.07
MW - 7	08/12/10	3859.31	59.12	59.98	0.86	3800.06
MW - 7	08/18/10	3859.31	59.14	60.03	0.89	3800.04
MW - 7	08/26/10	3859.31	59.10	60.27	1.17	3800.03

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	09/02/10	3859.31	59.07	60.65	1.58	3800.00
MW - 7	09/08/10	3859.31	59.09	60.25	1.16	3800.05
MW - 7	09/30/10	3859.31	59.21	60.45	1.24	3799.91
MW - 7	10/07/10	3859.31	59.21	60.43	1.22	3799.92
MW - 7	10/14/10	3859.31	59.22	60.44	1.22	3799.91
MW - 7	10/21/10	3859.31	59.19	60.45	1.26	3799.93
MW - 7	11/04/10	3859.31	59.21	60.95	1.74	3799.84
MW - 7	11/11/10	3859.31	59.05	62.23	3.18	3799.78
MW - 7	11/30/10	3859.31	59.21	60.47	1.26	3799.91
MW - 7	12/08/10	3859.31	59.13	61.22	2.09	3799.87
MW - 7	12/16/10	3859.31	59.22	61.35	2.13	3799.77
MW - 7	12/22/10	3859.31	59.12	60.78	1.66	3799.94
MW - 7	01/13/11	3859.31	59.08	60.69	1.61	3799.99
MW - 7	01/27/11	3859.31	59.20	60.50	1.30	3799.92
MW - 7	03/08/11	3859.31	59.12	60.57	1.45	3799.97
MW - 7	04/28/11	3859.31	59.03	64.00	4.97	3799.53
MW - 7	05/11/11	3859.31	59.09	63.89	4.80	3799.50
MW - 7	05/18/11	3859.31	59.17	63.87	4.70	3799.44
MW - 7	05/23/11	3859.31	58.95	63.99	5.04	3799.60
MW - 7	05/26/11	3859.31	58.95	63.99	5.04	3799.60
MW - 7	06/02/11	3859.31	59.04	64.07	5.03	3799.52
MW - 7	06/08/11	3859.31	59.34	61.89	2.55	3799.59
MW - 7	06/16/11	3859.31	59.18	64.14	4.96	3799.39
MW - 7	06/22/11	3859.31	59.00	64.04	5.04	3799.55
MW - 7	06/30/11	3859.31	59.36	63.68	4.32	3799.30
MW - 7	07/06/11	3859.31	59.59	62.27	2.68	3799.32
MW - 7	07/13/11	3859.31	59.54	62.02	2.48	3799.40
MW - 7	07/19/11	3859.31	59.63	61.58	1.95	3799.39
MW - 7	07/26/11	3859.31	59.63	61.10	1.47	3799.46
MW - 7	08/12/11	3859.31	59.62	61.22	1.60	3799.45
MW - 7	08/19/11	3859.31	59.72	60.72	1.00	3799.44
MW - 7	08/23/11	3859.31	59.72	60.60	0.88	3799.46
MW - 7	09/06/11	3859.31	59.67	61.37	1.70	3799.39
MW - 7	09/13/11	3859.31	59.71	61.10	1.39	3799.39
MW - 7	10/13/11	3859.31	59.83	60.47	0.64	3799.38
MW - 7	11/15/11	3859.31	59.84	60.95	1.11	3799.30
MW - 7	11/30/11	3859.31	59.80	61.10	1.30	3799.32
MW - 7	01/24/12	3859.31	59.78	61.84	2.06	3799.22
MW - 7	01/31/12	3859.31	59.86	61.27	1.41	3799.24
MW - 7	02/08/12	3859.31	59.90	61.05	1.15	3799.24

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	02/29/12	3859.31	59.89	61.51	1.62	3799.18
MW - 7	03/09/12	3859.31	59.59	61.10	1.51	3799.49
MW - 7	03/16/12	3859.31	59.56	61.25	1.69	3799.50
MW - 7	03/21/12	3859.31	60.01	60.93	0.92	3799.16
MW - 7	03/28/12	3859.31	60.05	60.90	0.85	3799.13
MW - 7	04/04/12	3859.31	60.06	60.82	0.76	3799.14
MW - 7	04/11/12	3859.31	60.09	60.76	0.67	3799.12
MW - 7	04/18/12	3859.31	60.11	60.70	0.59	3799.11
MW - 7	04/25/12	3859.31	60.10	60.70	0.60	3799.12
MW - 7	05/01/12	3859.31	60.13	60.81	0.68	3799.08
MW - 7	05/09/12	3859.31	60.10	60.70	0.60	3799.12
MW - 7	06/07/12	3859.31	60.07	61.37	1.30	3799.05
MW - 7	06/20/12	3859.31	60.02	61.65	1.63	3799.05
MW - 7	06/27/12	3859.31	60.10	61.42	1.32	3799.01
MW - 7	07/11/12	3859.31	60.05	61.99	1.94	3798.97
MW - 7	08/10/12	3859.31	60.48	61.16	0.68	3798.73
MW - 7	09/06/12	3859.31	60.00	62.62	2.62	3798.92
MW - 7	10/04/12	3859.31	60.21	61.96	1.75	3798.84
MW - 7	10/12/12	3859.31	60.19	61.97	1.78	3798.85
MW - 7	10/18/12	3859.31	60.20	61.99	1.79	3798.84
MW - 7	10/25/12	3859.31	60.38	60.90	0.52	3798.85
MW - 7	10/31/12	3859.31	60.37	60.92	0.55	3798.86
MW - 7	11/15/12	3859.31	60.42	60.71	0.29	3798.85
MW - 7	11/27/12	3859.31	60.44	60.81	0.37	3798.81
MW - 7	12/19/12	3859.31	60.44	60.98	0.54	3798.79
MW - 7	01/17/13	3859.31	60.45	61.60	1.15	3798.69
MW - 7	01/31/13	3859.31	60.45	61.13	0.68	3798.76
MW - 7	02/21/13	3859.31	60.45	61.25	0.80	3798.74
MW - 7	03/05/13	3859.31	60.49	61.34	0.85	3798.69
MW - 7	03/21/13	3859.31	60.47	61.33	0.86	3798.71
MW - 7	04/04/13	3859.31	60.50	61.40	0.90	3798.68
MW - 7	04/11/13	3859.31	-	60.62	0.00	3798.69
MW - 7	04/18/13	3859.31	60.65	60.68	0.03	3798.66
MW - 7	04/25/13	3859.31	60.63	60.70	0.07	3798.67
MW - 7	05/01/13	3859.31	60.64	60.71	0.07	3798.66
MW - 7	05/10/13	3859.31	60.63	60.70	0.07	3798.67
MW - 7	05/15/13	3859.31	60.64	60.74	0.10	3798.66
MW - 7	05/24/13	3859.31	60.65	60.77	0.12	3798.64
MW - 7	05/30/13	3859.31	60.66	60.73	0.07	3798.64
MW - 7	06/06/13	3859.31	60.67	60.74	0.07	3798.63

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	06/14/13	3859.31	60.68	60.73	0.05	3798.62
MW - 7	06/20/13	3859.31	60.69	60.72	0.03	3798.62
MW - 7	06/27/13	3859.31	60.67	60.72	0.05	3798.63
MW - 7	07/03/13	3859.31	60.70	60.76	0.06	3798.60
MW - 7	07/10/13	3859.31	60.71	60.76	0.05	3798.59
MW - 7	07/25/13	3859.31	60.71	60.78	0.07	3798.59
MW - 7	07/31/13	3859.31	60.70	60.78	0.08	3798.60
MW - 7	08/20/13	3859.31	60.73	60.79	0.06	3798.57
MW - 7	08/29/13	3859.31	60.70	60.80	0.10	3798.60
MW - 7	09/09/13	3859.31	60.75	60.86	0.11	3798.54
MW - 7	09/18/13	3859.31	60.76	60.83	0.07	3798.54
MW - 7	09/27/13	3859.31	60.77	60.83	0.06	3798.53
MW - 7	10/02/13	3859.31	60.79	60.85	0.06	3798.51
MW - 7	10/08/13	3859.31	60.75	60.81	0.06	3798.55
MW - 7	10/16/13	3859.31	60.78	60.83	0.05	3798.52
MW - 7	10/24/13	3859.31	60.75	60.81	0.06	3798.55
MW - 7	10/31/13	3859.31	60.76	60.81	0.05	3798.54
MW - 7	11/11/13	3859.31	60.77	60.85	0.08	3798.53
MW - 7	12/11/13	3859.31	60.82	60.93	0.11	3798.47
MW - 7	12/17/13	3859.31	60.84	60.96	0.12	3798.45
MW - 7	01/03/14	3859.31	60.87	60.99	0.12	3798.42
MW - 7	01/09/14	3859.31	60.85	60.94	0.09	3798.45
MW - 7	01/15/14	3859.31	60.85	60.93	0.08	3798.45
MW - 7	01/22/14	3859.31	60.85	60.96	0.11	3798.44
MW - 7	01/29/14	3859.31	60.85	60.98	0.13	3798.44
MW - 7	02/20/14	3859.31	60.83	61.09	0.26	3798.44
MW - 7	03/04/14	3859.31	60.77	61.12	0.35	3798.49
MW - 7	03/11/14	3859.31	60.90	61.15	0.25	3798.37
MW - 7	03/18/14	3859.31	60.90	61.18	0.28	3798.37
MW - 7	03/29/14	3859.31	60.89	61.20	0.31	3798.37
MW - 7	04/01/14	3859.31	60.91	61.10	0.19	3798.37
MW - 7	04/08/14	3859.31	60.91	61.03	0.12	3798.38
MW - 7	04/18/14	3859.31	60.93	61.02	0.09	3798.37
MW - 7	04/23/14	3859.31	60.95	61.03	0.08	3798.35
MW - 7	05/05/14	3859.31	60.94	61.04	0.10	3798.36
MW - 7	05/16/14	3859.31	60.98	61.08	0.10	3798.32
MW - 7	05/20/14	3859.31	60.98	61.03	0.05	3798.32
MW - 7	05/30/14	3859.31	60.96	61.07	0.11	3798.33
MW - 7	06/18/14	3859.31	60.96	61.14	0.18	3798.32
MW - 7	06/27/14	3859.31	60.98	61.15	0.17	3798.30

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	07/02/14	3859.31	61.03	61.13	0.10	3798.27
MW - 7	07/10/14	3859.31	61.00	61.17	0.17	3798.28
MW - 7	07/29/14	3859.31	61.03	61.25	0.22	3798.25
MW - 7	07/30/14	3859.31	61.03	61.25	0.22	3798.25
MW - 7	08/08/14	3859.31	61.03	61.30	0.27	3798.24
MW - 7	08/19/14	3859.31	61.02	61.28	0.26	3798.25
MW - 7	09/04/14	3859.31	61.05	61.43	0.38	3798.20
MW - 7	09/11/14	3859.31	61.08	61.35	0.27	3798.19
MW - 7	10/16/14	3859.31	60.96	61.32	0.36	3798.30
MW - 7	10/22/14	3859.31	61.01	61.19	0.18	3798.27
MW - 7	10/23/14	3859.31	61.01	61.19	0.18	3798.27
MW - 7	11/24/14	3859.31	61.05	61.39	0.34	3798.21
MW - 7	12/05/14	3859.31	61.09	61.49	0.40	3798.16
MW - 7	12/12/14	3859.31	61.04	61.56	0.52	3798.19
MW - 7	12/19/14	3859.31	61.07	61.36	0.29	3798.20
MW - 7	01/07/15	3859.31	61.12	61.45	0.33	3798.14
MW - 7	01/15/15	3859.31	61.11	61.34	0.23	3798.17
MW - 7	02/05/15	3859.31	61.10	61.41	0.31	3798.16
MW - 7	02/11/15	3859.31	61.13	61.35	0.22	3798.15
MW - 7	02/20/15	3859.31	61.13	61.45	0.32	3798.13
MW - 7	03/06/15	3859.31	61.12	61.43	0.31	3798.14
MW - 7	03/11/15	3859.31	61.13	61.47	0.34	3798.13
MW - 7	03/13/15	3859.31	61.14	61.50	0.36	3798.12
MW - 7	03/17/15	3859.31	61.18	61.36	0.18	3798.10
MW - 7	04/01/15	3859.31	61.16	61.40	0.24	3798.11
MW - 7	04/09/15	3859.31	61.19	61.43	0.24	3798.08
MW - 7	04/15/15	3859.31	61.18	61.35	0.17	3798.10
MW - 7	04/17/15	3859.31	61.22	61.31	0.09	3798.08
MW - 7	04/28/15	3859.31	61.21	61.41	0.20	3798.07
MW - 7	05/19/15	3859.31	61.20	61.51	0.31	3798.06
MW - 7	06/02/15	3859.31	61.18	61.75	0.57	3798.04
MW - 7	06/11/15	3859.31	61.23	61.53	0.30	3798.04
MW - 7	06/17/15	3859.31	61.24	61.52	0.28	3798.03
MW - 7	06/25/15	3859.31	61.25	61.45	0.20	3798.03
MW - 7	07/01/15	3859.31	61.27	61.40	0.13	3798.02
MW - 7	07/08/15	3859.31	61.30	61.49	0.19	3797.98
MW - 7	07/15/15	3859.31	61.28	61.42	0.14	3798.01
MW - 7	07/22/15	3859.31	61.12	61.50	0.38	3798.13
MW - 7	07/29/15	3859.31	61.15	61.58	0.43	3798.10
MW - 7	07/31/15	3859.31	61.26	61.45	0.19	3798.02

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	08/06/15	3859.31	61.27	61.57	0.30	3798.00
MW - 7	08/12/15	3859.31	61.26	61.62	0.36	3798.00
MW - 7	08/17/15	3859.31	61.25	61.64	0.39	3798.00
MW - 7	08/19/15	3859.31	61.29	61.70	0.41	3797.96
MW - 7	08/27/15	3859.31	61.27	61.82	0.55	3797.96
MW - 7	09/03/15	3859.31	61.29	61.79	0.50	3797.95
MW - 7	09/09/15	3859.31	61.32	61.50	0.18	3797.96
MW - 7	09/11/15	3859.31	61.34	61.42	0.08	3797.96
MW - 7	09/15/15	3859.31	61.33	61.47	0.14	3797.96
MW - 7	09/22/15	3859.31	61.33	61.51	0.18	3797.95
MW - 7	09/30/15	3859.31	61.35	61.53	0.18	3797.93
MW - 7	10/06/15	3859.31	61.35	61.50	0.15	3797.94
MW - 7	10/13/15	3859.31	61.34	61.54	0.20	3797.94
MW - 7	10/22/15	3859.31	61.37	61.64	0.27	3797.90
MW - 7	10/27/15	3859.31	61.36	61.58	0.22	3797.92
MW - 7	11/11/15	3859.31	61.35	61.76	0.41	3797.90
MW - 7	11/18/15	3859.31	61.35	61.84	0.49	3797.89
MW - 7	12/03/15	3859.31	61.35	62.02	0.67	3797.86
MW - 7	12/10/15	3859.31	61.35	61.94	0.59	3797.87
MW - 7	12/22/15	3859.31	61.36	61.93	0.57	3797.86
MW - 7	01/08/16	3859.31	61.37	62.06	0.69	3797.84
MW - 7	01/14/16	3859.31	61.35	62.15	0.80	3797.84
MW - 7	01/28/16	3859.31	61.40	61.88	0.48	3797.84
MW - 7	02/02/16	3859.31	61.45	61.74	0.29	3797.82
MW - 7	02/09/16	3859.31	61.43	61.89	0.46	3797.81
MW - 7	03/02/16	3859.31	61.40	62.05	0.65	3797.81
MW - 7	03/09/16	3859.31	61.48	61.72	0.24	3797.79
MW - 7	03/17/16	3859.31	61.47	61.78	0.31	3797.79
MW - 7	04/06/16	3859.31	61.44	61.96	0.52	3797.79
MW - 7	04/13/16	3859.31	61.48	61.90	0.42	3797.77
MW - 7	04/20/16	3859.31	61.48	61.98	0.50	3797.76
MW - 7	04/27/16	3859.31	61.46	62.07	0.61	3797.76
MW - 7	04/28/16	3859.31	61.46	62.07	0.61	3797.76
MW - 7	05/05/16	3859.31	61.52	61.92	0.40	3797.73
MW - 7	05/10/16	3859.31	61.53	61.80	0.27	3797.74
MW - 7	06/08/16	3859.31	61.52	62.17	0.65	3797.69
MW - 7	06/15/16	3859.31	61.60	62.23	0.63	3797.62
MW - 7	06/21/16	3859.31	61.49	62.29	0.80	3797.70
MW - 7	06/30/16	3859.31	61.49	62.40	0.91	3797.68
MW - 7	07/01/16	3859.31	61.49	62.40	0.91	3797.68

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	07/07/16	3859.31	61.59	61.93	0.34	3797.67
MW - 7	07/15/16	3859.31	61.60	61.84	0.24	3797.67
MW - 7	07/21/16	3859.31	61.62	61.79	0.17	3797.66
MW - 7	07/28/16	3859.31	61.62	61.80	0.18	3797.66
MW - 7	08/02/16	3859.31	61.60	61.80	0.20	3797.68
MW - 7	08/09/16	3859.31	61.61	61.98	0.37	3797.64
MW - 7	08/12/16	3859.31	61.59	61.99	0.40	3797.66
MW - 7	08/16/16	3859.31	61.61	61.74	0.13	3797.68
MW - 7	08/25/16	3859.31	61.63	61.90	0.27	3797.64
MW - 7	09/01/16	3859.31	61.64	61.97	0.33	3797.62
MW - 7	09/08/16	3859.31	61.63	62.01	0.38	3797.62
MW - 7	9/14/16-9/15/2016	3859.31	61.64	61.97	0.33	3797.62
MW - 7	09/22/16	3859.31	61.66	61.99	0.33	3797.60
MW - 7	09/29/16	3859.31	61.68	62.02	0.34	3797.58
MW - 7	10/06/16	3859.31	61.69	62.02	0.33	3797.57
MW - 7	10/13/16	3859.31	61.70	61.99	0.29	3797.57
MW - 7	10/20/16	3859.31	61.72	61.95	0.23	3797.56
MW - 7	10/27/16	3859.31	61.72	61.98	0.26	3797.55
MW - 7	11/10/16	3859.31	61.73	62.07	0.34	3797.53
MW - 7	11/16/16	3859.31	61.72	62.16	0.44	3797.52
MW - 7	11/23/16	3859.31	61.71	62.26	0.55	3797.52
MW - 7	12/09/16	3859.31	61.71	62.40	0.69	3797.50
MW - 7	12/14/16	3859.31	61.72	62.49	0.77	3797.47
MW - 7	12/28/16	3859.31	61.70	62.69	0.99	3797.46
MW - 7	01/05/17	3859.31	61.71	62.47	0.76	3797.49
MW - 7	01/12/17	3859.31	61.76	62.57	0.81	3797.43
MW - 7	01/19/17	3859.31	61.81	62.25	0.44	3797.43
MW - 7	01/20/17	3859.31	61.81	62.25	0.44	3797.43
MW - 7	01/25/17	3859.31	61.85	62.18	0.33	3797.41
MW - 7	02/02/17	3859.31	61.85	62.15	0.30	3797.42
MW - 7	02/09/17	3859.31	61.87	62.07	0.20	3797.41
MW - 7	02/17/17	3859.31	61.89	62.12	0.23	3797.39
MW - 7	02/22/17	3859.31	61.90	62.07	0.17	3797.38
MW - 7	03/02/17	3859.31	61.92	62.19	0.27	3797.35
MW - 7	03/09/17	3859.31	61.91	62.15	0.24	3797.36
MW - 7	03/16/17	3859.31	61.94	62.15	0.21	3797.34
MW - 7	03/23/17	3859.31	61.91	62.11	0.20	3797.37
MW - 7	03/30/17	3859.31	61.97	62.15	0.18	3797.31
MW - 7	04/06/17	3859.31	61.97	62.12	0.15	3797.32
MW - 7	04/12/17	3859.31	62.02	62.09	0.07	3797.28

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	04/20/17	3859.31	61.89	62.19	0.30	3797.38
MW - 7	04/27/17	3859.31	61.98	62.17	0.19	3797.30
MW - 7	05/03/17	3859.31	62.18	62.54	0.36	3797.08
MW - 7	05/11/17	3859.31	62.03	62.19	0.16	3797.26
MW - 7	05/17/17	3859.31	62.02	62.24	0.22	3797.26
MW - 7	05/26/17	3859.31	62.04	62.39	0.35	3797.22
MW - 7	06/02/17	3859.31	62.03	62.48	0.45	3797.21
MW - 7	06/08/17	3859.31	62.06	62.31	0.25	3797.21
MW - 7	06/09/17	3859.31	62.06	62.31	0.25	3797.21
MW - 7	06/14/17	3859.31	62.07	62.26	0.19	3797.21
MW - 7	06/21/17	3859.31	62.08	62.30	0.22	3797.20
MW - 7	06/30/17	3859.31	62.12	62.29	0.17	3797.16
MW - 7	07/06/17	3859.31	62.14	62.29	0.15	3797.15
MW - 7	07/13/17	3859.31	62.13	62.32	0.19	3797.15
MW - 7	07/19/17	3859.31	-	62.27	0.00	3797.04
MW - 7	07/23/17	3859.31	62.15	62.32	0.17	3797.13
MW - 7	07/26/17	3859.31	62.09	62.30	0.21	3797.19
MW - 7	08/23/17	3859.31	62.16	62.59	0.43	3797.09
MW - 7	08/31/17	3859.31	62.18	62.67	0.49	3797.06
MW - 7	09/20/17	3859.31	62.19	62.70	0.51	3797.04
MW - 7	10/05/17	3859.31	62.26	62.59	0.33	3797.00
MW - 7	10/10/17	3859.31	62.29	62.41	0.12	3797.00
MW - 7	10/12/17	3859.31	62.27	62.47	0.20	3797.01
MW - 7	10/19/17	3859.31	62.29	62.50	0.21	3796.99
MW - 7	11/17/17	3859.31	62.33	62.71	0.38	3796.92
MW - 7	11/22/17	3859.31	62.32	62.70	0.38	3796.93
MW - 7	11/29/17	3859.31	62.34	62.70	0.36	3796.92
MW - 7	12/20/17	3859.31	62.35	62.91	0.56	3796.88
MW - 7	01/08/18	3859.31	62.41	62.82	0.41	3796.84
MW - 7	01/18/18	3859.31	62.41	62.95	0.54	3796.82
MW - 7	01/25/18	3859.31	62.43	62.85	0.42	3796.82
MW - 7	02/01/18	3859.31	62.51	62.70	0.19	3796.77
MW - 7	02/14/18	3859.31	62.48	62.68	0.20	3796.80
MW - 7	03/01/18	3859.31	62.52	62.88	0.36	3796.74
MW - 7	03/08/18	3859.31	62.51	62.78	0.27	3796.76
MW - 7	03/22/18	3859.31	62.53	62.83	0.30	3796.74
MW - 7	04/05/18	3859.31	62.57	62.83	0.26	3796.70
MW - 7	04/12/18	3859.31	62.59	62.76	0.17	3796.69
MW - 7	04/30/18	3859.31	62.61	62.95	0.34	3796.65
MW - 7	05/03/18	3859.31	62.61	62.98	0.37	3796.64

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	05/08/18	3859.31	62.61	62.92	0.31	3796.65
MW - 7	05/10/18	3859.31	62.61	62.92	0.31	3796.65
MW - 7	05/17/18	3859.31	62.61	63.00	0.39	3796.64
MW - 7	05/24/18	3859.31	62.62	63.10	0.48	3796.62
MW - 7	06/21/18	3859.31	62.67	63.18	0.51	3796.56
MW - 7	07/06/18	3859.31	62.73	62.87	0.14	3796.56
MW - 7	07/05/18	3859.31	62.73	62.87	0.14	3796.56
MW - 7	07/12/18	3859.31	62.75	62.87	0.12	3796.54
MW - 7	07/18/18	3859.31	62.76	62.87	0.11	3796.53
MW - 7	07/26/18	3859.31	62.74	62.87	0.13	3796.55
MW - 7	08/02/18	3859.31	62.77	63.00	0.23	3796.51
MW - 7	08/16/18	3859.31	62.78	62.98	0.20	3796.50
MW - 7	08/23/18	3859.31	62.77	63.08	0.31	3796.49
MW - 7	08/30/18	3859.31	62.78	63.09	0.31	3796.48
MW - 7	09/13/18	3859.31	62.83	63.08	0.25	3796.44
MW - 7	09/20/18	3859.31	62.86	62.97	0.11	3796.43
MW - 7	10/25/18	3859.31	62.85	63.35	0.50	3796.39
MW - 7	11/16/18	3859.31	62.90	63.22	0.32	3796.36
MW - 7	11/20/18	3859.31	62.94	63.21	0.27	3796.33
MW - 7	11/29/18	3859.31	62.94	63.05	0.11	3796.35
MW - 7	12/06/18	3859.31	62.96	63.18	0.22	3796.32
MW - 7	12/11/18	3859.31	62.96	63.10	0.14	3796.33
MW - 7	12/18/18	3859.31	62.99	63.13	0.14	3796.30
MW - 7	12/27/18	3859.31	62.98	63.16	0.18	3796.30
MW - 7	01/04/19	3859.31	62.99	63.19	0.20	3796.29
MW - 7	01/17/19	3859.31	63.00	63.28	0.28	3796.27
MW - 7	01/30/19	3859.31	62.98	63.44	0.46	3796.26
MW - 7	02/21/19	3859.31	63.02	63.52	0.50	3796.22
MW - 7	03/12/19	3859.31	63.03	63.73	0.70	3796.18
MW - 7	04/02/19	3859.31	63.05	63.62	0.57	3796.17
MW - 7	04/04/19	3859.31	63.08	63.54	0.46	3796.16
MW - 7	05/29/19	3859.31	63.06	64.14	1.08	3796.09
MW - 7	08/28/19	3859.31	63.11	64.92	1.81	3795.93
MW - 7	10/01/19	3859.31	63.16	65.16	2.00	3795.85
MW - 7	10/29/19	3859.31	63.31	64.73	1.42	3795.79
MW - 7	01/22/20	3859.31	63.39	65.45	2.06	3795.61
MW - 7	01/30/20	3859.31	63.64	63.95	0.31	3795.62
MW - 7	02/07/20	3859.31	63.67	63.91	0.24	3795.60
MW - 7	03/18/20	3859.31	63.60	64.45	0.85	3795.58
MW - 7	05/13/20	3859.31	63.60	65.45	1.85	3795.43

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	05/19/20	3859.31	63.60	65.53	1.93	3795.42
MW - 7	06/10/20	3859.31	63.80	64.60	0.80	3795.39
MW - 7	07/16/20	3859.31	63.76	65.20	1.44	3795.33
MW - 7	08/07/20	3859.31	63.78	65.40	1.62	3795.29
MW - 7	08/21/20	3859.31	63.94	64.80	0.86	3795.24
MW - 7	08/26/20	3859.31	63.98	64.48	0.50	3795.26
MW - 7	09/03/20	3859.31	63.99	64.56	0.57	3795.23
MW - 7	10/08/20	3859.31	63.95	64.71	0.76	3795.25
MW - 7	10/20/20	3859.31	64.05	64.36	0.31	3795.21
MW - 7	11/19/20	3859.31	64.00	64.85	0.85	3795.18
MW - 7	12/18/20	3859.31	64.04	64.98	0.94	3795.13
MW - 7	12/29/20	3859.31	64.02	65.25	1.23	3795.11
MW - 7	01/20/21	3859.31	64.06	65.27	1.21	3795.07
MW - 7	01/28/21	3859.31	64.13	64.91	0.78	3795.06
MW - 7	03/02/21	3859.31	64.10	65.62	1.52	3794.98
MW - 7	03/11/21	3859.31	64.22	64.87	0.65	3794.99
MW - 7	03/24/21	3859.31	64.26	64.80	0.54	3794.97
MW - 7	05/07/21	3859.31	64.17	65.80	1.63	3794.90
MW - 7	06/23/21	3859.31	64.38	65.16	0.78	3794.81
MW - 7	07/07/21	3859.31	64.38	65.70	1.32	3794.73
MW - 7	07/23/21	3859.31	64.43	65.21	0.78	3794.76
MW - 7	07/29/21	3859.31	64.42	65.38	0.96	3794.75
MW - 7	08/05/21	3859.31	64.52	65.37	0.85	3794.66
MW - 7	08/20/21	3859.31	64.32	65.25	0.93	3794.85
MW - 7	09/09/21	3859.31	64.54	65.48	0.94	3794.63
MW - 7	09/17/21	3859.31	64.52	65.64	1.12	3794.62
MW - 7	10/07/21	3859.31	64.59	65.59	1.00	3794.57
MW - 7	10/26/21	3859.31	64.60	65.65	1.05	3794.55
MW - 7	11/23/21	3859.31	64.57	66.23	1.66	3794.49
MW - 7	12/15/21	3859.31	64.50	66.00	1.50	3794.59
MW - 7	12/30/21	3859.31	64.75	65.23	0.48	3794.49
MW - 9	03/24/00	3861.88	-	56.34	0.00	3805.54
MW - 9	06/14/00	3861.88	-	56.88	0.00	3805.00
MW - 9	09/22/00	3861.88	-	55.86	0.00	3806.02
MW - 9	12/28/00	3861.88	-	56.02	0.00	3805.86
MW - 9	03/14/01	3861.88	-	56.14	0.00	3805.74
MW - 9	06/06/01	3861.88	-	56.30	0.00	3805.58
MW - 9	09/28/01	3861.88	-	56.38	0.00	3805.50
MW - 9	11/17/01	3861.88	-	57.23	0.00	3804.65

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	03/26/02	3861.88	-	56.95	0.00	3804.93
MW - 9	06/26/02	3861.88	-	56.84	0.00	3805.04
MW - 9	09/25/02	3861.88	-	57.07	0.00	3804.81
MW - 9	12/10/02	3861.88	-	57.07	0.00	3804.81
MW - 9	03/10/03	3861.88	-	57.09	0.00	3804.79
MW - 9	06/09/03	3861.88	-	57.25	0.00	3804.63
MW - 9	09/03/03	3861.88	-	57.35	0.00	3804.53
MW - 9	12/08/03	3861.88	-	57.48	0.00	3804.40
MW - 9	03/01/04	3861.88	-	57.65	0.00	3804.23
MW - 9	05/19/04	3861.88	-	57.55	0.00	3804.33
MW - 9	08/26/04	3861.88	-	57.70	0.00	3804.18
MW - 9	12/09/04	3861.88	-	56.10	0.00	3805.78
MW - 9	03/17/05	3861.88	-	56.15	0.00	3805.73
MW - 9	06/15/05	3861.88	-	56.54	0.00	3805.34
MW - 9	09/15/05	3861.88	-	56.98	0.00	3804.90
MW - 9	12/13/05	3861.88	-	57.20	0.00	3804.68
MW - 9	03/15/06	3861.88	-	57.45	0.00	3804.43
MW - 9	06/14/06	3861.88	-	57.67	0.00	3804.21
MW - 9	09/13/06	3861.88	-	57.79	0.00	3804.09
MW - 9	12/06/06	3861.88	-	58.00	0.00	3803.88
MW - 9	03/01/07	3861.88	-	58.03	0.00	3803.85
MW - 9	05/24/07	3861.88	-	58.08	0.00	3803.80
MW - 9	08/23/07	3861.88	-	58.14	0.00	3803.74
MW - 9	11/08/07	3861.88	-	58.23	0.00	3803.65
MW - 9	03/04/08	3861.88	-	59.28	0.00	3802.60
MW - 9	06/11/08	3861.88	-	58.39	0.00	3803.49
MW - 9	09/09/08	3861.88	-	58.53	0.00	3803.35
MW - 9	12/11/08	3861.88	-	58.69	0.00	3803.19
MW - 9	02/26/09	3861.88	-	58.84	0.00	3803.04
MW - 9	05/22/09	3861.88	-	58.73	0.00	3803.15
MW - 9	08/18/09	3861.88	-	58.89	0.00	3802.99
MW - 9	12/10/09	3861.88	-	58.91	0.00	3802.97
MW - 9	01/06/10	3861.88	-	59.90	0.00	3801.98
MW - 9	02/22/10	3861.88	-	58.99	0.00	3802.89
MW - 9	05/06/10	3861.88	-	59.90	0.00	3801.98
MW - 9	05/13/10	3861.88	-	59.89	0.00	3801.99
MW - 9	05/19/10	3861.88	-	59.88	0.00	3802.00
MW - 9	06/04/10	3861.88	-	59.14	0.00	3802.74
MW - 9	08/26/10	3861.88	-	59.13	0.00	3802.75
MW - 9	11/30/10	3861.88	-	58.93	0.00	3802.95

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	03/08/11	3861.88	-	58.91	0.00	3802.97
MW - 9	05/25/11	3861.88	-	58.92	0.00	3802.96
MW - 9	08/19/11	3861.88	-	59.29	0.00	3802.59
MW - 9	11/15/11	3861.88	-	59.33	0.00	3802.55
MW - 9	11/30/11	3861.88	-	59.37	0.00	3802.51
MW - 9	01/24/12	3861.88	-	59.52	0.00	3802.36
MW - 9	01/31/12	3861.88	-	59.50	0.00	3802.38
MW - 9	02/08/12	3861.88	-	59.50	0.00	3802.38
MW - 9	02/29/12	3861.88	-	59.53	0.00	3802.35
MW - 9	03/09/12	3861.88	-	59.64	0.00	3802.24
MW - 9	03/16/12	3861.88	-	59.56	0.00	3802.32
MW - 9	03/21/12	3861.88	-	59.63	0.00	3802.25
MW - 9	03/28/12	3861.88	-	59.62	0.00	3802.26
MW - 9	04/04/12	3861.88	-	59.61	0.00	3802.27
MW - 9	04/11/12	3861.88	-	59.62	0.00	3802.26
MW - 9	04/18/12	3861.88	-	59.60	0.00	3802.28
MW - 9	04/25/12	3861.88	-	59.65	0.00	3802.23
MW - 9	05/01/12	3861.88	-	59.62	0.00	3802.26
MW - 9	05/09/12	3861.88	-	59.65	0.00	3802.23
MW - 9	06/07/12	3861.88	-	59.67	0.00	3802.21
MW - 9	06/20/12	3861.88	-	59.70	0.00	3802.18
MW - 9	06/27/12	3861.88	-	59.69	0.00	3802.19
MW - 9	07/11/12	3861.88	-	59.76	0.00	3802.12
MW - 9	08/10/12	3861.88	-	59.97	0.00	3801.91
MW - 9	09/06/12	3861.88	-	59.77	0.00	3802.11
MW - 9	10/04/12	3861.88	-	59.95	0.00	3801.93
MW - 9	10/12/12	3861.88	-	59.93	0.00	3801.95
MW - 9	10/18/12	3861.88	-	59.96	0.00	3801.92
MW - 9	10/25/12	3861.88	-	59.95	0.00	3801.93
MW - 9	10/31/12	3861.88	-	59.96	0.00	3801.92
MW - 9	11/15/12	3861.88	-	59.98	0.00	3801.90
MW - 9	11/27/12	3861.88	-	59.99	0.00	3801.89
MW - 9	12/19/12	3861.88	-	60.04	0.00	3801.84
MW - 9	01/17/13	3861.88	-	59.95	0.00	3801.93
MW - 9	01/31/13	3861.88	-	60.03	0.00	3801.85
MW - 9	02/21/13	3861.88	-	60.12	0.00	3801.76
MW - 9	03/05/13	3861.88	-	60.20	0.00	3801.68
MW - 9	03/21/13	3861.88	-	60.03	0.00	3801.85
MW - 9	04/04/13	3861.88	-	60.12	0.00	3801.76
MW - 9	04/11/13	3861.88	-	60.10	0.00	3801.78

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	04/18/13	3861.88	-	60.19	0.00	3801.69
MW - 9	04/25/13	3861.88	-	60.21	0.00	3801.67
MW - 9	05/01/13	3861.88	-	60.18	0.00	3801.70
MW - 9	05/10/13	3861.88	-	60.18	0.00	3801.70
MW - 9	05/15/13	3861.88	-	60.15	0.00	3801.73
MW - 9	05/24/13	3861.88	-	60.14	0.00	3801.74
MW - 9	05/30/13	3861.88	-	60.19	0.00	3801.69
MW - 9	06/06/13	3861.88	-	60.19	0.00	3801.69
MW - 9	06/14/13	3861.88	-	60.27	0.00	3801.61
MW - 9	06/20/13	3861.88	-	60.23	0.00	3801.65
MW - 9	06/27/13	3861.88	-	60.15	0.00	3801.73
MW - 9	07/03/13	3861.88	-	60.21	0.00	3801.67
MW - 9	07/10/13	3861.88	-	60.26	0.00	3801.62
MW - 9	07/25/13	3861.88	-	60.28	0.00	3801.60
MW - 9	07/31/13	3861.88	-	60.21	0.00	3801.67
MW - 9	08/21/13	3861.88	-	60.18	0.00	3801.70
MW - 9	08/29/13	3861.88	-	60.24	0.00	3801.64
MW - 9	09/09/13	3861.88	-	60.28	0.00	3801.60
MW - 9	09/18/13	3861.88	-	60.30	0.00	3801.58
MW - 9	09/27/13	3861.88	-	60.30	0.00	3801.58
MW - 9	10/02/13	3861.88	-	60.31	0.00	3801.57
MW - 9	10/08/13	3861.88	-	60.28	0.00	3801.60
MW - 9	10/16/13	3861.88	-	60.30	0.00	3801.58
MW - 9	10/24/13	3861.88	-	60.26	0.00	3801.62
MW - 9	10/31/13	3861.88	-	60.23	0.00	3801.65
MW - 9	11/11/13	3861.88	-	60.27	0.00	3801.61
MW - 9	12/11/13	3861.88	-	60.43	0.00	3801.45
MW - 9	12/17/13	3861.88	-	60.36	0.00	3801.52
MW - 9	01/03/14	3861.88	-	60.38	0.00	3801.50
MW - 9	01/09/14	3861.88	-	60.37	0.00	3801.51
MW - 9	01/15/14	3861.88	-	60.36	0.00	3801.52
MW - 9	01/22/14	3861.88	-	60.40	0.00	3801.48
MW - 9	01/29/14	3861.88	-	60.36	0.00	3801.52
MW - 9	02/20/14	3861.88	-	60.31	0.00	3801.57
MW - 9	03/04/14	3861.88	-	60.35	0.00	3801.53
MW - 9	03/11/14	3861.88	-	60.47	0.00	3801.41
MW - 9	03/18/14	3861.88	-	60.44	0.00	3801.44
MW - 9	03/29/14	3861.88	-	60.50	0.00	3801.38
MW - 9	04/01/14	3861.88	-	60.43	0.00	3801.45
MW - 9	04/08/14	3861.88	-	60.41	0.00	3801.47

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	04/18/14	3861.88	-	60.44	0.00	3801.44
MW - 9	04/23/14	3861.88	-	60.41	0.00	3801.47
MW - 9	05/05/14	3861.88	-	60.47	0.00	3801.41
MW - 9	05/16/14	3861.88	-	60.45	0.00	3801.43
MW - 9	05/20/14	3861.88	-	60.55	0.00	3801.33
MW - 9	05/30/14	3861.88	-	60.49	0.00	3801.39
MW - 9	06/18/14	3861.88	-	60.51	0.00	3801.37
MW - 9	06/27/14	3861.88	-	60.47	0.00	3801.41
MW - 9	07/02/14	3861.88	-	60.53	0.00	3801.35
MW - 9	07/10/14	3861.88	-	60.52	0.00	3801.36
MW - 9	07/29/14	3861.88	-	60.53	0.00	3801.35
MW - 9	07/30/14	3861.88	-	60.53	0.00	3801.35
MW - 9	08/08/14	3861.88	-	60.55	0.00	3801.33
MW - 9	08/19/14	3861.88	-	60.52	0.00	3801.36
MW - 9	09/04/14	3861.88	-	60.56	0.00	3801.32
MW - 9	09/11/14	3861.88	-	60.59	0.00	3801.29
MW - 9	10/16/14	3861.88	-	60.45	0.00	3801.43
MW - 9	10/22/14	3861.88	-	60.50	0.00	3801.38
MW - 9	10/30/14	3861.88	-	60.51	0.00	3801.37
MW - 9	11/24/14	3861.88	-	60.51	0.00	3801.37
MW - 9	12/05/14	3861.88	-	60.52	0.00	3801.36
MW - 9	12/12/14	3861.88	-	60.58	0.00	3801.30
MW - 9	12/19/14	3861.88	-	60.57	0.00	3801.31
MW - 9	01/07/15	3861.88	-	60.67	0.00	3801.21
MW - 9	01/15/15	3861.88	-	60.61	0.00	3801.27
MW - 9	02/05/15	3861.88	-	60.59	0.00	3801.29
MW - 9	02/11/15	3861.88	-	60.61	0.00	3801.27
MW - 9	02/20/15	3861.88	-	60.63	0.00	3801.25
MW - 9	03/06/15	3861.88	-	60.62	0.00	3801.26
MW - 9	03/11/15	3861.88	-	60.69	0.00	3801.19
MW - 9	03/13/15	3861.88	-	60.25	0.00	3801.63
MW - 9	03/17/15	3861.88	-	60.69	0.00	3801.19
MW - 9	04/01/15	3861.88	-	60.65	0.00	3801.23
MW - 9	04/09/15	3861.88	-	60.70	0.00	3801.18
MW - 9	04/15/15	3861.88	-	60.68	0.00	3801.20
MW - 9	04/28/15	3861.88	-	60.63	0.00	3801.25
MW - 9	04/17/15	3861.88	-	60.67	0.00	3801.21
MW - 9	05/19/15	3861.88	-	60.63	0.00	3801.25
MW - 9	06/02/15	3861.88	-	60.65	0.00	3801.23
MW - 9	06/11/15	3861.88	-	60.67	0.00	3801.21

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	06/17/15	3861.88	-	60.70	0.00	3801.18
MW - 9	06/25/15	3861.88	-	60.68	0.00	3801.20
MW - 9	07/01/15	3861.88	-	60.68	0.00	3801.20
MW - 9	07/08/15	3861.88	-	60.73	0.00	3801.15
MW - 9	07/15/15	3861.88	-	60.73	0.00	3801.15
MW - 9	07/22/15	3861.88	-	61.25	0.00	3800.63
MW - 9	07/29/15	3861.88	-	60.75	0.00	3801.13
MW - 9	07/31/15	3861.88	-	60.77	0.00	3801.11
MW - 9	08/06/15	3861.88	-	60.78	0.00	3801.10
MW - 9	08/12/15	3861.88	-	60.77	0.00	3801.11
MW - 9	08/17/15	3861.88	-	60.79	0.00	3801.09
MW - 9	08/19/15	3861.88	-	60.82	0.00	3801.06
MW - 9	08/27/15	3861.88	-	60.73	0.00	3801.15
MW - 9	09/03/15	3861.88	-	60.77	0.00	3801.11
MW - 9	09/09/15	3861.88	-	60.76	0.00	3801.12
MW - 9	09/11/15	3861.88	-	60.85	0.00	3801.03
MW - 9	09/15/15	3861.88	-	60.79	0.00	3801.09
MW - 9	09/22/15	3861.88	-	60.77	0.00	3801.11
MW - 9	09/30/15	3861.88	-	60.77	0.00	3801.11
MW - 9	10/06/15	3861.88	-	60.86	0.00	3801.02
MW - 9	10/13/15	3861.88	-	60.85	0.00	3801.03
MW - 9	10/22/15	3861.88	-	60.94	0.00	3800.94
MW - 9	10/27/15	3861.88	-	60.90	0.00	3800.98
MW - 9	11/11/15	3861.88	-	60.94	0.00	3800.94
MW - 9	11/18/15	3861.88	-	60.70	0.00	3801.18
MW - 9	12/03/15	3861.88	-	60.90	0.00	3800.98
MW - 9	12/10/15	3861.88	-	60.78	0.00	3801.10
MW - 9	12/22/15	3861.88	-	60.86	0.00	3801.02
MW - 9	01/08/16	3861.88	-	60.93	0.00	3800.95
MW - 9	01/14/16	3861.88	-	60.80	0.00	3801.08
MW - 9	01/28/16	3861.88	-	60.93	0.00	3800.95
MW - 9	02/02/16	3861.88	-	61.05	0.00	3800.83
MW - 9	02/09/16	3861.88	-	60.88	0.00	3801.00
MW - 9	03/02/16	3861.88	-	60.97	0.00	3800.91
MW - 9	03/09/16	3861.88	-	60.98	0.00	3800.90
MW - 9	03/17/16	3861.88	-	60.94	0.00	3800.94
MW - 9	04/06/16	3861.88	-	61.01	0.00	3800.87
MW - 9	04/13/16	3861.88	-	61.01	0.00	3800.87
MW - 9	04/20/16	3861.88	-	64.48	0.00	3797.40
MW - 9	04/27/16	3861.88	-	60.94	0.00	3800.94

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	04/28/16	3861.88	-	60.94	0.00	3800.94
MW - 9	05/05/16	3861.88	-	61.06	0.00	3800.82
MW - 9	05/10/16	3861.88	-	61.09	0.00	3800.79
MW - 9	06/08/16	3861.88	-	61.06	0.00	3800.82
MW - 9	06/15/16	3861.88	-	61.04	0.00	3800.84
MW - 9	06/21/16	3861.88	-	61.08	0.00	3800.80
MW - 9	06/30/16	3861.88	-	61.14	0.00	3800.74
MW - 9	07/01/16	3861.88	-	61.14	0.00	3800.74
MW - 9	07/15/16	3861.88	-	61.18	0.00	3800.70
MW - 9	07/21/16	3861.88	-	61.21	0.00	3800.67
MW - 9	07/28/16	3861.88	-	61.15	0.00	3800.73
MW - 9	08/02/16	3861.88	-	61.23	0.00	3800.65
MW - 9	08/09/16	3861.88	-	61.13	0.00	3800.75
MW - 9	08/16/16	3861.88	-	61.12	0.00	3800.76
MW - 9	08/25/16	3861.88	-	61.14	0.00	3800.74
MW - 9	09/08/16	3861.88	-	61.14	0.00	3800.74
MW - 9	9/14/16 -9/15/2016	3861.88	-	61.21	0.00	3800.67
MW - 9	09/22/16	3861.88	-	61.18	0.00	3800.70
MW - 9	09/29/16	3861.88	-	61.20	0.00	3800.68
MW - 9	10/13/16	3861.88	-	61.24	0.00	3800.64
MW - 9	10/20/16	3861.88	-	61.21	0.00	3800.67
MW - 9	10/27/16	3861.88	-	61.21	0.00	3800.67
MW - 9	11/10/16	3861.88	-	61.27	0.00	3800.61
MW - 9	11/16/16	3861.88	-	61.22	0.00	3800.66
MW - 9	12/09/16	3861.88	-	61.29	0.00	3800.59
MW - 9	12/14/16	3861.88	-	61.34	0.00	3800.54
MW - 9	01/05/17	3861.88	-	61.28	0.00	3800.60
MW - 9	01/12/17	3861.88	-	61.36	0.00	3800.52
MW - 9	01/19/17	3861.88	-	61.36	0.00	3800.52
MW - 9	01/20/17	3861.88	-	61.40	0.00	3800.48
MW - 9	01/25/17	3861.88	-	61.53	0.00	3800.35
MW - 9	02/02/17	3861.88	-	61.48	0.00	3800.40
MW - 9	02/09/17	3861.88	-	61.38	0.00	3800.50
MW - 9	02/22/17	3861.88	-	61.49	0.00	3800.39
MW - 9	03/09/17	3861.88	-	61.55	0.00	3800.33
MW - 9	03/16/17	3861.88	-	61.51	0.00	3800.37
MW - 9	03/30/17	3861.88	-	61.53	0.00	3800.35
MW - 9	04/06/17	3861.88	-	61.59	0.00	3800.29
MW - 9	04/12/17	3861.88	-	63.59	0.00	3798.29
MW - 9	05/03/17	3861.88	-	61.62	0.00	3800.26

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	05/17/17	3861.88	-	61.66	0.00	3800.22
MW - 9	05/26/17	3861.88	-	61.60	0.00	3800.28
MW - 9	06/08/17	3861.88	-	61.65	0.00	3800.23
MW - 9	06/09/17	3861.88	-	61.69	0.00	3800.19
MW - 9	06/30/17	3861.88	-	61.74	0.00	3800.14
MW - 9	07/06/17	3861.88	-	61.76	0.00	3800.12
MW - 9	07/19/17	3861.88	-	61.63	0.00	3800.25
MW - 9	07/23/17	3861.88	-	61.75	0.00	3800.13
MW - 9	07/26/17	3861.88	-	61.63	0.00	3800.25
MW - 9	08/23/17	3861.88	-	61.78	0.00	3800.10
MW - 9	10/10/17	3861.88	-	61.82	0.00	3800.06
MW - 9	11/29/17	3861.88	-	61.84	0.00	3800.04
MW - 9	01/08/18	3861.88	-	61.90	0.00	3799.98
MW - 9	01/18/18	3861.88	-	61.95	0.00	3799.93
MW - 9	02/14/18	3861.88	-	62.00	0.00	3799.88
MW - 9	04/30/18	3861.88	-	62.18	0.00	3799.70
MW - 9	05/03/18	3861.88	-	62.12	0.00	3799.76
MW - 9	05/17/18	3861.88	-	62.08	0.00	3799.80
MW - 9	07/05/18	3861.88	-	62.28	0.00	3799.60
MW - 9	07/06/18	3861.88	-	62.28	0.00	3799.60
MW - 9	07/26/18	3861.88	-	62.32	0.00	3799.56
MW - 9	08/16/18	3861.88	-	62.29	0.00	3799.59
MW - 9	11/16/18	3861.88	-	62.39	0.00	3799.49
MW - 9	11/29/18	3861.88	-	62.32	0.00	3799.56
MW - 9	12/06/18	3861.88	-	62.41	0.00	3799.47
MW - 9	12/11/18	3861.88	-	62.45	0.00	3799.43
MW - 9	01/04/19	3861.88	-	62.46	0.00	3799.42
MW - 9	01/17/19	3861.88	-	62.49	0.00	3799.39
MW - 9	01/24/19	3861.88	-	62.53	0.00	3799.35
MW - 9	02/21/19	3861.88	-	62.54	0.00	3799.34
MW - 9	04/04/19	3861.88	-	62.59	0.00	3799.29
MW - 9	05/30/19	3861.88	-	62.67	0.00	3799.21
MW - 9	08/28/19	3861.88	-	62.79	0.00	3799.09
MW - 9	10/31/19	3861.88	-	63.01	0.00	3798.87
MW - 9	03/18/20	3861.88	-	63.18	0.00	3798.70
MW - 9	05/13/20	3861.88	-	63.29	0.00	3798.59
MW - 9	06/10/20	3861.88	-	63.35	0.00	3798.53
MW - 9	07/16/20	3861.88	-	63.39	0.00	3798.49
MW - 9	08/26/20	3861.88	-	63.45	0.00	3798.43
MW - 9	12/18/20	3861.88	-	63.54	0.00	3798.34

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	01/28/21	3861.88	-	63.58	0.00	3798.30
MW - 9	03/24/21	3861.88	-	63.67	0.00	3798.21
MW - 9	06/23/21	3861.88	-	63.85	0.00	3798.03
MW - 9	07/22/21	3861.88	-	63.84	0.00	3798.04
MW - 9	08/05/21	3861.88	-	63.85	0.00	3798.03
MW - 9	08/20/21	3861.88	-	63.87	0.00	3798.01
MW - 9	09/09/21	3861.88	-	63.87	0.00	3798.01
MW - 9	10/26/21	3861.88	-	63.89	0.00	3797.99
MW - 9	12/14/21	3861.88	-	64.01	0.00	3797.87
MW - 10	03/24/00	3860.58	-	58.68	0.00	3801.90
MW - 10	06/14/00	3860.58	-	59.20	0.00	3801.38
MW - 10	09/22/00	3860.58	-	58.29	0.00	3802.29
MW - 10	12/28/00	3860.58	-	58.47	0.00	3802.11
MW - 10	03/14/01	3860.58	-	58.59	0.00	3801.99
MW - 10	06/06/01	3860.58	-	58.70	0.00	3801.88
MW - 10	09/28/01	3860.58	-	58.82	0.00	3801.76
MW - 10	11/17/01	3860.58	-	59.06	0.00	3801.52
MW - 10	03/26/02	3860.58	-	59.34	0.00	3801.24
MW - 10	06/26/02	3860.58	-	59.24	0.00	3801.34
MW - 10	09/25/02	3860.58	-	59.41	0.00	3801.17
MW - 10	12/10/02	3860.58	-	59.40	0.00	3801.18
MW - 10	03/10/03	3860.58	-	59.47	0.00	3801.11
MW - 10	06/09/03	3860.58	-	59.56	0.00	3801.02
MW - 10	09/03/03	3860.58	-	59.65	0.00	3800.93
MW - 10	12/08/03	3860.58	-	59.76	0.00	3800.82
MW - 10	03/01/04	3860.58	-	59.88	0.00	3800.70
MW - 10	05/19/04	3860.58	-	59.83	0.00	3800.75
MW - 10	08/26/04	3860.58	-	59.96	0.00	3800.62
MW - 10	12/09/04	3860.58	-	58.61	0.00	3801.97
MW - 10	03/17/05	3860.58	-	58.70	0.00	3801.88
MW - 10	06/15/05	3860.58	-	58.98	0.00	3801.60
MW - 10	09/14/05	3860.58	-	59.23	0.00	3801.35
MW - 10	12/13/05	3860.58	-	59.47	0.00	3801.11
MW - 10	03/15/06	3860.58	-	59.69	0.00	3800.89
MW - 10	06/14/06	3860.58	-	59.88	0.00	3800.70
MW - 10	09/13/06	3860.58	-	60.00	0.00	3800.58
MW - 10	12/06/06	3860.58	-	60.11	0.00	3800.47
MW - 10	03/01/07	3860.58	-	60.17	0.00	3800.41
MW - 10	05/24/07	3860.58	-	60.26	0.00	3800.32

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	08/23/07	3860.58	-	60.31	0.00	3800.27
MW - 10	11/08/07	3860.58	-	60.39	0.00	3800.19
MW - 10	03/04/08	3860.58	-	60.50	0.00	3800.08
MW - 10	06/11/08	3860.58	-	60.55	0.00	3800.03
MW - 10	09/09/08	3860.58	-	60.67	0.00	3799.91
MW - 10	12/11/08	3860.58	-	60.78	0.00	3799.80
MW - 10	02/26/09	3860.58	-	60.85	0.00	3799.73
MW - 10	05/21/09	3860.58	-	60.91	0.00	3799.67
MW - 10	08/18/09	3860.58	-	60.92	0.00	3799.66
MW - 10	12/09/09	3860.58	-	61.01	0.00	3799.57
MW - 10	01/06/10	3860.58	-	61.02	0.00	3799.56
MW - 10	02/22/10	3860.58	-	61.06	0.00	3799.52
MW - 10	06/04/10	3860.58	-	61.16	0.00	3799.42
MW - 10	08/26/10	3860.58	-	61.18	0.00	3799.40
MW - 10	11/30/10	3860.58	-	61.00	0.00	3799.58
MW - 10	03/08/11	3860.58	-	61.02	0.00	3799.56
MW - 10	05/25/11	3860.58	-	61.01	0.00	3799.57
MW - 10	08/19/11	3860.58	-	61.39	0.00	3799.19
MW - 10	11/15/11	3860.58	-	61.40	0.00	3799.18
MW - 10	11/30/11	3860.58	-	61.43	0.00	3799.15
MW - 10	02/29/12	3860.58	-	61.57	0.00	3799.01
MW - 10	03/09/12	3860.58	-	61.61	0.00	3798.97
MW - 10	05/01/12	3860.58	-	61.64	0.00	3798.94
MW - 10	08/10/12	3860.58	-	62.00	0.00	3798.58
MW - 10	11/27/12	3860.58	-	61.91	0.00	3798.67
MW - 10	02/21/13	3860.58	-	62.00	0.00	3798.58
MW - 10	05/15/13	3860.58	-	62.08	0.00	3798.50
MW - 10	08/21/13	3860.58	-	62.17	0.00	3798.41
MW - 10	11/11/13	3860.58	-	62.25	0.00	3798.33
MW - 10	02/20/14	3860.58	-	63.34	0.00	3797.24
MW - 10	05/20/14	3860.58	-	62.42	0.00	3798.16
MW - 10	07/29/14	3860.58	-	62.48	0.00	3798.10
MW - 10	08/19/14	3860.58	-	62.49	0.00	3798.09
MW - 10	10/30/14	3860.58	-	62.51	0.00	3798.07
MW - 10	11/24/14	3860.58	-	62.53	0.00	3798.05
MW - 10	02/11/15	3860.58	-	62.58	0.00	3798.00
MW - 10	03/11/15	3860.58	-	62.60	0.00	3797.98
MW - 10	04/17/15	3860.58	-	60.39	0.00	3800.19
MW - 10	05/19/15	3860.58	-	62.64	0.00	3797.94
MW - 10	07/31/15	3860.58	-	62.73	0.00	3797.85

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	08/12/15	3860.58	-	62.74	0.00	3797.84
MW - 10	09/11/15	3860.58	-	62.78	0.00	3797.80
MW - 10	11/11/15	3860.58	-	62.83	0.00	3797.75
MW - 10	02/02/16	3860.58	-	62.89	0.00	3797.69
MW - 10	04/28/16	3860.58	-	62.96	0.00	3797.62
MW - 10	05/10/16	3860.58	-	62.97	0.00	3797.61
MW - 10	07/01/16	3860.58	-	63.04	0.00	3797.54
MW - 10	07/29/16	3860.58	-	63.06	0.00	3797.52
MW - 10	08/09/16	3860.58	-	63.04	0.00	3797.54
MW - 10	09/15/16	3860.58	-	63.09	0.00	3797.49
MW - 10	11/16/16	3860.58	-	63.18	0.00	3797.40
MW - 10	12/14/16	3860.58	-	63.25	0.00	3797.33
MW - 10	01/20/17	3860.58	-	63.26	0.00	3797.32
MW - 10	02/21/17	3860.58	-	63.30	0.00	3797.28
MW - 10	05/16/17	3860.58	-	63.42	0.00	3797.16
MW - 10	06/09/17	3860.58	-	63.49	0.00	3797.09
MW - 10	07/26/17	3860.58	-	63.49	0.00	3797.09
MW - 10	08/22/17	3860.58	-	63.62	0.00	3796.96
MW - 10	10/10/17	3860.58	-	63.71	0.00	3796.87
MW - 10	11/28/17	3860.58	-	63.77	0.00	3796.81
MW - 10	01/08/18	3860.58	-	63.85	0.00	3796.73
MW - 10	02/13/18	3860.58	-	63.89	0.00	3796.69
MW - 10	04/30/18	3860.58	-	64.03	0.00	3796.55
MW - 10	05/16/18	3860.58	-	64.04	0.00	3796.54
MW - 10	07/05/18	3860.58	-	64.14	0.00	3796.44
MW - 10	07/26/18	3860.58	-	64.16	0.00	3796.42
MW - 10	08/15/18	3860.58	-	64.19	0.00	3796.39
MW - 10	11/27/18	3860.58	-	64.36	0.00	3796.22
MW - 10	12/27/18	3860.58	-	64.42	0.00	3796.16
MW - 10	01/17/19	3860.58	-	64.46	0.00	3796.12
MW - 10	02/20/19	3860.58	-	64.50	0.00	3796.08
MW - 10	04/04/19	3860.58	-	64.58	0.00	3796.00
MW - 10	05/29/19	3860.58	-	64.64	0.00	3795.94
MW - 10	08/27/19	3860.58	-	64.79	0.00	3795.79
MW - 10	10/30/19	3860.58	-	64.93	0.00	3795.65
MW - 10	03/17/20	3860.58	-	65.20	0.00	3795.38
MW - 10	05/13/20	3860.58	-	65.34	0.00	3795.24
MW - 10	06/09/20	3860.58	-	65.39	0.00	3795.19
MW - 10	07/16/20	3860.58	-	65.44	0.00	3795.14
MW - 10	08/26/20	3860.58	-	65.49	0.00	3795.09

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	12/17/20	3860.58	-	65.66	0.00	3794.92
MW - 10	01/28/21	3860.58	-	65.74	0.00	3794.84
MW - 10	03/23/21	3860.58	-	65.84	0.00	3794.74
MW - 10	06/23/21	3860.58	-	65.99	0.00	3794.59
MW - 10	07/22/21	3860.58	-	66.05	0.00	3794.53
MW - 10	09/10/21	3860.58	-	66.14	0.00	3794.44
MW - 10	10/26/21	3860.58	-	66.21	0.00	3794.37
MW - 10	12/15/21	3860.58	-	66.30	0.00	3794.28
MW - 11	03/24/00	3860.00	-	58.11	0.00	3801.89
MW - 11	06/14/00	3860.00	-	58.59	0.00	3801.41
MW - 11	09/22/00	3860.00	-	57.75	0.00	3802.25
MW - 11	12/28/00	3860.00	-	57.94	0.00	3802.06
MW - 11	03/14/01	3860.00	-	58.05	0.00	3801.95
MW - 11	06/06/01	3860.00	-	58.18	0.00	3801.82
MW - 11	09/28/01	3860.00	-	58.29	0.00	3801.71
MW - 11	11/17/01	3860.00	-	58.56	0.00	3801.44
MW - 11	03/26/02	3860.00	-	58.78	0.00	3801.22
MW - 11	06/26/02	3860.00	-	58.69	0.00	3801.31
MW - 11	09/25/02	3860.00	-	58.85	0.00	3801.15
MW - 11	12/10/02	3860.00	-	58.86	0.00	3801.14
MW - 11	03/10/03	3860.00	-	58.93	0.00	3801.07
MW - 11	06/09/03	3860.00	-	59.03	0.00	3800.97
MW - 11	09/03/03	3860.00	-	59.21	0.00	3800.79
MW - 11	12/08/03	3860.00	-	59.23	0.00	3800.77
MW - 11	03/01/04	3860.00	-	59.33	0.00	3800.67
MW - 11	05/19/04	3860.00	-	59.28	0.00	3800.72
MW - 11	08/26/04	3860.00	-	59.44	0.00	3800.56
MW - 11	12/09/04	3860.00	-	58.25	0.00	3801.75
MW - 11	03/17/05	3860.00	-	58.25	0.00	3801.75
MW - 11	06/15/05	3860.00	-	58.50	0.00	3801.50
MW - 11	09/14/05	3860.00	-	58.73	0.00	3801.27
MW - 11	12/13/05	3860.00	-	59.00	0.00	3801.00
MW - 11	03/15/06	3860.00	-	59.22	0.00	3800.78
MW - 11	06/14/06	3860.00	-	59.38	0.00	3800.62
MW - 11	09/13/06	3860.00	-	59.50	0.00	3800.50
MW - 11	12/06/06	3860.00	-	59.59	0.00	3800.41
MW - 11	03/01/07	3860.00	-	59.67	0.00	3800.33
MW - 11	05/24/07	3860.00	-	59.73	0.00	3800.27
MW - 11	08/23/07	3860.00	-	59.81	0.00	3800.19

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	11/08/07	3860.00	-	59.87	0.00	3800.13
MW - 11	03/04/08	3860.00	-	59.97	0.00	3800.03
MW - 11	06/11/08	3860.00	-	60.05	0.00	3799.95
MW - 11	09/09/08	3860.00	-	60.16	0.00	3799.84
MW - 11	12/11/08	3860.00	-	60.29	0.00	3799.71
MW - 11	02/26/09	3860.00	-	60.32	0.00	3799.68
MW - 11	05/22/09	3860.00	-	60.46	0.00	3799.54
MW - 11	08/18/09	3860.00	-	60.42	0.00	3799.58
MW - 11	12/10/09	3860.00	-	60.49	0.00	3799.51
MW - 11	01/06/10	3860.00	-	60.51	0.00	3799.49
MW - 11	02/22/10	3860.00	-	60.56	0.00	3799.44
MW - 11	05/06/10	3860.00	-	60.51	0.00	3799.49
MW - 11	05/13/10	3860.00	-	60.53	0.00	3799.47
MW - 11	05/19/10	3860.00	-	60.54	0.00	3799.46
MW - 11	06/04/10	3860.00	-	60.64	0.00	3799.36
MW - 11	08/26/10	3860.00	-	60.67	0.00	3799.33
MW - 11	11/30/10	3860.00	-	60.51	0.00	3799.49
MW - 11	03/08/11	3860.00	-	60.50	0.00	3799.50
MW - 11	05/25/11	3860.00	-	60.51	0.00	3799.49
MW - 11	08/19/11	3860.00	60.56	62.40	1.84	3799.16
MW - 11	09/06/11	3860.00	60.50	62.95	2.45	3799.13
MW - 11	09/13/11	3860.00	60.60	62.42	1.82	3799.13
MW - 11	10/13/11	3860.00	60.55	62.78	2.23	3799.12
MW - 11	11/15/11	3860.00	60.63	63.33	2.70	3798.97
MW - 11	11/30/11	3860.00	60.51	63.45	2.94	3799.05
MW - 11	01/24/12	3860.00	60.55	63.59	3.04	3798.99
MW - 11	01/31/12	3860.00	60.62	63.31	2.69	3798.98
MW - 11	02/08/12	3860.00	60.67	63.59	2.92	3798.89
MW - 11	02/29/12	3860.00	60.63	63.65	3.02	3798.92
MW - 11	03/09/12	3860.00	60.72	63.38	2.66	3798.88
MW - 11	03/16/12	3860.00	60.67	63.57	2.90	3798.90
MW - 11	03/21/12	3860.00	60.79	63.06	2.27	3798.87
MW - 11	03/28/12	3860.00	60.75	63.25	2.50	3798.88
MW - 11	04/04/12	3860.00	60.74	63.27	2.53	3798.88
MW - 11	04/11/12	3860.00	59.77	63.33	3.56	3799.70
MW - 11	04/18/12	3860.00	60.78	63.33	2.55	3798.84
MW - 11	04/25/12	3860.00	60.77	63.26	2.49	3798.86
MW - 11	05/01/12	3860.00	60.71	63.43	2.72	3798.88
MW - 11	05/09/12	3860.00	60.77	63.26	2.49	3798.86
MW - 11	06/07/12	3860.00	60.74	63.84	3.10	3798.80

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	06/20/12	3860.00	60.75	63.91	3.16	3798.78
MW - 11	06/27/12	3860.00	60.77	63.87	3.10	3798.77
MW - 11	07/11/12	3860.00	60.80	63.96	3.16	3798.73
MW - 11	08/10/12	3860.00	61.06	63.78	2.72	3798.53
MW - 11	09/06/12	3860.00	60.84	64.04	3.20	3798.68
MW - 11	10/04/12	3860.00	60.97	64.22	3.25	3798.54
MW - 11	10/12/12	3860.00	61.01	63.66	2.65	3798.59
MW - 11	10/18/12	3860.00	60.96	63.97	3.01	3798.59
MW - 11	10/25/12	3860.00	61.05	63.49	2.44	3798.58
MW - 11	10/31/12	3860.00	61.01	63.65	2.64	3798.59
MW - 11	11/15/12	3860.00	61.19	62.81	1.62	3798.57
MW - 11	11/27/12	3860.00	61.04	63.81	2.77	3798.54
MW - 11	12/19/12	3860.00	60.97	64.29	3.32	3798.53
MW - 11	01/17/13	3860.00	61.01	64.23	3.22	3798.51
MW - 11	01/31/13	3860.00	61.02	64.33	3.31	3798.48
MW - 11	02/21/13	3860.00	61.03	64.38	3.35	3798.47
MW - 11	03/05/13	3860.00	61.05	64.38	3.33	3798.45
MW - 11	03/21/13	3860.00	61.03	64.37	3.34	3798.47
MW - 11	04/04/13	3860.00	61.08	64.44	3.36	3798.42
MW - 11	04/11/13	3860.00	61.43	62.33	0.90	3798.44
MW - 11	04/18/13	3860.00	61.29	63.40	2.11	3798.39
MW - 11	04/25/13	3860.00	61.17	63.96	2.79	3798.41
MW - 11	05/01/13	3860.00	61.14	64.38	3.24	3798.37
MW - 11	05/10/13	3860.00	61.15	64.13	2.98	3798.40
MW - 11	05/15/13	3860.00	61.20	63.98	2.78	3798.38
MW - 11	05/24/13	3860.00	61.13	64.45	3.32	3798.37
MW - 11	05/30/13	3860.00	61.22	64.00	2.78	3798.36
MW - 11	06/06/13	3860.00	61.18	64.21	3.03	3798.37
MW - 11	06/14/13	3860.00	61.17	64.35	3.18	3798.35
MW - 11	06/20/13	3860.00	61.30	63.64	2.34	3798.35
MW - 11	06/27/13	3860.00	61.24	63.85	2.61	3798.37
MW - 11	07/03/13	3860.00	61.24	64.05	2.81	3798.34
MW - 11	07/10/13	3860.00	61.27	63.84	2.57	3798.34
MW - 11	07/25/13	3860.00	61.18	64.47	3.29	3798.33
MW - 11	07/31/13	3860.00	61.19	64.45	3.26	3798.32
MW - 11	08/20/13	3860.00	61.17	64.67	3.50	3798.31
MW - 11	08/29/13	3860.00	61.16	64.62	3.46	3798.32
MW - 11	09/09/13	3860.00	61.20	64.59	3.39	3798.29
MW - 11	09/18/13	3860.00	61.22	64.57	3.35	3798.28
MW - 11	09/27/13	3860.00	61.22	64.52	3.30	3798.29

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	10/02/13	3860.00	61.28	64.42	3.14	3798.25
MW - 11	10/08/13	3860.00	61.22	64.42	3.20	3798.30
MW - 11	10/16/13	3860.00	61.61	63.08	1.47	3798.17
MW - 11	10/24/13	3860.00	61.18	64.63	3.45	3798.30
MW - 11	10/31/13	3860.00	61.22	64.53	3.31	3798.28
MW - 11	11/11/13	3860.00	61.42	66.64	5.22	3797.80
MW - 11	12/11/13	3860.00	61.27	64.73	3.46	3798.21
MW - 11	12/17/13	3860.00	61.28	64.81	3.53	3798.19
MW - 11	01/03/14	3860.00	61.31	64.84	3.53	3798.16
MW - 11	01/09/14	3860.00	61.90	64.70	2.80	3797.68
MW - 11	01/15/14	3860.00	61.24	64.70	3.46	3798.24
MW - 11	01/22/14	3860.00	61.29	64.80	3.51	3798.18
MW - 11	01/29/14	3860.00	61.29	64.82	3.53	3798.18
MW - 11	02/20/14	3860.00	61.28	64.87	3.59	3798.18
MW - 11	03/04/14	3860.00	61.28	64.84	3.56	3798.19
MW - 11	03/11/14	3860.00	61.34	64.92	3.58	3798.12
MW - 11	03/18/14	3860.00	61.33	64.93	3.60	3798.13
MW - 11	03/29/14	3860.00	61.35	64.92	3.57	3798.11
MW - 11	04/01/14	3860.00	61.43	64.48	3.05	3798.11
MW - 11	04/08/14	3860.00	61.35	64.82	3.47	3798.13
MW - 11	04/18/14	3860.00	61.35	64.93	3.58	3798.11
MW - 11	04/23/14	3860.00	61.41	64.69	3.28	3798.10
MW - 11	05/05/14	3860.00	61.35	64.95	3.60	3798.11
MW - 11	05/16/14	3860.00	61.36	64.96	3.60	3798.10
MW - 11	05/20/14	3860.00	61.54	64.48	2.94	3798.02
MW - 11	05/30/14	3860.00	61.47	64.97	3.50	3798.01
MW - 11	06/18/14	3860.00	61.40	65.05	3.65	3798.05
MW - 11	06/27/14	3860.00	61.46	65.09	3.63	3798.00
MW - 11	07/02/14	3860.00	61.44	65.00	3.56	3798.03
MW - 11	07/10/14	3860.00	61.42	65.03	3.61	3798.04
MW - 11	07/29/14	3860.00	61.45	64.90	3.45	3798.03
MW - 11	07/30/14	3860.00	61.45	64.90	3.45	3798.03
MW - 11	08/08/14	3860.00	61.44	65.08	3.64	3798.01
MW - 11	08/19/14	3860.00	61.44	65.08	3.64	3798.01
MW - 11	09/04/14	3860.00	61.50	65.20	3.70	3797.95
MW - 11	09/11/14	3860.00	61.53	65.03	3.50	3797.95
MW - 11	10/16/14	3860.00	61.44	65.12	3.68	3798.01
MW - 11	10/22/14	3860.00	61.50	64.90	3.40	3797.99
MW - 11	10/23/14	3860.00	61.50	64.90	3.40	3797.99
MW - 11	11/24/14	3860.00	61.52	65.21	3.69	3797.93

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	12/05/14	3860.00	61.53	65.26	3.73	3797.91
MW - 11	12/12/14	3860.00	61.52	65.29	3.77	3797.91
MW - 11	12/19/14	3860.00	61.53	65.11	3.58	3797.93
MW - 11	01/07/15	3860.00	61.56	65.25	3.69	3797.89
MW - 11	02/05/15	3860.00	61.54	65.26	3.72	3797.90
MW - 11	02/11/15	3860.00	61.64	64.73	3.09	3797.90
MW - 11	02/20/15	3860.00	61.55	65.27	3.72	3797.89
MW - 11	03/06/15	3860.00	61.59	65.26	3.67	3797.86
MW - 11	03/11/15	3860.00	61.67	64.75	3.08	3797.87
MW - 11	03/13/15	3860.00	61.62	64.96	3.34	3797.88
MW - 11	03/17/15	3860.00	61.71	64.53	2.82	3797.87
MW - 11	04/01/15	3860.00	61.60	65.24	3.64	3797.85
MW - 11	04/09/15	3860.00	61.67	64.94	3.27	3797.84
MW - 11	04/15/15	3860.00	61.69	64.74	3.05	3797.85
MW - 11	04/17/15	3860.00	61.90	63.87	1.97	3797.80
MW - 11	04/28/15	3860.00	61.65	65.11	3.46	3797.83
MW - 11	05/19/15	3860.00	61.63	65.35	3.72	3797.81
MW - 11	06/02/15	3860.00	61.64	65.44	3.80	3797.79
MW - 11	06/11/15	3860.00	61.71	65.02	3.31	3797.79
MW - 11	06/17/15	3860.00	61.75	64.79	3.04	3797.79
MW - 11	06/25/15	3860.00	61.73	64.93	3.20	3797.79
MW - 11	07/01/15	3860.00	61.77	64.81	3.04	3797.77
MW - 11	07/08/15	3860.00	61.76	64.94	3.18	3797.76
MW - 11	07/15/15	3860.00	61.76	64.96	3.20	3797.76
MW - 11	07/22/15	3860.00	61.62	65.42	3.80	3797.81
MW - 11	07/29/15	3860.00	61.68	65.49	3.81	3797.75
MW - 11	07/31/15	3860.00	61.93	63.96	2.03	3797.77
MW - 11	08/06/15	3860.00	61.82	64.79	2.97	3797.73
MW - 11	08/12/15	3860.00	61.74	65.19	3.45	3797.74
MW - 11	08/17/15	3860.00	61.77	64.75	2.98	3797.78
MW - 11	08/19/15	3860.00	61.75	65.72	3.97	3797.65
MW - 11	08/27/15	3860.00	61.74	65.23	3.49	3797.74
MW - 11	09/03/15	3860.00	61.77	65.15	3.38	3797.72
MW - 11	09/09/15	3860.00	61.92	64.94	3.02	3797.63
MW - 11	09/11/15	3860.00	61.99	64.04	2.05	3797.70
MW - 11	09/15/15	3860.00	61.85	64.83	2.98	3797.70
MW - 11	09/22/15	3860.00	61.85	64.90	3.05	3797.69
MW - 11	09/30/15	3860.00	61.83	65.08	3.25	3797.68
MW - 11	10/06/15	3860.00	61.89	64.73	2.84	3797.68
MW - 11	10/13/15	3860.00	61.87	65.01	3.14	3797.66

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	10/27/15	3860.00	61.80	65.36	3.56	3797.67
MW - 11	11/11/15	3860.00	61.80	65.57	3.77	3797.63
MW - 11	11/18/15	3860.00	61.89	65.58	3.69	3797.56
MW - 11	12/03/15	3860.00	61.85	65.65	3.80	3797.58
MW - 11	12/10/15	3860.00	61.89	65.18	3.29	3797.62
MW - 11	12/22/15	3860.00	61.82	65.50	3.68	3797.63
MW - 11	01/08/16	3860.00	61.83	65.65	3.82	3797.60
MW - 11	01/14/16	3860.00	61.80	65.71	3.91	3797.61
MW - 11	01/28/16	3860.00	61.85	65.67	3.82	3797.58
MW - 11	02/02/16	3860.00	62.03	64.80	2.77	3797.55
MW - 11	02/09/16	3860.00	61.83	65.63	3.80	3797.60
MW - 11	03/02/16	3860.00	61.87	65.74	3.87	3797.55
MW - 11	03/09/16	3860.00	61.96	65.30	3.34	3797.54
MW - 11	03/17/16	3860.00	61.90	65.69	3.79	3797.53
MW - 11	04/06/16	3860.00	61.92	65.79	3.87	3797.50
MW - 11	04/13/16	3860.00	62.02	65.09	3.07	3797.52
MW - 11	04/20/16	3860.00	62.01	65.28	3.27	3797.50
MW - 11	04/27/16	3860.00	61.95	65.66	3.71	3797.49
MW - 11	04/28/16	3860.00	61.95	65.66	3.71	3797.49
MW - 11	05/05/16	3860.00	62.02	65.25	3.23	3797.50
MW - 11	05/10/16	3860.00	62.06	64.90	2.84	3797.51
MW - 11	06/08/16	3860.00	61.94	65.91	3.97	3797.46
MW - 11	06/15/16	3860.00	61.94	65.90	3.96	3797.47
MW - 11	06/21/16	3860.00	61.96	65.96	4.00	3797.44
MW - 11	06/30/16	3860.00	62.01	64.22	2.21	3797.66
MW - 11	07/01/16	3860.00	62.01	64.22	2.21	3797.66
MW - 11	07/07/16	3860.00	62.09	65.35	3.26	3797.42
MW - 11	07/15/16	3860.00	62.11	65.45	3.34	3797.39
MW - 11	07/21/16	3860.00	62.11	65.21	3.10	3797.43
MW - 11	07/28/16	3860.00	62.11	65.30	3.19	3797.41
MW - 11	08/02/16	3860.00	62.15	65.02	2.87	3797.42
MW - 11	08/09/16	3860.00	62.07	65.17	3.10	3797.47
MW - 11	08/12/16	3860.00	62.05	65.75	3.70	3797.40
MW - 11	08/16/16	3860.00	62.21	64.88	2.67	3797.39
MW - 11	08/25/16	3860.00	62.11	65.51	3.40	3797.38
MW - 11	09/01/16	3860.00	62.13	65.31	3.18	3797.39
MW - 11	09/08/16	3860.00	62.07	65.76	3.69	3797.38
MW - 11	9/14/16 -9/15/2016	3860.00	62.17	65.25	3.08	3797.37
MW - 11	09/22/16	3860.00	62.16	65.49	3.33	3797.34
MW - 11	09/29/16	3860.00	62.21	65.34	3.13	3797.32

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	10/06/16	3860.00	62.19	65.40	3.21	3797.33
MW - 11	10/13/16	3860.00	62.19	65.45	3.26	3797.32
MW - 11	10/20/16	3860.00	62.22	65.35	3.13	3797.31
MW-11	10/27/16	3860.00	62.23	65.35	3.12	3797.30
MW-11	11/10/16	3860.00	62.20	65.74	3.54	3797.27
MW-11	11/16/16	3860.00	62.17	65.93	3.76	3797.27
MW-11	11/23/16	3860.00	62.17	65.98	3.81	3797.26
MW-11	12/09/16	3860.00	62.21	65.85	3.64	3797.24
MW-11	12/14/16	3860.00	62.22	65.99	3.77	3797.21
MW-11	12/28/16	3860.00	62.21	66.17	3.96	3797.20
MW-11	01/05/17	3860.00	62.31	65.63	3.32	3797.19
MW-11	01/12/17	3860.00	62.37	65.45	3.08	3797.17
MW-11	01/19/17	3860.00	62.36	65.47	3.11	3797.17
MW-11	01/20/17	3860.00	62.36	65.47	3.11	3797.17
MW-11	01/25/17	3860.00	62.41	65.22	2.81	3797.17
MW-11	02/02/17	3860.00	62.38	65.43	3.05	3797.16
MW-11	02/09/17	3860.00	62.41	65.23	2.82	3797.17
MW-11	02/17/17	3860.00	62.39	65.58	3.19	3797.13
MW-11	02/22/17	3860.00	62.47	65.15	2.68	3797.13
MW-11	03/02/17	3860.00	62.38	65.78	3.40	3797.11
MW-11	03/09/17	3860.00	62.44	65.35	2.91	3797.12
MW-11	03/16/17	3860.00	62.49	65.42	2.93	3797.07
MW-11	03/23/17	3860.00	62.45	65.36	2.91	3797.11
MW-11	03/30/17	3860.00	62.50	65.37	2.87	3797.07
MW-11	04/06/17	3860.00	62.51	65.35	2.84	3797.06
MW-11	04/12/17	3860.00	62.53	65.26	2.73	3797.06
MW-11	04/20/17	3860.00	62.51	65.54	3.03	3797.04
MW-11	04/27/17	3860.00	62.54	65.33	2.79	3797.04
MW-11	05/03/17	3860.00	62.25	64.06	1.81	3797.48
MW-11	05/10/17	3860.00	62.56	65.46	2.90	3797.01
MW-11	05/17/17	3860.00	62.58	65.33	2.75	3797.01
MW-11	05/26/17	3860.00	62.53	65.92	3.39	3796.96
MW-11	06/02/17	3860.00	62.57	65.59	3.02	3796.98
MW-11	06/08/17	3860.00	62.51	65.97	3.46	3796.97
MW-11	06/09/17	3860.00	62.51	65.95	3.44	3796.97
MW-11	06/14/17	3860.00	62.63	65.44	2.81	3796.95
MW-11	06/21/17	3860.00	62.55	65.96	3.41	3796.94
MW-11	06/27/17	3860.00	62.66	65.55	2.89	3796.91
MW-11	06/30/17	3860.00	62.85	64.55	1.70	3796.90
MW-11	07/06/17	3860.00	62.68	65.40	2.72	3796.91

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-11	07/13/17	3860.00	62.67	65.63	2.96	3796.89
MW-11	07/19/17	3860.00	62.71	65.32	2.61	3796.90
MW-11	07/23/17	3860.00	62.80	64.81	2.01	3796.90
MW-11	07/26/17	3860.00	62.63	63.39	0.76	3797.26
MW-11	08/09/17	3860.00	62.64	66.11	3.47	3796.84
MW-11	08/16/17	3860.00	62.72	65.56	2.84	3796.85
MW-11	08/23/17	3860.00	62.72	65.63	2.91	3796.84
MW-11	08/31/17	3860.00	62.65	66.10	3.45	3796.83
MW-11	09/05/17	3860.00	62.79	65.52	2.73	3796.80
MW-11	09/13/17	3860.00	62.71	65.83	3.12	3796.82
MW-11	09/18/17	3860.00	62.82	65.41	2.59	3796.79
MW-11	09/20/17	3860.00	62.95	64.52	1.57	3796.81
MW-11	09/28/17	3860.00	62.99	64.52	1.53	3796.78
MW-11	10/03/17	3860.00	62.89	65.30	2.41	3796.75
MW-11	10/05/17	3860.00	63.02	64.49	1.47	3796.76
MW-11	10/10/17	3860.00	62.87	65.23	2.36	3796.78
MW-11	10/12/17	3860.00	63.05	64.38	1.33	3796.75
MW-11	10/17/17	3860.00	62.87	65.32	2.45	3796.76
MW-11	10/19/17	3860.00	63.07	64.39	1.32	3796.73
MW-11	10/25/17	3860.00	62.82	65.50	2.68	3796.78
MW-11	10/31/17	3860.00	62.89	65.49	2.60	3796.72
MW-11	11/02/17	3860.00	63.04	64.52	1.48	3796.74
MW-11	11/06/17	3860.00	62.97	65.10	2.13	3796.71
MW-11	11/17/17	3860.00	62.82	65.98	3.16	3796.71
MW-11	11/22/17	3860.00	62.80	65.99	3.19	3796.72
MW-11	11/29/17	3860.00	62.80	66.43	3.63	3796.66
MW-11	12/11/17	3860.00	62.79	66.64	3.85	3796.63
MW-11	12/20/17	3860.00	62.91	66.07	3.16	3796.62
MW-11	12/28/17	3860.00	62.94	65.86	2.92	3796.62
MW-11	01/08/18	3860.00	63.07	65.16	2.09	3796.62
MW-11	01/15/18	3860.00	63.12	65.23	2.11	3796.56
MW-11	01/18/18	3860.00	63.12	64.97	1.85	3796.60
MW-11	01/22/18	3860.00	63.13	65.13	2.00	3796.57
MW-11	01/25/18	3860.00	63.13	64.97	1.84	3796.59
MW-11	01/29/18	3860.00	63.11	65.17	2.06	3796.58
MW-11	02/01/18	3860.00	63.16	64.98	1.82	3796.57
MW-11	02/14/18	3860.00	62.96	66.17	3.21	3796.56
MW-11	02/15/18	3860.00	62.96	66.17	3.21	3796.56
MW-11	03/01/18	3860.00	63.07	65.84	2.77	3796.51
MW-11	03/05/18	3860.00	63.20	65.31	2.11	3796.48

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-11	03/08/18	3860.00	63.23	65.00	1.77	3796.50
MW-11	03/12/18	3860.00	63.18	65.15	1.97	3796.52
MW-11	03/14/18	3860.00	63.27	64.70	1.43	3796.52
MW-11	03/20/18	3860.00	63.16	65.54	2.38	3796.48
MW-11	03/22/18	3860.00	63.34	64.49	1.15	3796.49
MW-11	03/27/18	3860.00	63.21	65.35	2.14	3796.47
MW-11	03/29/18	3860.00	63.39	64.50	1.11	3796.44
MW-11	04/03/18	3860.00	63.24	65.22	1.98	3796.46
MW-11	04/05/18	3860.00	63.35	64.48	1.13	3796.48
MW-11	04/12/18	3860.00	63.28	64.89	1.61	3796.48
MW-11	04/16/18	3860.00	63.24	65.27	2.03	3796.46
MW-11	04/19/18	3860.00	63.32	64.82	1.50	3796.46
MW-11	04/24/18	3860.00	63.24	65.57	2.33	3796.41
MW-11	04/26/18	3860.00	63.36	64.54	1.18	3796.46
MW-11	04/30/18	3860.00	63.29	65.04	1.75	3796.45
MW-11	05/01/18	3860.00	63.27	65.31	2.04	3796.42
MW-11	05/03/18	3860.00	63.41	64.57	1.16	3796.42
MW-11	05/08/18	3860.00	63.23	65.44	2.21	3796.44
MW-11	05/10/18	3860.00	63.39	64.56	1.17	3796.43
MW-11	05/14/18	3860.00	63.24	65.57	2.33	3796.41
MW-11	05/17/18	3860.00	63.35	64.78	1.43	3796.44
MW-11	05/21/18	3860.00	63.32	65.18	1.86	3796.40
MW-11	05/24/18	3860.00	63.37	64.83	1.46	3796.41
MW-11	05/29/18	3860.00	63.32	65.27	1.95	3796.39
MW-11	06/14/18	3860.00	63.14	66.51	3.37	3796.35
MW-11	06/19/18	3860.00	63.30	65.57	2.27	3796.36
MW-11	06/21/18	3860.00	63.48	64.61	1.13	3796.35
MW-11	06/25/18	3860.00	63.43	65.03	1.60	3796.33
MW-11	07/03/18	3860.00	63.35	65.35	2.00	3796.35
MW-11	07/06/18	3860.00	63.48	64.56	1.08	3796.36
MW-11	07/10/18	3860.00	63.43	65.12	1.69	3796.32
MW-11	07/12/18	3860.00	63.51	64.59	1.08	3796.33
MW-11	07/16/18	3860.00	63.45	65.09	1.64	3796.30
MW-11	07/18/18	3860.00	63.48	64.68	1.20	3796.34
MW-11	07/26/18	3860.00	63.29	65.97	2.68	3796.31
MW-11	07/30/18	3860.00	63.42	65.42	2.00	3796.28
MW-11	08/02/18	3860.00	63.41	65.35	1.94	3796.30
MW-11	08/06/18	3860.00	63.45	65.19	1.74	3796.29
MW-11	08/09/18	3860.00	63.48	65.04	1.56	3796.29
MW-11	08/13/18	3860.00	63.46	65.23	1.77	3796.27

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-11	08/16/18	3860.00	63.47	65.04	1.57	3796.29
MW-11	08/20/18	3860.00	63.37	65.97	2.60	3796.24
MW-11	08/23/18	3860.00	63.49	65.10	1.61	3796.27
MW-11	08/27/18	3860.00	63.46	65.37	1.91	3796.25
MW-11	08/30/18	3860.00	63.47	65.28	1.81	3796.26
MW-11	09/06/18	3860.00	63.40	65.83	2.43	3796.24
MW-11	09/11/18	3860.00	63.48	65.49	2.01	3796.22
MW-11	09/13/18	3860.00	63.60	64.70	1.10	3796.24
MW-11	09/18/18	3860.00	63.49	65.50	2.01	3796.21
MW-11	09/20/18	3860.00	63.61	64.71	1.10	3796.23
MW-11	10/04/18	3860.00	63.34	66.40	3.06	3796.20
MW-11	10/11/18	3860.00	63.45	66.01	2.56	3796.17
MW-11	10/15/18	3860.00	63.52	65.55	2.03	3796.18
MW-11	10/23/18	3860.00	63.40	66.22	2.82	3796.18
MW-11	10/30/18	3860.00	63.43	66.28	2.85	3796.14
MW-11	11/05/18	3860.00	63.55	65.63	2.08	3796.14
MW-11	11/08/18	3860.00	63.64	65.18	1.54	3796.13
MW-11	11/12/18	3860.00	63.63	65.39	1.76	3796.11
MW-11	11/16/18	3860.00	63.58	65.55	1.97	3796.12
MW-11	11/20/18	3860.00	63.59	65.42	1.83	3796.14
MW-11	11/29/18	3860.00	63.49	66.05	2.56	3796.13
MW-11	12/06/18	3860.00	63.41	66.86	3.45	3796.07
MW-11	12/11/18	3860.00	63.58	65.55	1.97	3796.12
MW-11	12/18/18	3860.00	63.59	66.01	2.42	3796.05
MW-11	12/21/18	3860.00	63.50	66.38	2.88	3796.07
MW-11	12/27/18	3860.00	63.50	66.38	2.88	3796.07
MW-11	12/31/18	3860.00	63.64	65.63	1.99	3796.06
MW-11	01/14/18	3860.00	63.63	65.63	2.00	3796.07
MW-11	01/04/19	3860.00	63.64	65.63	1.99	3796.06
MW-11	01/09/19	3860.00	63.62	65.82	2.20	3796.05
MW-11	01/14/19	3860.00	63.63	65.63	2.00	3796.07
MW-11	01/17/19	3860.00	63.52	65.47	1.95	3796.19
MW-11	01/24/19	3860.00	63.59	66.24	2.65	3796.01
MW-11	01/28/19	3860.00	63.67	65.70	2.03	3796.03
MW-11	01/30/19	3860.00	63.74	65.21	1.47	3796.04
MW-11	02/05/19	3860.00	63.62	66.03	2.41	3796.02
MW-11	02/07/19	3860.00	63.75	65.30	1.55	3796.02
MW-11	02/12/19	3860.00	63.62	66.09	2.47	3796.01
MW-11	02/21/19	3860.00	63.55	66.66	3.11	3795.98
MW-11	03/07/19	3860.00	63.79	65.36	1.57	3795.97

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-11	03/12/19	3860.00	63.75	65.41	1.66	3796.00
MW-11	03/26/19	3860.00	63.75	65.87	2.12	3795.93
MW-11	04/02/19	3860.00	63.78	65.72	1.94	3795.93
MW-11	04/04/19	3860.00	63.89	64.95	1.06	3795.95
MW-11	04/09/19	3860.00	63.75	65.89	2.14	3795.93
MW-11	04/11/19	3860.00	63.93	64.98	1.05	3795.91
MW-11	04/16/19	3860.00	63.78	65.71	1.93	3795.93
MW-11	04/18/19	3860.00	63.95	64.90	0.95	3795.91
MW-11	04/26/19	3860.00	63.95	64.82	0.87	3795.92
MW-11	04/29/19	3860.00	63.91	65.23	1.32	3795.89
MW-11	05/02/19	3860.00	63.89	65.22	1.33	3795.91
MW-11	05/09/19	3860.00	63.92	65.24	1.32	3795.88
MW-11	05/06/19	3860.00	63.89	65.32	1.43	3795.90
MW-11	05/16/19	3860.00	63.79	65.96	2.17	3795.88
MW-11	05/21/19	3860.00	63.80	65.91	2.11	3795.88
MW-11	05/23/19	3860.00	63.96	65.02	1.06	3795.88
MW-11	05/29/19	3860.00	63.73	66.03	2.30	3795.93
MW-11	06/03/19	3860.00	63.91	65.38	1.47	3795.87
MW-11	06/11/19	3860.00	63.76	66.28	2.52	3795.86
MW-11	06/13/19	3860.00	63.92	65.35	1.43	3795.87
MW-11	06/17/19	3860.00	63.92	65.51	1.59	3795.84
MW-11	06/20/19	3860.00	63.96	65.20	1.24	3795.85
MW-11	06/25/19	3860.00	63.92	65.62	1.70	3795.83
MW-11	07/02/19	3860.00	63.96	65.61	1.65	3795.79
MW-11	07/11/19	3860.00	63.82	66.36	2.54	3795.80
MW-11	07/16/19	3860.00	63.94	65.78	1.84	3795.78
MW-11	07/18/19	3860.00	64.09	65.10	1.01	3795.76
MW-11	07/22/19	3860.00	64.03	65.32	1.29	3795.78
MW-11	07/29/19	3860.00	63.92	66.02	2.10	3795.77
MW-11	08/01/19	3860.00	64.02	65.44	1.42	3795.77
MW-11	08/06/19	3860.00	63.99	65.66	1.67	3795.76
MW-11	08/13/19	3860.00	63.96	65.96	2.00	3795.74
MW-11	08/19/19	3860.00	63.93	66.08	2.15	3795.75
MW-11	08/28/19	3860.00	63.86	66.60	2.74	3795.73
MW-11	09/05/19	3860.00	63.78	67.30	3.52	3795.69
MW-11	09/09/19	3860.00	63.99	66.15	2.16	3795.69
MW-11	09/11/19	3860.00	64.13	65.55	1.42	3795.66
MW-11	09/17/19	3860.00	64.05	65.89	1.84	3795.67
MW-11	09/26/19	3860.00	63.98	66.42	2.44	3795.65
MW-11	10/03/19	3860.00	64.03	66.26	2.23	3795.64

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-11	10/07/19	3860.00	64.13	65.49	1.36	3795.67
MW-11	10/10/19	3860.00	64.14	65.58	1.44	3795.64
MW-11	10/15/19	3860.00	64.12	65.91	1.79	3795.61
MW-11	10/17/19	3860.00	64.28	65.07	0.79	3795.60
MW-11	10/22/19	3860.00	64.14	65.76	1.62	3795.62
MW-11	10/24/19	3860.00	64.32	65.12	0.80	3795.56
MW-11	10/29/19	3860.00	64.10	66.20	2.10	3795.59
MW-11	11/06/19	3860.00	63.97	66.94	2.97	3795.58
MW-11	11/11/19	3860.00	64.15	66.33	2.18	3795.52
MW-11	11/21/19	3860.00	64.08	66.62	2.54	3795.54
MW-11	12/05/19	3860.00	64.05	66.86	2.81	3795.53
MW-11	12/12/19	3860.00	64.19	66.12	1.93	3795.52
MW-11	01/07/20	3860.00	64.38	65.63	1.25	3795.43
MW-11	01/03/20	3860.00	64.16	66.76	2.60	3795.45
MW-11	01/16/20	3860.00	64.29	66.21	1.92	3795.42
MW-11	01/30/20	3860.00	64.22	66.83	2.61	3795.39
MW-11	02/07/20	3860.00	64.33	66.14	1.81	3795.40
MW-11	02/20/20	3860.00	64.32	66.62	2.30	3795.34
MW-11	02/28/20	3860.00	64.34	66.27	1.93	3795.37
MW-11	03/11/20	3860.00	64.34	66.45	2.11	3795.34
MW-11	03/18/20	3860.00	64.38	66.06	1.68	3795.37
MW-11	05/13/20	3860.00	64.22	68.10	3.88	3795.20
MW-11	05/19/20	3860.00	64.23	68.22	3.99	3795.17
MW-11	06/10/20	3860.00	64.45	66.79	2.34	3795.20
MW-11	07/16/20	3860.00	64.44	67.32	2.88	3795.13
MW-11	08/07/20	3860.00	64.41	68.00	3.59	3795.05
MW-11	08/21/20	3860.00	64.63	66.59	1.96	3795.08
MW-11	08/26/20	3860.00	64.74	65.84	1.10	3795.10
MW-11	09/03/20	3860.00	64.71	66.37	1.66	3795.04
MW-11	10/08/20	3860.00	64.54	67.51	2.97	3795.01
MW-11	10/20/20	3860.00	64.82	65.92	1.10	3795.02
MW-11	11/19/20	3860.00	64.71	66.76	2.05	3794.98
MW-11	12/18/20	3860.00	64.77	66.75	1.98	3794.93
MW-11	12/29/20	3860.00	64.72	67.15	2.43	3794.92
MW-11	01/20/21	3860.00	64.85	66.59	1.74	3794.89
MW-11	01/28/21	3860.00	64.86	65.88	1.02	3794.99
MW-11	02/02/21	3860.00	64.95	66.14	1.19	3794.87
MW-11	02/24/21	3860.00	64.95	66.52	1.57	3794.81
MW-11	03/02/21	3860.00	65.09	65.80	0.71	3794.80
MW-11	03/11/21	3860.00	65.08	66.02	0.94	3794.78

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-11	03/24/21	3860.00	65.05	66.25	1.20	3794.77
MW-11	05/07/21	3860.00	64.90	67.76	2.86	3794.67
MW-11	05/28/21	3860.00	65.12	66.45	1.33	3794.68
MW-11	06/23/21	3860.00	65.24	66.08	0.84	3794.63
MW-11	07/07/21	3860.00	65.24	66.64	1.40	3794.55
MW-11	07/23/21	3860.00	65.27	66.32	1.05	3794.57
MW-11	07/29/21	3860.00	65.24	66.51	1.27	3794.57
MW-11	08/05/21	3860.00	65.35	66.26	0.91	3794.51
MW-11	08/20/21	3860.00	65.34	66.39	1.05	3794.50
MW-11	09/10/21	3860.00	65.31	66.81	1.50	3794.47
MW-11	09/17/21	3860.00	65.29	67.06	1.77	3794.44
MW-11	10/07/21	3860.00	65.39	66.87	1.48	3794.39
MW-11	10/22/21	3860.00	65.45	66.55	1.10	3794.39
MW-11	10/26/21	3860.00	65.49	66.15	0.66	3794.41
MW-11	11/23/21	3860.00	65.45	67.00	1.55	3794.32
MW-11	12/15/21	3860.00	65.48	66.60	1.12	3794.35
MW - 12	03/24/00	3863.10	-	58.55	0.00	3804.55
MW - 12	06/14/00	3863.10	-	59.05	0.00	3804.05
MW - 12	09/22/00	3863.10	-	57.80	0.00	3805.30
MW - 12	12/28/00	3863.10	-	58.18	0.00	3804.92
MW - 12	03/14/01	3863.10	-	58.28	0.00	3804.82
MW - 12	06/06/01	3863.10	-	58.47	0.00	3804.63
MW - 12	09/28/01	3863.10	-	58.53	0.00	3804.57
MW - 12	11/17/01	3863.10	-	58.84	0.00	3804.26
MW - 12	03/26/02	3863.10	-	59.04	0.00	3804.06
MW - 12	06/26/02	3863.10	-	59.12	0.00	3803.98
MW - 12	09/25/02	3863.10	-	59.29	0.00	3803.81
MW - 12	12/09/02	3863.10	-	59.30	0.00	3803.80
MW - 12	03/10/03	3863.10	-	59.35	0.00	3803.75
MW - 12	06/09/03	3863.10	-	59.41	0.00	3803.69
MW - 12	09/03/03	3863.10	-	59.53	0.00	3803.57
MW - 12	12/08/03	3863.10	-	59.67	0.00	3803.43
MW - 12	03/01/04	3863.10	-	59.82	0.00	3803.28
MW - 12	05/19/04	3863.10	-	59.45	0.00	3803.65
MW - 12	08/26/04	3863.10	-	59.84	0.00	3803.26
MW - 12	12/09/04	3863.10	-	57.85	0.00	3805.25
MW - 12	03/17/05	3863.10	-	58.32	0.00	3804.78
MW - 12	06/15/05	3863.10	-	58.71	0.00	3804.39
MW - 12	09/14/05	3863.10	-	59.04	0.00	3804.06

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 12	12/13/05	3863.10	-	59.36	0.00	3803.74
MW - 12	03/15/06	3863.10	-	59.53	0.00	3803.57
MW - 12	06/14/06	3863.10	-	59.86	0.00	3803.24
MW - 12	09/13/06	3863.10	-	59.96	0.00	3803.14
MW - 12	12/06/06	3863.10	-	60.08	0.00	3803.02
MW - 12	03/01/07	3863.10	-	60.16	0.00	3802.94
MW - 12	05/24/07	3863.10	-	60.27	0.00	3802.83
MW - 12	08/23/07	3863.10	-	60.34	0.00	3802.76
MW - 12	11/08/07	3863.10	-	60.39	0.00	3802.71
MW - 12	03/04/08	3863.10	-	60.52	0.00	3802.58
MW - 12	06/11/08	3863.10	-	60.60	0.00	3802.50
MW - 12	09/09/08	3863.10	-	60.70	0.00	3802.40
MW - 12	12/11/08	3863.10	-	60.87	0.00	3802.23
MW - 12	02/26/09	3863.10	-	60.93	0.00	3802.17
MW - 12	05/21/09	3863.10	-	61.04	0.00	3802.06
MW - 12	08/18/09	3863.10	-	60.91	0.00	3802.19
MW - 12	12/09/09	3863.10	-	61.09	0.00	3802.01
MW - 12	01/06/10	3863.10	-	69.07	0.00	3794.03
MW - 12	02/22/10	3863.10	-	61.15	0.00	3801.95
MW - 12	06/04/10	3863.10	-	61.27	0.00	3801.83
MW - 12	08/26/10	3863.10	-	61.25	0.00	3801.85
MW - 12	11/30/10	3863.10	-	61.10	0.00	3802.00
MW - 12	03/08/11	3863.10	-	61.11	0.00	3801.99
MW - 12	05/25/11	3863.10	-	61.11	0.00	3801.99
MW - 12	08/18/11	3863.10	-	61.48	0.00	3801.62
MW - 12	11/15/11	3863.10	-	61.52	0.00	3801.58
MW - 12	02/29/12	3863.10	-	61.66	0.00	3801.44
MW - 12	05/01/12	3863.10	-	61.73	0.00	3801.37
MW - 12	08/10/12	3863.10	-	62.08	0.00	3801.02
MW - 12	11/27/12	3863.10	-	62.02	0.00	3801.08
MW - 12	02/21/13	3863.10	-	61.12	0.00	3801.98
MW - 12	05/15/13	3863.10	-	62.19	0.00	3800.91
MW - 12	08/21/13	3863.10	-	62.29	0.00	3800.81
MW - 12	11/11/13	3863.10	-	62.38	0.00	3800.72
MW - 12	02/20/14	3863.10	-	62.45	0.00	3800.65
MW - 12	05/20/14	3863.10	-	62.56	0.00	3800.54
MW - 12	07/29/14	3863.10	-	62.61	0.00	3800.49
MW - 12	08/19/14	3863.10	-	61.62	0.00	3801.48
MW - 12	10/30/14	3863.10	-	62.43	0.00	3800.67
MW - 12	11/24/14	3863.10	-	62.50	0.00	3800.60

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 12	02/11/15	3863.10	-	62.64	0.00	3800.46
MW - 12	03/11/15	3863.10	-	62.70	0.00	3800.40
MW - 12	04/17/15	3863.10	-	60.89	0.00	3802.21
MW - 12	05/19/15	3863.10	-	62.75	0.00	3800.35
MW - 12	07/31/15	3863.10	-	62.88	0.00	3800.22
MW - 12	08/12/15	3863.10	-	62.87	0.00	3800.23
MW - 12	09/11/15	3863.10	-	62.94	0.00	3800.16
MW - 12	11/11/15	3863.10	-	62.96	0.00	3800.14
MW - 12	02/02/16	3863.10	-	63.03	0.00	3800.07
MW - 12	04/28/16	3863.10	-	63.12	0.00	3799.98
MW - 12	05/10/16	3863.10	-	63.14	0.00	3799.96
MW - 12	07/01/16	3863.10	-	63.22	0.00	3799.88
MW - 12	07/29/16	3863.10	-	63.26	0.00	3799.84
MW - 12	08/09/16	3863.10	-	63.26	0.00	3799.84
MW - 12	09/15/16	3863.10	-	63.29	0.00	3799.81
MW - 12	11/15/16	3863.10	-	63.38	0.00	3799.72
MW - 12	12/14/16	3863.10	-	63.46	0.00	3799.64
MW - 12	02/22/17	3863.10	-	63.51	0.00	3799.59
MW - 12	05/16/17	3863.10	-	63.65	0.00	3799.45
MW - 12	06/09/17	3863.10	-	63.69	0.00	3799.41
MW - 12	07/26/17	3863.10	-	63.66	0.00	3799.44
MW - 12	08/22/17	3863.10	-	63.81	0.00	3799.29
MW - 12	10/10/17	3863.10	-	63.94	0.00	3799.16
MW - 12	11/28/17	3863.10	-	63.93	0.00	3799.17
MW - 12	01/08/18	3863.10	-	64.04	0.00	3799.06
MW - 12	02/13/18	3863.10	-	64.06	0.00	3799.04
MW - 12	04/30/18	3863.10	-	64.23	0.00	3798.87
MW - 12	05/16/18	3863.10	-	64.22	0.00	3798.88
MW - 12	07/05/18	3863.10	-	64.33	0.00	3798.77
MW - 12	07/26/18	3863.10	-	64.39	0.00	3798.71
MW - 12	08/15/18	3863.10	-	64.35	0.00	3798.75
MW-12	11/28/18	3863.10	-	64.50	0.00	3798.60
MW-12	12/27/18	3863.10	-	64.53	0.00	3798.57
MW-12	01/17/19	3863.10	-	64.57	0.00	3798.53
MW-12	02/20/19	3863.10	-	64.62	0.00	3798.48
MW-12	04/04/19	3863.10	-	64.67	0.00	3798.43
MW-12	05/29/19	3863.10	-	64.74	0.00	3798.36
MW-12	08/27/19	3863.10	-	64.87	0.00	3798.23
MW-12	10/30/19	3863.10	-	65.05	0.00	3798.05
MW-12	03/17/20	3863.10	-	65.28	0.00	3797.82

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-12	05/13/20	3863.10	-	65.37	0.00	3797.73
MW-12	06/09/20	3863.10	-	65.45	0.00	3797.65
MW-12	07/16/20	3863.10	-	65.47	0.00	3797.63
MW-12	08/25/20	3863.10	-	65.54	0.00	3797.56
MW-12	12/16/20	3863.10	-	65.71	0.00	3797.39
MW-12	01/28/21	3863.10	-	65.75	0.00	3797.35
MW-12	03/22/21	3863.10	-	65.85	0.00	3797.25
MW-12	06/22/21	3863.10	-	65.99	0.00	3797.11
MW-12	07/22/21	3863.10	-	66.00	0.00	3797.10
MW-12	09/09/21	3863.10	-	66.05	0.00	3797.05
MW-12	10/26/21	3863.10	-	66.09	0.00	3797.01
MW-12	12/14/21	3863.10	-	66.18	0.00	3796.92
MW - 13	03/24/01	3862.44	-	56.92	0.00	3805.52
MW - 13	06/14/01	3862.44	-	57.42	0.00	3805.02
MW - 13	09/22/00	3862.44	-	56.24	0.00	3806.20
MW - 13	12/28/00	3862.44	-	56.58	0.00	3805.86
MW - 13	03/14/01	3862.44	-	56.72	0.00	3805.72
MW - 13	06/06/01	3862.44	-	56.88	0.00	3805.56
MW - 13	09/28/01	3862.44	-	56.98	0.00	3805.46
MW - 13	03/26/02	3862.44	-	57.52	0.00	3804.92
MW - 13	06/26/02	3862.44	-	57.48	0.00	3804.96
MW - 13	09/25/02	3862.44	-	57.62	0.00	3804.82
MW - 13	12/09/02	3862.44	-	57.65	0.00	3804.79
MW - 13	03/10/03	3862.44	-	57.66	0.00	3804.78
MW - 13	06/09/03	3862.44	-	57.70	0.00	3804.74
MW - 13	09/03/03	3862.44	-	57.94	0.00	3804.50
MW - 13	12/08/03	3862.44	-	58.00	0.00	3804.44
MW - 13	03/01/04	3862.44	-	58.17	0.00	3804.27
MW - 13	05/19/04	3862.44	-	57.96	0.00	3804.48
MW - 13	08/26/04	3862.44	-	58.23	0.00	3804.21
MW - 13	12/09/04	3862.44	-	56.59	0.00	3805.85
MW - 13	03/17/05	3862.44	-	56.70	0.00	3805.74
MW - 13	06/15/05	3862.44	-	57.13	0.00	3805.31
MW - 13	09/14/05	3862.44	-	57.44	0.00	3805.00
MW - 13	12/13/05	3862.44	-	57.67	0.00	3804.77
MW - 13	03/15/06	3862.44	-	57.94	0.00	3804.50
MW - 13	06/14/06	3862.44	-	58.19	0.00	3804.25
MW - 13	09/13/06	3862.44	-	58.32	0.00	3804.12
MW - 13	12/05/06	3862.44	-	59.38	0.00	3803.06

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 13	03/01/07	3862.44	-	58.56	0.00	3803.88
MW - 13	05/24/07	3862.44	-	58.63	0.00	3803.81
MW - 13	08/23/07	3862.44	-	58.69	0.00	3803.75
MW - 13	11/08/07	3862.44	-	58.34	0.00	3804.10
MW - 13	03/04/08	3862.44	-	58.84	0.00	3803.60
MW - 13	06/11/08	3862.44	-	59.80	0.00	3802.64
MW - 13	09/09/08	3862.44	-	59.07	0.00	3803.37
MW - 13	12/11/08	3862.44	-	59.19	0.00	3803.25
MW - 13	02/27/09	3862.44	-	59.29	0.00	3803.15
MW - 13	05/21/09	3862.44	-	59.46	0.00	3802.98
MW - 13	08/18/09	3862.44	-	59.34	0.00	3803.10
MW - 13	12/09/09	3862.44	-	59.44	0.00	3803.00
MW - 13	01/06/10	3862.44	-	59.46	0.00	3802.98
MW - 13	02/22/10	3862.44	-	59.51	0.00	3802.93
MW - 13	06/04/10	3862.44	-	59.67	0.00	3802.77
MW - 13	08/26/10	3862.44	-	59.69	0.00	3802.75
MW - 13	11/30/10	3862.44	-	59.43	0.00	3803.01
MW - 13	03/08/11	3862.44	-	59.43	0.00	3803.01
MW - 13	05/25/11	3862.44	-	59.43	0.00	3803.01
MW - 13	08/18/11	3862.44	-	59.74	0.00	3802.70
MW - 13	11/15/11	3862.44	-	59.90	0.00	3802.54
MW - 13	02/29/12	3862.44	-	60.12	0.00	3802.32
MW - 13	05/01/12	3862.44	-	60.13	0.00	3802.31
MW - 13	08/10/12	3862.44	-	60.48	0.00	3801.96
MW - 13	11/27/12	3862.44	-	60.45	0.00	3801.99
MW - 13	02/21/13	3862.44	-	60.54	0.00	3801.90
MW - 13	05/15/13	3862.44	-	60.61	0.00	3801.83
MW - 13	08/20/13	3862.44	-	60.73	0.00	3801.71
MW - 13	11/11/13	3862.44	-	60.80	0.00	3801.64
MW - 13	02/19/14	3862.44	-	60.89	0.00	3801.55
MW - 13	05/20/14	3862.44	-	60.98	0.00	3801.46
MW - 13	07/29/14	3862.44	-	61.03	0.00	3801.41
MW - 13	08/19/14	3862.44	-	61.03	0.00	3801.41
MW - 13	10/30/14	3862.44	-	60.98	0.00	3801.46
MW - 13	11/24/14	3862.44	-	61.01	0.00	3801.43
MW - 13	02/10/15	3862.44	-	61.11	0.00	3801.33
MW - 13	03/11/15	3862.44	-	61.17	0.00	3801.27
MW - 13	04/17/15	3862.44	-	61.04	0.00	3801.40
MW - 13	05/19/15	3862.44	-	61.19	0.00	3801.25
MW - 13	07/31/15	3862.44	-	61.32	0.00	3801.12

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 13	08/12/15	3862.44	-	61.29	0.00	3801.15
MW - 13	09/11/15	3862.44	-	61.39	0.00	3801.05
MW - 13	11/10/15	3862.44	-	61.38	0.00	3801.06
MW - 13	02/02/16	3862.44	-	61.54	0.00	3800.90
MW - 13	04/28/16	3862.44	-	61.55	0.00	3800.89
MW - 13	05/10/16	3862.44	-	61.56	0.00	3800.88
MW - 13	07/01/16	3862.44	-	61.64	0.00	3800.80
MW - 13	07/29/16	3862.44	-	61.68	0.00	3800.76
MW - 13	08/08/16	3862.44	-	61.69	0.00	3800.75
MW - 13	11/15/16	3862.44	-	61.78	0.00	3800.66
MW - 13	12/14/16	3862.44	-	61.86	0.00	3800.58
MW - 13	01/20/17	3862.44	-	61.95	0.00	3800.49
MW - 13	02/21/17	3862.44	-	61.93	0.00	3800.51
MW - 13	05/16/17	3862.44	-	62.09	0.00	3800.35
MW - 13	06/09/17	3862.44	-	62.12	0.00	3800.32
MW - 13	07/26/17	3862.44	-	62.11	0.00	3800.33
MW - 13	08/22/17	3862.44	-	62.22	0.00	3800.22
MW - 13	10/10/17	3862.44	-	62.34	0.00	3800.10
MW - 13	11/27/17	3862.44	-	62.32	0.00	3800.12
MW - 13	01/08/18	3862.44	-	62.45	0.00	3799.99
MW - 13	02/13/18	3862.44	-	62.46	0.00	3799.98
MW - 13	04/30/18	3862.44	-	62.61	0.00	3799.83
MW - 13	05/16/18	3862.44	-	62.61	0.00	3799.83
MW - 13	07/05/18	3862.44	-	62.75	0.00	3799.69
MW - 13	07/26/18	3862.44	-	62.79	0.00	3799.65
MW - 13	08/15/18	3862.44	-	62.80	0.00	3799.64
MW - 13	11/27/18	3862.44	-	62.89	0.00	3799.55
MW - 13	12/27/18	3862.44	-	62.97	0.00	3799.47
MW - 13	01/17/19	3862.44	-	63.00	0.00	3799.44
MW - 13	02/20/19	3862.44	-	63.02	0.00	3799.42
MW - 13	04/04/19	3862.44	-	63.08	0.00	3799.36
MW - 13	05/29/19	3862.44	-	63.18	0.00	3799.26
MW - 13	08/27/19	3862.44	-	63.30	0.00	3799.14
MW - 13	10/29/19	3862.44	-	63.51	0.00	3798.93
MW - 13	03/17/20	3862.44	-	63.72	0.00	3798.72
MW - 13	05/13/20	3862.44	-	63.80	0.00	3798.64
MW - 13	06/09/20	3862.44	-	63.88	0.00	3798.56
MW - 13	07/16/20	3862.44	-	63.90	0.00	3798.54
MW - 13	08/25/20	3862.44	-	63.96	0.00	3798.48
MW - 13	12/17/20	3862.44	-	64.14	0.00	3798.30

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 13	01/28/21	3862.44	-	64.17	0.00	3798.27
MW - 13	03/22/21	3862.44	-	64.27	0.00	3798.17
MW - 13	06/21/21	3862.44	-	64.44	0.00	3798.00
MW - 13	07/22/21	3862.44	-	64.44	0.00	3798.00
MW - 13	09/09/21	3862.44	-	64.48	0.00	3797.96
MW - 13	10/26/21	3862.44	-	64.50	0.00	3797.94
MW - 13	12/15/21	3862.44	-	64.58	0.00	3797.86
MW - 14	03/24/00	3862.95	-	57.97	0.00	3804.98
MW - 14	06/14/00	3862.95	-	58.40	0.00	3804.55
MW - 14	09/22/00	3862.95	-	57.57	0.00	3805.38
MW - 14	12/28/00	3862.95	-	57.72	0.00	3805.23
MW - 14	03/14/01	3862.95	-	57.88	0.00	3805.07
MW - 14	06/06/01	3862.95	-	58.02	0.00	3804.93
MW - 14	09/28/01	3862.95	-	58.14	0.00	3804.81
MW - 14	11/17/01	3862.95	-	58.58	0.00	3804.37
MW - 14	03/26/02	3862.95	-	58.61	0.00	3804.34
MW - 14	06/26/02	3862.95	-	58.52	0.00	3804.43
MW - 14	09/25/02	3862.95	-	58.74	0.00	3804.21
MW - 14	12/09/02	3862.95	-	58.75	0.00	3804.20
MW - 14	03/10/03	3862.95	-	58.80	0.00	3804.15
MW - 14	06/09/03	3862.95	-	58.93	0.00	3804.02
MW - 14	09/03/03	3862.95	-	59.04	0.00	3803.91
MW - 14	12/08/03	3862.95	-	59.15	0.00	3803.80
MW - 14	03/01/04	3862.95	-	59.32	0.00	3803.63
MW - 14	05/19/04	3862.95	-	59.23	0.00	3803.72
MW - 14	08/26/04	3862.95	-	59.42	0.00	3803.53
MW - 14	12/09/04	3862.95	-	58.06	0.00	3804.89
MW - 14	03/17/05	3862.95	-	58.00	0.00	3804.95
MW - 14	06/15/05	3862.95	-	58.27	0.00	3804.68
MW - 14	09/15/05	3862.95	-	58.71	0.00	3804.24
MW - 14	12/13/05	3862.95	-	58.96	0.00	3803.99
MW - 14	03/15/06	3862.95	-	59.15	0.00	3803.80
MW - 14	06/14/06	3862.95	-	59.34	0.00	3803.61
MW - 14	09/13/06	3862.95	-	59.49	0.00	3803.46
MW - 14	12/06/06	3862.95	-	59.62	0.00	3803.33
MW - 14	03/01/07	3862.95	-	59.74	0.00	3803.21
MW - 14	05/24/07	3862.95	-	59.80	0.00	3803.15
MW - 14	08/23/07	3862.95	-	59.84	0.00	3803.11
MW - 14	11/08/07	3862.95	-	59.90	0.00	3803.05

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	03/04/08	3862.95	-	59.99	0.00	3802.96
MW - 14	06/11/08	3862.95	-	60.13	0.00	3802.82
MW - 14	09/09/08	3862.95	-	60.24	0.00	3802.71
MW - 14	12/11/08	3862.95	-	60.39	0.00	3802.56
MW - 14	01/02/09	3862.95	-	60.41	0.00	3802.54
MW - 14	01/08/09	3862.95	-	57.23	0.00	3805.72
MW - 14	02/12/09	3862.95	-	60.44	0.00	3802.51
MW - 14	02/19/09	3862.95	-	60.46	0.00	3802.49
MW - 14	02/26/09	3862.95	-	60.45	0.00	3802.50
MW - 14	03/04/09	3862.95	-	60.57	0.00	3802.38
MW - 14	03/16/09	3862.95	-	60.60	0.00	3802.35
MW - 14	03/19/09	3862.95	-	60.63	0.00	3802.32
MW - 14	03/24/09	3862.95	-	60.53	0.00	3802.42
MW - 14	04/08/09	3862.95	-	60.62	0.00	3802.33
MW - 14	04/15/09	3862.95	-	60.51	0.00	3802.44
MW - 14	04/17/09	3862.95	-	60.58	0.00	3802.37
MW - 14	04/21/09	3862.95	-	60.56	0.00	3802.39
MW - 14	04/29/09	3862.95	-	60.54	0.00	3802.41
MW - 14	05/06/09	3862.95	-	60.54	0.00	3802.41
MW - 14	05/22/09	3862.95	-	60.62	0.00	3802.33
MW - 14	06/01/09	3862.95	-	60.56	0.00	3802.39
MW - 14	06/09/09	3862.95	-	60.62	0.00	3802.33
MW - 14	06/23/09	3862.95	-	60.56	0.00	3802.39
MW - 14	06/30/09	3862.95	-	60.59	0.00	3802.36
MW - 14	07/10/09	3862.95	-	60.53	0.00	3802.42
MW - 14	07/17/09	3862.95	-	60.52	0.00	3802.43
MW - 14	07/24/09	3862.95	-	60.54	0.00	3802.41
MW - 14	08/04/09	3862.95	-	60.52	0.00	3802.43
MW - 14	08/18/09	3862.95	-	60.59	0.00	3802.36
MW - 14	08/26/09	3862.95	-	62.50	0.00	3800.45
MW - 14	10/08/09	3862.95	-	60.52	0.00	3802.43
MW - 14	12/10/09	3862.95	-	60.69	0.00	3802.26
MW - 14	01/06/10	3862.95	-	60.66	0.00	3802.29
MW - 14	02/22/10	3862.95	-	60.73	0.00	3802.22
MW - 14	05/06/10	3862.95	-	60.66	0.00	3802.29
MW - 14	05/13/10	3862.95	-	60.64	0.00	3802.31
MW - 14	05/19/10	3862.95	-	60.63	0.00	3802.32
MW - 14	06/04/10	3862.95	-	60.84	0.00	3802.11
MW - 14	08/26/10	3862.95	-	60.82	0.00	3802.13
MW - 14	11/30/10	3862.95	-	60.72	0.00	3802.23

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	03/08/11	3862.95	-	60.70	0.00	3802.25
MW - 14	05/25/11	3862.95	-	60.70	0.00	3802.25
MW - 14	08/19/11	3862.95	-	61.09	0.00	3801.86
MW - 14	11/15/11	3862.95	-	61.06	0.00	3801.89
MW - 14	11/30/11	3862.95	-	61.09	0.00	3801.86
MW - 14	01/24/12	3862.95	-	61.20	0.00	3801.75
MW - 14	01/31/12	3862.95	-	61.24	0.00	3801.71
MW - 14	02/08/12	3862.95	-	61.22	0.00	3801.73
MW - 14	02/29/12	3862.95	-	61.21	0.00	3801.74
MW - 14	03/09/12	3862.95	-	61.32	0.00	3801.63
MW - 14	03/16/12	3862.95	-	61.31	0.00	3801.64
MW - 14	03/21/12	3862.95	-	61.30	0.00	3801.65
MW - 14	03/28/12	3862.95	-	61.31	0.00	3801.64
MW - 14	04/04/12	3862.95	-	61.32	0.00	3801.63
MW - 14	04/11/12	3862.95	-	61.29	0.00	3801.66
MW - 14	04/18/12	3862.95	-	61.31	0.00	3801.64
MW - 14	04/25/12	3862.95	-	61.30	0.00	3801.65
MW - 14	05/01/12	3862.95	-	61.30	0.00	3801.65
MW - 14	05/09/12	3862.95	-	61.30	0.00	3801.65
MW - 14	06/07/12	3862.95	-	61.34	0.00	3801.61
MW - 14	06/20/12	3862.95	-	61.39	0.00	3801.56
MW - 14	06/27/12	3862.95	-	61.38	0.00	3801.57
MW - 14	07/11/12	3862.95	-	61.43	0.00	3801.52
MW - 14	08/10/12	3862.95	-	61.65	0.00	3801.30
MW - 14	09/06/12	3862.95	-	61.45	0.00	3801.50
MW - 14	10/04/12	3862.95	-	61.59	0.00	3801.36
MW - 14	10/12/12	3862.95	-	61.55	0.00	3801.40
MW - 14	10/18/12	3862.95	-	61.58	0.00	3801.37
MW - 14	10/25/12	3862.95	-	61.58	0.00	3801.37
MW - 14	10/31/12	3862.95	-	61.61	0.00	3801.34
MW - 14	11/15/12	3862.95	-	61.61	0.00	3801.34
MW - 14	11/27/12	3862.95	-	61.60	0.00	3801.35
MW - 14	12/19/12	3862.95	-	61.63	0.00	3801.32
MW - 14	01/17/13	3862.95	-	61.63	0.00	3801.32
MW - 14	01/31/13	3862.95	-	61.64	0.00	3801.31
MW - 14	02/21/13	3862.95	-	61.65	0.00	3801.30
MW - 14	03/05/13	3862.95	-	61.72	0.00	3801.23
MW - 14	03/21/13	3862.95	-	61.66	0.00	3801.29
MW - 14	04/04/13	3862.95	-	61.73	0.00	3801.22
MW - 14	04/11/13	3862.95	-	61.71	0.00	3801.24

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	04/18/13	3862.95	-	61.76	0.00	3801.19
MW - 14	04/25/13	3862.95	-	61.75	0.00	3801.20
MW - 14	05/01/13	3862.95	-	61.78	0.00	3801.17
MW - 14	05/10/13	3862.95	-	61.78	0.00	3801.17
MW - 14	05/15/13	3862.95	-	61.73	0.00	3801.22
MW - 14	05/24/13	3862.95	-	61.81	0.00	3801.14
MW - 14	05/30/13	3862.95	-	61.80	0.00	3801.15
MW - 14	06/06/13	3862.95	-	61.81	0.00	3801.14
MW - 14	06/14/13	3862.95	-	61.82	0.00	3801.13
MW - 14	06/20/13	3862.95	-	61.81	0.00	3801.14
MW - 14	06/27/13	3862.95	-	61.81	0.00	3801.14
MW - 14	07/03/13	3862.95	-	61.83	0.00	3801.12
MW - 14	07/10/13	3862.95	-	61.84	0.00	3801.11
MW - 14	07/25/13	3862.95	-	61.84	0.00	3801.11
MW - 14	07/31/13	3862.95	-	61.82	0.00	3801.13
MW - 14	08/21/13	3862.95	-	61.89	0.00	3801.06
MW - 14	08/29/13	3862.95	-	61.86	0.00	3801.09
MW - 14	09/09/13	3862.95	-	61.95	0.00	3801.00
MW - 14	09/18/13	3862.95	-	61.94	0.00	3801.01
MW - 14	09/27/13	3862.95	-	61.95	0.00	3801.00
MW - 14	10/02/13	3862.95	-	61.98	0.00	3800.97
MW - 14	10/08/13	3862.95	-	61.93	0.00	3801.02
MW - 14	10/16/13	3862.95	-	61.96	0.00	3800.99
MW - 14	10/24/13	3862.95	-	61.87	0.00	3801.08
MW - 14	10/31/13	3862.95	-	61.86	0.00	3801.09
MW - 14	11/11/13	3862.95	-	61.93	0.00	3801.02
MW - 14	12/11/13	3862.95	-	62.03	0.00	3800.92
MW - 14	12/17/13	3862.95	-	61.97	0.00	3800.98
MW - 14	01/03/14	3862.95	-	62.04	0.00	3800.91
MW - 14	01/09/14	3862.95	-	61.97	0.00	3800.98
MW - 14	01/15/14	3862.95	-	61.98	0.00	3800.97
MW - 14	01/22/14	3862.95	-	62.06	0.00	3800.89
MW - 14	01/29/14	3862.95	-	62.02	0.00	3800.93
MW - 14	02/20/14	3862.95	-	61.95	0.00	3801.00
MW - 14	03/04/14	3862.95	-	61.98	0.00	3800.97
MW - 14	03/11/14	3862.95	-	62.12	0.00	3800.83
MW - 14	03/18/14	3862.95	-	62.08	0.00	3800.87
MW - 14	03/29/14	3862.95	-	62.08	0.00	3800.87
MW - 14	04/01/14	3862.95	-	62.06	0.00	3800.89
MW - 14	04/08/14	3862.95	-	62.05	0.00	3800.90

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	04/18/14	3862.95	-	62.05	0.00	3800.90
MW - 14	04/23/14	3862.95	-	62.08	0.00	3800.87
MW - 14	05/05/14	3862.95	-	62.08	0.00	3800.87
MW - 14	05/16/14	3862.95	-	62.07	0.00	3800.88
MW - 14	05/20/14	3862.95	-	62.15	0.00	3800.80
MW - 14	05/30/14	3862.95	-	62.14	0.00	3800.81
MW - 14	06/18/14	3862.95	-	62.16	0.00	3800.79
MW - 14	06/27/14	3862.95	-	62.15	0.00	3800.80
MW - 14	07/02/14	3862.95	-	62.18	0.00	3800.77
MW - 14	07/10/14	3862.95	-	62.15	0.00	3800.80
MW - 14	07/29/14	3862.95	-	62.21	0.00	3800.74
MW - 14	07/30/14	3862.95	-	62.21	0.00	3800.74
MW - 14	08/08/14	3862.95	-	62.18	0.00	3800.77
MW - 14	08/19/14	3862.95	-	62.15	0.00	3800.80
MW - 14	08/20/14	3862.95	-	62.18	0.00	3800.77
MW - 14	09/04/14	3862.95	-	62.18	0.00	3800.77
MW - 14	09/11/14	3862.95	-	62.23	0.00	3800.72
MW - 14	10/16/14	3862.95	-	62.13	0.00	3800.82
MW - 14	10/22/14	3862.95	-	62.17	0.00	3800.78
MW - 14	10/30/14	3862.95	-	62.21	0.00	3800.74
MW - 14	11/24/14	3862.95	-	62.17	0.00	3800.78
MW - 14	11/24/14	3862.95	-	62.17	0.00	3800.78
MW - 14	12/02/14	3862.95	-	62.14	0.00	3800.81
MW - 14	12/12/14	3862.95	-	62.16	0.00	3800.79
MW - 14	12/19/14	3862.95	-	62.19	0.00	3800.76
MW - 14	01/07/15	3862.95	-	62.24	0.00	3800.71
MW - 14	01/15/15	3862.95	-	62.21	0.00	3800.74
MW - 14	02/05/15	3862.95	-	62.21	0.00	3800.74
MW - 14	02/11/15	3862.95	-	62.21	0.00	3800.74
MW - 14	02/20/15	3862.95	-	62.25	0.00	3800.70
MW - 14	03/06/15	3862.95	-	62.27	0.00	3800.68
MW - 14	03/11/15	3862.95	-	62.29	0.00	3800.66
MW - 14	03/13/15	3862.95	-	62.25	0.00	3800.70
MW - 14	03/17/15	3862.95	-	62.30	0.00	3800.65
MW - 14	04/01/15	3862.95	-	62.25	0.00	3800.70
MW - 14	04/09/15	3862.95	-	62.31	0.00	3800.64
MW - 14	04/15/15	3862.95	-	62.29	0.00	3800.66
MW - 14	04/17/15	3862.95	-	62.32	0.00	3800.63
MW - 14	04/28/15	3862.95	-	62.32	0.00	3800.63
MW - 14	05/19/15	3862.95	-	62.31	0.00	3800.64

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	06/02/15	3862.95	-	62.29	0.00	3800.66
MW - 14	06/11/15	3862.95	-	62.31	0.00	3800.64
MW - 14	06/17/15	3862.95	-	62.34	0.00	3800.61
MW - 14	06/25/15	3862.95	-	62.34	0.00	3800.61
MW - 14	07/01/15	3862.95	-	62.37	0.00	3800.58
MW - 14	07/08/15	3862.95	-	62.38	0.00	3800.57
MW - 14	07/15/15	3862.95	-	62.40	0.00	3800.55
MW - 14	07/22/15	3862.95	-	62.61	0.00	3800.34
MW - 14	07/29/15	3862.95	-	62.40	0.00	3800.55
MW - 14	07/31/15	3862.95	-	62.43	0.00	3800.52
MW - 14	08/06/15	3862.95	-	62.40	0.00	3800.55
MW - 14	08/12/15	3862.95	-	62.41	0.00	3800.54
MW - 14	08/17/15	3862.95	-	62.42	0.00	3800.53
MW - 14	08/19/15	3862.95	-	62.46	0.00	3800.49
MW - 14	08/27/15	3862.95	-	62.32	0.00	3800.63
MW - 14	09/03/15	3862.95	-	62.42	0.00	3800.53
MW - 14	09/09/15	3862.95	-	62.41	0.00	3800.54
MW - 14	09/11/15	3862.95	-	62.14	0.00	3800.81
MW - 14	09/15/15	3862.95	-	62.45	0.00	3800.50
MW - 14	09/22/15	3862.95	-	62.53	0.00	3800.42
MW - 14	09/30/15	3862.95	-	62.52	0.00	3800.43
MW - 14	10/06/15	3862.95	-	62.56	0.00	3800.39
MW - 14	10/13/15	3862.95	-	62.52	0.00	3800.43
MW - 14	10/22/15	3862.95	-	62.60	0.00	3800.35
MW - 14	10/27/15	3862.95	-	62.58	0.00	3800.37
MW - 14	11/11/15	3862.95	-	62.54	0.00	3800.41
MW - 14	11/18/15	3862.95	-	62.49	0.00	3800.46
MW - 14	12/03/15	3862.95	-	62.60	0.00	3800.35
MW - 14	12/10/15	3862.95	-	62.62	0.00	3800.33
MW - 14	12/22/15	3862.95	-	62.57	0.00	3800.38
MW - 14	01/08/16	3862.95	-	62.65	0.00	3800.30
MW - 14	01/14/16	3862.95	-	62.65	0.00	3800.30
MW - 14	01/28/16	3862.95	-	62.61	0.00	3800.34
MW - 14	02/02/16	3862.95	-	62.68	0.00	3800.27
MW - 14	02/09/16	3862.95	-	62.58	0.00	3800.37
MW - 14	03/02/16	3862.95	-	62.64	0.00	3800.31
MW - 14	03/09/16	3862.95	-	62.70	0.00	3800.25
MW - 14	03/17/16	3862.95	-	62.65	0.00	3800.30
MW - 14	04/06/16	3862.95	-	62.67	0.00	3800.28
MW - 14	04/13/16	3862.95	-	62.69	0.00	3800.26

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	04/20/16	3862.95	-	62.68	0.00	3800.27
MW - 14	04/27/16	3862.95	-	62.71	0.00	3800.24
MW - 14	04/28/16	3862.95	-	62.71	0.00	3800.24
MW - 14	05/05/16	3862.95	-	62.72	0.00	3800.23
MW - 14	05/10/16	3862.95	-	62.75	0.00	3800.20
MW - 14	06/08/16	3862.95	-	62.77	0.00	3800.18
MW - 14	06/15/16	3862.95	-	62.81	0.00	3800.14
MW - 14	06/21/16	3862.95	-	62.79	0.00	3800.16
MW - 14	06/30/16	3862.95	-	62.79	0.00	3800.16
MW - 14	07/01/16	3862.95	-	62.79	0.00	3800.16
MW - 14	07/15/16	3862.95	-	62.81	0.00	3800.14
MW - 14	07/21/16	3862.95	-	62.85	0.00	3800.10
MW - 14	07/28/16	3862.95	-	62.78	0.00	3800.17
MW - 14	08/02/16	3862.95	-	62.86	0.00	3800.09
MW - 14	08/09/16	3862.95	-	62.78	0.00	3800.17
MW - 14	08/16/16	3862.95	-	62.78	0.00	3800.17
MW - 14	08/25/16	3862.95	-	62.86	0.00	3800.09
MW - 14	09/08/16	3862.95	-	62.87	0.00	3800.08
MW - 14	9/14/16 -9/15/2016	3862.95	-	62.90	0.00	3800.05
MW - 14	09/22/16	3862.95	-	62.92	0.00	3800.03
MW - 14	09/29/16	3862.95	-	62.92	0.00	3800.03
MW - 14	10/13/16	3862.95	-	62.97	0.00	3799.98
MW - 14	10/20/16	3862.95	-	62.97	0.00	3799.98
MW - 14	10/27/16	3862.95	-	62.96	0.00	3799.99
MW - 14	11/10/16	3862.95	-	62.95	0.00	3800.00
MW - 14	11/16/16	3862.95	-	63.00	0.00	3799.95
MW - 14	12/09/16	3862.95	-	63.05	0.00	3799.90
MW - 14	12/14/16	3862.95	-	63.10	0.00	3799.85
MW - 14	01/05/17	3862.95	-	63.11	0.00	3799.84
MW - 14	01/12/17	3862.95	-	63.08	0.00	3799.87
MW - 14	01/19/17	3862.95	-	63.08	0.00	3799.87
MW - 14	01/20/17	3862.95	-	63.14	0.00	3799.81
MW - 14	01/25/17	3862.95	-	63.16	0.00	3799.79
MW - 14	02/02/17	3862.95	-	63.11	0.00	3799.84
MW - 14	02/09/17	3862.95	-	63.05	0.00	3799.90
MW - 14	02/22/17	3862.95	-	63.10	0.00	3799.85
MW - 14	03/09/17	3862.95	-	63.17	0.00	3799.78
MW - 14	03/16/17	3862.95	-	63.15	0.00	3799.80
MW - 14	03/30/17	3862.95	-	63.16	0.00	3799.79
MW - 14	04/06/17	3862.95	-	63.17	0.00	3799.78

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	04/12/17	3862.95	-	63.19	0.00	3799.76
MW - 14	05/03/17	3862.95	-	63.24	0.00	3799.71
MW - 14	05/17/17	3862.95	-	63.20	0.00	3799.75
MW - 14	05/26/17	3862.95	-	63.23	0.00	3799.72
MW - 14	06/08/17	3862.95	-	63.25	0.00	3799.70
MW - 14	06/09/17	3862.95	-	63.25	0.00	3799.70
MW - 14	06/30/17	3862.95	-	63.35	0.00	3799.60
MW - 14	07/06/17	3862.95	-	63.40	0.00	3799.55
MW - 14	07/19/17	3862.95	-	63.21	0.00	3799.74
MW - 14	07/23/17	3862.95	-	63.38	0.00	3799.57
MW - 14	07/26/17	3862.95	-	63.31	0.00	3799.64
MW - 14	08/23/17	3862.95	-	63.40	0.00	3799.55
MW - 14	10/10/17	3862.95	-	63.45	0.00	3799.50
MW - 14	11/29/17	3862.95	-	63.47	0.00	3799.48
MW - 14	01/08/18	3862.95	-	63.62	0.00	3799.33
MW - 14	01/18/18	3862.95	-	63.60	0.00	3799.35
MW - 14	02/14/18	3862.95	-	63.59	0.00	3799.36
MW - 14	02/21/18	3862.95	-	63.66	0.00	3799.29
MW - 14	04/30/18	3862.95	-	63.80	0.00	3799.15
MW - 14	05/03/18	3862.95	-	63.76	0.00	3799.19
MW - 14	05/17/18	3862.95	-	63.71	0.00	3799.24
MW - 14	07/06/18	3862.95	-	63.89	0.00	3799.06
MW - 14	07/26/18	3862.95	-	63.95	0.00	3799.00
MW - 14	08/16/18	3862.95	-	63.90	0.00	3799.05
MW - 14	11/16/18	3862.95	-	63.96	0.00	3798.99
MW - 14	11/29/18	3862.95	-	63.99	0.00	3798.96
MW - 14	12/06/18	3862.95	-	64.01	0.00	3798.94
MW - 14	12/11/18	3862.95	-	63.97	0.00	3798.98
MW - 14	12/27/18	3862.95	-	64.01	0.00	3798.94
MW - 14	01/04/19	3862.95	-	64.01	0.00	3798.94
MW - 14	01/17/19	3862.95	-	64.03	0.00	3798.92
MW - 14	01/24/19	3862.95	-	64.07	0.00	3798.88
MW - 14	02/21/19	3862.95	-	64.04	0.00	3798.91
MW - 14	04/04/19	3862.95	-	64.14	0.00	3798.81
MW - 14	05/30/19	3862.95	-	64.20	0.00	3798.75
MW - 14	08/28/19	3862.95	-	64.32	0.00	3798.63
MW - 14	10/31/19	3862.95	-	64.48	0.00	3798.47
MW - 14	03/18/20	3862.95	-	64.71	0.00	3798.24
MW - 14	05/13/20	3862.95	-	64.81	0.00	3798.14
MW - 14	06/10/20	3862.95	-	64.89	0.00	3798.06

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	07/16/20	3862.95	-	64.90	0.00	3798.05
MW - 14	08/26/20	3862.95	-	64.98	0.00	3797.97
MW - 14	12/18/20	3862.95	-	65.13	0.00	3797.82
MW - 14	01/28/21	3862.95	-	65.17	0.00	3797.78
MW - 14	03/24/21	3862.95	-	65.26	0.00	3797.69
MW - 14	06/23/21	3862.95	-	65.41	0.00	3797.54
MW - 14	07/22/21	3862.95	-	65.45	0.00	3797.50
MW - 14	09/10/21	3862.95	-	65.49	0.00	3797.46
MW - 14	10/26/21	3862.95	-	65.51	0.00	3797.44
MW - 14	12/14/21	3862.95	-	65.63	0.00	3797.32
MW - 15	03/24/00	3861.70	-	57.11	0.00	3804.59
MW - 15	06/14/00	3861.70	-	57.51	0.00	3804.19
MW - 15	09/22/00	3861.70	-	56.76	0.00	3804.94
MW - 15	12/28/00	3861.70	-	56.89	0.00	3804.81
MW - 15	03/14/01	3861.70	-	57.00	0.00	3804.70
MW - 15	06/06/01	3861.70	-	57.15	0.00	3804.55
MW - 15	09/28/01	3861.70	-	57.25	0.00	3804.45
MW - 15	11/17/01	3861.70	-	57.50	0.00	3804.20
MW - 15	03/26/02	3861.70	-	57.57	0.00	3804.13
MW - 15	06/26/02	3861.70	-	57.73	0.00	3803.97
MW - 15	09/25/02	3861.70	-	57.90	0.00	3803.80
MW - 15	12/09/02	3861.70	-	57.89	0.00	3803.81
MW - 15	03/10/03	3861.70	-	57.95	0.00	3803.75
MW - 15	06/09/03	3861.70	-	58.08	0.00	3803.62
MW - 15	09/03/03	3861.70	-	58.19	0.00	3803.51
MW - 15	12/08/03	3861.70	-	58.29	0.00	3803.41
MW - 15	03/01/04	3861.70	-	58.45	0.00	3803.25
MW - 15	05/19/04	3861.70	-	58.41	0.00	3803.29
MW - 15	08/26/04	3861.70	-	58.57	0.00	3803.13
MW - 15	12/09/04	3861.70	-	57.38	0.00	3804.32
MW - 15	03/17/05	3861.70	-	57.23	0.00	3804.47
MW - 15	06/15/05	3861.70	-	57.55	0.00	3804.15
MW - 15	09/14/05	3861.70	-	57.79	0.00	3803.91
MW - 15	12/13/05	3861.70	-	58.13	0.00	3803.57
MW - 15	03/15/06	3861.70	-	58.35	0.00	3803.35
MW - 15	06/14/06	3861.70	-	58.55	0.00	3803.15
MW - 15	09/13/06	3861.70	-	58.66	0.00	3803.04
MW - 15	12/05/06	3861.70	-	58.73	0.00	3802.97
MW - 15	03/01/07	3861.70	-	58.84	0.00	3802.86

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 15	05/24/07	3861.70	-	58.96	0.00	3802.74
MW - 15	08/23/07	3861.70	-	59.00	0.00	3802.70
MW - 15	11/08/07	3861.70	-	59.06	0.00	3802.64
MW - 15	03/04/08	3861.70	-	59.17	0.00	3802.53
MW - 15	06/11/08	3861.70	-	59.27	0.00	3802.43
MW - 15	09/09/08	3861.70	-	59.40	0.00	3802.30
MW - 15	12/11/08	3861.70	-	59.63	0.00	3802.07
MW - 15	02/26/09	3861.70	-	59.38	0.00	3802.32
MW - 15	05/21/09	3861.70	-	61.34	0.00	3800.36
MW - 15	08/18/09	3861.70	-	59.71	0.00	3801.99
MW - 15	12/09/09	3861.70	-	59.79	0.00	3801.91
MW - 15	01/06/10	3861.70	-	59.80	0.00	3801.90
MW - 15	02/22/10	3861.70	-	59.84	0.00	3801.86
MW - 15	06/04/10	3861.70	-	59.96	0.00	3801.74
MW - 15	08/26/10	3861.70	-	59.94	0.00	3801.76
MW - 15	11/30/10	3861.70	-	59.88	0.00	3801.82
MW - 15	03/08/11	3861.70	-	58.89	0.00	3802.81
MW - 15	05/25/11	3861.70	-	59.88	0.00	3801.82
MW - 15	08/18/11	3861.70	-	60.25	0.00	3801.45
MW - 15	11/15/11	3861.70	-	60.18	0.00	3801.52
MW - 15	02/29/12	3861.70	-	60.31	0.00	3801.39
MW - 15	05/01/12	3861.70	-	60.42	0.00	3801.28
MW - 15	08/10/12	3861.70	-	60.77	0.00	3800.93
MW - 15	11/27/12	3861.70	-	60.89	0.00	3800.81
MW - 15	02/21/13	3861.70	-	60.76	0.00	3800.94
MW - 15	05/15/13	3861.70	-	60.84	0.00	3800.86
MW - 15	08/21/13	3861.70	-	60.93	0.00	3800.77
MW - 15	11/11/13	3861.70	-	61.02	0.00	3800.68
MW - 15	02/20/14	3861.70	-	61.08	0.00	3800.62
MW - 15	05/20/14	3861.70	-	61.16	0.00	3800.54
MW - 15	07/29/14	3861.70	-	61.26	0.00	3800.44
MW - 15	08/19/14	3861.70	-	61.24	0.00	3800.46
MW - 15	10/30/14	3861.70	-	61.24	0.00	3800.46
MW - 15	11/24/14	3861.70	-	61.29	0.00	3800.41
MW - 15	02/11/15	3861.70	-	61.34	0.00	3800.36
MW - 15	03/11/15	3861.70	-	61.40	0.00	3800.30
MW - 15	04/17/15	3861.70	-	61.42	0.00	3800.28
MW - 15	05/19/15	3861.70	-	61.43	0.00	3800.27
MW - 15	07/31/15	3861.70	-	61.65	0.00	3800.05
MW - 15	08/12/15	3861.70	-	61.54	0.00	3800.16

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 15	09/11/15	3861.70	-	61.62	0.00	3800.08
MW - 15	11/11/15	3861.70	-	61.61	0.00	3800.09
MW - 15	02/02/16	3861.70	-	61.73	0.00	3799.97
MW - 15	04/28/16	3861.70	-	61.71	0.00	3799.99
MW - 15	05/10/16	3861.70	-	61.79	0.00	3799.91
MW - 15	07/01/16	3861.70	-	61.85	0.00	3799.85
MW - 15	07/29/16	3861.70	-	61.90	0.00	3799.80
MW - 15	08/09/16	3861.70	-	61.90	0.00	3799.80
MW - 15	09/15/16	3861.70	-	61.96	0.00	3799.74
MW - 15	11/16/16	3861.70	-	62.05	0.00	3799.65
MW - 15	12/14/16	3861.70	-	62.08	0.00	3799.62
MW - 15	01/20/17	3861.70	-	62.17	0.00	3799.53
MW - 15	02/21/17	3861.70	-	62.30	0.00	3799.40
MW - 15	05/16/17	3861.70	-	62.29	0.00	3799.41
MW - 15	06/09/17	3861.70	-	62.36	0.00	3799.34
MW - 15	07/26/17	3861.70	-	62.36	0.00	3799.34
MW - 15	08/22/17	3861.70	-	62.45	0.00	3799.25
MW - 15	10/10/17	3861.70	-	62.56	0.00	3799.14
MW - 15	11/28/17	3861.70	-	62.47	0.00	3799.23
MW - 15	01/08/18	3861.70	-	62.67	0.00	3799.03
MW - 15	02/13/18	3861.70	-	62.69	0.00	3799.01
MW - 15	04/30/18	3861.70	-	62.84	0.00	3798.86
MW - 15	05/16/18	3861.70	-	62.83	0.00	3798.87
MW - 15	07/05/18	3861.70	-	62.94	0.00	3798.76
MW - 15	07/26/18	3861.70	-	62.99	0.00	3798.71
MW - 15	08/15/18	3861.70	-	62.95	0.00	3798.75
MW - 15	11/28/18	3861.70	-	63.07	0.00	3798.63
MW - 15	12/27/18	3861.70	-	63.12	0.00	3798.58
MW - 15	01/15/19	3861.70	-	63.14	0.00	3798.56
MW - 15	02/20/19	3861.70	-	63.18	0.00	3798.52
MW - 15	04/04/19	3861.70	-	63.22	0.00	3798.48
MW - 15	05/29/19	3861.70	-	63.30	0.00	3798.40
MW - 15	08/27/19	3861.70	-	63.43	0.00	3798.27
MW - 15	10/30/19	3861.70	-	63.60	0.00	3798.10
MW - 15	03/17/20	3861.70	-	63.84	0.00	3797.86
MW - 15	05/13/20	3861.70	-	63.94	0.00	3797.76
MW - 15	06/09/20	3861.70	-	64.00	0.00	3797.70
MW - 15	07/16/20	3861.70	-	64.02	0.00	3797.68
MW - 15	08/25/20	3861.70	-	64.08	0.00	3797.62
MW - 15	12/16/20	3861.70	-	64.23	0.00	3797.47

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 15	01/28/21	3861.70	-	64.28	0.00	3797.42
MW - 15	03/22/21	3861.70	-	64.37	0.00	3797.33
MW - 15	06/22/21	3861.70	-	64.52	0.00	3797.18
MW - 15	07/22/21	3861.70	-	64.55	0.00	3797.15
MW - 15	09/09/21	3861.70	-	64.59	0.00	3797.11
MW - 15	10/26/21	3861.70	-	64.52	0.00	3797.18
MW - 15	12/14/21	3861.70	-	64.71	0.00	3796.99
MW - 16	03/24/00	3863.15	-	56.81	0.00	3806.34
MW - 16	06/14/00	3863.15	-	57.24	0.00	3805.91
MW - 16	09/22/00	3863.15	-	56.46	0.00	3806.69
MW - 16	12/28/00	3863.15	-	56.64	0.00	3806.51
MW - 16	03/14/01	3863.15	-	56.73	0.00	3806.42
MW - 16	06/06/01	3863.15	-	56.85	0.00	3806.30
MW - 16	09/28/01	3863.15	-	56.99	0.00	3806.16
MW - 16	11/17/01	3863.15	-	57.28	0.00	3805.87
MW - 16	03/26/02	3863.15	-	57.43	0.00	3805.72
MW - 16	06/26/02	3863.15	-	57.43	0.00	3805.72
MW - 16	09/25/02	3863.15	-	57.58	0.00	3805.57
MW - 16	12/10/02	3863.15	-	57.59	0.00	3805.56
MW - 16	03/10/03	3863.15	-	57.65	0.00	3805.50
MW - 16	06/09/03	3863.15	-	57.78	0.00	3805.37
MW - 16	09/03/03	3863.15	-	57.90	0.00	3805.25
MW - 16	12/08/03	3863.15	-	58.02	0.00	3805.13
MW - 16	03/01/04	3863.15	-	58.18	0.00	3804.97
MW - 16	05/19/04	3863.15	-	58.18	0.00	3804.97
MW - 16	08/26/04	3863.15	-	58.31	0.00	3804.84
MW - 16	12/09/04	3863.15	-	57.18	0.00	3805.97
MW - 16	03/17/05	3863.15	-	56.88	0.00	3806.27
MW - 16	06/15/05	3863.15	-	57.16	0.00	3805.99
MW - 16	09/15/05	3863.15	-	57.58	0.00	3805.57
MW - 16	12/13/05	3863.15	-	57.81	0.00	3805.34
MW - 16	03/15/06	3863.15	-	58.07	0.00	3805.08
MW - 16	06/14/06	3863.15	-	58.24	0.00	3804.91
MW - 16	09/13/06	3863.15	-	58.36	0.00	3804.79
MW - 16	12/06/06	3863.15	-	58.54	0.00	3804.61
MW - 16	03/01/07	3863.15	-	58.57	0.00	3804.58
MW - 16	05/24/07	3863.15	-	58.69	0.00	3804.46
MW - 16	08/23/07	3863.15	-	58.72	0.00	3804.43
MW - 16	11/08/07	3863.15	-	58.79	0.00	3804.36

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 16	03/04/08	3863.15	-	58.90	0.00	3804.25
MW - 16	06/11/08	3863.15	-	59.01	0.00	3804.14
MW - 16	09/09/08	3863.15	-	58.29	0.00	3804.86
MW - 16	12/11/08	3863.15	-	59.29	0.00	3803.86
MW - 16	02/26/09	3863.15	-	59.39	0.00	3803.76
MW - 16	05/21/09	3863.15	-	59.48	0.00	3803.67
MW - 16	08/18/09	3863.15	-	59.51	0.00	3803.64
MW - 16	12/10/09	3863.15	-	59.59	0.00	3803.56
MW - 16	01/06/10	3863.15	-	59.57	0.00	3803.58
MW - 16	02/22/10	3863.15	-	59.65	0.00	3803.50
MW - 16	06/04/10	3863.15	-	59.79	0.00	3803.36
MW - 16	08/26/10	3863.15	-	59.81	0.00	3803.34
MW - 16	11/30/10	3863.15	-	59.58	0.00	3803.57
MW - 16	03/08/11	3863.15	-	59.57	0.00	3803.58
MW - 16	05/25/11	3863.15	-	59.59	0.00	3803.56
MW - 16	08/18/11	3863.15	-	60.00	0.00	3803.15
MW - 16	11/15/11	3863.15	-	60.02	0.00	3803.13
MW - 16	02/29/12	3863.15	-	60.17	0.00	3802.98
MW - 16	05/01/12	3863.15	-	60.23	0.00	3802.92
MW - 16	08/10/12	3863.15	-	60.58	0.00	3802.57
MW - 16	11/27/12	3863.15	-	60.53	0.00	3802.62
MW - 16	02/21/13	3863.15	-	60.60	0.00	3802.55
MW - 16	05/15/13	3863.15	-	60.67	0.00	3802.48
MW - 16	08/21/13	3863.15	-	60.77	0.00	3802.38
MW - 16	11/11/13	3863.15	-	60.86	0.00	3802.29
MW - 16	02/20/14	3863.15	-	60.98	0.00	3802.17
MW - 16	02/26/14	3863.15	-	60.93	0.00	3802.22
MW - 16	05/20/14	3863.15	-	61.36	0.00	3801.79
MW - 16	07/29/14	3863.15	-	61.06	0.00	3802.09
MW - 16	08/19/14	3863.15	-	61.17	0.00	3801.98
MW - 16	10/30/14	3863.15	-	61.66	0.00	3801.49
MW - 16	11/24/14	3863.15	-	61.56	0.00	3801.59
MW - 16	02/11/15	3863.15	-	61.68	0.00	3801.47
MW - 16	03/11/15	3863.15	-	61.79	0.00	3801.36
MW - 16	04/17/15	3863.15	-	61.83	0.00	3801.32
MW - 16	05/19/15	3863.15	-	61.78	0.00	3801.37
MW - 16	07/31/15	3863.15	-	61.39	0.00	3801.76
MW - 16	08/12/15	3863.15	-	61.37	0.00	3801.78
MW - 16	09/11/15	3863.15	-	61.48	0.00	3801.67
MW - 16	11/11/15	3863.15	-	62.01	0.00	3801.14

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 16	02/02/16	3863.15	-	62.09	0.00	3801.06
MW - 16	04/28/16	3863.15	-	62.12	0.00	3801.03
MW - 16	05/10/16	3863.15	-	62.00	0.00	3801.15
MW - 16	07/01/16	3863.15	-	62.25	0.00	3800.90
MW - 16	07/29/16	3863.15	-	62.21	0.00	3800.94
MW - 16	08/09/16	3863.15	-	62.21	0.00	3800.94
MW - 16	09/15/16	3863.15	-	62.32	0.00	3800.83
MW - 16	11/16/16	3863.15	-	62.42	0.00	3800.73
MW - 16	12/14/16	3863.15	-	62.41	0.00	3800.74
MW - 16	01/20/17	3863.15	-	62.48	0.00	3800.67
MW - 16	02/22/17	3863.15	-	62.03	0.00	3801.12
MW - 16	05/17/17	3863.15	-	62.15	0.00	3801.00
MW - 16	06/09/17	3863.15	-	62.18	0.00	3800.97
MW - 16	07/26/17	3863.15	-	62.18	0.00	3800.97
MW - 16	08/23/17	3863.15	-	62.27	0.00	3800.88
MW - 16	10/10/17	3863.15	-	62.40	0.00	3800.75
MW - 16	11/29/17	3863.15	-	62.38	0.00	3800.77
MW - 16	01/08/18	3863.15	-	62.50	0.00	3800.65
MW - 16	02/14/18	3863.15	-	62.53	0.00	3800.62
MW - 16	04/30/18	3863.15	-	62.64	0.00	3800.51
MW - 16	05/17/18	3863.15	-	62.47	0.00	3800.68
MW - 16	07/05/18	3863.15	-	62.75	0.00	3800.40
MW - 16	07/26/18	3863.15	-	62.78	0.00	3800.37
MW - 16	08/16/18	3863.15	-	62.78	0.00	3800.37
MW - 16	11/28/18	3863.15	-	62.90	0.00	3800.25
MW - 16	12/27/18	3863.15	-	62.96	0.00	3800.19
MW - 16	02/21/19	3863.15	-	Insufficient Water		
MW - 16	04/04/19	3863.15	-	Insufficient Water		
MW - 16	05/30/19	3863.15	-	Insufficient Water		
MW - 16	08/28/19	3863.15	-	Insufficient Water		
MW - 16	10/29/19	3863.15	-	Insufficient Water		
MW - 16	03/18/20	3863.15	-	Dry		
MW - 16	05/13/20	3863.15	-	Dry		
MW - 16	06/10/20	3863.15	-	Dry		
MW - 16	07/16/20	3863.15	-	Dry		
MW - 16	08/26/20	3863.15	-	Dry		
MW - 16	12/18/20	3863.15	-	Dry		
MW - 16	01/28/21	3863.15	-	Dry		
MW - 16	03/24/21	3863.15	-	Dry		
MW - 16	06/22/21	3863.15	-	Dry		

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 16	07/22/21	3863.15	-	Dry		
MW - 16	09/10/21	3863.15	-	Dry		
MW - 16	10/26/21	3863.15	-	Dry		
MW - 16	12/15/21	3863.15	-	Dry		
MW - 17	03/24/00	3859.17	-	59.57	0.00	3799.60
MW - 17	06/14/00	3859.17	-	59.72	0.00	3799.45
MW - 17	09/22/00	3859.17	-	59.65	0.00	3799.52
MW - 17	12/28/00	3859.17	-	59.70	0.00	3799.47
MW - 17	03/14/01	3859.17	-	59.66	0.00	3799.51
MW - 17	06/06/01	3859.17	-	59.75	0.00	3799.42
MW - 17	09/28/01	3859.17	-	59.90	0.00	3799.27
MW - 17	11/17/01	3859.17	-	60.02	0.00	3799.15
MW - 17	03/26/02	3859.17	-	60.41	0.00	3798.76
MW - 17	06/26/02	3859.17	-	60.26	0.00	3798.91
MW - 17	09/25/02	3859.17	-	60.39	0.00	3798.78
MW - 17	12/10/02	3859.17	-	60.43	0.00	3798.74
MW - 17	03/10/03	3859.17	-	60.51	0.00	3798.66
MW - 17	06/09/03	3859.17	-	60.61	0.00	3798.56
MW - 17	09/03/03	3859.17	-	60.70	0.00	3798.47
MW - 17	12/08/03	3859.17	-	60.81	0.00	3798.36
MW - 17	03/01/04	3859.17	-	60.93	0.00	3798.24
MW - 17	05/19/04	3859.17	-	60.98	0.00	3798.19
MW - 17	08/26/04	3859.17	-	61.07	0.00	3798.10
MW - 17	12/09/04	3859.17	-	60.58	0.00	3798.59
MW - 17	03/17/05	3859.17	-	60.23	0.00	3798.94
MW - 17	06/15/05	3859.17	-	60.27	0.00	3798.90
MW - 17	09/14/05	3859.17	-	60.42	0.00	3798.75
MW - 17	12/13/05	3859.17	-	60.60	0.00	3798.57
MW - 17	03/15/06	3859.17	-	60.81	0.00	3798.36
MW - 17	06/14/06	3859.17	-	60.98	0.00	3798.19
MW - 17	09/13/06	3859.17	-	61.06	0.00	3798.11
MW - 17	12/06/06	3859.17	-	61.13	0.00	3798.04
MW - 17	03/01/07	3859.17	-	61.17	0.00	3798.00
MW - 17	05/24/07	3859.17	-	61.22	0.00	3797.95
MW - 17	08/23/07	3859.17	-	61.27	0.00	3797.90
MW - 17	11/08/07	3859.17	-	61.36	0.00	3797.81
MW - 17	03/04/08	3859.17	-	61.44	0.00	3797.73
MW - 17	06/11/08	3859.17	-	61.52	0.00	3797.65
MW - 17	09/09/08	3859.17	-	61.60	0.00	3797.57

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 17	12/11/08	3859.17	-	61.89	0.00	3797.28
MW - 17	02/26/09	3859.17	-	61.77	0.00	3797.40
MW - 17	05/21/09	3859.17	-	61.82	0.00	3797.35
MW - 17	08/18/09	3859.17	-	61.88	0.00	3797.29
MW - 17	12/10/09	3859.17	-	61.94	0.00	3797.23
MW - 17	01/06/10	3859.17	-	61.97	0.00	3797.20
MW - 17	02/22/10	3859.17	-	61.99	0.00	3797.18
MW - 17	06/04/10	3859.17	-	62.06	0.00	3797.11
MW - 17	08/26/10	3859.17	-	62.09	0.00	3797.08
MW - 17	11/30/10	3859.17	-	61.96	0.00	3797.21
MW - 17	03/08/11	3859.17	-	61.94	0.00	3797.23
MW - 17	05/25/11	3859.17	-	61.92	0.00	3797.25
MW - 17	08/18/11	3859.17	-	62.30	0.00	3796.87
MW - 17	11/15/11	3859.17	-	62.28	0.00	3796.89
MW - 17	02/29/12	3859.17	-	62.45	0.00	3796.72
MW - 17	05/01/12	3859.17	-	62.51	0.00	3796.66
MW - 17	08/10/12	3859.17	-	62.86	0.00	3796.31
MW - 17	11/27/12	3859.17	-	62.79	0.00	3796.38
MW - 17	02/21/13	3859.17	-	62.89	0.00	3796.28
MW - 17	05/15/13	3859.17	-	62.96	0.00	3796.21
MW - 17	08/21/13	3859.17		63.02	0.00	3796.15
MW - 17	11/11/13	3859.17		63.10	0.00	3796.07
MW - 17	02/20/14	3859.17		63.21	0.00	3795.96
MW - 17	05/20/14	3859.17	-	63.27	0.00	3795.90
MW - 17	07/29/14	3859.17	-	63.33	0.00	3795.84
MW - 17	08/19/14	3859.17	-	63.34	0.00	3795.83
MW - 17	10/30/14	3859.17	-	63.42	0.00	3795.75
MW - 17	11/24/14	3859.17	-	63.43	0.00	3795.74
MW - 17	02/11/15	3859.17	-	63.47	0.00	3795.70
MW - 17	03/11/15	3859.17	-	63.49	0.00	3795.68
MW - 17	04/17/15	3859.17	-	62.31	0.00	3796.86
MW - 17	05/19/15	3859.17	-	63.52	0.00	3795.65
MW - 17	07/31/15	3859.17	-	63.59	0.00	3795.58
MW - 17	08/12/15	3859.17	-	63.59	0.00	3795.58
MW - 17	09/11/15	3859.17	-	63.64	0.00	3795.53
MW - 17	11/11/15	3859.17	-	63.68	0.00	3795.49
MW - 17	02/02/16	3859.17	-	63.74	0.00	3795.43
MW - 17	04/28/16	3859.17	-	63.80	0.00	3795.37
MW - 17	05/10/16	3859.17	-	63.82	0.00	3795.35
MW - 17	07/01/16	3859.17	-	63.87	0.00	3795.30

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 17	07/29/16	3859.17	-	63.86	0.00	3795.31
MW - 17	08/09/16	3859.17	-	63.88	0.00	3795.29
MW - 17	09/15/16	3859.17	-	63.90	0.00	3795.27
MW - 17	11/16/16	3859.17	-	63.98	0.00	3795.19
MW - 17	12/14/16	3859.17	-	64.01	0.00	3795.16
MW - 17	01/20/17	3859.17	-	64.04	0.00	3795.13
MW - 17	02/22/17	3859.17	-	64.08	0.00	3795.09
MW - 17	05/16/17	3859.17	-	64.21	0.00	3794.96
MW - 17	06/09/17	3859.17	-	64.24	0.00	3794.93
MW - 17	07/26/17	3859.17	-	64.22	0.00	3794.95
MW - 17	08/22/17	3859.17	-	64.36	0.00	3794.81
MW - 17	10/10/17	3859.17	-	64.52	0.00	3794.65
MW - 17	11/29/17	3859.17	-	64.55	0.00	3794.62
MW - 17	01/08/18	3859.17	-	64.58	0.00	3794.59
MW - 17	02/14/18	3859.17	-	64.66	0.00	3794.51
MW - 17	04/30/18	3859.17	-	64.78	0.00	3794.39
MW - 17	05/16/18	3859.17	-	64.81	0.00	3794.36
MW - 17	07/05/18	3859.17	-	64.88	0.00	3794.29
MW - 17	07/26/18	3859.17	-	64.89	0.00	3794.28
MW - 17	08/16/18	3859.17	-	64.94	0.00	3794.23
MW - 17	11/28/18	3859.17	-	65.11	0.00	3794.06
MW - 17	12/27/18	3859.17	-	65.15	0.00	3794.02
MW - 17	01/17/19	3859.17	-	65.21	0.00	3793.96
MW - 17	02/21/19	3859.17	-	65.25	0.00	3793.92
MW - 17	04/04/19	3859.17	-	66.31	0.00	3792.86
MW - 17	05/30/19	3859.17	-	65.35	0.00	3793.82
MW - 17	08/28/19	3859.17	-	65.48	0.00	3793.69
MW - 17	10/31/19	3859.17	-	65.59	0.00	3793.58
MW - 17	03/18/20	3859.17	-	65.79	0.00	3793.38
MW - 17	05/13/20	3859.17	-	65.88	0.00	3793.29
MW - 17	06/09/20	3859.17	-	65.91	0.00	3793.26
MW - 17	07/16/20	3859.17	-	65.96	0.00	3793.21
MW - 17	08/25/20	3859.17	-	66.01	0.00	3793.16
MW - 17	12/16/20	3859.17	-	66.15	0.00	3793.02
MW - 17	01/28/21	3859.17	-	66.19	0.00	3792.98
MW - 17	03/22/21	3859.17	-	66.27	0.00	3792.90
MW - 17	06/22/21	3859.17	-	66.37	0.00	3792.80
MW - 17	07/22/21	3859.17	-	66.42	0.00	3792.75
MW - 17	09/09/21	3859.17	-	66.42	0.00	3792.75
MW - 17	10/26/21	3859.17	-	66.53	0.00	3792.64

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 17	12/14/21	3859.17	-	-	0.00	Dry
MW - 18	03/24/00	3859.98	-	59.15	0.00	3800.83
MW - 18	06/14/00	3859.98	-	59.42	0.00	3800.56
MW - 18	09/22/00	3859.98	-	58.97	0.00	3801.01
MW - 18	12/28/00	3859.98	-	59.02	0.00	3800.96
MW - 18	03/14/01	3859.98	-	59.15	0.00	3800.83
MW - 18	06/06/01	3859.98	-	59.20	0.00	3800.78
MW - 18	09/28/01	3859.98	-	59.43	0.00	3800.55
MW - 18	11/17/01	3859.98	-	59.44	0.00	3800.54
MW - 18	03/26/02	3859.98	-	59.94	0.00	3800.04
MW - 18	06/26/02	3859.98	-	59.75	0.00	3800.23
MW - 18	09/25/02	3859.98	-	59.86	0.00	3800.12
MW - 18	12/10/02	3859.98	-	59.89	0.00	3800.09
MW - 18	03/10/03	3859.98	-	59.96	0.00	3800.02
MW - 18	06/09/03	3859.98	-	60.05	0.00	3799.93
MW - 18	09/03/03	3859.98	-	60.15	0.00	3799.83
MW - 18	12/08/03	3859.98	-	60.26	0.00	3799.72
MW - 18	03/01/04	3859.98	-	60.35	0.00	3799.63
MW - 18	05/19/04	3859.98	-	60.43	0.00	3799.55
MW - 18	08/26/04	3859.98	-	60.48	0.00	3799.50
MW - 18	12/09/04	3859.98	-	59.72	0.00	3800.26
MW - 18	03/17/05	3859.98	-	59.47	0.00	3800.51
MW - 18	06/15/05	3859.98	-	59.62	0.00	3800.36
MW - 18	09/14/05	3859.98	-	59.80	0.00	3800.18
MW - 18	12/13/05	3859.98	-	60.01	0.00	3799.97
MW - 18	03/15/06	3859.98	-	60.23	0.00	3799.75
MW - 18	06/14/06	3859.98	-	60.39	0.00	3799.59
MW - 18	09/13/06	3859.98	-	60.52	0.00	3799.46
MW - 18	12/05/06	3859.98	-	60.56	0.00	3799.42
MW - 18	03/01/07	3859.98	-	60.63	0.00	3799.35
MW - 18	05/24/07	3859.98	-	60.70	0.00	3799.28
MW - 18	06/21/07	3859.98	-	60.71	0.00	3799.27
MW - 18	08/23/07	3859.98	-	60.78	0.00	3799.20
MW - 18	11/08/07	3859.98	-	60.84	0.00	3799.14
MW - 18	03/04/08	3859.98	-	60.96	0.00	3799.02
MW - 18	06/11/08	3859.98	-	61.00	0.00	3798.98
MW - 18	09/09/08	3859.98	-	61.12	0.00	3798.86
MW - 18	12/11/08	3859.98	-	61.39	0.00	3798.59
MW - 18	02/27/09	3859.98	-	61.26	0.00	3798.72

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 18	05/21/09	3859.98	-	61.34	0.00	3798.64
MW - 18	08/18/09	3859.98	-	61.39	0.00	3798.59
MW - 18	12/09/09	3859.98	-	61.46	0.00	3798.52
MW - 18	01/06/10	3859.98	-	61.49	0.00	3798.49
MW - 18	02/22/10	3859.98	-	61.51	0.00	3798.47
MW - 18	06/04/10	3859.98	-	61.58	0.00	3798.40
MW - 18	08/26/10	3859.98	-	61.58	0.00	3798.40
MW - 18	11/30/10	3859.98	-	61.48	0.00	3798.50
MW - 18	03/08/11	3859.98	-	61.47	0.00	3798.51
MW - 18	05/25/11	3859.98	-	61.48	0.00	3798.50
MW - 18	08/18/11	3859.98	-	61.85	0.00	3798.13
MW - 18	11/15/11	3859.98	-	61.83	0.00	3798.15
MW - 18	02/29/12	3859.98	-	61.99	0.00	3797.99
MW - 18	05/01/12	3859.98	-	62.06	0.00	3797.92
MW - 18	08/10/12	3859.98	-	62.41	0.00	3797.57
MW - 18	11/27/12	3859.98	-	62.33	0.00	3797.65
MW - 18	02/21/13	3859.98	-	62.43	0.00	3797.55
MW - 18	05/15/13	3859.98	-	62.50	0.00	3797.48
MW - 18	08/20/13	3859.98	-	62.61	0.00	3797.37
MW - 18	11/11/13	3859.98	-	62.66	0.00	3797.32
MW - 18	02/19/14	3859.98	-	62.76	0.00	3797.22
MW - 18	05/20/14	3859.98	-	63.78	0.00	3796.20
MW - 18	07/29/14	3859.98	-	62.90	0.00	3797.08
MW - 18	08/28/14	3859.98	-	62.93	0.00	3797.05
MW - 18	10/30/14	3859.98	-	62.95	0.00	3797.03
MW - 18	11/24/14	3859.98	-	62.96	0.00	3797.02
MW - 18	02/10/15	3859.98	-	63.01	0.00	3796.97
MW - 18	03/11/15	3859.98	-	63.04	0.00	3796.94
MW - 18	04/17/15	3859.98	-	62.28	0.00	3797.70
MW - 18	05/19/15	3859.98	-	63.08	0.00	3796.90
MW - 18	07/31/15	3859.98	-	63.16	0.00	3796.82
MW - 18	08/12/15	3859.98	-	63.18	0.00	3796.80
MW - 18	09/11/15	3859.98	-	63.22	0.00	3796.76
MW - 18	11/10/15	3859.98	-	63.24	0.00	3796.74
MW - 18	02/02/16	3859.98	-	63.32	0.00	3796.66
MW - 18	04/28/16	3859.98	-	63.38	0.00	3796.60
MW - 18	05/10/16	3859.98	-	63.40	0.00	3796.58
MW - 18	07/01/16	3859.98	-	63.46	0.00	3796.52
MW - 18	07/29/16	3859.98	-	63.06	0.00	3796.92
MW - 18	08/08/16	3859.98	-	63.48	0.00	3796.50

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 18	09/15/16	3859.98	-	63.50	0.00	3796.48
MW - 18	11/15/16	3859.98	-	63.59	0.00	3796.39
MW - 18	12/14/16	3859.98	-	63.66	0.00	3796.32
MW - 18	01/20/17	3859.98	-	63.67	0.00	3796.31
MW - 18	02/21/17	3859.98	-	63.69	0.00	3796.29
MW - 18	05/16/17	3859.98	-	63.82	0.00	3796.16
MW - 18	06/09/17	3859.98	-	64.86	0.00	3795.12
MW - 18	07/26/17	3859.98	-	64.87	0.00	3795.11
MW - 18	08/22/17	3859.98	-	64.00	0.00	3795.98
MW - 18	10/10/17	3859.98	-	64.08	0.00	3795.90
MW - 18	11/28/17	3859.98	-	64.15	0.00	3795.83
MW - 18	01/08/18	3859.98	-	64.24	0.00	3795.74
MW - 18	02/13/18	3859.98	-	64.28	0.00	3795.70
MW - 18	04/30/18	3859.98	-	64.42	0.00	3795.56
MW - 18	05/16/18	3859.98	-	64.44	0.00	3795.54
MW - 18	07/05/18	3859.98	-	64.53	0.00	3795.45
MW - 18	07/26/18	3859.98	-	64.52	0.00	3795.46
MW - 18	08/15/18	3859.98	-	64.59	0.00	3795.39
MW - 18	11/27/18	3859.98	-	64.76	0.00	3795.22
MW - 18	12/27/18	3859.98	-	64.82	0.00	3795.16
MW - 18	01/17/19	3859.98	-	64.86	0.00	3795.12
MW - 18	02/20/19	3859.98	-	64.89	0.00	3795.09
MW - 18	04/04/19	3859.98	-	64.96	0.00	3795.02
MW - 18	05/29/19	3859.98	-	65.03	0.00	3794.95
MW - 18	08/27/19	3859.98	-	65.17	0.00	3794.81
MW - 18	10/30/19	3859.98	-	65.28	0.00	3794.70
MW - 18	03/17/20	3859.98	-	65.56	0.00	3794.42
MW - 18	05/13/20	3859.98	-	65.65	0.00	3794.33
MW - 18	06/09/20	3859.98	-	65.69	0.00	3794.29
MW - 18	07/16/20	3859.98	-	65.74	0.00	3794.24
MW - 18	08/26/20	3859.98	-	65.80	0.00	3794.18
MW - 18	12/17/20	3859.98	-	Dry		
MW - 18	01/28/21	3859.98	-	66.06	0.00	3793.92
MW - 18	03/24/21	3859.98	-	66.15	0.00	3793.83
MW - 18	06/23/21	3859.98	-	66.19	0.00	3793.79
MW - 18	07/22/21	3859.98	-	Dry		
MW - 18	09/10/21	3859.98	-	Dry		
MW - 18	10/26/21	3859.98	-	Dry		
MW - 18	12/15/21	3859.98	-	Dry		

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 19	03/24/00	3862.30	-	57.97	0.00	3804.33
MW - 19	06/14/00	3862.30	-	60.41	0.00	3801.89
MW - 19	09/22/00	3862.30	-	59.64	0.00	3802.66
MW - 19	12/28/00	3862.30	-	59.83	0.00	3802.47
MW - 19	03/14/01	3862.30	-	58.92	0.00	3803.38
MW - 19	09/28/01	3862.30	-	59.19	0.00	3803.11
MW - 19	11/17/01	3862.30	-	60.35	0.00	3801.95
MW - 19	03/26/02	3862.30	-	60.64	0.00	3801.66
MW - 19	06/26/02	3862.30	-	60.59	0.00	3801.71
MW - 19	09/25/02	3862.30	-	60.73	0.00	3801.57
MW - 19	12/10/02	3862.30	-	60.76	0.00	3801.54
MW - 19	03/10/03	3862.30	-	60.83	0.00	3801.47
MW - 19	06/09/03	3862.30	-	60.92	0.00	3801.38
MW - 19	09/03/03	3862.30	-	61.02	0.00	3801.28
MW - 19	12/08/03	3862.30	-	61.14	0.00	3801.16
MW - 19	03/01/04	3862.30	-	61.24	0.00	3801.06
MW - 19	05/19/04	3862.30	-	61.15	0.00	3801.15
MW - 19	08/26/04	3862.30	-	61.33	0.00	3800.97
MW - 19	12/09/04	3862.30	-	60.10	0.00	3802.20
MW - 19	03/17/05	3862.30	-	60.14	0.00	3802.16
MW - 19	06/15/05	3862.30	-	60.40	0.00	3801.90
MW - 19	09/14/05	3862.30	-	60.61	0.00	3801.69
MW - 19	12/13/05	3862.30	-	60.84	0.00	3801.46
MW - 19	03/15/06	3862.30	-	61.05	0.00	3801.25
MW - 19	06/14/06	3862.30	-	61.23	0.00	3801.07
MW - 19	09/13/06	3862.30	-	61.36	0.00	3800.94
MW - 19	12/06/06	3862.30	-	61.44	0.00	3800.86
MW - 19	03/01/07	3862.30	-	65.56	0.00	3796.74
MW - 19	05/24/07	3862.30	-	61.57	0.00	3800.73
MW - 19	08/23/07	3862.30	-	61.65	0.00	3800.65
MW - 19	11/08/07	3862.30	-	61.73	0.00	3800.57
MW - 19	03/04/08	3862.30	-	61.82	0.00	3800.48
MW - 19	06/11/08	3862.30	-	61.89	0.00	3800.41
MW - 19	09/09/08	3862.30	-	62.02	0.00	3800.28
MW - 19	12/11/08	3862.30	-	63.20	0.00	3799.10
MW - 19	02/27/09	3862.30	-	62.15	0.00	3800.15
MW - 19	05/21/09	3862.30	-	62.24	0.00	3800.06
MW - 19	08/18/09	3862.30	-	62.23	0.00	3800.07
MW - 19	12/09/09	3862.30	-	62.34	0.00	3799.96
MW - 19	01/06/10	3862.30	-	62.36	0.00	3799.94

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 19	02/22/10	3862.30	-	62.41	0.00	3799.89
MW - 19	06/04/10	3862.30	-	62.50	0.00	3799.80
MW - 19	08/26/10	3862.30	-	62.52	0.00	3799.78
MW - 19	11/30/10	3862.30	-	62.33	0.00	3799.97
MW - 19	03/09/11	3862.30	-	62.30	0.00	3800.00
MW - 19	05/25/11	3862.30	-	62.28	0.00	3800.02
MW - 19	08/18/11	3862.30	-	62.65	0.00	3799.65
MW - 19	11/15/11	3862.30	-	62.75	0.00	3799.55
MW - 19	02/29/12	3862.30	-	62.94	0.00	3799.36
MW - 19	05/01/12	3862.30	-	63.00	0.00	3799.30
MW - 19	08/10/12	3862.30	-	63.36	0.00	3798.94
MW - 19	11/27/12	3862.30	-	63.28	0.00	3799.02
MW - 19	02/21/13	3862.30	-	63.38	0.00	3798.92
MW - 19	05/15/13	3862.30	-	63.45	0.00	3798.85
MW - 19	08/20/13	3862.30	-	63.54	0.00	3798.76
MW - 19	11/11/13	3862.30	-	63.60	0.00	3798.70
MW - 19	02/19/14	3862.30	-	63.72	0.00	3798.58
MW - 19	05/20/14	3862.30	-	62.84	0.00	3799.46
MW - 19	07/29/14	3862.30	-	63.86	0.00	3798.44
MW - 19	08/19/14	3862.30	-	62.91	0.00	3799.39
MW - 19	10/30/14	3862.30	-	63.87	0.00	3798.43
MW - 19	11/24/14	3862.30	-	63.91	0.00	3798.39
MW - 19	02/10/15	3862.30	-	63.96	0.00	3798.34
MW - 19	03/11/15	3862.30	-	63.98	0.00	3798.32
MW - 19	04/17/15	3862.30	-	61.88	0.00	3800.42
MW - 19	05/19/15	3862.30	-	64.03	0.00	3798.27
MW - 19	07/31/15	3862.30	-	64.11	0.00	3798.19
MW - 19	08/12/15	3862.30	-	64.12	0.00	3798.18
MW - 19	09/11/15	3862.30	-	64.16	0.00	3798.14
MW - 19	11/10/15	3862.30	-	64.21	0.00	3798.09
MW - 19	02/02/16	3862.30	-	64.28	0.00	3798.02
MW - 19	04/28/16	3862.30	-	64.35	0.00	3797.95
MW - 19	05/10/16	3862.30	-	64.36	0.00	3797.94
MW - 19	07/01/16	3862.30	-	64.43	0.00	3797.87
MW - 19	07/29/16	3862.30	-	63.48	0.00	3798.82
MW - 19	08/08/16	3862.30	-	64.44	0.00	3797.86
MW - 19	09/15/16	3862.30	-	64.49	0.00	3797.81
MW - 19	11/15/16	3862.30	-	64.56	0.00	3797.74
MW - 19	12/14/16	3862.30	-	64.63	0.00	3797.67
MW - 19	01/20/17	3862.30	-	64.66	0.00	3797.64

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 19	02/21/17	3862.30	-	64.70	0.00	3797.60
MW - 19	05/16/17	3862.30	-	64.82	0.00	3797.48
MW - 19	07/26/17	3862.30	-	64.96	0.00	3797.34
MW - 19	08/22/17	3862.30	-	65.01	0.00	3797.29
MW - 19	10/10/17	3862.30	-	65.13	0.00	3797.17
MW - 19	11/27/17	3862.30	-	65.20	0.00	3797.10
MW - 19	01/08/18	3862.30	-	65.28	0.00	3797.02
MW - 19	02/13/18	3862.30	-	65.33	0.00	3796.97
MW - 19	04/30/18	3862.30	-	65.45	0.00	3796.85
MW - 19	05/16/18	3862.30	-	65.48	0.00	3796.82
MW - 19	07/05/18	3862.30	-	65.58	0.00	3796.72
MW - 19	07/26/18	3862.30	-	65.14	0.00	3797.16
MW - 19	08/15/18	3862.30	-	65.64	0.00	3796.66
MW - 19	11/27/18	3862.30	-	65.80	0.00	3796.50
MW - 19	12/27/18	3862.30	-	65.85	0.00	3796.45
MW - 19	01/17/19	3862.30	-	65.91	0.00	3796.39
MW - 19	02/20/19	3862.30	-	65.95	0.00	3796.35
MW - 19	04/04/19	3862.30	-	66.02	0.00	3796.28
MW - 19	05/29/19	3862.30	-	66.09	0.00	3796.21
MW - 19	08/27/19	3862.30	-	66.24	0.00	3796.06
MW - 19	10/29/19	3862.30	-	66.37	0.00	3795.93
MW - 19	03/17/20	3862.30	-	66.63	0.00	3795.67
MW - 19	05/13/20	3862.30	-	66.72	0.00	3795.58
MW - 19	06/09/20	3862.30	-	66.77	0.00	3795.53
MW - 19	07/16/20	3862.30	-	66.81	0.00	3795.49
MW - 19	08/25/20	3862.30	-	66.87	0.00	3795.43
MW - 19	12/17/20	3862.30	-	Dry		
MW - 19	01/28/21	3862.30	-	67.12	0.00	3795.18
MW - 19	03/24/21	3862.30	-	67.22	0.00	3795.08
MW - 19	06/23/21	3862.30	-	-	0.00	-
MW - 19	07/22/21	3862.30	-	67.34	0.00	3794.96
MW - 19	09/10/21	3862.30	-	Dry		
MW - 19	10/26/21	3862.30	-	67.37		
MW - 19	12/15/21	3862.30	-	Dry		
MW - 20	03/24/00	3861.30	-	59.13	0.00	3802.17
MW - 20	06/14/00	3861.30	-	59.54	0.00	3801.76
MW - 20	09/22/00	3861.30	-	58.84	0.00	3802.46
MW - 20	12/28/00	3861.30	-	59.01	0.00	3802.29
MW - 20	03/14/01	3861.30	-	59.11	0.00	3802.19

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 20	06/06/01	3861.30	-	59.20	0.00	3802.10
MW - 20	09/28/01	3861.30	-	59.34	0.00	3801.96
MW - 20	11/17/01	3861.30	-	59.53	0.00	3801.77
MW - 20	03/26/02	3861.30	-	59.80	0.00	3801.50
MW - 20	06/26/02	3861.30	-	59.75	0.00	3801.55
MW - 20	09/25/02	3861.30	-	59.91	0.00	3801.39
MW - 20	12/10/02	3861.30	-	59.92	0.00	3801.38
MW - 20	03/10/03	3861.30	-	59.98	0.00	3801.32
MW - 20	06/09/03	3861.30	-	60.09	0.00	3801.21
MW - 20	09/03/03	3861.30	-	60.19	0.00	3801.11
MW - 20	12/08/03	3861.30	-	60.30	0.00	3801.00
MW - 20	03/01/04	3861.30	-	60.41	0.00	3800.89
MW - 20	05/19/04	3861.30	-	60.35	0.00	3800.95
MW - 20	08/26/04	3861.30	-	60.52	0.00	3800.78
MW - 20	12/09/04	3861.30	-	59.39	0.00	3801.91
MW - 20	03/17/05	3861.30	-	59.35	0.00	3801.95
MW - 20	06/15/05	3861.30	-	59.59	0.00	3801.71
MW - 20	09/14/05	PLUGGED & ABANDONED				
MW - 21	03/24/00	3862.30	-	59.25	0.00	3803.05
MW - 21	06/14/00	3862.30	-	59.70	0.00	3802.60
MW - 21	09/22/00	3862.30	-	58.84	0.00	3803.46
MW - 21	12/28/00	3862.30	-	59.06	0.00	3803.24
MW - 21	03/14/01	3862.30	-	59.16	0.00	3803.14
MW - 21	06/06/01	3862.30	-	59.29	0.00	3803.01
MW - 21	09/28/01	3862.30	-	59.40	0.00	3802.90
MW - 21	11/17/01	3862.30	-	59.60	0.00	3802.70
MW - 21	03/26/02	3862.30	-	59.89	0.00	3802.41
MW - 21	06/26/02	3862.30	-	59.83	0.00	3802.47
MW - 21	09/25/02	3862.30	-	60.01	0.00	3802.29
MW - 21	12/10/02	3862.30	-	60.02	0.00	3802.28
MW - 21	03/10/03	3862.30	-	60.09	0.00	3802.21
MW - 21	06/09/03	3862.30	-	60.19	0.00	3802.11
MW - 21	09/03/03	3862.30	-	60.27	0.00	3802.03
MW - 21	12/08/03	3862.30	-	60.39	0.00	3801.91
MW - 21	03/01/04	3862.30	-	60.51	0.00	3801.79
MW - 21	05/19/04	3862.30	-	60.35	0.00	3801.95
MW - 21	08/26/04	3862.30	-	60.59	0.00	3801.71
MW - 21	12/09/04	3862.30	-	59.23	0.00	3803.07
MW - 21	03/17/05	3862.30	-	59.33	0.00	3802.97

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 21	06/15/05	3862.30	-	59.63	0.00	3802.67
MW - 21	09/14/05	3862.30	-	59.88	0.00	3802.42
MW - 21	12/13/05	3862.30	-	60.17	0.00	3802.13
MW - 21	03/15/06	3862.30	-	60.37	0.00	3801.93
MW - 21	06/14/06	3862.30	-	60.56	0.00	3801.74
MW - 21	09/13/06	3862.30	-	60.69	0.00	3801.61
MW - 21	03/01/07	3862.30	-	60.87	0.00	3801.43
MW - 21	05/24/07	3862.30	-	60.96	0.00	3801.34
MW - 21	08/23/07	3862.30	-	61.04	0.00	3801.26
MW - 21	11/08/07	3862.30	-	61.10	0.00	3801.20
MW - 21	03/04/08	3862.30	-	61.20	0.00	3801.10
MW - 21	06/11/08	3862.30	-	61.28	0.00	3801.02
MW - 21	09/09/08	3862.30	-	61.43	0.00	3800.87
MW - 21	12/11/08	3862.30	-	61.54	0.00	3800.76
MW - 21	02/27/09	3862.30	-	61.59	0.00	3800.71
MW - 21	05/21/09	3862.30	-	61.69	0.00	3800.61
MW - 21	08/18/09	3862.30	-	61.64	0.00	3800.66
MW - 21	12/09/09	3862.30	-	61.75	0.00	3800.55
MW - 21	01/06/10	3862.30	-	61.77	0.00	3800.53
MW - 21	02/22/10	3862.30	-	61.82	0.00	3800.48
MW - 21	06/04/10	3862.30	-	61.92	0.00	3800.38
MW - 21	08/26/10	3862.30	-	61.91	0.00	3800.39
MW - 21	11/30/10	3862.30	-	61.75	0.00	3800.55
MW - 21	03/08/11	3862.30	-	61.78	0.00	3800.52
MW - 21	05/25/11	3862.30	-	61.79	0.00	3800.51
MW - 21	08/18/11	3862.30	-	62.16	0.00	3800.14
MW - 21	11/15/11	3862.30	-	62.13	0.00	3800.17
MW - 21	02/29/12	3862.30	-	62.33	0.00	3799.97
MW - 21	05/01/12	3862.30	-	62.39	0.00	3799.91
MW - 21	08/10/12	3862.30	-	62.74	0.00	3799.56
MW - 21	11/27/12	3862.30	-	62.63	0.00	3799.67
MW - 21	02/21/13	3862.30	-	62.74	0.00	3799.56
MW - 21	05/15/13	3862.30	-	62.80	0.00	3799.50
MW - 21	08/20/13	3862.30	-	62.90	0.00	3799.40
MW - 21	11/11/13	3862.30	-	62.97	0.00	3799.33
MW - 21	02/19/14	3862.30	-	63.05	0.00	3799.25
MW - 21	05/20/14	3862.30	-	63.14	0.00	3799.16
MW - 21	07/29/14	3862.30	-	63.20	0.00	3799.10
MW - 21	08/19/14	3862.30	-	63.21	0.00	3799.09
MW - 21	10/30/14	3862.30	-	63.18	0.00	3799.12

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 21	11/24/14	3862.30	-	63.23	0.00	3799.07
MW - 21	02/10/15	3862.30	-	63.31	0.00	3798.99
MW - 21	03/11/15	3862.30	-	63.34	0.00	3798.96
MW - 21	04/17/15	3862.30	-	63.36	0.00	3798.94
MW - 21	05/19/15	3862.30	-	63.39	0.00	3798.91
MW - 21	07/31/15	3862.30	-	63.49	0.00	3798.81
MW - 21	08/12/15	3862.30	-	63.50	0.00	3798.80
MW - 21	09/11/15	3862.30	-	63.54	0.00	3798.76
MW - 21	11/10/15	3862.30	-	63.58	0.00	3798.72
MW - 21	02/02/16	3862.30	-	64.67	0.00	3797.63
MW - 21	04/28/16	3862.30	-	63.73	0.00	3798.57
MW - 21	05/10/16	3862.30	-	63.75	0.00	3798.55
MW - 21	07/01/16	3862.30	-	63.81	0.00	3798.49
MW - 21	07/29/16	3862.30	-	63.85	0.00	3798.45
MW - 21	08/08/16	3862.30	-	63.84	0.00	3798.46
MW - 21	09/15/16	3862.30	-	63.89	0.00	3798.41
MW - 21	11/15/16	3862.30	-	63.98	0.00	3798.32
MW - 21	12/14/16	3862.30	-	64.05	0.00	3798.25
MW - 21	01/20/17	3862.30	-	64.08	0.00	3798.22
MW - 21	02/21/17	3862.30	-	64.11	0.00	3798.19
MW - 21	05/16/17	3862.30	-	64.24	0.00	3798.06
MW - 21	06/09/17	3862.30	-	64.28	0.00	3798.02
MW - 21	07/26/17	3862.30	-	64.23	0.00	3798.07
MW - 21	08/22/17	3862.30	-	64.39	0.00	3797.91
MW - 21	10/10/17	3862.30	-	64.49	0.00	3797.81
MW - 21	11/28/17	3862.30	-	64.27	0.00	3798.03
MW - 21	01/08/18	3862.30	-	64.62	0.00	3797.68
MW - 21	02/13/18	3862.30	-	64.66	0.00	3797.64
MW - 21	04/30/18	3862.30	-	64.78	0.00	3797.52
MW - 21	05/16/18	3862.30	-	64.80	0.00	3797.50
MW - 21	07/05/18	3862.30	-	64.89	0.00	3797.41
MW - 21	07/26/18	3862.30	-	64.93	0.00	3797.37
MW - 21	08/15/18	3862.30	-	64.94	0.00	3797.36
MW - 21	11/27/18	3862.30	-	65.06	0.00	3797.24
MW - 21	12/27/18	3862.30	-	65.12	0.00	3797.18
MW - 21	01/17/19	3862.30	-	65.15	0.00	3797.15
MW - 21	02/20/19	3862.30	-	65.18	0.00	3797.12
MW - 21	04/04/19	3862.30	-	66.27	0.00	3796.03
MW - 21	05/29/19	3862.30	-	65.30	0.00	3797.00
MW - 21	08/27/19	3862.30	-	65.45	0.00	3796.85

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 21	10/29/19	3862.30	-	65.58	0.00	3796.72
MW - 21	03/17/20	3862.30	-	65.85	0.00	3796.45
MW - 21	05/13/20	3862.30	-	65.95	0.00	3796.35
MW - 21	06/09/20	3862.30	-	65.99	0.00	3796.31
MW - 21	07/16/20	3862.30	-	66.04	0.00	3796.26
MW - 21	08/25/20	3862.30	-	66.10	0.00	3796.20
MW - 21	12/17/20	3862.30	-	Dry		
MW - 21	01/28/21	3862.30	-	66.32		3795.98
MW - 21	03/24/21	3862.30	-	66.41		-
MW - 21	06/23/21	3862.30	-	66.54		-
MW - 21	07/22/21	3862.30	-	66.57		-
MW - 21	09/10/21	3862.30	-	Dry		-
MW - 21	10/26/21	3862.30	-	66.51		-
MW - 21	12/15/21	3862.30	-	Dry		-
MW - 22	03/24/00	3864.01	-	57.55	0.00	3806.46
MW - 22	06/14/00	3864.01	-	57.93	0.00	3806.08
MW - 22	09/22/00	3864.01	-	57.13	0.00	3806.88
MW - 22	12/28/00	3864.01	-	57.37	0.00	3806.64
MW - 22	03/14/01	3864.01	-	57.50	0.00	3806.51
MW - 22	06/06/01	3864.01	-	57.55	0.00	3806.46
MW - 22	09/28/01	3864.01	-	57.75	0.00	3806.26
MW - 22	11/17/01	3864.01	-	57.94	0.00	3806.07
MW - 22	03/26/02	3864.01	-	58.20	0.00	3805.81
MW - 22	06/26/02	3864.01	-	58.22	0.00	3805.79
MW - 22	09/25/02	3864.01	-	58.31	0.00	3805.70
MW - 22	12/09/02	3864.01	-	58.34	0.00	3805.67
MW - 22	03/10/03	3864.01	-	58.39	0.00	3805.62
MW - 22	06/09/03	3864.01	-	58.53	0.00	3805.48
MW - 22	09/03/03	3864.01	-	58.65	0.00	3805.36
MW - 22	12/08/03	3864.01	-	58.75	0.00	3805.26
MW - 22	03/01/04	3864.01	-	58.90	0.00	3805.11
MW - 22	05/19/04	3864.01	-	58.81	0.00	3805.20
MW - 22	08/26/04	3864.01	-	59.00	0.00	3805.01
MW - 22	12/09/04	3864.01	-	57.70	0.00	3806.31
MW - 22	03/17/05	3864.01	-	57.60	0.00	3806.41
MW - 22	06/15/05	3864.01	-	57.92	0.00	3806.09
MW - 22	09/14/05	PLUGGED & ABANDONED				
MW - 23	03/24/00	3862.44	-	56.34	0.00	3806.10

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 23	06/14/00	3862.44	-	56.58	0.00	3805.86
MW - 23	09/22/00	3862.44	-	56.20	0.00	3806.24
MW - 23	12/28/00	3862.44	-	56.32	0.00	3806.12
MW - 23	03/14/01	3862.44	-	56.83	0.00	3805.61
MW - 23	06/06/01	3862.44	-	56.50	0.00	3805.94
MW - 23	09/28/01	3862.44	-	56.56	0.00	3805.88
MW - 23	11/17/01	3862.44	-	56.79	0.00	3805.65
MW - 23	03/26/02	3862.44	-	57.00	0.00	3805.44
MW - 23	06/26/02	3862.44	-	57.07	0.00	3805.37
MW - 23	09/25/02	3862.44	-	57.23	0.00	3805.21
MW - 23	12/09/02	3862.44	-	57.25	0.00	3805.19
MW - 23	03/10/03	3862.44	-	57.34	0.00	3805.10
MW - 23	06/09/03	3862.44	-	57.45	0.00	3804.99
MW - 23	09/03/03	3862.44	-	57.57	0.00	3804.87
MW - 23	12/08/03	3862.44	-	57.70	0.00	3804.74
MW - 23	03/01/04	3862.44	-	57.84	0.00	3804.60
MW - 23	05/19/04	3862.44	-	57.91	0.00	3804.53
MW - 23	08/26/04	3862.44	-	58.04	0.00	3804.40
MW - 23	12/09/04	3862.44	-	57.00	0.00	3805.44
MW - 23	03/17/05	3862.44	-	56.70	0.00	3805.74
MW - 23	06/15/05	3862.44	-	56.96	0.00	3805.48
MW - 23	09/14/05	3862.44	-	57.26	0.00	3805.18
MW - 23	12/13/05	3862.44	-	57.60	0.00	3804.84
MW - 23	03/15/06	3862.44	-	57.81	0.00	3804.63
MW - 23	06/14/06	3862.44	-	57.99	0.00	3804.45
MW - 23	09/13/06	3862.44	-	58.12	0.00	3804.32
MW - 23	12/05/06	3862.44	-	58.22	0.00	3804.22
MW - 23	03/01/07	3862.44	-	58.32	0.00	3804.12
MW - 23	05/24/07	3862.44	-	58.41	0.00	3804.03
MW - 23	08/23/07	3862.44	-	58.45	0.00	3803.99
MW - 23	11/08/07	3862.44	-	58.54	0.00	3803.90
MW - 23	03/04/08	3862.44	-	58.65	0.00	3803.79
MW - 23	06/11/08	3862.44	-	58.76	0.00	3803.68
MW - 23	09/09/08	3862.44	-	58.93	0.00	3803.51
MW - 23	12/11/08	3862.44	-	59.03	0.00	3803.41
MW - 23	02/26/09	3862.44	-	59.12	0.00	3803.32
MW - 23	05/21/09	3862.44	-	59.75	0.00	3802.69
MW - 23	08/18/09	3862.44	-	59.28	0.00	3803.16
MW - 23	12/09/09	3862.44	-	59.37	0.00	3803.07
MW - 23	01/06/10	3862.44	-	59.39	0.00	3803.05

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 23	02/22/10	3862.44	-	59.41	0.00	3803.03
MW - 23	06/04/10	3862.44	-	59.51	0.00	3802.93
MW - 23	08/26/10	3862.44	-	59.53	0.00	3802.91
MW - 23	11/30/10	3862.44	-	59.37	0.00	3803.07
MW - 23	03/08/11	3862.44	-	59.35	0.00	3803.09
MW - 23	05/25/11	3862.44	-	59.35	0.00	3803.09
MW - 23	08/18/11	3862.44	-	59.71	0.00	3802.73
MW - 23	11/15/11	3862.44	-	59.75	0.00	3802.69
MW - 23	02/29/12	3862.44	-	59.89	0.00	3802.55
MW - 23	05/01/12	3862.44	-	59.96	0.00	3802.48
MW - 23	08/10/12	3862.44	-	60.31	0.00	3802.13
MW - 23	11/27/12	3862.44	-	60.18	0.00	3802.26
MW - 23	02/21/13	3862.44	-	60.28	0.00	3802.16
MW - 23	05/15/13	3862.44	-	60.35	0.00	3802.09
MW - 23	08/20/13	3862.44	-	60.45	0.00	3801.99
MW - 23	11/11/13	3862.44	-	60.53	0.00	3801.91
MW - 23	02/19/14	3862.44	-	60.60	0.00	3801.84
MW - 23	05/20/14	3862.44	-	60.67	0.00	3801.77
MW - 23	07/29/14	3862.44	-	60.73	0.00	3801.71
MW - 23	08/19/14	3862.44	-	60.75	0.00	3801.69
MW - 23	10/30/14	3862.44	-	60.82	0.00	3801.62
MW - 23	11/24/14	3862.44	-	60.83	0.00	3801.61
MW - 23	02/10/15	3862.44	-	60.88	0.00	3801.56
MW - 23	03/11/15	3862.44	-	60.94	0.00	3801.50
MW - 23	04/17/15	3862.44	-	60.97	0.00	3801.47
MW - 23	05/19/15	3862.44	-	61.00	0.00	3801.44
MW - 23	07/31/15	3862.44	-	61.09	0.00	3801.35
MW - 23	08/12/15	3862.44	-	61.09	0.00	3801.35
MW - 23	09/11/15	3862.44	-	61.14	0.00	3801.30
MW - 23	11/10/15	3862.44	-	61.16	0.00	3801.28
MW - 23	02/02/16	3862.44	-	61.25	0.00	3801.19
MW - 23	04/28/16	3862.44	-	61.31	0.00	3801.13
MW - 23	05/10/16	3862.44	-	61.35	0.00	3801.09
MW - 23	07/01/16	3862.44	-	61.43	0.00	3801.01
MW - 23	07/29/16	3862.44	-	61.49	0.00	3800.95
MW - 23	08/08/16	3862.44	-	61.49	0.00	3800.95
MW - 23	11/15/16	3862.44	-	61.68	0.00	3800.76
MW - 23	12/14/16	3862.44	-	61.72	0.00	3800.72
MW - 23	01/20/17	3862.44	-	61.78	0.00	3800.66
MW - 23	02/21/17	3862.44	-	61.79	0.00	3800.65

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 23	05/16/17	3862.44	-	61.90	0.00	3800.54
MW - 23	06/09/17	3862.44	-	61.93	0.00	3800.51
MW - 23	07/26/17	3862.44	-	61.91	0.00	3800.53
MW - 23	08/22/17	3862.44	-	62.00	0.00	3800.44
MW - 23	10/10/17	3862.44	-	62.11	0.00	3800.33
MW - 23	11/28/17	3862.44	-	62.20	0.00	3800.24
MW - 23	01/08/18	3862.44	-	62.23	0.00	3800.21
MW - 23	02/13/18	3862.44	-	62.26	0.00	3800.18
MW - 23	04/30/18	3862.44	-	62.39	0.00	3800.05
MW - 23	05/16/18	3862.44	-	62.41	0.00	3800.03
MW - 23	07/05/18	3862.44	-	62.44	0.00	3800.00
MW - 23	07/26/18	3862.44	-	62.51	0.00	3799.93
MW - 23	08/15/18	3862.44	-	62.51	0.00	3799.93
MW - 23	11/27/18	3862.44	-	62.57	0.00	3799.87
MW - 23	12/27/18	3862.44	-	62.62	0.00	3799.82
MW - 23	01/17/19	3862.44	-	62.64	0.00	3799.80
MW - 23	02/20/19	3862.44	-	62.65	0.00	3799.79
MW - 23	04/04/19	3862.44	-	62.73	0.00	3799.71
MW - 23	05/29/19	3862.44	-	62.80	0.00	3799.64
MW - 23	08/27/19	3862.44	-	62.96	0.00	3799.48
MW - 23	10/29/19	3862.44	-	63.11	0.00	3799.33
MW - 23	03/17/20	3862.44	-	63.36	0.00	3799.08
MW - 23	05/13/20	3862.44	-	63.44	0.00	3799.00
MW - 23	06/09/20	3862.44	-	63.50	0.00	3798.94
MW - 23	07/16/20	3862.44	-	63.53	0.00	3798.91
MW - 23	08/25/20	3862.44	-	63.59	0.00	3798.85
MW - 23	12/17/20	3862.44	-	63.75	0.00	3798.69
MW - 23	01/28/21	3862.44	-	63.80	0.00	3798.64
MW - 23	03/22/21	3862.44	-	63.89	0.00	3798.55
MW - 23	06/21/21	3862.44	-	64.02	0.00	3798.42
MW - 23	07/22/21	3862.44	-	64.04	0.00	3798.40
MW - 23	09/09/21	3862.44	-	64.08	0.00	3798.36
MW - 23	10/26/21	3862.44	-	64.10	0.00	3798.34
MW - 23	12/15/21	3862.44	-	64.20	0.00	3798.24
MW - 24	03/24/00	3864.36	-	57.31	0.00	3807.05
MW - 24	06/14/00	3864.36	-	57.59	0.00	3806.77
MW - 24	09/22/00	3864.36	-	57.09	0.00	3807.27
MW - 24	12/28/00	3864.36	-	57.23	0.00	3807.13
MW - 24	03/14/01	3864.36	-	57.30	0.00	3807.06

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 24	06/06/01	3864.36	-	57.38	0.00	3806.98
MW - 24	09/28/01	3864.36	-	57.58	0.00	3806.78
MW - 24	11/17/01	3864.36	-	57.75	0.00	3806.61
MW - 24	03/26/02	3864.36	-	57.94	0.00	3806.42
MW - 24	06/26/02	3864.36	-	57.98	0.00	3806.38
MW - 24	09/25/02	3864.36	-	58.14	0.00	3806.22
MW - 24	12/09/02	3864.36	-	58.16	0.00	3806.20
MW - 24	03/10/03	3864.36	-	58.22	0.00	3806.14
MW - 24	06/09/03	3864.36	-	58.32	0.00	3806.04
MW - 24	09/03/03	3864.36	-	58.49	0.00	3805.87
MW - 24	12/08/03	3864.36	-	58.61	0.00	3805.75
MW - 24	03/01/04	3864.36	-	58.77	0.00	3805.59
MW - 24	05/19/04	3864.36	-	58.80	0.00	3805.56
MW - 24	08/26/04	3864.36	-	58.95	0.00	3805.41
MW - 24	12/09/04	3864.36	-	57.90	0.00	3806.46
MW - 24	03/17/05	3864.36	-	57.57	0.00	3806.79
MW - 24	06/15/05	3864.36	-	57.80	0.00	3806.56
MW - 24	09/15/05	3864.36	-	58.18	0.00	3806.18
MW - 24	12/13/05	3864.36	-	58.47	0.00	3805.89
MW - 24	03/15/06	3864.36	-	58.70	0.00	3805.66
MW - 24	06/14/06	3864.36	-	58.86	0.00	3805.50
MW - 24	09/13/06	3864.36	-	58.99	0.00	3805.37
MW - 24	12/06/06	3864.36	-	59.13	0.00	3805.23
MW - 24	03/01/07	3864.36	-	59.18	0.00	3805.18
MW - 24	05/24/07	3864.36	-	59.31	0.00	3805.05
MW - 24	08/23/07	3864.36	-	59.35	0.00	3805.01
MW - 24	11/08/07	3864.36	-	59.42	0.00	3804.94
MW - 24	03/04/08	3864.36	-	59.52	0.00	3804.84
MW - 24	06/11/08	3864.36	-	59.67	0.00	3804.69
MW - 24	09/09/08	3864.36	-	59.79	0.00	3804.57
MW - 24	12/11/08	3864.36	-	59.32	0.00	3805.04
MW - 24	02/26/09	3864.36	-	60.00	0.00	3804.36
MW - 24	05/21/09	3864.36	-	60.06	0.00	3804.30
MW - 24	08/18/09	3864.36	-	60.16	0.00	3804.20
MW - 24	12/09/09	3864.36	-	60.25	0.00	3804.11
MW - 24	01/06/10	3864.36	-	60.23	0.00	3804.13
MW - 24	02/22/10	3864.36	-	60.30	0.00	3804.06
MW - 24	06/04/10	3864.36	-	60.43	0.00	3803.93
MW - 24	08/26/10	3864.36	-	60.43	0.00	3803.93
MW - 24	11/30/10	3864.36	-	60.25	0.00	3804.11

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 24	03/08/11	3864.36	-	60.23	0.00	3804.13
MW - 24	05/25/11	3864.36	-	60.24	0.00	3804.12
MW - 24	08/18/11	3864.36	-	60.64	0.00	3803.72
MW - 24	11/15/11	3864.36	-	60.64	0.00	3803.72
MW - 24	02/29/12	3864.36	-	60.81	0.00	3803.55
MW - 24	05/01/12	3864.36	-	60.89	0.00	3803.47
MW - 24	08/10/12	3864.36	-	61.44	0.00	3802.92
MW - 24	11/27/12	3864.36	-	61.17	0.00	3803.19
MW - 24	02/21/13	3864.36	-	61.24	0.00	3803.12
MW - 24	05/15/13	3864.36	-	61.32	0.00	3803.04
MW - 24	08/21/13	3864.36	-	61.43	0.00	3802.93
MW - 24	11/11/13	3864.36	-	61.53	0.00	3802.83
MW - 24	02/20/14	3864.36	-	61.56	0.00	3802.80
MW - 24	05/20/14	3864.36	-	60.67	0.00	3803.69
MW - 24	07/29/14	3864.36	-	61.73	0.00	3802.63
MW - 24	08/19/14	3864.36	-	61.73	0.00	3802.63
MW - 24	08/28/14	3864.36	-	61.76	0.00	3802.60
MW - 24	10/30/14	3864.36	-	61.79	0.00	3802.57
MW - 24	11/24/14	3864.36	-	61.79	0.00	3802.57
MW - 24	02/11/15	3864.36	-	61.83	0.00	3802.53
MW - 24	03/11/15	3864.36	-	61.90	0.00	3802.46
MW - 24	04/17/15	3864.36	-	61.95	0.00	3802.41
MW - 24	05/19/15	3864.36	-	61.93	0.00	3802.43
MW - 24	07/31/15	3864.36	-	62.05	0.00	3802.31
MW - 24	08/12/15	3864.36	-	62.05	0.00	3802.31
MW - 24	09/11/15	3864.36	-	62.13	0.00	3802.23
MW - 24	11/11/15	3864.36	-	62.11	0.00	3802.25
MW - 24	02/02/16	3864.36	-	62.24	0.00	3802.12
MW - 24	04/28/16	3864.36	-	62.26	0.00	3802.10
MW - 24	06/02/16	3864.36	-	62.33	0.00	3802.03
MW - 24	07/01/16	3864.36	-	62.40	0.00	3801.96
MW - 24	07/29/16	3864.36	-	62.41	0.00	3801.95
MW - 24	08/09/16	3864.36	-	62.43	0.00	3801.93
MW - 24	09/15/16	3864.36	-	62.47	0.00	3801.89
MW - 24	11/16/16	3864.36	-	62.61	0.00	3801.75
MW - 24	12/14/16	3864.36	-	62.62	0.00	3801.74
MW - 24	01/20/17	3864.36	-	62.71	0.00	3801.65
MW - 24	02/22/17	3864.36	-	62.71	0.00	3801.65
MW - 24	05/17/17	3864.36	-	62.82	0.00	3801.54
MW - 24	06/09/17	3864.36	-	62.88	0.00	3801.48

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 24	07/26/17	3864.36	-	62.87	0.00	3801.49
MW - 24	08/23/17	3864.36	-	62.94	0.00	3801.42
MW - 24	10/10/17	3864.36	-	63.08	0.00	3801.28
MW - 24	11/29/17	3864.36	-	63.04	0.00	3801.32
MW - 24	01/08/18	3864.36	-	63.18	0.00	3801.18
MW - 24	02/14/18	3864.36	-	63.18	0.00	3801.18
MW - 24	04/30/18	3864.36	-	63.34	0.00	3801.02
MW - 24	05/17/18	3864.36	-	63.38	0.00	3800.98
MW - 24	07/05/18	3864.36	-	63.46	0.00	3800.90
MW - 24	07/26/18	3864.36	-	63.48	0.00	3800.88
MW - 24	08/16/18	3864.36	-	63.45	0.00	3800.91
MW - 24	11/28/18	3864.36	-	63.57	0.00	3800.79
MW - 24	12/27/18	3864.36	-	63.61	0.00	3800.75
MW - 24	01/17/19	3864.36	-	63.62	0.00	3800.74
MW - 24	02/21/19	3864.36	-	63.66	0.00	3800.70
MW - 24	04/04/19	3864.36	-	63.72	0.00	3800.64
MW - 24	05/30/19	3864.36	-	63.80	0.00	3800.56
MW - 24	08/28/19	3864.36	-	63.94	0.00	3800.42
MW - 24	10/30/19	3864.36	-	64.13	0.00	3800.23
MW - 24	03/18/20	3864.36	-	64.32	0.00	3800.04
MW - 24	05/13/20	3864.36	-	64.43	0.00	3799.93
MW - 24	06/09/20	3864.36	-	64.51	0.00	3799.85
MW - 24	07/16/20	3864.36	-	64.53	0.00	3799.83
MW - 24	08/26/20	3864.36	-	64.59	0.00	3799.77
MW - 24	12/16/20	3864.36	-	64.76	0.00	3799.60
MW - 24	01/28/21	3864.36	-	64.79	0.00	3799.57
MW - 24	03/22/21	3864.36	-	64.89	0.00	3799.47
MW - 24	06/22/21	3864.36	-	65.06	0.00	3799.30
MW - 24	07/22/21	3864.36	-	65.06	0.00	3799.30
MW - 24	09/09/21	3864.36	-	65.09	0.00	3799.27
MW - 24	10/26/21	3864.36	-	65.13	0.00	3799.23
MW - 24	12/15/21	3864.36	-	65.23	0.00	3799.13
MW - 25	03/24/00	3864.16	-	56.08	0.00	3808.08
MW - 25	06/14/00	3864.16	-	56.28	0.00	3807.88
MW - 25	09/22/00	3864.16	-	55.93	0.00	3808.23
MW - 25	12/28/00	3864.16	-	56.05	0.00	3808.11
MW - 25	03/14/01	3864.16	-	56.12	0.00	3808.04
MW - 25	06/06/01	3864.16	-	56.28	0.00	3807.88
MW - 25	09/28/01	3864.16	-	56.37	0.00	3807.79

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 25	11/17/01	3864.16	-	56.51	0.00	3807.65
MW - 25	03/26/02	3864.16	-	56.74	0.00	3807.42
MW - 25	06/26/02	3864.16	-	56.79	0.00	3807.37
MW - 25	09/25/02	3864.16	-	56.96	0.00	3807.20
MW - 25	12/09/02	3864.16	-	57.01	0.00	3807.15
MW - 25	03/10/03	3864.16	-	57.09	0.00	3807.07
MW - 25	06/09/03	3864.16	-	57.23	0.00	3806.93
MW - 25	09/03/03	3864.16	-	57.37	0.00	3806.79
MW - 25	12/08/03	3864.16	-	57.47	0.00	3806.69
MW - 25	03/01/04	3864.16	-	57.30	0.00	3806.86
MW - 25	05/19/04	3864.16	-	57.66	0.00	3806.50
MW - 25	08/26/04	3864.16	-	57.72	0.00	3806.44
MW - 25	12/09/04	3864.16	-	56.48	0.00	3807.68
MW - 25	03/17/05	3864.16	-	56.42	0.00	3807.74
MW - 25	06/15/05	3864.16	-	56.70	0.00	3807.46
MW - 25	09/14/05	3864.16	-	57.03	0.00	3807.13
MW - 25	12/13/05	3864.16	-	57.33	0.00	3806.83
MW - 25	03/15/06	3864.16	-	57.56	0.00	3806.60
MW - 25	06/14/06	3864.16	-	57.77	0.00	3806.39
MW - 25	09/13/06	3864.16	-	57.89	0.00	3806.27
MW - 25	12/06/06	3864.16	-	58.04	0.00	3806.12
MW - 25	03/01/07	3864.16	-	58.09	0.00	3806.07
MW - 25	05/24/07	3864.16	-	58.18	0.00	3805.98
MW - 25	08/23/07	3864.16	-	58.26	0.00	3805.90
MW - 25	11/05/07	3864.16	-	58.32	0.00	3805.84
MW - 25	03/04/08	3864.16	-	58.43	0.00	3805.73
MW - 25	06/11/08	3864.16	-	58.56	0.00	3805.60
MW - 25	09/09/08	3864.16	-	58.73	0.00	3805.43
MW - 25	12/11/08	3864.16	-	58.35	0.00	3805.81
MW - 25	02/27/09	3864.16	-	58.92	0.00	3805.24
MW - 25	05/21/09	3864.16	-	59.03	0.00	3805.13
MW - 25	08/18/09	3864.16	-	59.78	0.00	3804.38
MW - 25	12/09/09	3864.16	-	59.18	0.00	3804.98
MW - 25	01/06/10	3864.16	-	59.20	0.00	3804.96
MW - 25	02/22/10	3864.16	-	59.23	0.00	3804.93
MW - 25	06/04/10	3864.16	-	59.35	0.00	3804.81
MW - 25	08/26/10	3864.16	-	59.35	0.00	3804.81
MW - 25	11/30/10	3864.16	-	59.17	0.00	3804.99
MW - 25	03/08/11	3864.16	-	59.15	0.00	3805.01
MW - 25	05/25/11	3864.16	-	59.14	0.00	3805.02

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 25	08/18/11	3864.16	-	59.51	0.00	3804.65
MW - 25	11/15/11	3864.16	-	59.65	0.00	3804.51
MW - 25	02/29/12	3864.16	-	59.79	0.00	3804.37
MW - 25	05/01/12	3864.16	-	59.84	0.00	3804.32
MW - 25	08/10/12	3864.16	-	60.19	0.00	3803.97
MW - 25	11/27/12	3864.16	-	60.07	0.00	3804.09
MW - 25	02/21/13	3864.16	-	61.16	0.00	3803.00
MW - 25	05/15/13	3864.16	-	60.25	0.00	3803.91
MW - 25	08/20/13	3864.16	-	60.36	0.00	3803.80
MW-25	11/11/13	3864.16	-	60.45	0.00	3803.71
MW-25	02/19/14	3864.16	-	60.56	0.00	3803.60
MW-25	05/20/14	3864.16	-	60.60	0.00	3803.56
MW-25	07/29/14	3864.16	-	60.66	0.00	3803.50
MW-25	08/19/14	3864.16	-	60.66	0.00	3803.50
MW-25	10/30/14	3864.16	-	60.68	0.00	3803.48
MW-25	11/24/14	3864.16	-	60.68	0.00	3803.48
MW-25	02/10/15	3864.16	-	60.75	0.00	3803.41
MW-25	03/11/15	3864.16	-	60.82	0.00	3803.34
MW-25	04/17/15	3864.16	-	60.86	0.00	3803.30
MW-25	05/19/15	3864.16	-	60.88	0.00	3803.28
MW-25	07/31/15	3864.16	-	60.98	0.00	3803.18
MW-25	08/12/15	3864.16	-	60.99	0.00	3803.17
MW-25	09/11/15	3864.16	-	61.06	0.00	3803.10
MW-25	11/10/15	3864.16	-	61.04	0.00	3803.12
MW-25	02/02/16	3864.16	-	61.15	0.00	3803.01
MW-25	04/28/16	3864.16	-	61.21	0.00	3802.95
MW-25	05/10/16	3864.16	-	61.25	0.00	3802.91
MW-25	07/01/16	3864.16	-	61.35	0.00	3802.81
MW-25	07/29/16	3864.16	-	61.42	0.00	3802.74
MW-25	08/08/16	3864.16	-	61.40	0.00	3802.76
MW-25	09/15/16	3864.16	-	61.47	0.00	3802.69
MW-25	11/15/16	3864.16	-	61.58	0.00	3802.58
MW-25	12/14/16	3864.16	-	61.61	0.00	3802.55
MW-25	01/20/17	3864.16	-	61.68	0.00	3802.48
MW-25	02/21/17	3864.16	-	61.69	0.00	3802.47
MW-25	05/16/17	3864.16	-	61.80	0.00	3802.36
MW-25	06/09/17	3864.16	-	61.84	0.00	3802.32
MW-25	07/26/17	3864.16	-	61.90	0.00	3802.26
MW-25	08/22/17	3864.16	-	61.92	0.00	3802.24
MW-25	10/10/17	3864.16	-	62.01	0.00	3802.15

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-25	11/28/17	3864.16	-	62.03	0.00	3802.13
MW-25	01/08/18	3864.16	-	62.12	0.00	3802.04
MW-25	02/13/18	3864.16	-	62.17	0.00	3801.99
MW-25	04/30/18	3864.16	-	62.31	0.00	3801.85
MW-25	05/16/18	3864.16	-	62.31	0.00	3801.85
MW-25	07/05/18	3864.16	-	62.35	0.00	3801.81
MW-25	07/26/18	3864.16	-	62.42	0.00	3801.74
MW-25	08/15/18	3864.16	-	62.43	0.00	3801.73
MW-25	11/27/18	3864.16	-	62.51	0.00	3801.65
MW-25	12/27/18	3864.16	-	62.56	0.00	3801.60
MW-25	01/17/19	3864.16	-	62.59	0.00	3801.57
MW-25	02/20/19	3864.16	-	62.61	0.00	3801.55
MW-25	04/04/19	3864.16	-	62.68	0.00	3801.48
MW-25	05/29/19	3864.16	-	62.75	0.00	3801.41
MW-25	08/27/19	3864.16	-	62.90	0.00	3801.26
MW-25	10/29/19	3864.16	-	63.06	0.00	3801.10
MW-25	03/17/20	3864.16	-	63.31	0.00	3800.85
MW-25	05/13/20	3864.16	-	63.39	0.00	3800.77
MW-25	06/09/20	3864.16	-	63.44	0.00	3800.72
MW-25	07/16/20	3864.16	-	63.49	0.00	3800.67
MW-25	08/25/20	3864.16	-	63.54	0.00	3800.62
MW-25	12/17/20	3864.16	-	63.71	0.00	3800.45
MW-25	01/28/21	3864.16	-	63.75	0.00	3800.41
MW-25	03/22/21	3864.16	-	63.84	0.00	3800.32
MW-25	06/21/21	3864.16	-	63.99	0.00	3800.17
MW-25	07/22/21	3864.16	-	64.00	0.00	3800.16
MW-25	09/09/21	3864.16	-	64.04	0.00	3800.12
MW-25	10/26/21	3864.16	-	64.06	0.00	3800.10
MW-25	12/15/21	3864.16	-	64.16	0.00	3800.00
MW - 26	06/14/00	3858.79	-	60.10	0.00	3798.69
MW - 26	09/22/00	3858.79	-	60.00	0.00	3798.79
MW - 26	12/28/00	3858.79	-	60.08	0.00	3798.71
MW - 26	03/14/01	3858.79	-	60.05	0.00	3798.74
MW - 26	06/06/01	3858.79	-	60.18	0.00	3798.61
MW - 26	09/28/01	3858.79	-	60.32	0.00	3798.47
MW - 26	11/17/01	3858.79	-	60.48	0.00	3798.31
MW - 26	03/26/02	3858.79	-	60.84	0.00	3797.95
MW - 26	06/26/02	3858.79	-	60.67	0.00	3798.12
MW - 26	09/25/02	3858.79	-	60.79	0.00	3798.00

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 26	12/10/02	3858.79	-	60.85	0.00	3797.94
MW - 26	03/10/03	3858.79	-	60.95	0.00	3797.84
MW - 26	06/09/03	3858.79	-	61.05	0.00	3797.74
MW - 26	09/03/03	3858.79	-	61.15	0.00	3797.64
MW - 26	12/08/03	3858.79	-	61.27	0.00	3797.52
MW - 26	03/01/04	3858.79	-	61.37	0.00	3797.42
MW - 26	05/19/04	3858.79	-	61.42	0.00	3797.37
MW - 26	08/26/04	3858.79	-	61.54	0.00	3797.25
MW - 26	12/09/04	3858.79	-	60.92	0.00	3797.87
MW - 26	03/17/05	3858.79	-	60.61	0.00	3798.18
MW - 26	06/15/05	3858.79	-	60.68	0.00	3798.11
MW - 26	09/14/05	3858.79	-	60.82	0.00	3797.97
MW - 26	12/13/05	3858.79	-	61.04	0.00	3797.75
MW - 26	03/15/06	3858.79	-	61.22	0.00	3797.57
MW - 26	06/14/06	3858.79	-	61.33	0.00	3797.46
MW - 26	09/13/06	3858.79	-	61.44	0.00	3797.35
MW - 26	12/06/06	3858.79	-	61.50	0.00	3797.29
MW - 26	03/01/07	3858.79	-	61.54	0.00	3797.25
MW - 26	05/24/07	3858.79	-	61.61	0.00	3797.18
MW - 26	08/23/07	3858.79	-	61.69	0.00	3797.10
MW - 26	11/08/07	3858.79	-	61.76	0.00	3797.03
MW - 26	03/04/08	3858.79	-	61.83	0.00	3796.96
MW - 26	06/11/08	3858.79	-	61.90	0.00	3796.89
MW - 26	09/09/08	3858.79	-	62.01	0.00	3796.78
MW - 26	12/11/08	3858.79	-	62.09	0.00	3796.70
MW - 26	02/27/09	3858.79	-	62.15	0.00	3796.64
MW - 26	05/22/09	3858.79	-	62.23	0.00	3796.56
MW - 26	08/18/09	3858.79	-	62.26	0.00	3796.53
MW - 26	12/10/09	3858.79	-	62.33	0.00	3796.46
MW - 26	01/06/10	3858.79	-	62.34	0.00	3796.45
MW - 26	02/22/10	3858.79	-	62.38	0.00	3796.41
MW - 26	05/06/10	3858.79	-	62.34	0.00	3796.45
MW - 26	05/13/10	3858.79	-	62.34	0.00	3796.45
MW - 26	05/19/10	3858.79	-	62.34	0.00	3796.45
MW - 26	06/04/10	3858.79	-	62.43	0.00	3796.36
MW - 26	08/26/10	3858.79	-	62.43	0.00	3796.36
MW - 26	11/30/10	3858.79	-	62.32	0.00	3796.47
MW - 26	03/08/11	3858.79	-	62.32	0.00	3796.47
MW - 26	05/25/11	3858.79	-	62.30	0.00	3796.49
MW - 26	08/19/11	3858.79	-	62.69	0.00	3796.10

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 26	11/15/11	3858.79	-	62.70	0.00	3796.09
MW - 26	11/30/11	3858.79	-	62.73	0.00	3796.06
MW - 26	01/24/12	3858.79	-	62.84	0.00	3795.95
MW - 26	01/31/12	3858.79	-	62.83	0.00	3795.96
MW - 26	02/08/12	3858.79	-	62.82	0.00	3795.97
MW - 26	02/29/12	3858.79	-	62.86	0.00	3795.93
MW - 26	03/09/12	3858.79	-	62.91	0.00	3795.88
MW - 26	03/16/12	3858.79	-	62.90	0.00	3795.89
MW - 26	03/21/12	3858.79	-	62.92	0.00	3795.87
MW - 26	03/28/12	3858.79	-	62.92	0.00	3795.87
MW - 26	04/04/12	3858.79	-	62.92	0.00	3795.87
MW - 26	04/11/12	3858.79	-	62.92	0.00	3795.87
MW - 26	04/18/12	3858.79	-	62.95	0.00	3795.84
MW - 26	04/25/12	3858.79	-	62.96	0.00	3795.83
MW - 26	05/01/12	3858.79	-	62.97	0.00	3795.82
MW - 26	05/09/12	3858.79	-	62.96	0.00	3795.83
MW - 26	06/07/12	3858.79	-	62.98	0.00	3795.81
MW - 26	06/20/12	3858.79	-	63.01	0.00	3795.78
MW - 26	06/27/12	3858.79	-	63.02	0.00	3795.77
MW - 26	07/11/12	3858.79	-	63.08	0.00	3795.71
MW - 26	08/10/12	3858.79	-	63.32	0.00	3795.47
MW - 26	09/06/12	3858.79	-	63.11	0.00	3795.68
MW - 26	10/04/12	3858.79	-	63.20	0.00	3795.59
MW - 26	10/12/12	3858.79	-	63.25	0.00	3795.54
MW - 26	10/18/12	3858.79	-	63.25	0.00	3795.54
MW - 26	10/25/12	3858.79	-	63.22	0.00	3795.57
MW - 26	10/31/12	3858.79	-	63.23	0.00	3795.56
MW - 26	11/15/12	3858.79	-	63.23	0.00	3795.56
MW - 26	11/27/12	3858.79	-	63.24	0.00	3795.55
MW - 26	12/19/12	3858.79	-	63.28	0.00	3795.51
MW - 26	01/17/13	3858.79	-	63.31	0.00	3795.48
MW - 26	01/31/13	3858.79	-	63.34	0.00	3795.45
MW - 26	02/21/13	3858.79	-	63.31	0.00	3795.48
MW - 26	03/05/13	3858.79	-	63.60	0.00	3795.19
MW - 26	03/21/13	3858.79	-	63.85	0.00	3794.94
MW - 26	04/04/13	3858.79	-	63.39	0.00	3795.40
MW - 26	04/11/13	3858.79	-	63.41	0.00	3795.38
MW - 26	04/18/13	3858.79	-	63.42	0.00	3795.37
MW - 26	04/25/13	3858.79	-	63.43	0.00	3795.36
MW - 26	05/01/13	3858.79	-	63.42	0.00	3795.37

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 26	05/10/13	3858.79	-	63.41	0.00	3795.38
MW - 26	05/15/13	3858.79	-	63.42	0.00	3795.37
MW - 26	05/24/13	3858.79	-	63.44	0.00	3795.35
MW - 26	05/30/13	3858.79	-	63.44	0.00	3795.35
MW - 26	06/06/13	3858.79	-	63.44	0.00	3795.35
MW - 26	06/14/13	3858.79	-	63.45	0.00	3795.34
MW - 26	06/20/13	3858.79	-	63.46	0.00	3795.33
MW - 26	06/27/13	3858.79	-	63.43	0.00	3795.36
MW - 26	07/03/13	3858.79	-	63.48	0.00	3795.31
MW - 26	07/10/13	3858.79	-	63.51	0.00	3795.28
MW - 26	07/25/13	3858.79	-	63.50	0.00	3795.29
MW - 26	07/31/13	3858.79	-	63.48	0.00	3795.31
MW - 26	08/21/13	3858.79	-	63.46	0.00	3795.33
MW - 26	08/29/13	3858.79	-	63.50	0.00	3795.29
MW - 26	09/09/13	3858.79	-	63.58	0.00	3795.21
MW - 26	09/18/13	3858.79	-	63.58	0.00	3795.21
MW - 26	09/27/13	3858.79	-	63.60	0.00	3795.19
MW - 26	10/02/13	3858.79	-	63.57	0.00	3795.22
MW - 26	10/08/13	3858.79	-	63.58	0.00	3795.21
MW - 26	10/16/13	3858.79	-	63.60	0.00	3795.19
MW - 26	10/24/13	3858.79	-	63.51	0.00	3795.28
MW - 26	10/31/13	3858.79	-	63.53	0.00	3795.26
MW - 26	11/11/13	3858.79	-	63.53	0.00	3795.26
MW - 26	12/11/13	3858.79	-	63.62	0.00	3795.17
MW - 26	12/17/13	3858.79	-	63.65	0.00	3795.14
MW - 26	01/03/14	3858.79	-	63.71	0.00	3795.08
MW - 26	01/09/14	3858.79	-	63.65	0.00	3795.14
MW - 26	01/15/14	3858.79	-	63.63	0.00	3795.16
MW - 26	01/22/14	3858.79	-	63.65	0.00	3795.14
MW - 26	01/29/14	3858.79	-	63.65	0.00	3795.14
MW - 26	02/20/14	3858.79	-	63.62	0.00	3795.17
MW - 26	03/04/14	3858.79	-	63.65	0.00	3795.14
MW - 26	03/11/14	3858.79	-	63.75	0.00	3795.04
MW - 26	03/18/14	3858.79	-	63.70	0.00	3795.09
MW - 26	03/29/14	3858.79	-	63.73	0.00	3795.06
MW - 26	04/01/14	3858.79	-	63.69	0.00	3795.10
MW - 26	04/08/14	3858.79	-	63.66	0.00	3795.13
MW - 26	04/18/14	3858.79	-	63.69	0.00	3795.10
MW - 26	04/23/14	3858.79	-	63.73	0.00	3795.06
MW - 26	05/05/14	3858.79	-	63.71	0.00	3795.08

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 26	05/16/14	3858.79	-	63.68	0.00	3795.11
MW - 26	05/20/14	3858.79	-	63.73	0.00	3795.06
MW - 26	05/30/14	3858.79	-	63.72	0.00	3795.07
MW - 26	06/18/14	3858.79	-	63.75	0.00	3795.04
MW - 26	06/27/14	3858.79	-	63.81	0.00	3794.98
MW - 26	07/02/14	3858.79	-	63.81	0.00	3794.98
MW - 26	07/10/14	3858.79	-	63.77	0.00	3795.02
MW - 26	07/29/14	3858.79	-	63.82	0.00	3794.97
MW - 26	07/30/14	3858.79	-	63.82	0.00	3794.97
MW - 26	08/08/14	3858.79	-	63.75	0.00	3795.04
MW - 26	08/19/14	3858.79	-	63.78	0.00	3795.01
MW - 26	08/20/14	3858.79	-	63.81	0.00	3794.98
MW - 26	09/04/14	3858.79	-	63.81	0.00	3794.98
MW - 26	09/11/14	3858.79	-	63.80	0.00	3794.99
MW - 26	10/16/14	3858.79	-	63.86	0.00	3794.93
MW - 26	10/22/14	3858.79	-	63.88	0.00	3794.91
MW - 26	10/30/14	3858.79	-	63.86	0.00	3794.93
MW - 26	11/24/14	3858.79	-	63.25	0.00	3795.54
MW - 26	12/05/14	3858.79	-	62.18	0.00	3796.61
MW - 26	12/12/14	3858.79	-	63.87	0.00	3794.92
MW - 26	12/19/14	3858.79	-	63.85	0.00	3794.94
MW - 26	01/07/15	3858.79	-	63.86	0.00	3794.93
MW - 26	01/15/15	3858.79	-	63.86	0.00	3794.93
MW - 26	02/05/15	3858.79	-	0.00	0.00	3858.79
MW - 26	02/20/15	3858.79	-	63.84	0.00	3794.95
MW - 26	03/06/15	3858.79	-	63.87	0.00	3794.92
MW - 26	03/11/15	3858.79	-	63.88	0.00	3794.91
MW - 26	03/13/15	3858.79	-	63.88	0.00	3794.91
MW - 26	03/17/15	3858.79	-	63.90	0.00	3794.89
MW - 26	04/01/15	3858.79	-	63.89	0.00	3794.90
MW - 26	04/09/15	3858.79	-	63.88	0.00	3794.91
MW - 26	04/15/15	3858.79	-	63.88	0.00	3794.91
MW - 26	04/17/15	3858.79	-	61.98	0.00	3796.81
MW - 26	04/28/15	3858.79	-	63.90	0.00	3794.89
MW - 26	05/19/15	3858.79	-	63.92	0.00	3794.87
MW - 26	06/02/15	3858.79	-	63.90	0.00	3794.89
MW - 26	06/11/15	3858.79	-	63.92	0.00	3794.87
MW - 26	06/17/15	3858.79	-	63.94	0.00	3794.85
MW - 26	06/25/15	3858.79	-	63.95	0.00	3794.84
MW - 26	07/01/15	3858.79	-	63.97	0.00	3794.82

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 26	07/08/15	3858.79	-	63.98	0.00	3794.81
MW - 26	07/15/15	3858.79	-	63.97	0.00	3794.82
MW - 26	07/22/15	3858.79	-	63.99	0.00	3794.80
MW - 26	07/29/15	3858.79	-	63.96	0.00	3794.83
MW - 26	07/31/15	3858.79	-	63.96	0.00	3794.83
MW - 26	08/06/15	3858.79	-	63.95	0.00	3794.84
MW - 26	08/12/15	3858.79	-	63.97	0.00	3794.82
MW - 26	08/17/15	3858.79	-	63.96	0.00	3794.83
MW - 26	08/19/15	3858.79	-	63.99	0.00	3794.80
MW - 26	08/27/15	3858.79	-	63.97	0.00	3794.82
MW - 26	09/03/15	3858.79	-	63.99	0.00	3794.80
MW - 26	09/09/15	3858.79	-	63.99	0.00	3794.80
MW - 26	09/11/15	3858.79	-	64.00	0.00	3794.79
MW - 26	09/15/15	3858.79	-	63.99	0.00	3794.80
MW - 26	09/22/15	3858.79	-	64.01	0.00	3794.78
MW - 26	09/30/15	3858.79	-	64.12	0.00	3794.67
MW - 26	10/06/15	3858.79	-	64.05	0.00	3794.74
MW - 26	10/13/15	3858.79	-	64.07	0.00	3794.72
MW - 26	10/22/15	3858.79	-	64.09	0.00	3794.70
MW - 26	10/27/15	3858.79	-	64.08	0.00	3794.71
MW - 26	11/11/15	3858.79	-	64.11	0.00	3794.68
MW - 26	11/18/15	3858.79	-	64.03	0.00	3794.76
MW - 26	12/03/15	3858.79	-	64.10	0.00	3794.69
MW - 26	12/10/15	3858.79	-	64.08	0.00	3794.71
MW - 26	12/22/15	3858.79	-	64.11	0.00	3794.68
MW - 26	01/08/16	3858.79	-	64.15	0.00	3794.64
MW - 26	01/14/16	3858.79	-	64.09	0.00	3794.70
MW - 26	01/28/16	3858.79	-	64.17	0.00	3794.62
MW - 26	02/02/16	3858.79	-	64.14	0.00	3794.65
MW - 26	02/09/16	3858.79	-	64.10	0.00	3794.69
MW - 26	03/02/16	3858.79	-	64.16	0.00	3794.63
MW - 26	03/09/16	3858.79	-	64.22	0.00	3794.57
MW - 26	03/17/16	3858.79	-	64.18	0.00	3794.61
MW - 26	04/06/16	3858.79	-	64.21	0.00	3794.58
MW - 26	04/13/16	3858.79	-	64.20	0.00	3794.59
MW - 26	04/20/16	3858.79	-	64.22	0.00	3794.57
MW - 26	04/27/16	3858.79	-	64.24	0.00	3794.55
MW - 26	04/28/16	3858.79	-	64.24	0.00	3794.55
MW - 26	05/05/16	3858.79	-	64.23	0.00	3794.56
MW - 26	05/10/16	3858.79	-	64.22	0.00	3794.57

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 26	06/08/16	3858.79	-	64.22	0.00	3794.57
MW - 26	06/15/16	3858.79	-	64.20	0.00	3794.59
MW - 26	06/21/16	3858.79	-	64.28	0.00	3794.51
MW - 26	06/30/16	3858.79	-	64.29	0.00	3794.50
MW - 26	07/01/16	3858.79	-	64.29	0.00	3794.50
MW - 26	07/15/16	3858.79	-	64.30	0.00	3794.49
MW - 26	07/21/16	3858.79	-	64.31	0.00	3794.48
MW - 26	07/28/16	3858.79	-	64.28	0.00	3794.51
MW - 26	08/02/16	3858.79	-	64.32	0.00	3794.47
MW - 26	08/09/16	3858.79	-	64.26	0.00	3794.53
MW - 26	08/16/16	3858.79	-	64.26	0.00	3794.53
MW - 26	08/25/16	3858.79	-	64.32	0.00	3794.47
MW - 26	09/08/16	3858.79	-	64.33	0.00	3794.46
MW - 26	9/14/16 -9/15/2016	3858.79	-	64.37	0.00	3794.42
MW - 26	09/22/16	3858.79	-	64.32	0.00	3794.47
MW - 26	09/29/16	3858.79	-	64.39	0.00	3794.40
MW - 26	10/13/16	3858.79	-	64.41	0.00	3794.38
MW - 26	10/20/16	3858.79	-	64.43	0.00	3794.36
MW - 26	10/27/16	3858.79	-	64.39	0.00	3794.40
MW - 26	11/10/16	3858.79	-	64.42	0.00	3794.37
MW - 26	11/16/16	3858.79	-	64.45	0.00	3794.34
MW - 26	12/09/16	3858.79	-	64.44	0.00	3794.35
MW - 26	12/14/16	3858.79	-	64.47	0.00	3794.32
MW - 26	01/12/17	3858.79	-	64.51	0.00	3794.28
MW - 26	01/19/17	3858.79	-	64.51	0.00	3794.28
MW - 26	01/20/17	3858.79	-	64.48	0.00	3794.31
MW - 26	01/25/17	3858.79	-	64.50	0.00	3794.29
MW - 26	02/02/17	3858.79	-	64.50	0.00	3794.29
MW - 26	02/09/17	3858.79	-	64.52	0.00	3794.27
MW - 26	02/22/17	3858.79	-	64.57	0.00	3794.22
MW - 26	03/09/17	3858.79	-	64.55	0.00	3794.24
MW - 26	03/16/17	3858.79	-	64.60	0.00	3794.19
MW - 26	03/30/17	3858.79	-	64.63	0.00	3794.16
MW - 26	04/06/17	3858.79	-	64.65	0.00	3794.14
MW - 26	04/12/17	3858.79	-	64.64	0.00	3794.15
MW - 26	05/03/17	3858.79	-	64.62	0.00	3794.17
MW - 26	05/17/17	3858.79	-	64.73	0.00	3794.06
MW - 26	05/26/17	3858.79	-	64.60	0.00	3794.19
MW - 26	06/08/17	3858.79	-	64.76	0.00	3794.03
MW - 26	06/09/17	3858.79	-	64.76	0.00	3794.03

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 26	06/30/17	3858.79	-	64.81	0.00	3793.98
MW - 26	07/06/17	3858.79	-	64.86	0.00	3793.93
MW - 26	07/19/17	3858.79	-	64.75	0.00	3794.04
MW - 26	07/23/17	3858.79	-	64.90	0.00	3793.89
MW - 26	07/26/17	3858.79	-	64.75	0.00	3794.04
MW - 26	08/23/17	3858.79	-	64.95	0.00	3793.84
MW - 26	10/10/17	3858.79	-	65.00	0.00	3793.79
MW - 26	11/29/17	3858.79	-	65.14	0.00	3793.65
MW - 26	01/08/18	3858.79	-	65.20	0.00	3793.59
MW - 26	01/18/18	3858.79	-	65.25	0.00	3793.54
MW - 26	02/14/18	3858.79	-	65.32	0.00	3793.47
MW - 26	04/30/18	3858.79	-	65.43	0.00	3793.36
MW - 26	05/03/18	3858.79	-	65.38	0.00	3793.41
MW - 26	05/17/18	3858.79	-	65.41	0.00	3793.38
MW - 26	07/05/18	3858.79	-	65.53	0.00	3793.26
MW - 26	07/26/18	3858.79	-	65.58	0.00	3793.21
MW - 26	08/16/18	3858.79	-	65.58	0.00	3793.21
MW - 26	11/16/18	3858.79	-	65.68	0.00	3793.11
MW - 26	11/29/18	3858.79	-	65.72	0.00	3793.07
MW - 26	12/06/18	3858.79	-	65.75	0.00	3793.04
MW - 26	12/27/18	3858.79	-	65.81	0.00	3792.98
MW - 26	01/04/19	3858.79	-	65.84	0.00	3792.95
MW - 26	01/17/19	3858.79	-	65.90	0.00	3792.89
MW - 26	02/21/19	3858.79	-	65.95	0.00	3792.84
MW - 26	04/04/19	3858.79	-	66.01	0.00	3792.78
MW - 26	05/30/19	3858.79	-	66.08	0.00	3792.71
MW - 26	08/28/19	3858.79	-	66.23	0.00	3792.56
MW - 26	10/31/19	3858.79	-	66.42	0.00	3792.37
MW - 26	03/18/20	3858.79	-	66.61	0.00	3792.18
MW - 26	05/13/20	3858.79	-	66.70	0.00	3792.09
MW - 26	06/10/20	3858.79	-	66.73	0.00	3792.06
MW - 26	07/16/20	3858.79	-	66.79	0.00	3792.00
MW - 26	08/26/20	3858.79	-	66.83	0.00	3791.96
MW - 26	12/18/20	3858.79	-	66.96	0.00	3791.83
MW - 26	01/28/21	3858.79	-	67.04	0.00	3791.75
MW - 26	03/24/21	3858.79	-	67.12	0.00	3791.67
MW - 26	06/23/21	3858.79	-	67.28	0.00	3791.51
MW - 26	07/22/21	3858.79	-	67.38	0.00	3791.41
MW - 26	08/05/21	3858.79	-	67.36	0.00	3791.43
MW - 26	08/20/21	3858.79	-	67.40	0.00	3791.39

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 26	09/10/21	3858.79	-	67.43	0.00	3791.36
MW - 26	10/26/21	3858.79	-	67.48	0.00	3791.31
MW - 26	12/15/21	3858.79	-	67.58	0.00	3791.21
MW - 27	06/14/00	3858.23	-	59.60	0.00	3798.63
MW - 27	09/22/00	3858.23	-	59.50	0.00	3798.73
MW - 27	12/28/00	3858.23	-	59.54	0.00	3798.69
MW - 27	03/14/01	3858.23	-	59.60	0.00	3798.63
MW - 27	06/06/01	3858.23	-	59.64	0.00	3798.59
MW - 27	09/28/01	3858.23	-	59.88	0.00	3798.35
MW - 27	11/17/01	3858.23	-	59.91	0.00	3798.32
MW - 27	03/26/02	3858.23	-	60.40	0.00	3797.83
MW - 27	06/26/02	3858.23	-	60.16	0.00	3798.07
MW - 27	09/25/02	3858.23	-	60.29	0.00	3797.94
MW - 27	12/10/02	3858.23	-	60.24	0.00	3797.99
MW - 27	03/10/03	3858.23	-	60.43	0.00	3797.80
MW - 27	06/09/03	3858.23	-	60.53	0.00	3797.70
MW - 27	09/03/03	3858.23	-	60.63	0.00	3797.60
MW - 27	12/08/03	3858.23	-	60.76	0.00	3797.47
MW - 27	03/01/04	3858.23	-	60.87	0.00	3797.36
MW - 27	05/19/04	3858.23	-	60.91	0.00	3797.32
MW - 27	08/26/04	3858.23	-	61.02	0.00	3797.21
MW - 27	12/09/04	3858.23	-	60.40	0.00	3797.83
MW - 27	03/17/05	3858.23	-	60.08	0.00	3798.15
MW - 27	06/15/05	3858.23	-	60.16	0.00	3798.07
MW - 27	09/14/05	PLUGGED & ABANDONED				
MW - 28	06/14/00	3858.60	-	60.33	0.00	3798.27
MW - 28	09/22/00	3858.60	-	60.29	0.00	3798.31
MW - 28	12/28/00	3858.60	-	60.33	0.00	3798.27
MW - 28	03/14/01	3858.60	-	60.38	0.00	3798.22
MW - 28	16/16/01	3858.60	-	60.40	0.00	3798.20
MW - 28	19/28/01	3858.60	-	60.63	0.00	3797.97
MW - 28	11/17/01	3858.60	-	60.71	0.00	3797.89
MW - 28	03/26/02	3858.60	-	60.85	0.00	3797.75
MW - 28	06/26/02	3858.60	-	60.93	0.00	3797.67
MW - 28	09/25/02	3858.60	-	61.06	0.00	3797.54
MW - 28	12/10/02	3858.60	-	61.11	0.00	3797.49
MW - 28	03/10/03	3858.60	-	61.21	0.00	3797.39
MW - 28	06/09/03	3858.60	-	61.30	0.00	3797.30

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 28	09/03/03	3858.60	-	61.39	0.00	3797.21
MW - 28	12/08/03	3858.60	-	61.52	0.00	3797.08
MW - 28	03/01/04	3858.60	-	61.61	0.00	3796.99
MW - 28	05/19/04	3858.60	-	61.67	0.00	3796.93
MW - 28	08/26/04	3858.60	-	61.75	0.00	3796.85
MW - 28	12/09/04	3858.60	-	60.97	0.00	3797.63
MW - 28	03/17/05	3858.60	-	60.85	0.00	3797.75
MW - 28	06/15/05	3858.60	-	60.95	0.00	3797.65
MW - 28	09/14/05	3858.60	-	61.08	0.00	3797.52
MW - 28	12/13/05	3858.60	-	61.30	0.00	3797.30
MW - 28	03/15/06	3858.60	-	61.45	0.00	3797.15
MW - 28	06/14/06	3858.60	-	61.62	0.00	3796.98
MW - 28	09/13/06	3858.60	-	61.74	0.00	3796.86
MW - 28	12/06/06	3858.60	-	61.79	0.00	3796.81
MW - 28	03/01/07	3858.60	-	61.84	0.00	3796.76
MW - 28	05/24/07	3858.60	-	61.88	0.00	3796.72
MW - 28	08/23/07	3858.60	-	61.96	0.00	3796.64
MW - 28	11/08/07	3858.60	-	62.03	0.00	3796.57
MW - 28	03/04/08	3858.60	-	62.11	0.00	3796.49
MW - 28	06/11/08	3858.60	-	62.18	0.00	3796.42
MW - 28	09/09/08	3858.60	-	62.27	0.00	3796.33
MW - 28	12/11/08	3858.60	-	62.34	0.00	3796.26
MW - 28	02/26/09	3858.60	-	62.39	0.00	3796.21
MW - 28	05/22/09	3858.60	-	62.48	0.00	3796.12
MW - 28	08/18/09	3858.60	-	62.52	0.00	3796.08
MW - 28	12/10/09	3858.60	-	62.56	0.00	3796.04
MW - 28	01/06/10	3858.60	-	62.58	0.00	3796.02
MW - 28	02/22/10	3858.60	-	62.62	0.00	3795.98
MW - 28	05/06/10	3858.60	-	62.58	0.00	3796.02
MW - 28	05/13/10	3858.60	-	62.60	0.00	3796.00
MW - 28	05/19/10	3858.60	-	62.61	0.00	3795.99
MW - 28	06/04/10	3858.60	-	62.68	0.00	3795.92
MW - 28	08/26/10	3858.60	-	62.69	0.00	3795.91
MW - 28	11/30/10	3858.60	-	62.59	0.00	3796.01
MW - 28	03/08/11	3858.60	-	62.58	0.00	3796.02
MW - 28	05/25/11	3858.60	-	62.58	0.00	3796.02
MW - 28	08/19/11	3858.60	-	62.95	0.00	3795.65
MW - 28	11/15/11	3858.60	-	62.93	0.00	3795.67
MW - 28	11/30/11	3858.60	-	62.96	0.00	3795.64
MW - 28	01/24/12	3858.60	-	63.04	0.00	3795.56

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 28	01/31/12	3858.60	-	63.05	0.00	3795.55
MW - 28	02/08/12	3858.60	-	63.05	0.00	3795.55
MW - 28	02/29/12	3858.60	-	63.09	0.00	3795.51
MW - 28	03/09/12	3858.60	-	63.14	0.00	3795.46
MW - 28	03/16/12	3858.60	-	63.13	0.00	3795.47
MW - 28	03/21/12	3858.60	-	63.14	0.00	3795.46
MW - 28	03/28/12	3858.60	-	63.13	0.00	3795.47
MW - 28	04/04/12	3858.60	-	63.15	0.00	3795.45
MW - 28	04/11/12	3858.60	-	63.16	0.00	3795.44
MW - 28	04/18/12	3858.60	-	63.18	0.00	3795.42
MW - 28	04/25/12	3858.60	-	63.18	0.00	3795.42
MW - 28	05/01/12	3858.60	-	63.19	0.00	3795.41
MW - 28	05/09/12	3858.60	-	63.18	0.00	3795.42
MW - 28	06/07/12	3858.60	-	63.23	0.00	3795.37
MW - 28	06/20/12	3858.60	-	63.26	0.00	3795.34
MW - 28	06/27/12	3858.60	-	63.27	0.00	3795.33
MW - 28	07/11/12	3858.60	-	63.31	0.00	3795.29
MW - 28	08/10/12	3858.60	-	63.55	0.00	3795.05
MW - 28	09/06/12	3858.60	-	63.35	0.00	3795.25
MW - 28	10/04/12	3858.60	-	63.45	0.00	3795.15
MW - 28	10/12/12	3858.60	-	63.50	0.00	3795.10
MW - 28	10/18/12	3858.60	-	63.47	0.00	3795.13
MW - 28	10/25/12	3858.60	-	63.46	0.00	3795.14
MW - 28	10/31/12	3858.60	-	63.45	0.00	3795.15
MW - 28	11/15/12	3858.60	-	63.46	0.00	3795.14
MW - 28	11/27/12	3858.60	-	63.45	0.00	3795.15
MW - 28	12/19/12	3858.60	-	63.51	0.00	3795.09
MW - 28	01/17/13	3858.60	-	63.55	0.00	3795.05
MW - 28	01/31/13	3858.60	-	63.54	0.00	3795.06
MW - 28	02/21/13	3858.60	-	63.54	0.00	3795.06
MW - 28	03/05/13	3858.60	-	63.38	0.00	3795.22
MW - 28	03/21/13	3858.60	-	63.56	0.00	3795.04
MW - 28	04/04/13	3858.60	-	63.60	0.00	3795.00
MW - 28	04/11/13	3858.60	-	63.61	0.00	3794.99
MW - 28	04/18/13	3858.60	-	63.63	0.00	3794.97
MW - 28	04/25/13	3858.60	-	63.64	0.00	3794.96
MW - 28	05/01/13	3858.60	-	63.63	0.00	3794.97
MW - 28	05/10/13	3858.60	-	63.63	0.00	3794.97
MW - 28	05/15/13	3858.60	-	63.61	0.00	3794.99
MW - 28	05/24/13	3858.60	-	63.50	0.00	3795.10

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 28	05/30/13	3858.60	-	63.64	0.00	3794.96
MW - 28	06/06/13	3858.60	-	63.67	0.00	3794.93
MW - 28	06/14/13	3858.60	-	63.66	0.00	3794.94
MW - 28	06/20/13	3858.60	-	63.67	0.00	3794.93
MW - 28	06/27/13	3858.60	-	63.65	0.00	3794.95
MW - 28	07/03/13	3858.60	-	64.67	0.00	3793.93
MW - 28	07/10/13	3858.60	-	63.39	0.00	3795.21
MW - 28	07/25/13	3858.60	-	63.69	0.00	3794.91
MW - 28	07/31/13	3858.60	-	63.68	0.00	3794.92
MW - 28	08/21/13	3858.60	-	63.66	0.00	3794.94
MW - 28	08/29/13	3858.60	-	63.70	0.00	3794.90
MW - 28	09/09/13	3858.60	-	63.83	0.00	3794.77
MW - 28	09/18/13	3858.60	-	63.81	0.00	3794.79
MW - 28	09/27/13	3858.60	-	63.82	0.00	3794.78
MW - 28	10/02/13	3858.60	-	63.79	0.00	3794.81
MW - 28	10/08/13	3858.60	-	63.81	0.00	3794.79
MW - 28	10/16/13	3858.60	-	63.84	0.00	3794.76
MW - 28	10/24/13	3858.60	-	63.71	0.00	3794.89
MW - 28	10/31/13	3858.60	-	63.72	0.00	3794.88
MW - 28	11/11/13	3858.60	-	63.73	0.00	3794.87
MW - 28	12/11/13	3858.60	-	63.78	0.00	3794.82
MW - 28	12/17/13	3858.60	-	63.79	0.00	3794.81
MW - 28	01/03/14	3858.60	-	63.95	0.00	3794.65
MW - 28	01/09/14	3858.60	-	63.85	0.00	3794.75
MW - 28	01/15/14	3858.60	-	63.90	0.00	3794.70
MW - 28	01/22/14	3858.60	-	63.87	0.00	3794.73
MW - 28	01/29/14	3858.60	-	63.90	0.00	3794.70
MW - 28	02/20/14	3858.60	-	63.82	0.00	3794.78
MW - 28	03/04/14	3858.60	-	63.84	0.00	3794.76
MW - 28	03/11/14	3858.60	-	63.97	0.00	3794.63
MW - 28	03/18/14	3858.60	-	63.88	0.00	3794.72
MW - 28	03/29/14	3858.60	-	63.92	0.00	3794.68
MW - 28	04/01/14	3858.60	-	63.90	0.00	3794.70
MW - 28	04/08/14	3858.60	-	63.92	0.00	3794.68
MW - 28	04/18/14	3858.60	-	63.93	0.00	3794.67
MW - 28	04/23/14	3858.60	-	63.96	0.00	3794.64
MW - 28	05/05/14	3858.60	-	63.88	0.00	3794.72
MW - 28	05/16/14	3858.60	-	63.90	0.00	3794.70
MW - 28	05/20/14	3858.60	-	63.99	0.00	3794.61
MW - 28	05/30/14	3858.60	-	63.98	0.00	3794.62

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 28	06/18/14	3858.60	-	63.95	0.00	3794.65
MW - 28	06/27/14	3858.60	-	63.99	0.00	3794.61
MW - 28	07/02/14	3858.60	-	64.03	0.00	3794.57
MW - 28	07/10/14	3858.60	-	64.02	0.00	3794.58
MW - 28	07/29/14	3858.60	-	64.05	0.00	3794.55
MW - 28	07/30/14	3858.60	-	64.05	0.00	3794.55
MW - 28	08/08/14	3858.60	-	64.01	0.00	3794.59
MW - 28	08/19/14	3858.60	-	64.00	0.00	3794.60
MW - 28	09/04/14	3858.60	-	64.08	0.00	3794.52
MW - 28	09/11/14	3858.60	-	64.08	0.00	3794.52
MW - 28	10/16/14	3858.60	-	64.10	0.00	3794.50
MW - 28	10/22/14	3858.60	-	64.11	0.00	3794.49
MW - 28	10/30/14	3858.60	-	64.09	0.00	3794.51
MW - 28	11/24/14	3858.60	-	64.11	0.00	3794.49
MW - 28	12/05/14	3858.60	-	64.02	0.00	3794.58
MW - 28	12/12/14	3858.60	-	64.12	0.00	3794.48
MW - 28	12/19/14	3858.60	-	64.13	0.00	3794.47
MW - 28	01/07/15	3858.60	-	64.17	0.00	3794.43
MW - 28	01/15/15	3858.60	-	64.12	0.00	3794.48
MW - 28	02/05/15	3858.60	-	64.12	0.00	3794.48
MW - 28	02/11/15	3858.60	-	64.10	0.00	3794.50
MW - 28	02/20/15	3858.60	-	64.18	0.00	3794.42
MW - 28	03/06/15	3858.60	-	64.20	0.00	3794.40
MW - 28	03/11/15	3858.60	-	64.16	0.00	3794.44
MW - 28	03/13/15	3858.60	-	64.16	0.00	3794.44
MW - 28	03/17/15	3858.60	-	64.16	0.00	3794.44
MW - 28	04/01/15	3858.60	-	64.12	0.00	3794.48
MW - 28	04/09/15	3858.60	-	64.20	0.00	3794.40
MW - 28	04/15/15	3858.60	-	64.19	0.00	3794.41
MW - 28	04/17/15	3858.60	-	62.13	0.00	3796.47
MW - 28	04/28/15	3858.60	-	64.21	0.00	3794.39
MW - 28	05/19/15	3858.60	-	64.20	0.00	3794.40
MW - 28	06/02/15	3858.60	-	64.11	0.00	3794.49
MW - 28	06/11/15	3858.60	-	64.13	0.00	3794.47
MW - 28	06/17/15	3858.60	-	64.13	0.00	3794.47
MW - 28	06/25/15	3858.60	-	64.13	0.00	3794.47
MW - 28	07/01/15	3858.60	-	64.16	0.00	3794.44
MW - 28	07/08/15	3858.60	-	64.17	0.00	3794.43
MW - 28	07/15/15	3858.60	-	64.17	0.00	3794.43
MW - 28	07/22/15	3858.60	-	64.31	0.00	3794.29

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 28	07/29/15	3858.60	-	64.18	0.00	3794.42
MW - 28	07/31/15	3858.60	-	64.21	0.00	3794.39
MW - 28	08/06/15	3858.60	-	64.17	0.00	3794.43
MW - 28	08/12/15	3858.60	-	64.19	0.00	3794.41
MW - 28	08/17/15	3858.60	-	64.20	0.00	3794.40
MW - 28	08/19/15	3858.60	-	64.22	0.00	3794.38
MW - 28	08/27/15	3858.60	-	64.19	0.00	3794.41
MW - 28	09/03/15	3858.60	-	64.21	0.00	3794.39
MW - 28	09/09/15	3858.60	-	64.27	0.00	3794.33
MW - 28	09/11/15	3858.60	-	64.34	0.00	3794.26
MW - 28	09/15/15	3858.60	-	64.32	0.00	3794.28
MW - 28	09/22/15	3858.60	-	64.30	0.00	3794.30
MW - 28	09/30/15	3858.60	-	64.32	0.00	3794.28
MW - 28	10/06/15	3858.60	-	64.31	0.00	3794.29
MW - 28	10/13/15	3858.60	-	64.31	0.00	3794.29
MW - 28	10/22/15	3858.60	-	64.38	0.00	3794.22
MW - 28	10/27/15	3858.60	-	64.37	0.00	3794.23
MW - 28	11/11/15	3858.60	-	64.34	0.00	3794.26
MW - 28	11/18/15	3858.60	-	64.28	0.00	3794.32
MW - 28	12/03/15	3858.60	-	64.39	0.00	3794.21
MW - 28	12/10/15	3858.60	-	64.28	0.00	3794.32
MW - 28	12/22/15	3858.60	-	64.40	0.00	3794.20
MW - 28	01/08/16	3858.60	-	64.47	0.00	3794.13
MW - 28	01/14/16	3858.60	-	64.28	0.00	3794.32
MW - 28	01/28/16	3858.60	-	64.38	0.00	3794.22
MW - 28	02/02/16	3858.60	-	64.45	0.00	3794.15
MW - 28	02/09/16	3858.60	-	64.33	0.00	3794.27
MW - 28	03/02/16	3858.60	-	64.47	0.00	3794.13
MW - 28	03/09/16	3858.60	-	64.52	0.00	3794.08
MW - 28	03/17/16	3858.60	-	64.46	0.00	3794.14
MW - 28	04/06/16	3858.60	-	64.46	0.00	3794.14
MW - 28	04/13/16	3858.60	-	64.48	0.00	3794.12
MW - 28	04/20/16	3858.60	-	64.48	0.00	3794.12
MW - 28	04/27/16	3858.60	-	64.51	0.00	3794.09
MW - 28	04/28/16	3858.60	-	64.51	0.00	3794.09
MW - 28	05/05/16	3858.60	-	64.50	0.00	3794.10
MW - 28	05/10/16	3858.60	-	64.50	0.00	3794.10
MW - 28	06/08/16	3858.60	-	64.63	0.00	3793.97
MW - 28	06/15/16	3858.60	-	64.61	0.00	3793.99
MW - 28	06/21/16	3858.60	-	64.55	0.00	3794.05

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 28	06/30/16	3858.60	-	64.57	0.00	3794.03
MW - 28	07/01/16	3858.60	-	64.57	0.00	3794.03
MW - 28	07/15/16	3858.60	-	64.59	0.00	3794.01
MW - 28	07/21/16	3858.60	-	64.59	0.00	3794.01
MW - 28	07/28/16	3858.60	-	64.53	0.00	3794.07
MW - 28	08/02/16	3858.60	-	64.60	0.00	3794.00
MW - 28	08/09/16	3858.60	-	64.47	0.00	3794.13
MW - 28	08/16/16	3858.60	-	64.49	0.00	3794.11
MW - 28	08/25/16	3858.60	-	64.60	0.00	3794.00
MW - 28	09/08/16	3858.60	-	64.61	0.00	3793.99
MW - 28	9/14/16 -9/15/2016	3858.60	-	64.63	0.00	3793.97
MW - 28	09/22/16	3858.60	-	64.65	0.00	3793.95
MW - 28	09/29/16	3858.60	-	64.67	0.00	3793.93
MW - 28	10/13/16	3858.60	-	64.67	0.00	3793.93
MW - 28	10/20/16	3858.60	-	64.68	0.00	3793.92
MW - 28	10/27/16	3858.60	-	64.58	0.00	3794.02
MW - 28	11/10/16	3858.60	-	64.61	0.00	3793.99
MW - 28	11/16/16	3858.60	-	64.59	0.00	3794.01
MW - 28	12/09/16	3858.60	-	64.63	0.00	3793.97
MW - 28	12/14/16	3858.60	-	64.66	0.00	3793.94
MW - 28	01/05/17	3858.60	-	64.66	0.00	3793.94
MW - 28	01/12/17	3858.60	-	64.68	0.00	3793.92
MW - 28	01/19/17	3858.60	-	64.68	0.00	3793.92
MW - 28	01/20/17	3858.60	-	64.68	0.00	3793.92
MW - 28	01/25/17	3858.60	-	64.71	0.00	3793.89
MW - 28	02/02/17	3858.60	-	64.72	0.00	3793.88
MW - 28	02/09/17	3858.60	-	64.66	0.00	3793.94
MW - 28	02/22/17	3858.60	-	64.74	0.00	3793.86
MW - 28	03/09/17	3858.60	-	64.77	0.00	3793.83
MW - 28	03/16/17	3858.60	-	64.76	0.00	3793.84
MW - 28	03/30/17	3858.60	-	64.79	0.00	3793.81
MW - 28	04/06/17	3858.60	-	64.82	0.00	3793.78
MW - 28	04/12/17	3858.60	-	64.82	0.00	3793.78
MW - 28	05/03/17	3858.60	-	64.87	0.00	3793.73
MW - 28	05/17/17	3858.60	-	64.87	0.00	3793.73
MW - 28	05/26/17	3858.60	-	64.86	0.00	3793.74
MW - 28	06/08/17	3858.60	-	64.94	0.00	3793.66
MW - 28	06/09/17	3858.60	-	64.94	0.00	3793.66
MW - 28	06/30/17	3858.60	-	64.98	0.00	3793.62
MW - 28	07/06/17	3858.60	-	65.01	0.00	3793.59

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 28	07/19/17	3858.60	-	64.97	0.00	3793.63
MW - 28	07/23/17	3858.60	-	65.04	0.00	3793.56
MW - 28	07/26/17	3858.60	-	64.91	0.00	3793.69
MW - 28	08/23/17	3858.60	-	65.10	0.00	3793.50
MW - 28	09/28/17	3858.60	-	65.18	0.00	3793.42
MW - 28	10/10/17	3858.60	-	65.19	0.00	3793.41
MW - 28	11/29/17	3858.60	-	65.32	0.00	3793.28
MW - 28	01/08/18	3858.60	-	65.36	0.00	3793.24
MW - 28	01/18/18	3858.60	-	65.40	0.00	3793.20
MW - 28	02/14/18	3858.60	-	65.43	0.00	3793.17
MW - 28	04/30/18	3858.60	-	65.44	0.00	3793.16
MW - 28	05/03/18	3858.60	-	65.47	0.00	3793.13
MW - 28	05/17/18	3858.60	-	65.67	0.00	3792.93
MW - 28	07/06/18	3858.60	-	65.67	0.00	3792.93
MW - 28	07/26/18	3858.60	-	65.69	0.00	3792.91
MW - 28	08/16/18	3858.60	-	65.73	0.00	3792.87
MW - 28	11/16/18	3858.60	-	65.87	0.00	3792.73
MW - 28	11/29/18	3858.60	-	65.90	0.00	3792.70
MW - 28	12/06/18	3858.60	-	65.93	0.00	3792.67
MW - 28	12/11/18	3858.60	-	66.03	0.00	3792.57
MW - 28	12/27/18	3858.60	-	66.06	0.00	3792.54
MW - 28	01/04/19	3858.60	-	66.09	0.00	3792.51
MW - 28	01/17/19	3858.60	-	66.15	0.00	3792.45
MW - 28	01/24/19	3858.60	-	66.16	0.00	3792.44
MW - 28	02/21/19	3858.60	-	66.11	0.00	3792.49
MW - 28	04/04/19	3858.60	-	66.26	0.00	3792.34
MW - 28	05/30/19	3858.60	-	66.28	0.00	3792.32
MW - 28	08/28/19	3858.60	-	66.49	0.00	3792.11
MW - 28	10/31/19	3858.60	-	66.63	0.00	3791.97
MW - 28	03/18/20	3858.60	-	66.89	0.00	3791.71
MW - 28	05/13/20	3858.60	-	66.97	0.00	3791.63
MW - 28	06/10/20	3858.60	-	66.99	0.00	3791.61
MW - 28	07/16/20	3858.60	-	67.06	0.00	3791.54
MW - 28	08/26/20	3858.60	-	66.99	0.00	3791.61
MW - 28	12/18/20	3858.60	-	67.14	0.00	3791.46
MW - 28	01/28/21	3858.60	-	67.21	0.00	3791.39
MW - 28	03/23/21	3858.60	-	67.32	0.00	3791.28
MW - 28	06/23/21	3858.60	-	67.37	0.00	3791.23
MW - 28	07/22/21	3858.60	-	67.56	0.00	3791.04
MW - 28	09/10/21	3858.60	-	67.64	0.00	3790.96

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 28	10/26/21	3858.60	-	67.68	0.00	3790.92
MW - 28	12/15/21	3858.60	-	67.80	0.00	3790.80
MW - 29	03/26/02	3858.54	-	61.28	0.00	3797.26
MW - 29	06/26/02	3858.54	-	61.42	0.00	3797.12
MW - 29	09/25/02	3858.54	-	61.53	0.00	3797.01
MW - 29	12/10/02	3858.54	-	61.59	0.00	3796.95
MW - 29	03/10/03	3858.54	-	61.68	0.00	3796.86
MW - 29	06/09/03	3858.54	-	61.30	0.00	3797.24
MW - 29	09/03/03	3858.54	-	61.86	0.00	3796.68
MW - 29	12/08/03	3858.54	-	62.00	0.00	3796.54
MW - 29	03/01/04	3858.54	-	62.08	0.00	3796.46
MW - 29	05/19/04	3858.54	-	62.14	0.00	3796.40
MW - 29	08/26/04	3858.54	-	62.25	0.00	3796.29
MW - 29	12/09/04	3858.54	-	61.65	0.00	3796.89
MW - 29	03/17/05	3858.54	-	61.40	0.00	3797.14
MW - 29	06/15/05	3858.54	-	61.45	0.00	3797.09
MW - 29	09/14/05	3858.54	-	61.58	0.00	3796.96
MW - 29	12/13/05	3858.54	-	61.80	0.00	3796.74
MW - 29	03/15/06	3858.54	-	61.97	0.00	3796.57
MW - 29	06/14/06	3858.54	-	62.09	0.00	3796.45
MW - 29	09/13/06	3858.54	-	62.19	0.00	3796.35
MW - 29	12/06/06	3858.54	-	62.26	0.00	3796.28
MW - 29	03/01/07	3858.54	-	62.30	0.00	3796.24
MW - 29	05/24/07	3858.54	-	62.38	0.00	3796.16
MW - 29	08/23/07	3858.54	-	62.44	0.00	3796.10
MW - 29	11/08/07	3858.54	-	62.52	0.00	3796.02
MW - 29	03/04/08	3858.54	-	62.59	0.00	3795.95
MW - 29	06/11/08	3858.54	-	62.67	0.00	3795.87
MW - 29	09/09/08	3858.54	-	62.74	0.00	3795.80
MW - 29	12/11/08	3858.54	-	61.83	0.00	3796.71
MW - 29	02/27/09	3858.54	-	62.87	0.00	3795.67
MW - 29	05/22/09	3858.54	-	62.93	0.00	3795.61
MW - 29	08/18/09	3858.54	-	62.98	0.00	3795.56
MW - 29	12/10/09	3858.54	-	63.03	0.00	3795.51
MW - 29	01/06/10	3858.54	-	63.02	0.00	3795.52
MW - 29	02/22/10	3858.54	-	63.06	0.00	3795.48
MW - 29	05/06/10	3858.54	-	63.02	0.00	3795.52
MW - 29	05/13/10	3858.54	-	63.01	0.00	3795.53
MW - 29	05/19/10	3858.54	-	63.00	0.00	3795.54

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 29	06/04/10	3858.54	-	63.14	0.00	3795.40
MW - 29	08/26/10	3858.54	-	63.16	0.00	3795.38
MW - 29	11/30/10	3858.54	-	63.06	0.00	3795.48
MW - 29	03/08/11	3858.54	-	63.08	0.00	3795.46
MW - 29	05/25/11	3858.54	-	63.10	0.00	3795.44
MW - 29	08/19/11	3858.54	-	63.47	0.00	3795.07
MW - 29	11/15/11	3858.54	-	63.55	0.00	3794.99
MW - 29	11/30/11	3858.54	-	63.40	0.00	3795.14
MW - 29	01/24/12	3858.54	-	63.51	0.00	3795.03
MW - 29	01/31/12	3858.54	-	63.51	0.00	3795.03
MW - 29	02/08/12	3858.54	-	63.53	0.00	3795.01
MW - 29	02/29/12	3858.54	-	63.55	0.00	3794.99
MW - 29	03/09/12	3858.54	-	63.60	0.00	3794.94
MW - 29	03/16/12	3858.54	-	63.59	0.00	3794.95
MW - 29	03/21/12	3858.54	-	63.60	0.00	3794.94
MW - 29	03/28/12	3858.54	-	63.60	0.00	3794.94
MW - 29	04/04/12	3858.54	-	63.62	0.00	3794.92
MW - 29	04/11/12	3858.54	-	63.62	0.00	3794.92
MW - 29	04/18/12	3858.54	-	63.62	0.00	3794.92
MW - 29	04/25/12	3858.54	-	63.64	0.00	3794.90
MW - 29	05/01/12	3858.54	-	63.65	0.00	3794.89
MW - 29	05/09/12	3858.54	-	63.64	0.00	3794.90
MW - 29	06/07/12	3858.54	-	63.68	0.00	3794.86
MW - 29	06/20/12	3858.54	-	63.73	0.00	3794.81
MW - 29	06/27/12	3858.54	-	63.73	0.00	3794.81
MW - 29	07/11/12	3858.54	-	63.76	0.00	3794.78
MW - 29	08/10/12	3858.54	-	63.99	0.00	3794.55
MW - 29	09/06/12	3858.54	-	63.80	0.00	3794.74
MW - 29	10/04/12	3858.54	-	63.91	0.00	3794.63
MW - 29	10/12/12	3858.54	-	63.92	0.00	3794.62
MW - 29	10/18/12	3858.54	-	63.93	0.00	3794.61
MW - 29	10/25/12	3858.54	-	63.92	0.00	3794.62
MW - 29	10/31/12	3858.54	-	63.90	0.00	3794.64
MW - 29	11/15/12	3858.54	-	63.92	0.00	3794.62
MW - 29	11/27/12	3858.54	-	63.91	0.00	3794.63
MW - 29	12/19/12	3858.54	-	63.97	0.00	3794.57
MW - 29	01/17/13	3858.54	-	63.99	0.00	3794.55
MW - 29	01/31/13	3858.54	-	64.01	0.00	3794.53

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 29	02/21/13	3858.54	-	64.00	0.00	3794.54
MW - 29	03/05/13	3858.54	-	64.05	0.00	3794.49
MW - 29	03/21/13	3858.54	-	64.01	0.00	3794.53
MW - 29	04/04/13	3858.54	-	64.06	0.00	3794.48
MW - 29	04/11/13	3858.54	-	64.05	0.00	3794.49
MW - 29	04/18/13	3858.54	-	64.09	0.00	3794.45
MW - 29	04/25/13	3858.54	-	64.08	0.00	3794.46
MW - 29	05/01/13	3858.54	-	64.08	0.00	3794.46
MW - 29	05/10/13	3858.54	-	64.07	0.00	3794.47
MW - 29	05/15/13	3858.54	-	64.06	0.00	3794.48
MW - 29	05/24/13	3858.54	-	64.10	0.00	3794.44
MW - 29	05/30/13	3858.54	-	64.09	0.00	3794.45
MW - 29	06/06/13	3858.54	-	64.10	0.00	3794.44
MW - 29	06/14/13	3858.54	-	64.11	0.00	3794.43
MW - 29	06/20/13	3858.54	-	64.12	0.00	3794.42
MW - 29	06/27/13	3858.54	-	64.09	0.00	3794.45
MW - 29	07/03/13	3858.54	-	64.12	0.00	3794.42
MW - 29	07/10/13	3858.54	-	64.13	0.00	3794.41
MW - 29	07/25/13	3858.54	-	64.13	0.00	3794.41
MW - 29	07/31/13	3858.54	-	64.15	0.00	3794.39
MW - 29	08/21/13	3858.54	-	64.11	0.00	3794.43
MW - 29	08/29/13	3858.54	-	64.15	0.00	3794.39
MW - 29	09/09/13	3858.54	-	64.24	0.00	3794.30
MW - 29	09/18/13	3858.54	-	64.25	0.00	3794.29
MW - 29	09/27/13	3858.54	-	64.24	0.00	3794.30
MW - 29	10/02/13	3858.54	-	64.22	0.00	3794.32
MW - 29	10/08/13	3858.54	-	64.23	0.00	3794.31
MW - 29	10/16/13	3858.54	-	64.25	0.00	3794.29
MW - 29	10/24/13	3858.54	-	64.17	0.00	3794.37
MW - 29	10/31/13	3858.54	-	64.17	0.00	3794.37
MW - 29	11/11/13	3858.54	-	64.16	0.00	3794.38
MW - 29	12/11/13	3858.54	-	64.32	0.00	3794.22
MW - 29	12/17/13	3858.54	-	64.30	0.00	3794.24
MW - 29	01/03/14	3858.54	-	64.34	0.00	3794.20
MW - 29	01/09/14	3858.54	-	64.31	0.00	3794.23
MW - 29	01/15/14	3858.54	-	64.30	0.00	3794.24
MW - 29	01/22/14	3858.54	-	64.29	0.00	3794.25
MW - 29	01/29/14	3858.54	-	64.30	0.00	3794.24
MW - 29	02/20/14	3858.54	-	64.24	0.00	3794.30
MW - 29	03/04/14	3858.54	-	64.26	0.00	3794.28

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 29	03/11/14	3858.54	-	64.38	0.00	3794.16
MW - 29	03/18/14	3858.54	-	64.36	0.00	3794.18
MW - 29	03/29/14	3858.54	-	64.38	0.00	3794.16
MW - 29	04/01/14	3858.54	-	64.36	0.00	3794.18
MW - 29	04/08/14	3858.54	-	64.32	0.00	3794.22
MW - 29	04/18/14	3858.54	-	64.35	0.00	3794.19
MW - 29	04/23/14	3858.54	-	64.38	0.00	3794.16
MW - 29	05/05/14	3858.54	-	64.37	0.00	3794.17
MW - 29	05/16/14	3858.54	-	64.35	0.00	3794.19
MW - 29	05/20/14	3858.54	-	64.40	0.00	3794.14
MW - 29	05/30/14	3858.54	-	64.39	0.00	3794.15
MW - 29	06/18/14	3858.54	-	64.42	0.00	3794.12
MW - 29	06/27/14	3858.54	-	64.40	0.00	3794.14
MW - 29	07/02/14	3858.54	-	64.45	0.00	3794.09
MW - 29	07/10/14	3858.54	-	64.43	0.00	3794.11
MW - 29	07/29/14	3858.54	-	64.48	0.00	3794.06
MW - 29	07/30/14	3858.54	-	64.48	0.00	3794.06
MW - 29	08/08/14	3858.54	-	64.48	0.00	3794.06
MW - 29	08/19/14	3858.54	-	64.42	0.00	3794.12
MW - 29	09/04/14	3858.54	-	64.45	0.00	3794.09
MW - 29	09/11/14	3858.54	-	64.50	0.00	3794.04
MW - 29	10/16/14	3858.54	-	64.50	0.00	3794.04
MW - 29	10/22/14	3858.54	-	64.50	0.00	3794.04
MW - 29	10/30/14	3858.54	-	64.50	0.00	3794.04
MW - 29	11/24/14	3858.54	-	64.51	0.00	3794.03
MW - 29	12/05/14	3858.54	-	64.46	0.00	3794.08
MW - 29	12/12/14	3858.54	-	64.54	0.00	3794.00
MW - 29	12/19/14	3858.54	-	64.53	0.00	3794.01
MW - 29	01/07/15	3858.54	-	64.56	0.00	3793.98
MW - 29	01/15/15	3858.54	-	64.54	0.00	3794.00
MW - 29	02/05/15	3858.54	-	64.54	0.00	3794.00
MW - 29	02/11/15	3858.54	-	64.55	0.00	3793.99
MW - 29	02/20/15	3858.54	-	64.51	0.00	3794.03
MW - 29	03/06/15	3858.54	-	64.55	0.00	3793.99
MW - 29	03/11/15	3858.54	-	64.56	0.00	3793.98
MW - 29	03/13/15	3858.54	-	64.56	0.00	3793.98
MW - 29	03/17/15	3858.54	-	64.53	0.00	3794.01
MW - 29	04/01/15	3858.54	-	64.57	0.00	3793.97
MW - 29	04/09/15	3858.54	-	64.58	0.00	3793.96
MW - 29	04/15/15	3858.54	-	64.57	0.00	3793.97

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 29	04/17/15	3858.54	-	61.86	0.00	3796.68
MW - 29	04/28/15	3858.54	-	64.59	0.00	3793.95
MW - 29	05/19/15	3858.54	-	64.61	0.00	3793.93
MW - 29	06/02/15	3858.54	-	64.52	0.00	3794.02
MW - 29	06/11/15	3858.54	-	64.55	0.00	3793.99
MW - 29	06/17/15	3858.54	-	64.55	0.00	3793.99
MW - 29	06/25/15	3858.54	-	64.55	0.00	3793.99
MW - 29	07/01/15	3858.54	-	64.58	0.00	3793.96
MW - 29	07/08/15	3858.54	-	64.59	0.00	3793.95
MW - 29	07/15/15	3858.54	-	64.58	0.00	3793.96
MW - 29	07/22/15	3858.54	-	64.82	0.00	3793.72
MW - 29	07/29/15	3858.54	-	64.60	0.00	3793.94
MW - 29	07/31/15	3858.54	-	64.21	0.00	3794.33
MW - 29	08/06/15	3858.54	-	64.59	0.00	3793.95
MW - 29	08/12/15	3858.54	-	64.60	0.00	3793.94
MW - 29	08/17/15	3858.54	-	64.62	0.00	3793.92
MW - 29	08/19/15	3858.54	-	64.66	0.00	3793.88
MW - 29	08/27/15	3858.54	-	64.61	0.00	3793.93
MW - 29	09/03/15	3858.54	-	64.63	0.00	3793.91
MW - 29	09/09/15	3858.54	-	64.68	0.00	3793.86
MW - 29	09/11/15	3858.54	-	64.72	0.00	3793.82
MW - 29	09/15/15	3858.54	-	64.66	0.00	3793.88
MW - 29	09/22/15	3858.54	-	64.70	0.00	3793.84
MW - 29	09/30/15	3858.54	-	64.73	0.00	3793.81
MW - 29	10/06/15	3858.54	-	64.71	0.00	3793.83
MW - 29	10/13/15	3858.54	-	64.72	0.00	3793.82
MW - 29	10/22/15	3858.54	-	64.74	0.00	3793.80
MW - 29	10/27/15	3858.54	-	64.75	0.00	3793.79
MW - 29	11/11/15	3858.54	-	64.74	0.00	3793.80
MW - 29	11/18/15	3858.54	-	64.67	0.00	3793.87
MW - 29	12/03/15	3858.54	-	64.78	0.00	3793.76
MW - 29	12/10/15	3858.54	-	64.67	0.00	3793.87
MW - 29	12/22/15	3858.54	-	64.80	0.00	3793.74
MW - 29	01/08/16	3858.54	-	64.84	0.00	3793.70
MW - 29	01/14/16	3858.54	-	64.66	0.00	3793.88
MW - 29	01/28/16	3858.54	-	64.81	0.00	3793.73
MW - 29	02/02/16	3858.54	-	64.81	0.00	3793.73
MW - 29	02/09/16	3858.54	-	64.74	0.00	3793.80
MW - 29	03/02/16	3858.54	-	64.85	0.00	3793.69
MW - 29	03/09/16	3858.54	-	64.84	0.00	3793.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 29	03/17/16	3858.54	-	64.79	0.00	3793.75
MW - 29	04/06/16	3858.54	-	64.85	0.00	3793.69
MW - 29	04/13/16	3858.54	-	64.87	0.00	3793.67
MW - 29	04/20/16	3858.54	-	64.77	0.00	3793.77
MW - 29	04/27/16	3858.54	-	64.88	0.00	3793.66
MW - 29	04/28/16	3858.54	-	64.88	0.00	3793.66
MW - 29	05/05/16	3858.54	-	64.88	0.00	3793.66
MW - 29	05/10/16	3858.54	-	64.91	0.00	3793.63
MW - 29	06/08/16	3858.54	-	64.95	0.00	3793.59
MW - 29	06/21/16	3858.54	-	64.94	0.00	3793.60
MW - 29	06/30/16	3858.54	-	64.94	0.00	3793.60
MW - 29	07/01/16	3858.54	-	64.94	0.00	3793.60
MW - 29	07/15/16	3858.54	-	64.93	0.00	3793.61
MW - 29	07/21/16	3858.54	-	64.97	0.00	3793.57
MW - 29	07/28/16	3858.54	-	64.93	0.00	3793.61
MW - 29	08/02/16	3858.54	-	65.01	0.00	3793.53
MW - 29	08/09/16	3858.54	-	64.89	0.00	3793.65
MW - 29	08/16/16	3858.54	-	64.89	0.00	3793.65
MW - 29	08/25/16	3858.54	-	64.96	0.00	3793.58
MW - 29	09/01/16	3858.54	-	65.00	0.00	3793.54
MW - 29	09/08/16	3858.54	-	65.00	0.00	3793.54
MW - 29	9/14/16 -9/15/2016	3858.54	-	65.01	0.00	3793.53
MW - 29	09/22/16	3858.54	-	65.00	0.00	3793.54
MW - 29	09/29/16	3858.54	-	65.04	0.00	3793.50
MW - 29	10/13/16	3858.54	-	65.05	0.00	3793.49
MW - 29	10/20/16	3858.54	-	65.08	0.00	3793.46
MW - 29	10/27/16	3858.54	-	65.05	0.00	3793.49
MW - 29	11/10/16	3858.54	-	65.03	0.00	3793.51
MW - 29	11/16/16	3858.54	-	65.08	0.00	3793.46
MW - 29	12/09/16	3858.54	-	65.07	0.00	3793.47
MW - 29	12/14/16	3858.54	-	65.12	0.00	3793.42
MW - 29	01/05/17	3858.54	-	65.18	0.00	3793.36
MW - 29	01/12/17	3858.54	-	65.14	0.00	3793.40
MW - 29	01/19/17	3858.54	-	65.14	0.00	3793.40
MW - 29	01/20/17	3858.54	-	65.15	0.00	3793.39
MW - 29	01/25/17	3858.54	-	65.23	0.00	3793.31
MW - 29	02/02/17	3858.54	-	65.23	0.00	3793.31
MW - 29	02/09/17	3858.54	-	65.17	0.00	3793.37
MW - 29	02/21/17	3858.54	-	65.24	0.00	3793.30
MW - 29	03/09/17	3858.54	-	65.25	0.00	3793.29

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 29	03/16/17	3858.54	-	65.25	0.00	3793.29
MW - 29	03/30/17	3858.54	-	65.31	0.00	3793.23
MW - 29	04/06/17	3858.54	-	65.31	0.00	3793.23
MW - 29	04/12/17	3858.54	-	65.28	0.00	3793.26
MW - 29	05/03/17	3858.54	-	65.36	0.00	3793.18
MW - 29	05/16/17	3858.54	-	65.36	0.00	3793.18
MW - 29	05/26/17	3858.54	-	65.35	0.00	3793.19
MW - 29	06/08/17	3858.54	-	65.35	0.00	3793.19
MW - 29	06/09/17	3858.54	-	65.35	0.00	3793.19
MW - 29	06/30/17	3858.54	-	65.47	0.00	3793.07
MW - 29	07/06/17	3858.54	-	65.52	0.00	3793.02
MW - 29	07/19/17	3858.54	-	65.46	0.00	3793.08
MW - 29	07/23/17	3858.54	-	65.55	0.00	3792.99
MW - 29	07/26/17	3858.54	-	65.30	0.00	3793.24
MW - 29	08/22/17	3858.54	-	65.62	0.00	3792.92
MW - 29	09/28/17	3858.54	-	65.67	0.00	3792.87
MW - 29	10/10/17	3858.54	-	65.73	0.00	3792.81
MW - 29	11/28/17	3858.54	-	65.82	0.00	3792.72
MW - 29	01/08/18	3858.54	-	65.79	0.00	3792.75
MW - 29	01/18/18	3858.54	-	65.82	0.00	3792.72
MW - 29	02/13/18	3858.54	-	65.85	0.00	3792.69
MW - 29	04/30/18	3858.54	-	65.78	0.00	3792.76
MW - 29	05/03/18	3858.54	-	65.99	0.00	3792.55
MW - 29	05/16/18	3858.54	-	65.97	0.00	3792.57
MW - 29	07/06/18	3858.54	-	66.06	0.00	3792.48
MW - 29	07/05/18	3858.54	-	66.06	0.00	3792.48
MW - 29	07/26/18	3858.54	-	66.09	0.00	3792.45
MW - 29	08/15/18	3858.54	-	66.12	0.00	3792.42
MW - 29	11/16/18	3858.54	-	66.28	0.00	3792.26
MW - 29	11/28/18	3858.54	-	66.35	0.00	3792.19
MW - 29	12/06/18	3858.54	-	66.35	0.00	3792.19
MW - 29	12/11/18	3858.54	-	66.35	0.00	3792.19
MW - 29	12/27/18	3858.54	-	66.36	0.00	3792.18
MW - 29	01/04/19	3858.54	-	66.38	0.00	3792.16
MW - 29	01/17/19	3858.54	-	66.41	0.00	3792.13
MW - 29	01/24/19	3858.54	-	66.45	0.00	3792.09
MW - 29	02/20/19	3858.54	-	66.45	0.00	3792.09
MW - 29	04/04/19	3858.54	-	66.52	0.00	3792.02
MW - 29	05/29/19	3858.54	-	66.60	0.00	3791.94
MW - 29	08/27/19	3858.54	-	66.78	0.00	3791.76

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 29	10/30/19	3858.54	-	66.90	0.00	3791.64
MW - 29	03/17/20	3858.54	-	67.18	0.00	3791.36
MW - 29	05/13/20	3858.54	-	67.27	0.00	3791.27
MW - 29	06/09/20	3858.54	-	67.32	0.00	3791.22
MW - 29	07/16/20	3858.54	-	67.34	0.00	3791.20
MW - 29	08/26/20	3858.54	-	67.40	0.00	3791.14
MW - 29	12/16/20	3858.54	-	67.54	0.00	3791.00
MW - 29	01/28/21	3858.54	-	67.61	0.00	3790.93
MW - 29	03/22/21	3858.54	-	67.72	0.00	3790.82
MW - 29	06/23/21	3858.54	-	68.05	0.00	3790.49
MW - 29	07/22/21	3858.54	-	67.95	0.00	3790.59
MW - 29	09/09/21	3858.54	-	68.05	0.00	3790.49
MW - 29	10/26/21	3858.54	-	68.09	0.00	3790.45
MW - 29	12/15/21	3858.54	-	68.20	0.00	3790.34
MW - 30	03/26/02	3858.35	-	59.75	0.00	3798.60
MW - 30	06/26/02	3858.35	-	59.84	0.00	3798.51
MW - 30	09/25/02	3858.35	-	59.96	0.00	3798.39
MW - 30	12/10/02	3858.35	-	60.02	0.00	3798.33
MW - 30	03/10/03	3858.35	-	60.08	0.00	3798.27
MW - 30	06/09/03	3858.35	-	60.17	0.00	3798.18
MW - 30	09/03/03	3858.35	-	60.28	0.00	3798.07
MW - 30	12/08/03	3858.35	-	60.41	0.00	3797.94
MW - 30	03/01/04	3858.35	-	60.49	0.00	3797.86
MW - 30	05/19/04	3858.35	-	60.63	0.00	3797.72
MW - 30	08/26/04	3858.35	-	60.65	0.00	3797.70
MW - 30	12/09/04	3858.35	-	60.05	0.00	3798.30
MW - 30	03/17/05	3858.35	-	59.75	0.00	3798.60
MW - 30	06/15/05	3858.35	-	59.82	0.00	3798.53
MW - 30	09/14/05	3858.35	-	60.93	0.00	3797.42
MW - 30	12/13/05	3858.35	-	60.16	0.00	3798.19
MW - 30	03/15/06	3858.35	-	60.32	0.00	3798.03
MW - 30	06/14/06	3858.35	-	60.46	0.00	3797.89
MW - 30	09/13/06	3858.35	-	60.57	0.00	3797.78
MW - 30	12/06/06	3858.35	-	60.66	0.00	3797.69
MW - 30	03/01/07	3858.35	-	60.64	0.00	3797.71
MW - 30	05/24/07	3858.35	-	60.74	0.00	3797.61
MW - 30	08/23/07	3858.35	-	60.80	0.00	3797.55
MW - 30	11/08/07	3858.35	-	60.86	0.00	3797.49
MW - 30	03/04/08	3858.35	-	60.97	0.00	3797.38

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 30	06/11/08	3858.35	-	61.00	0.00	3797.35
MW - 30	09/09/08	3858.35	-	61.09	0.00	3797.26
MW - 30	12/11/08	3858.35	-	61.18	0.00	3797.17
MW - 30	02/27/09	3858.35	-	61.23	0.00	3797.12
MW - 30	05/21/09	3858.35	-	61.30	0.00	3797.05
MW - 30	08/18/09	3858.35	-	61.38	0.00	3796.97
MW - 30	12/09/09	3858.35	-	61.44	0.00	3796.91
MW - 30	01/06/10	3858.35	-	61.46	0.00	3796.89
MW - 30	02/22/10	3858.35	-	61.52	0.00	3796.83
MW - 30	06/04/10	3858.35	-	61.56	0.00	3796.79
MW - 30	08/26/10	3858.35	-	61.57	0.00	3796.78
MW - 30	11/30/10	3858.35	-	61.43	0.00	3796.92
MW - 30	03/08/11	3858.35	-	61.45	0.00	3796.90
MW - 30	05/25/11	3858.35	-	61.45	0.00	3796.90
MW - 30	08/18/11	3858.35	-	61.82	0.00	3796.53
MW - 30	11/15/11	3858.35	-	61.81	0.00	3796.54
MW - 30	02/29/12	3858.35	-	62.02	0.00	3796.33
MW - 30	05/01/12	3858.35	-	62.07	0.00	3796.28
MW - 30	08/10/12	3858.35	-	62.42	0.00	3795.93
MW - 30	11/27/12	3858.35	-	62.38	0.00	3795.97
MW - 30	02/21/13	3858.35	-	62.46	0.00	3795.89
MW - 30	05/15/13	3858.35	-	62.55	0.00	3795.80
MW - 30	08/20/13	3858.35	-	62.61	0.00	3795.74
MW - 30	11/11/13	3858.35	-	62.68	0.00	3795.67
MW - 30	02/19/14	3858.35	-	62.76	0.00	3795.59
MW - 30	05/20/14	3858.35	-	62.81	0.00	3795.54
MW - 30	07/29/14	3858.35	-	62.88	0.00	3795.47
MW - 30	08/19/14	3858.35	-	62.89	0.00	3795.46
MW - 30	10/30/14	3858.35	-	63.03	0.00	3795.32
MW - 30	11/24/14	3858.35	-	63.01	0.00	3795.34
MW - 30	02/10/15	3858.35	-	63.04	0.00	3795.31
MW - 30	03/11/15	3858.35	-	63.06	0.00	3795.29
MW - 30	04/17/15	3858.35	-	62.07	0.00	3796.28
MW - 30	05/19/15	3858.35	-	63.09	0.00	3795.26
MW - 30	07/31/15	3858.35	-	63.12	0.00	3795.23
MW - 30	08/12/15	3858.35	-	63.16	0.00	3795.19
MW - 30	09/11/15	3858.35	-	63.16	0.00	3795.19
MW - 30	11/10/15	3858.35	-	63.23	0.00	3795.12
MW - 30	02/02/16	3858.35	-	63.34	0.00	3795.01
MW - 30	04/28/16	3858.35	-	63.38	0.00	3794.97

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 30	05/10/16	3858.35	-	63.40	0.00	3794.95
MW - 30	07/01/16	3858.35	-	63.42	0.00	3794.93
MW - 30	07/29/16	3858.35	-	63.46	0.00	3794.89
MW - 30	08/08/16	3858.35	-	63.46	0.00	3794.89
MW - 30	09/15/16	3858.35	-	63.45	0.00	3794.90
MW - 30	11/15/16	3858.35	-	63.55	0.00	3794.80
MW - 30	12/14/16	3858.35	-	63.62	0.00	3794.73
MW - 30	01/20/17	3858.35	-	63.67	0.00	3794.68
MW - 30	02/21/17	3858.35	-	63.71	0.00	3794.64
MW - 30	05/16/17	3858.35	-	63.80	0.00	3794.55
MW - 30	07/26/17	3858.35	-	63.96	0.00	3794.39
MW - 30	08/22/17	3858.35	-	64.03	0.00	3794.32
MW - 30	10/10/17	3858.35	-	64.15	0.00	3794.20
MW - 30	11/28/17	3858.35	-	64.24	0.00	3794.11
MW - 30	01/08/18	3858.35	-	64.27	0.00	3794.08
MW - 30	02/13/18	3858.35	-	64.32	0.00	3794.03
MW - 30	04/30/18	3858.35	-	64.46	0.00	3793.89
MW - 30	05/16/18	3858.35	-	64.48	0.00	3793.87
MW - 30	07/05/18	3858.35	-	65.56	0.00	3792.79
MW - 30	07/26/18	3858.35	-	64.57	0.00	3793.78
MW - 30	08/15/18	3858.35	-	64.63	0.00	3793.72
MW - 30	11/27/18	3858.35	-	64.82	0.00	3793.53
MW - 30	12/27/18	3858.35	-	64.84	0.00	3793.51
MW - 30	01/17/19	3858.35	-	64.89	0.00	3793.46
MW - 30	02/20/19	3858.35	-	64.92	0.00	3793.43
MW - 30	05/29/19	3858.35	-	65.09	0.00	3793.26
MW - 30	08/27/19	3858.35	-	65.22	0.00	3793.13
MW - 30	10/29/19	3858.35	-	65.35	0.00	3793.00
MW - 30	03/17/20	3858.35	-	64.60	0.00	3793.75
MW - 30	05/13/20	3858.35	-	65.68	0.00	3792.67
MW - 30	06/09/20	3858.35	-	65.68	0.00	3792.67
MW - 30	07/16/20	3858.35	-	65.66	0.00	3792.69
MW - 30	08/25/20	3858.35	-	65.68	0.00	3792.67
MW - 30	12/17/20	3858.35	-	Dry		
MW - 30	01/28/21	3858.35	-	Dry		
MW - 30	03/24/21	3858.35	-	Dry		
MW - 30	06/23/21	3858.35	-	Dry		
MW - 30	07/22/21	3858.35	-	Dry		
MW - 30	09/10/21	3858.35	-	Dry		
MW - 30	10/26/21	3858.35	-	Dry		

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 30	12/15/21	3858.35	-	Dry		
MW - 31	03/26/02	3858.52	-	60.70	0.00	3797.82
MW - 31	06/26/02	3858.52	-	60.77	0.00	3797.75
MW - 31	09/25/02	3858.52	-	60.90	0.00	3797.62
MW - 31	12/10/02	3858.52	-	60.96	0.00	3797.56
MW - 31	03/10/03	3858.52	-	61.04	0.00	3797.48
MW - 31	06/09/03	3858.52	-	61.15	0.00	3797.37
MW - 31	09/03/03	3858.52	-	61.26	0.00	3797.26
MW - 31	12/08/03	3858.52	-	61.35	0.00	3797.17
MW - 31	03/01/04	3858.52	-	61.48	0.00	3797.04
MW - 31	05/19/04	3858.52	-	61.50	0.00	3797.02
MW - 31	08/26/04	3858.52	-	61.65	0.00	3796.87
MW - 31	12/09/04	3858.52	-	60.98	0.00	3797.54
MW - 31	03/17/05	3858.52	-	60.72	0.00	3797.80
MW - 31	06/15/05	3858.52	-	60.79	0.00	3797.73
MW - 31	09/14/05	3858.52	-	59.98	0.00	3798.54
MW - 31	12/13/05	3858.52	-	61.11	0.00	3797.41
MW - 31	03/15/06	3858.52	-	61.26	0.00	3797.26
MW - 31	06/14/06	3858.52	-	61.38	0.00	3797.14
MW - 31	09/13/06	3858.52	-	61.48	0.00	3797.04
MW - 31	12/06/06	3858.52	-	61.55	0.00	3796.97
MW - 31	03/01/07	3858.52	-	61.58	0.00	3796.94
MW - 31	05/24/07	3858.52	-	60.64	0.00	3797.88
MW - 31	08/23/07	3858.52	-	61.71	0.00	3796.81
MW - 31	11/08/07	3858.52	-	61.80	0.00	3796.72
MW - 31	03/04/08	3858.52	-	61.88	0.00	3796.64
MW - 31	06/11/08	3858.52	-	61.94	0.00	3796.58
MW - 31	09/09/08	3858.52	-	62.01	0.00	3796.51
MW - 31	12/11/08	3858.52	-	62.11	0.00	3796.41
MW - 31	02/27/09	3858.52	-	62.15	0.00	3796.37
MW - 31	05/21/09	3858.52	-	62.14	0.00	3796.38
MW - 31	08/18/09	3858.52	-	62.27	0.00	3796.25
MW - 31	12/09/09	3858.52	-	62.38	0.00	3796.14
MW - 31	01/06/10	3858.52	-	62.39	0.00	3796.13
MW - 31	02/22/10	3858.52	-	62.41	0.00	3796.11
MW - 31	06/04/10	3858.52	-	62.44	0.00	3796.08
MW - 31	08/26/10	3858.52	-	62.42	0.00	3796.10
MW - 31	11/30/10	3858.52	-	62.39	0.00	3796.13
MW - 31	03/08/11	3858.52	-	62.39	0.00	3796.13

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 31	05/25/11	3858.52	-	62.40	0.00	3796.12
MW - 31	08/18/11	3858.52	-	62.77	0.00	3795.75
MW - 31	11/15/11	3858.52	-	62.73	0.00	3795.79
MW - 31	02/29/12	3858.52	-	62.94	0.00	3795.58
MW - 31	05/01/12	3858.52	-	62.99	0.00	3795.53
MW - 31	08/10/12	3858.52	-	63.35	0.00	3795.17
MW - 31	11/27/12	3858.52	-	63.28	0.00	3795.24
MW - 31	02/21/13	3858.52	-	63.38	0.00	3795.14
MW - 31	05/15/13	3858.52	-	63.42	0.00	3795.10
MW - 31	08/20/13	3858.52	-	63.50	0.00	3795.02
MW - 31	11/11/13	3858.52	-	63.57	0.00	3794.95
MW - 31	02/19/14	3858.52	-	63.68	0.00	3794.84
MW - 31	05/20/14	3858.52	-	63.75	0.00	3794.77
MW - 31	07/29/14	3858.52	-	63.81	0.00	3794.71
MW - 31	08/19/14	3858.52	-	63.81	0.00	3794.71
MW - 31	10/30/14	3858.52	-	63.88	0.00	3794.64
MW - 31	11/24/14	3858.52	-	63.87	0.00	3794.65
MW - 31	02/10/15	3858.52	-	63.89	0.00	3794.63
MW - 31	03/11/15	3858.52	-	63.91	0.00	3794.61
MW - 31	04/17/15	3858.52	-	62.06	0.00	3796.46
MW - 31	05/19/15	3858.52	-	63.94	0.00	3794.58
MW - 31	07/31/15	3858.52	-	64.01	0.00	3794.51
MW - 31	08/12/15	3858.52	-	64.03	0.00	3794.49
MW - 31	09/11/15	3858.52	-	64.05	0.00	3794.47
MW - 31	11/10/15	3858.52	-	64.09	0.00	3794.43
MW - 31	02/02/16	3858.52	-	64.17	0.00	3794.35
MW - 31	04/28/16	3858.52	-	64.24	0.00	3794.28
MW - 31	05/10/16	3858.52	-	64.25	0.00	3794.27
MW - 31	07/01/16	3858.52	-	64.30	0.00	3794.22
MW - 31	07/29/16	3858.52	-	64.31	0.00	3794.21
MW - 31	08/08/16	3858.52	-	64.33	0.00	3794.19
MW - 31	09/15/16	3858.52	-	64.35	0.00	3794.17
MW - 31	11/15/16	3858.52	-	64.43	0.00	3794.09
MW - 31	12/14/16	3858.52	-	64.49	0.00	3794.03
MW - 31	01/20/17	3858.52	-	64.51	0.00	3794.01
MW - 31	02/21/17	3858.52	-	64.57	0.00	3793.95
MW - 31	05/16/17	3858.52	-	64.74	0.00	3793.78
MW - 31	07/26/17	3858.52	-	64.90	0.00	3793.62
MW - 31	08/22/17	3858.52	-	64.98	0.00	3793.54
MW - 31	10/10/17	3858.52	-	65.10	0.00	3793.42

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 31	11/28/17	3858.52	-	65.22	0.00	3793.30
MW - 31	01/08/18	3858.52	-	65.29	0.00	3793.23
MW - 31	02/13/18	3858.52	-	65.34	0.00	3793.18
MW - 31	04/30/18	3858.52	-	65.44	0.00	3793.08
MW - 31	05/16/18	3858.52	-	65.37	0.00	3793.15
MW - 31	07/05/18	3858.52	-	65.57	0.00	3792.95
MW - 31	07/26/18	3858.52	-	65.61	0.00	3792.91
MW - 31	08/15/18	3858.52	-	65.62	0.00	3792.90
MW - 31	11/27/18	3858.52	-	65.85	0.00	3792.67
MW - 31	12/27/18	3858.52	-	65.91	0.00	3792.61
MW - 31	01/17/19	3858.52	-	65.96	0.00	3792.56
MW - 31	02/20/19	3858.52	-	66.00	0.00	3792.52
MW - 31	04/04/19	3858.52	-	66.07	0.00	3792.45
MW - 31	05/29/19	3858.52	-	66.16	0.00	3792.36
MW - 31	08/27/19	3858.52	-	66.32	0.00	3792.20
MW - 31	10/30/19	3858.52	-	66.47	0.00	3792.05
MW - 31	03/17/20	3858.52	-	66.70	0.00	3791.82
MW - 31	05/13/20	3858.52	-	66.76	0.00	3791.76
MW - 31	06/09/20	3858.52	-	66.78	0.00	3791.74
MW - 31	07/16/20	3858.52	-	66.84	0.00	3791.68
MW - 31	08/25/20	3858.52	-	66.88	0.00	3791.64
MW - 31	12/17/20	3858.52	-	67.04	0.00	3791.48
MW - 31	01/28/21	3858.52	-	67.12	0.00	3791.40
MW - 31	03/22/21	3858.52	-	67.23	0.00	3791.29
MW - 31	06/21/21	3858.52	-	67.21	0.00	3791.31
MW - 31	09/09/21	3858.52	-	67.54	0.00	3790.98
MW - 31	10/26/21	3858.52	-	67.66	0.00	3790.86
MW - 31	12/15/21	3858.52	-	67.70	0.00	3790.82
MW-32	11/03/04	3858.07	-	61.62	0.00	3796.45
MW-32	11/10/04	3858.07	-	61.58	0.00	3796.49
MW-32	03/17/05	3858.07	-	61.13	0.00	3796.94
MW-32	06/15/05	3858.07	-	61.22	0.00	3796.85
MW-32	09/14/05	3858.07	-	61.34	0.00	3796.73
MW-32	12/13/05	3858.07	-	61.54	0.00	3796.53
MW-32	03/15/06	3858.07	-	61.70	0.00	3796.37
MW-32	06/14/06	3858.07	-	61.83	0.00	3796.24
MW-32	09/13/06	3858.07	-	61.93	0.00	3796.14
MW-32	12/06/06	3858.07	-	61.98	0.00	3796.09
MW-32	03/01/07	3858.07	-	62.01	0.00	3796.06

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-32	05/24/07	3858.07	-	62.06	0.00	3796.01
MW-32	08/23/07	3858.07	-	62.13	0.00	3795.94
MW-32	11/08/07	3858.07	-	62.21	0.00	3795.86
MW-32	03/04/08	3858.07	-	62.34	0.00	3795.73
MW-32	06/11/08	3858.07	-	62.38	0.00	3795.69
MW-32	09/09/08	3858.07	-	62.46	0.00	3795.61
MW-32	12/11/08	3858.07	-	62.53	0.00	3795.54
MW-32	02/26/09	3858.07	-	62.60	0.00	3795.47
MW-32	05/22/09	3858.07	-	62.54	0.00	3795.53
MW-32	08/18/09	3858.07	-	62.70	0.00	3795.37
MW-32	12/10/09	3858.07	-	62.74	0.00	3795.33
MW-32	01/06/10	3858.07	-	62.76	0.00	3795.31
MW-32	02/22/10	3858.07	-	62.78	0.00	3795.29
MW-32	05/06/10	3858.07	-	62.76	0.00	3795.31
MW-32	05/13/10	3858.07	-	62.74	0.00	3795.33
MW-32	05/19/10	3858.07	-	62.76	0.00	3795.31
MW-32	06/04/10	3858.07	-	62.83	0.00	3795.24
MW-32	08/26/10	3858.07	-	62.83	0.00	3795.24
MW-32	11/30/10	3858.07	-	62.75	0.00	3795.32
MW-32	03/08/11	3858.07	-	62.73	0.00	3795.34
MW-32	05/25/11	3858.07	-	62.72	0.00	3795.35
MW-32	08/19/11	3858.07	-	63.09	0.00	3794.98
MW-32	11/15/11	3858.07	-	63.10	0.00	3794.97
MW-32	11/30/11	3858.07	-	63.11	0.00	3794.96
MW-32	01/24/12	3858.07	-	63.25	0.00	3794.82
MW-32	01/31/12	3858.07	-	63.25	0.00	3794.82
MW-32	02/08/12	3858.07	-	63.26	0.00	3794.81
MW-32	02/29/12	3858.07	-	63.30	0.00	3794.77
MW-32	03/09/12	3858.07	-	63.35	0.00	3794.72
MW-32	03/16/12	3858.07	-	63.34	0.00	3794.73
MW-32	03/21/12	3858.07	-	63.35	0.00	3794.72
MW-32	03/28/12	3858.07	-	63.34	0.00	3794.73
MW-32	04/04/12	3858.07	-	63.36	0.00	3794.71
MW-32	04/11/12	3858.07	-	63.37	0.00	3794.70
MW-32	04/18/12	3858.07	-	64.39	0.00	3793.68
MW-32	04/25/12	3858.07	-	63.39	0.00	3794.68
MW-32	05/01/12	3858.07	-	63.39	0.00	3794.68
MW-32	05/09/12	3858.07	-	63.39	0.00	3794.68
MW-32	06/07/12	3858.07	-	63.43	0.00	3794.64
MW-32	06/20/12	3858.07	-	63.47	0.00	3794.60

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-32	06/27/12	3858.07	-	63.47	0.00	3794.60
MW-32	07/11/12	3858.07	-	63.51	0.00	3794.56
MW-32	08/10/12	3858.07	-	63.74	0.00	3794.33
MW-32	09/06/12	3858.07	-	63.55	0.00	3794.52
MW-32	10/04/12	3858.07	-	63.64	0.00	3794.43
MW-32	10/12/12	3858.07	-	63.64	0.00	3794.43
MW-32	10/18/12	3858.07	-	63.65	0.00	3794.42
MW-32	10/25/12	3858.07	-	63.66	0.00	3794.41
MW-32	10/31/12	3858.07	-	63.65	0.00	3794.42
MW-32	11/15/12	3858.07	-	63.65	0.00	3794.42
MW-32	11/27/12	3858.07	-	63.66	0.00	3794.41
MW-32	12/19/12	3858.07	-	63.70	0.00	3794.37
MW-32	01/17/13	3858.07	-	63.55	0.00	3794.52
MW-32	01/31/13	3858.07	-	63.73	0.00	3794.34
MW-32	02/21/13	3858.07	-	63.74	0.00	3794.33
MW-32	03/05/13	3858.07	-	63.79	0.00	3794.28
MW-32	03/21/13	3858.07	-	63.74	0.00	3794.33
MW-32	04/04/13	3858.07	-	63.79	0.00	3794.28
MW-32	04/11/13	3858.07	-	63.79	0.00	3794.28
MW-32	04/18/13	3858.07	-	63.82	0.00	3794.25
MW-32	04/25/13	3858.07	-	63.80	0.00	3794.27
MW-32	05/01/13	3858.07	-	63.81	0.00	3794.26
MW-32	05/10/13	3858.07	-	63.81	0.00	3794.26
MW-32	05/15/13	3858.07	-	63.78	0.00	3794.29
MW-32	05/24/13	3858.07	-	63.85	0.00	3794.22
MW-32	05/30/13	3858.07	-	63.86	0.00	3794.21
MW-32	06/06/13	3858.07	-	63.84	0.00	3794.23
MW-32	06/14/13	3858.07	-	63.85	0.00	3794.22
MW-32	06/20/13	3858.07	-	63.86	0.00	3794.21
MW-32	06/27/13	3858.07	-	63.82	0.00	3794.25
MW-32	07/03/13	3858.07	-	63.88	0.00	3794.19
MW-32	07/10/13	3858.07	-	63.87	0.00	3794.20
MW-32	07/25/13	3858.07	-	63.89	0.00	3794.18
MW-32	07/31/13	3858.07	-	63.86	0.00	3794.21
MW-32	08/21/13	3858.07	-	63.85	0.00	3794.22
MW-32	08/29/13	3858.07	-	63.29	0.00	3794.78
MW-32	09/09/13	3858.07	-	63.99	0.00	3794.08
MW-32	09/18/13	3858.07	-	64.01	0.00	3794.06
MW-32	09/27/13	3858.07	-	63.99	0.00	3794.08
MW-32	10/02/13	3858.07	-	63.96	0.00	3794.11

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-32	10/08/13	3858.07	-	63.90	0.00	3794.17
MW-32	10/16/13	3858.07	-	65.96	0.00	3792.11
MW-32	10/24/13	3858.07	-	63.91	0.00	3794.16
MW-32	10/31/13	3858.07	-	63.90	0.00	3794.17
MW-32	11/11/13	3858.07	-	63.90	0.00	3794.17
MW-32	12/11/13	3858.07	-	63.96	0.00	3794.11
MW-32	12/17/13	3858.07	-	64.08	0.00	3793.99
MW-32	01/03/14	3858.07	-	64.09	0.00	3793.98
MW-32	01/09/14	3858.07	-	64.06	0.00	3794.01
MW-32	01/15/14	3858.07	-	63.97	0.00	3794.10
MW-32	01/22/14	3858.07	-	63.96	0.00	3794.11
MW-32	01/29/14	3858.07	-	63.99	0.00	3794.08
MW-32	02/20/14	3858.07	-	64.01	0.00	3794.06
MW-32	03/04/14	3858.07	-	64.01	0.00	3794.06
MW-32	03/11/14	3858.07	-	64.15	0.00	3793.92
MW-32	03/18/14	3858.07	-	64.08	0.00	3793.99
MW-32	03/29/14	3858.07	-	64.08	0.00	3793.99
MW-32	04/01/14	3858.07	-	64.12	0.00	3793.95
MW-32	04/08/14	3858.07	-	64.12	0.00	3793.95
MW-32	04/18/14	3858.07	-	64.09	0.00	3793.98
MW-32	04/23/14	3858.07	-	64.10	0.00	3793.97
MW-32	05/05/14	3858.07	-	64.07	0.00	3794.00
MW-32	05/16/14	3858.07	-	64.08	0.00	3793.99
MW-32	05/20/14	3858.07	-	64.15	0.00	3793.92
MW-32	05/30/14	3858.07	-	64.13	0.00	3793.94
MW-32	06/18/14	3858.07	-	64.12	0.00	3793.95
MW-32	06/27/14	3858.07	-	64.17	0.00	3793.90
MW-32	07/02/14	3858.07	-	64.22	0.00	3793.85
MW-32	07/10/14	3858.07	-	64.18	0.00	3793.89
MW-32	07/29/14	3858.07	-	64.23	0.00	3793.84
MW-32	07/30/14	3858.07	-	64.23	0.00	3793.84
MW-32	08/08/14	3858.07	-	64.20	0.00	3793.87
MW-32	08/19/14	3858.07	-	64.14	0.00	3793.93
MW-32	09/04/14	3858.07	-	64.20	0.00	3793.87
MW-32	09/11/14	3858.07	-	64.40	0.00	3793.67
MW-32	10/16/14	3858.07	-	64.24	0.00	3793.83
MW-32	10/22/14	3858.07	-	64.23	0.00	3793.84
MW-32	10/30/14	3858.07	-	64.26	0.00	3793.81
MW-32	11/24/14	3858.07	-	64.27	0.00	3793.80
MW-32	12/05/14	3858.07	-	64.19	0.00	3793.88

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-32	12/12/14	3858.07	-	64.26	0.00	3793.81
MW-32	12/19/14	3858.07	-	64.25	0.00	3793.82
MW-32	01/07/15	3858.07	-	64.21	0.00	3793.86
MW-32	01/15/15	3858.07	-	64.29	0.00	3793.78
MW-32	02/05/15	3858.07	-	64.27	0.00	3793.80
MW-32	02/11/15	3858.07	-	64.23	0.00	3793.84
MW-32	02/20/15	3858.07	-	64.30	0.00	3793.77
MW-32	03/06/15	3858.07	-	64.28	0.00	3793.79
MW-32	03/11/15	3858.07	-	64.29	0.00	3793.78
MW-32	03/13/15	3858.07	-	64.34	0.00	3793.73
MW-32	03/17/15	3858.07	-	64.26	0.00	3793.81
MW-32	04/01/15	3858.07	-	64.25	0.00	3793.82
MW-32	04/09/15	3858.07	-	64.31	0.00	3793.76
MW-32	04/15/15	3858.07	-	64.33	0.00	3793.74
MW-32	04/17/15	3858.07	-	62.01	0.00	3796.06
MW-32	04/28/15	3858.07	-	64.32	0.00	3793.75
MW-32	05/19/15	3858.07	-	64.26	0.00	3793.81
MW-32	06/02/15	3858.07	-	64.25	0.00	3793.82
MW-32	06/11/15	3858.07	-	64.28	0.00	3793.79
MW-32	06/17/15	3858.07	-	64.28	0.00	3793.79
MW-32	06/25/15	3858.07	-	64.28	0.00	3793.79
MW-32	07/01/15	3858.07	-	64.29	0.00	3793.78
MW-32	07/08/15	3858.07	-	64.31	0.00	3793.76
MW-32	07/15/15	3858.07	-	64.31	0.00	3793.76
MW-32	07/22/15	3858.07	-	64.57	0.00	3793.50
MW-32	07/29/15	3858.07	-	64.33	0.00	3793.74
MW-32	07/31/15	3858.07	-	64.25	0.00	3793.82
MW-32	08/06/15	3858.07	-	64.33	0.00	3793.74
MW-32	08/12/15	3858.07	-	64.15	0.00	3793.92
MW-32	08/17/15	3858.07	-	64.16	0.00	3793.91
MW-32	08/19/15	3858.07	-	64.34	0.00	3793.73
MW-32	08/27/15	3858.07	-	64.32	0.00	3793.75
MW-32	09/03/15	3858.07	-	64.36	0.00	3793.71
MW-32	09/09/15	3858.07	-	64.45	0.00	3793.62
MW-32	09/11/15	3858.07	-	64.46	0.00	3793.61
MW-32	09/15/15	3858.07	-	64.44	0.00	3793.63
MW-32	09/22/15	3858.07	-	64.42	0.00	3793.65
MW-32	09/30/15	3858.07	-	64.45	0.00	3793.62
MW-32	10/06/15	3858.07	-	64.41	0.00	3793.66
MW-32	10/13/15	3858.07	-	64.63	0.00	3793.44

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-32	10/22/15	3858.07	-	64.50	0.00	3793.57
MW-32	10/27/15	3858.07	-	64.49	0.00	3793.58
MW-32	11/11/15	3858.07	-	64.48	0.00	3793.59
MW-32	11/18/15	3858.07	-	64.36	0.00	3793.71
MW-32	12/03/15	3858.07	-	64.55	0.00	3793.52
MW-32	12/10/15	3858.07	-	64.40	0.00	3793.67
MW-32	12/22/15	3858.07	-	64.52	0.00	3793.55
MW-32	01/08/16	3858.07	-	64.60	0.00	3793.47
MW-32	01/14/16	3858.07	-	64.41	0.00	3793.66
MW-32	01/28/16	3858.07	-	64.49	0.00	3793.58
MW-32	02/02/16	3858.07	-	64.56	0.00	3793.51
MW-32	02/09/16	3858.07	-	64.47	0.00	3793.60
MW-32	03/02/16	3858.07	-	64.57	0.00	3793.50
MW-32	03/09/16	3858.07	-	64.57	0.00	3793.50
MW-32	03/17/16	3858.07	-	64.52	0.00	3793.55
MW-32	04/06/16	3858.07	-	64.55	0.00	3793.52
MW-32	04/13/16	3858.07	-	64.61	0.00	3793.46
MW-32	04/20/16	3858.07	-	64.50	0.00	3793.57
MW-32	04/27/16	3858.07	-	64.64	0.00	3793.43
MW-32	04/28/16	3858.07	-	64.64	0.00	3793.43
MW-32	05/05/16	3858.07	-	64.63	0.00	3793.44
MW-32	05/10/16	3858.07	-	64.64	0.00	3793.43
MW-32	06/15/16	3858.07	-	64.64	0.00	3793.43
MW-32	06/21/16	3858.07	-	64.69	0.00	3793.38
MW-32	06/30/16	3858.07	-	64.66	0.00	3793.41
MW-32	07/01/16	3858.07	-	64.66	0.00	3793.41
MW-32	07/15/16	3858.07	-	64.65	0.00	3793.42
MW-32	07/21/16	3858.07	-	64.74	0.00	3793.33
MW-32	07/28/16	3858.07	-	64.63	0.00	3793.44
MW-32	08/02/16	3858.07	-	64.71	0.00	3793.36
MW-32	08/09/16	3858.07	-	64.72	0.00	3793.35
MW-32	08/16/16	3858.07	-	64.62	0.00	3793.45
MW-32	08/25/16	3858.07	-	64.67	0.00	3793.40
MW-32	09/01/16	3858.07	-	64.75	0.00	3793.32
MW-32	09/08/16	3858.07	-	64.77	0.00	3793.30
MW-32	9/14/16 -9/15/2016	3858.07	-	64.69	0.00	3793.38
MW-32	09/22/16	3858.07	-	64.78	0.00	3793.29
MW-32	09/29/16	3858.07	-	64.81	0.00	3793.26
MW-32	10/13/16	3858.07	-	64.82	0.00	3793.25
MW-32	10/20/16	3858.07	-	64.82	0.00	3793.25

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-32	10/27/16	3858.07	-	64.84	0.00	3793.23
MW-32	11/10/16	3858.07	-	64.77	0.00	3793.30
MW-32	11/16/16	3858.07	-	64.80	0.00	3793.27
MW-32	12/09/16	3858.07	-	64.83	0.00	3793.24
MW-32	12/14/16	3858.07	-	64.92	0.00	3793.15
MW-32	01/05/17	3858.07	-	64.91	0.00	3793.16
MW-32	01/12/17	3858.07	-	64.35	0.00	3793.72
MW-32	01/19/17	3858.07	-	64.35	0.00	3793.72
MW-32	01/20/17	3858.07	-	64.85	0.00	3793.22
MW-32	01/25/17	3858.07	-	64.97	0.00	3793.10
MW-32	02/02/17	3858.07	-	65.00	0.00	3793.07
MW-32	02/09/17	3858.07	-	64.91	0.00	3793.16
MW-32	02/22/17	3858.07	-	64.97	0.00	3793.10
MW-32	03/09/17	3858.07	-	64.95	0.00	3793.12
MW-32	03/16/17	3858.07	-	65.03	0.00	3793.04
MW-32	03/30/17	3858.07	-	65.06	0.00	3793.01
MW-32	04/06/17	3858.07	-	64.97	0.00	3793.10
MW-32	04/12/17	3858.07	-	65.02	0.00	3793.05
MW-32	05/03/17	3858.07	-	65.14	0.00	3792.93
MW-32	05/17/17	3858.07	-	65.15	0.00	3792.92
MW-32	05/26/17	3858.07	-	65.13	0.00	3792.94
MW-32	06/08/17	3858.07	-	65.21	0.00	3792.86
MW-32	06/09/17	3858.07	-	65.21	0.00	3792.86
MW-32	06/30/17	3858.07	-	65.27	0.00	3792.80
MW-32	07/06/17	3858.07	-	65.31	0.00	3792.76
MW-32	07/19/17	3858.07	-	65.31	0.00	3792.76
MW-32	07/23/17	3858.07	-	65.36	0.00	3792.71
MW-32	07/26/17	3858.07	-	65.22	0.00	3792.85
MW-32	08/23/17	3858.07	-	65.41	0.00	3792.66
MW-32	09/28/17	3858.07	-	65.46	0.00	3792.61
MW-32	10/10/17	3858.07	-	65.33	0.00	3792.74
MW-32	11/29/17	3858.07	-	65.56	0.00	3792.51
MW-32	01/08/18	3858.07	-	65.64	0.00	3792.43
MW-32	01/18/18	3858.07	-	65.69	0.00	3792.38
MW-32	02/14/18	3858.07	-	65.73	0.00	3792.34
MW-32	04/30/18	3858.07	-	65.86	0.00	3792.21
MW-32	05/03/18	3858.07	-	65.77	0.00	3792.30
MW-32	05/17/18	3858.07	-	65.77	0.00	3792.30
MW-32	07/06/18	3858.07	-	65.86	0.00	3792.21
MW-32	07/05/18	3858.07	-	65.86	0.00	3792.21

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-32	07/26/18	3858.07	-	66.01	0.00	3792.06
MW-32	08/16/18	3858.07	-	66.00	0.00	3792.07
MW-32	11/16/18	3858.07	-	66.12	0.00	3791.95
MW-32	11/29/18	3858.07	-	66.09	0.00	3791.98
MW-32	12/06/18	3858.07	-	66.13	0.00	3791.94
MW-32	12/11/18	3858.07	-	66.25	0.00	3791.82
MW-32	12/27/18	3858.07	-	66.25	0.00	3791.82
MW-32	01/04/19	3858.07	-	66.25	0.00	3791.82
MW-32	01/17/19	3858.07	-	66.20	0.00	3791.87
MW-32	01/24/19	3858.07	-	66.30	0.00	3791.77
MW-32	02/21/19	3858.07	-	66.36	0.00	3791.71
MW-32	04/04/19	3858.07	-	66.43	0.00	3791.64
MW-32	05/30/19	3858.07	-	66.49	0.00	3791.58
MW-32	08/28/19	3858.07	-	66.58	0.00	3791.49
MW-32	10/31/19	3858.07	-	66.84	0.00	3791.23
MW-32	03/18/20	3858.07	-	66.96	0.00	3791.11
MW-32	05/13/20	3858.07	-	67.50	0.00	3790.57
MW-32	06/10/20	3858.07	-	67.06	0.00	3791.01
MW-32	07/16/20	3858.07	-	67.08	0.00	3790.99
MW-32	08/26/20	3858.07	-	67.14	0.00	3790.93
MW-32	12/18/20	3858.07	-	67.29	0.00	3790.78
MW-32	01/28/21	3858.07	-	67.35	0.00	3790.72
MW-32	03/24/21	3858.07	-	67.47	0.00	3790.60
MW-32	06/23/21	3858.07	-	67.62	0.00	3790.45
MW-32	07/22/21	3858.07	-	67.69	0.00	3790.38
MW-32	08/05/21	3858.07	-	67.72	0.00	3790.35
MW-32	08/20/21	3858.07	-	67.76	0.00	3790.31
MW-32	09/10/21	3858.07	-	67.77	0.00	3790.30
MW-32	10/26/21	3858.07	-	67.83	0.00	3790.24
MW-32	12/14/21	3858.07	-	67.94	0.00	3790.13
MW-33	11/03/04	3858.36	-	62.20	0.00	3796.16
MW-33	11/10/04	3858.36	-	62.18	0.00	3796.18
MW-33	03/17/05	3858.36	-	61.74	0.00	3796.62
MW-33	06/15/05	3858.36	-	61.80	0.00	3796.56
MW-33	09/14/05	3858.36	-	61.95	0.00	3796.41
MW-33	12/13/05	3858.36	-	62.16	0.00	3796.20
MW-33	03/15/06	3858.36	-	62.32	0.00	3796.04
MW-33	06/14/06	3858.36	-	62.46	0.00	3795.90
MW-33	09/13/06	3858.36	-	62.54	0.00	3795.82

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-33	12/05/06	3858.36	-	62.58	0.00	3795.78
MW-33	03/01/07	3858.36	-	62.64	0.00	3795.72
MW-33	05/24/07	3858.36	-	62.73	0.00	3795.63
MW-33	08/23/07	3858.36	-	62.78	0.00	3795.58
MW-33	11/08/07	3858.36	-	62.86	0.00	3795.50
MW-33	03/04/08	3858.36	-	62.97	0.00	3795.39
MW-33	06/11/08	3858.36	-	63.02	0.00	3795.34
MW-33	09/09/08	3858.36	-	63.10	0.00	3795.26
MW-33	12/11/08	3858.36	-	63.18	0.00	3795.18
MW-33	02/26/09	3858.36	-	63.23	0.00	3795.13
MW-33	05/21/09	3858.36	-	59.21	0.00	3799.15
MW-33	08/18/09	3858.36	-	63.33	0.00	3795.03
MW-33	12/09/09	3858.36	-	63.36	0.00	3795.00
MW-33	01/06/10	3858.36	-	63.34	0.00	3795.02
MW-33	02/22/10	3858.36	-	63.40	0.00	3794.96
MW-33	06/04/10	3858.36	-	63.45	0.00	3794.91
MW-33	08/26/10	3858.36	-	63.47	0.00	3794.89
MW-33	11/30/10	3858.36	-	63.35	0.00	3795.01
MW-33	03/08/11	3858.36	-	63.33	0.00	3795.03
MW-33	05/25/11	3858.36	-	63.32	0.00	3795.04
MW-33	08/18/11	3858.36	-	63.69	0.00	3794.67
MW-33	11/15/11	3858.36	-	63.68	0.00	3794.68
MW-33	02/29/12	3858.36	-	63.92	0.00	3794.44
MW-33	05/01/12	3858.36	-	63.98	0.00	3794.38
MW-33	08/10/12	3858.36	-	64.33	0.00	3794.03
MW-33	11/27/12	3858.36	-	64.23	0.00	3794.13
MW-33	02/21/13	3858.36	-	64.32	0.00	3794.04
MW-33	05/15/13	3858.36	-	64.35	0.00	3794.01
MW-33	08/21/13	3858.36	-	64.42	0.00	3793.94
MW-33	11/11/13	3858.36	-	64.47	0.00	3793.89
MW-33	02/19/14	3858.36	-	64.56	0.00	3793.80
MW-33	05/20/14	3858.36	-	64.63	0.00	3793.73
MW-33	07/29/14	3858.36	-	64.66	0.00	3793.70
MW-33	08/19/14	3858.36	-	64.67	0.00	3793.69
MW-33	10/30/14	3858.36	-	64.76	0.00	3793.60
MW-33	11/24/14	3858.36	-	64.75	0.00	3793.61
MW-33	02/10/15	3858.36	-	64.78	0.00	3793.58
MW-33	03/11/15	3858.36	-	64.81	0.00	3793.55
MW-33	04/17/15	3858.36	-	62.43	0.00	3795.93
MW-33	05/19/15	3858.36	-	64.84	0.00	3793.52

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-33	07/31/15	3858.36	-	64.92	0.00	3793.44
MW-33	08/12/15	3858.36	-	64.91	0.00	3793.45
MW-33	09/11/15	3858.36	-	64.97	0.00	3793.39
MW-33	11/10/15	3858.36	-	64.99	0.00	3793.37
MW-33	02/02/16	3858.36	-	65.07	0.00	3793.29
MW-33	04/28/16	3858.36	-	65.13	0.00	3793.23
MW-33	05/10/16	3858.36	-	65.16	0.00	3793.20
MW-33	07/01/16	3858.36	-	65.18	0.00	3793.18
MW-33	07/29/16	3858.36	-	65.22	0.00	3793.14
MW-33	08/08/16	3858.36	-	65.22	0.00	3793.14
MW-33	09/15/16	3858.36	-	65.25	0.00	3793.11
MW-33	11/15/16	3858.36	-	65.34	0.00	3793.02
MW-33	12/14/16	3858.36	-	65.40	0.00	3792.96
MW-33	01/20/17	3858.36	-	65.44	0.00	3792.92
MW-33	02/22/17	3858.36	-	65.50	0.00	3792.86
MW-33	05/16/17	3858.36	-	65.65	0.00	3792.71
MW-33	07/26/17	3858.36	-	62.52	0.00	3795.84
MW-33	08/22/17	3858.36	-	65.85	0.00	3792.51
MW-33	10/10/17	3858.36	-	65.96	0.00	3792.40
MW-33	11/28/17	3858.36	-	66.06	0.00	3792.30
MW-33	01/08/18	3858.36	-	65.11	0.00	3793.25
MW-33	02/13/18	3858.36	-	66.17	0.00	3792.19
MW-33	04/30/18	3858.36	-	66.29	0.00	3792.07
MW-33	05/16/18	3858.36	-	66.31	0.00	3792.05
MW-33	07/05/18	3858.36	-	66.34	0.00	3792.02
MW-33	07/26/18	3858.36	-	66.43	0.00	3791.93
MW-33	08/15/18	3858.36	-	66.43	0.00	3791.93
MW-33	11/28/18	3858.36	-	66.58	0.00	3791.78
MW-33	12/27/18	3858.36	-	66.49	0.00	3791.87
MW-33	01/17/19	3858.36	-	66.69	0.00	3791.67
MW-33	02/21/19	3858.36	-	66.71	0.00	3791.65
MW-33	04/04/19	3858.36	-	66.81	0.00	3791.55
MW-33	05/29/19	3858.36	-	66.86	0.00	3791.50
MW-33	08/27/19	3858.36	-	67.04	0.00	3791.32
MW-33	10/30/19	3858.36	-	67.21	0.00	3791.15
MW-33	03/17/20	3858.36	-	67.49	0.00	3790.87
MW-33	05/13/20	3858.36	-	67.56	0.00	3790.80
MW-33	06/09/20	3858.36	-	67.61	0.00	3790.75
MW-33	07/16/20	3858.36	-	67.63	0.00	3790.73
MW-33	08/25/20	3858.36	-	67.69	0.00	3790.67

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-33	12/16/20	3858.36	-	67.83	0.00	3790.53
MW-33	01/28/21	3858.36	-	67.90	0.00	3790.46
MW-33	03/22/21	3858.36	-	68.00	0.00	3790.36
MW-33	06/22/21	3858.36	-	68.18	0.00	3790.18
MW-33	07/22/21	3858.36	-	68.23	0.00	3790.13
MW-33	09/09/21	3858.36	-	68.31	0.00	3790.05
MW-33	10/26/21	3858.36	-	68.36	0.00	3790.00
MW-33	12/14/21	3858.36	-	68.45	0.00	3789.91
MW-34	03/15/06	3857.91	-	62.28	0.00	3795.63
MW-34	06/14/06	3857.91	-	62.40	0.00	3795.51
MW-34	09/13/06	3857.91	-	62.49	0.00	3795.42
MW-34	12/06/06	3857.91	-	62.55	0.00	3795.36
MW-34	03/01/07	3857.91	-	62.64	0.00	3795.27
MW-34	05/24/07	3857.91	-	62.66	0.00	3795.25
MW-34	08/23/07	3857.91	-	62.72	0.00	3795.19
MW-34	11/08/07	3857.91	-	62.80	0.00	3795.11
MW-34	03/04/08	3857.91	-	62.91	0.00	3795.00
MW-34	06/11/08	3857.91	-	62.96	0.00	3794.95
MW-34	09/09/08	3857.91	-	63.05	0.00	3794.86
MW-34	12/11/08	3857.91	-	63.14	0.00	3794.77
MW-34	02/27/09	3857.91	-	63.18	0.00	3794.73
MW-34	05/22/09	3857.91	-	63.23	0.00	3794.68
MW-34	08/18/09	3857.91	-	63.28	0.00	3794.63
MW-34	12/10/09	3857.91	-	63.30	0.00	3794.61
MW-34	01/06/10	3857.91	-	63.32	0.00	3794.59
MW-34	02/22/10	3857.91	-	63.34	0.00	3794.57
MW-34	05/06/10	3857.91	-	63.46	0.00	3794.45
MW-34	05/13/10	3857.91	-	63.47	0.00	3794.44
MW-34	05/19/10	3857.91	-	63.46	0.00	3794.45
MW-34	06/04/10	3857.91	-	63.38	0.00	3794.53
MW-34	08/26/10	3857.91	-	63.39	0.00	3794.52
MW-34	11/30/10	3857.91	-	63.33	0.00	3794.58
MW-34	03/08/11	3857.91	-	63.34	0.00	3794.57
MW-34	05/25/11	3857.91	-	63.33	0.00	3794.58
MW-34	08/18/11	3857.91	-	63.71	0.00	3794.20
MW-34	11/15/11	3857.91	-	63.63	0.00	3794.28
MW-34	02/29/12	3857.91	-	63.83	0.00	3794.08
MW-34	05/01/12	3857.91	-	63.93	0.00	3793.98
MW-34	08/10/12	3857.91	-	64.28	0.00	3793.63

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-34	11/28/12	3857.91	-	64.19	0.00	3793.72
MW-34	02/21/13	3857.91	-	64.25	0.00	3793.66
MW-34	05/15/13	3857.91	-	64.31	0.00	3793.60
MW-34	08/21/13	3857.91	-	64.35	0.00	3793.56
MW-34	11/11/13	3857.91	-	64.40	0.00	3793.51
MW-34	02/19/14	3857.91	-	64.49	0.00	3793.42
MW-34	05/20/14	3857.91	-	64.57	0.00	3793.34
MW-34	07/29/14	3857.91	-	64.63	0.00	3793.28
MW-34	08/19/14	3857.91	-	64.62	0.00	3793.29
MW-34	10/30/14	3857.91	-	64.68	0.00	3793.23
MW-34	11/24/14	3857.91	-	64.66	0.00	3793.25
MW-34	02/10/15	3857.91	-	64.69	0.00	3793.22
MW-34	03/11/15	3857.91	-	64.72	0.00	3793.19
MW-34	04/17/15	3857.91	-	60.82	0.00	3797.09
MW-34	05/19/15	3857.91	-	64.76	0.00	3793.15
MW-34	07/31/15	3857.91	-	64.84	0.00	3793.07
MW-34	08/12/15	3857.91	-	64.83	0.00	3793.08
MW-34	09/11/15	3857.91	-	64.86	0.00	3793.05
MW-34	11/10/15	3857.91	-	64.89	0.00	3793.02
MW-34	02/02/16	3857.91	-	64.98	0.00	3792.93
MW-34	04/28/16	3857.91	-	65.03	0.00	3792.88
MW-34	05/10/16	3857.91	-	65.05	0.00	3792.86
MW-34	07/01/16	3857.91	-	65.09	0.00	3792.82
MW-34	07/29/16	3857.91	-	65.14	0.00	3792.77
MW-34	08/08/16	3857.91	-	65.12	0.00	3792.79
MW-34	09/15/16	3857.91	-	65.16	0.00	3792.75
MW-34	11/15/16	3857.91	-	65.25	0.00	3792.66
MW-34	12/14/16	3857.91	-	65.31	0.00	3792.60
MW-34	01/20/17	3857.91	-	65.33	0.00	3792.58
MW-34	02/22/17	3857.91	-	65.40	0.00	3792.51
MW-34	05/17/17	3857.91	-	65.56	0.00	3792.35
MW-34	06/09/17	3857.91	-	65.64	0.00	3792.27
MW-34	07/26/17	3857.91	-	65.81	0.00	3792.10
MW-34	08/22/17	3857.91	-	65.77	0.00	3792.14
MW-34	10/10/17	3857.91	-	65.91	0.00	3792.00
MW-34	11/28/17	3857.91	-	66.00	0.00	3791.91
MW-34	01/08/18	3857.91	-	66.04	0.00	3791.87
MW-34	02/13/18	3857.91	-	66.11	0.00	3791.80
MW-34	04/30/18	3857.91	-	66.24	0.00	3791.67
MW-34	05/16/18	3857.91	-	66.25	0.00	3791.66

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-34	07/05/18	3857.91	-	66.35	0.00	3791.56
MW-34	07/26/18	3857.91	-	66.35	0.00	3791.56
MW-34	08/15/18	3857.91	-	66.40	0.00	3791.51
MW-34	11/28/18	3857.91	-	66.55	0.00	3791.36
MW-34	12/27/18	3857.91	-	66.60	0.00	3791.31
MW-34	01/17/19	3857.91	-	66.65	0.00	3791.26
MW-34	02/21/19	3857.91	-	66.72	0.00	3791.19
MW-34	04/04/19	3857.91	-	66.77	0.00	3791.14
MW-34	05/29/19	3857.91	-	66.84	0.00	3791.07
MW-34	08/27/19	3857.91	-	67.01	0.00	3790.90
MW-34	10/30/19	3857.91	-	67.15	0.00	3790.76
MW-34	03/17/20	3857.91	-	67.44	0.00	3790.47
MW-34	05/13/20	3857.91	-	67.50	0.00	3790.41
MW-34	06/09/20	3857.91	-	67.55	0.00	3790.36
MW-34	07/16/20	3857.91	-	67.58	0.00	3790.33
MW-34	08/25/20	3857.91	-	67.63	0.00	3790.28
MW-34	12/16/20	3857.91	-	67.77	0.00	3790.14
MW-34	01/28/21	3857.91	-	67.85	0.00	3790.06
MW-34	03/22/21	3857.91	-	67.75	0.00	3790.16
MW-34	06/22/21	3857.91	-	68.12	0.00	3789.79
MW-34	07/22/21	3857.91	-	68.16	0.00	3789.75
MW-34	09/09/21	3857.91	-	68.25	0.00	3789.66
MW-34	10/26/21	3857.91	-	68.32	0.00	3789.59
MW-34	12/14/21	3857.91	-	68.40	0.00	3789.51
MW-35	03/15/06	3857.16	-	61.80	0.00	3795.36
MW-35	06/14/06	3857.16	-	61.89	0.00	3795.27
MW-35	09/13/06	3857.16	-	61.97	0.00	3795.19
MW-35	12/06/06	3857.16	-	62.04	0.00	3795.12
MW-35	03/01/07	3857.16	-	62.09	0.00	3795.07
MW-35	05/24/07	3857.16	-	62.13	0.00	3795.03
MW-35	08/23/07	3857.16	-	62.22	0.00	3794.94
MW-35	11/08/07	3857.16	-	62.28	0.00	3794.88
MW-35	03/04/08	3857.16	-	62.39	0.00	3794.77
MW-35	06/11/08	3857.16	-	62.44	0.00	3794.72
MW-35	09/09/08	3857.16	-	62.53	0.00	3794.63
MW-35	12/11/08	3857.16	-	62.51	0.00	3794.65
MW-35	02/26/09	3857.16	-	62.65	0.00	3794.51
MW-35	05/22/09	3857.16	-	62.72	0.00	3794.44
MW-35	08/18/09	3857.16	-	62.78	0.00	3794.38

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-35	12/10/09	3857.16	-	62.82	0.00	3794.34
MW-35	01/06/10	3857.16	-	62.81	0.00	3794.35
MW-35	02/22/10	3857.16	-	62.85	0.00	3794.31
MW-35	05/06/10	3857.16		62.81	0.00	3794.35
MW-35	05/13/10	3857.16	-	62.83	0.00	3794.33
MW-35	05/19/10	3857.16	-	62.85	0.00	3794.31
MW-35	06/04/10	3857.16	-	62.92	0.00	3794.24
MW-35	08/26/10	3857.16	-	62.94	0.00	3794.22
MW-35	11/30/10	3857.16	-	62.84	0.00	3794.32
MW-35	03/08/11	3857.16	-	62.83	0.00	3794.33
MW-35	05/25/11	3857.16	-	62.83	0.00	3794.33
MW-35	08/19/11	3857.16	-	63.21	0.00	3793.95
MW-35	11/15/11	3857.16	-	63.79	0.00	3793.37
MW-35	02/29/12	3857.16	-	63.36	0.00	3793.80
MW-35	05/01/12	3857.16	-	63.47	0.00	3793.69
MW-35	08/10/12	3857.16	-	63.82	0.00	3793.34
MW-35	11/28/12	3857.16	-	63.71	0.00	3793.45
MW-35	02/21/13	3857.16	-	63.79	0.00	3793.37
MW-35	05/15/13	3857.16	-	64.87	0.00	3792.29
MW-35	08/21/13	3857.16	-	63.89	0.00	3793.27
MW-35	11/11/13	3857.16	-	63.95	0.00	3793.21
MW-35	02/20/14	3857.16	-	64.05	0.00	3793.11
MW-35	05/20/14	3857.16	-	64.15	0.00	3793.01
MW-35	07/29/14	3857.16	-	64.18	0.00	3792.98
MW-35	08/19/14	3857.16	-	64.18	0.00	3792.98
MW-35	10/30/14	3857.16	-	64.22	0.00	3792.94
MW-35	11/24/14	3857.16	-	64.20	0.00	3792.96
MW-35	02/11/15	3857.16	-	64.23	0.00	3792.93
MW-35	03/11/15	3857.16	-	64.24	0.00	3792.92
MW-35	04/17/15	3857.16	-	62.18	0.00	3794.98
MW-35	05/19/15	3857.16	-	64.29	0.00	3792.87
MW-35	07/31/15	3857.16	-	64.35	0.00	3792.81
MW-35	08/12/15	3857.16	-	64.36	0.00	3792.80
MW-35	09/11/15	3857.16	-	64.38	0.00	3792.78
MW-35	11/11/15	3857.16	-	64.44	0.00	3792.72
MW-35	02/02/16	3857.16	-	64.49	0.00	3792.67
MW-35	04/28/16	3857.16	-	64.55	0.00	3792.61
MW-35	05/10/16	3857.16	-	64.57	0.00	3792.59
MW-35	07/01/16	3857.16	-	64.63	0.00	3792.53
MW-35	07/29/16	3857.16	-	64.65	0.00	3792.51

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-35	08/09/16	3857.16	-	64.65	0.00	3792.51
MW-35	09/15/16	3857.16	-	64.68	0.00	3792.48
MW-35	11/16/16	3857.16	-	64.77	0.00	3792.39
MW-35	12/14/16	3857.16	-	64.82	0.00	3792.34
MW-35	01/20/17	3857.16	-	64.85	0.00	3792.31
MW-35	02/22/17	3857.16	-	64.92	0.00	3792.24
MW-35	05/17/17	3857.16	-	65.10	0.00	3792.06
MW-35	06/09/17	3857.16	-	65.18	0.00	3791.98
MW-35	07/26/17	3857.16	-	65.19	0.00	3791.97
MW-35	08/22/17	3857.16	-	65.33	0.00	3791.83
MW-35	10/10/17	3857.16	-	65.47	0.00	3791.69
MW-35	11/29/17	3857.16	-	65.56	0.00	3791.60
MW-35	01/08/18	3857.16	-	65.66	0.00	3791.50
MW-35	02/14/18	3857.16	-	65.72	0.00	3791.44
MW-35	04/30/18	3857.16	-	65.84	0.00	3791.32
MW-35	05/17/18	3857.16	-	65.84	0.00	3791.32
MW-35	07/05/18	3857.16	-	65.79	0.00	3791.37
MW-35	08/16/18	3857.16	-	66.00	0.00	3791.16
MW-35	11/28/18	3857.16	-	66.17	0.00	3790.99
MW-35	01/17/19	3857.16	-	66.27	0.00	3790.89
MW-35	02/21/19	3857.16	-	66.32	0.00	3790.84
MW-35	04/04/19	3857.16	-	66.40	0.00	3790.76
MW-35	05/30/19	3857.16	-	66.47	0.00	3790.69
MW-35	08/28/19	3857.16	-	66.64	0.00	3790.52
MW-35	10/30/19	3857.16	-	66.80	0.00	3790.36
MW-35	03/18/20	3857.16	-	67.06	0.00	3790.10
MW-35	05/13/20	3857.16	-	67.11	0.00	3790.05
MW-35	06/09/20	3857.16	-	67.14	0.00	3790.02
MW-35	07/16/20	3857.16	-	67.18	0.00	3789.98
MW-35	08/26/20	3857.16	-	67.22	0.00	3789.94
MW-35	12/16/20	3857.16	-	67.37	0.00	3789.79
MW-35	01/28/21	3857.16	-	67.45	0.00	3789.71
MW-35	03/22/21	3857.16	-	67.55	0.00	3789.61
MW-35	06/23/21	3857.16	-	67.73	0.00	3789.43
MW-35	07/22/21	3857.16	-	67.78	0.00	3789.38
MW-35	09/09/21	3857.16	-	67.86	0.00	3789.30
MW-35	10/26/21	3857.16	-	67.92	0.00	3789.24
MW-35	12/14/21	3857.16	-	68.04	0.00	3789.12
MW-36	12/06/06	3858.80	-	62.70	0.00	3796.10

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-36	03/01/07	3858.80	-	62.76	0.00	3796.04
MW-36	05/24/07	3858.80	-	62.81	0.00	3795.99
MW-36	08/23/07	3858.80	-	62.88	0.00	3795.92
MW-36	11/08/07	3858.80	-	62.94	0.00	3795.86
MW-36	03/04/08	3858.80	-	63.04	0.00	3795.76
MW-36	06/11/08	3858.80	-	63.82	0.00	3794.98
MW-36	09/09/08	3858.80	-	63.22	0.00	3795.58
MW-36	12/11/08	3858.80	-	63.24	0.00	3795.56
MW-36	02/27/09	3858.80	-	63.32	0.00	3795.48
MW-36	05/22/09	3858.80	-	63.37	0.00	3795.43
MW-36	08/18/09	3858.80	-	63.42	0.00	3795.38
MW-36	12/10/09	3858.80	-	63.45	0.00	3795.35
MW-36	01/06/10	3858.80	-	63.46	0.00	3795.34
MW-36	02/22/10	3858.80	-	63.48	0.00	3795.32
MW-36	05/06/10	3858.80	-	63.46	0.00	3795.34
MW-36	05/13/10	3858.80	-	63.45	0.00	3795.35
MW-36	05/19/10	3858.80	-	63.42	0.00	3795.38
MW-36	06/04/10	3858.80	-	63.53	0.00	3795.27
MW-36	08/26/10	3858.80	-	63.52	0.00	3795.28
MW-36	11/30/10	3858.80	-	63.47	0.00	3795.33
MW-36	03/08/11	3858.80	-	63.47	0.00	3795.33
MW-36	05/25/11	3858.80	-	63.43	0.00	3795.37
MW-36	08/19/11	3858.80	-	63.80	0.00	3795.00
MW-36	11/15/11	3858.80	-	63.15	0.00	3795.65
MW-36	02/29/12	3858.80	-	63.99	0.00	3794.81
MW-36	05/01/12	3858.80	-	64.08	0.00	3794.72
MW-36	08/10/12	3858.80	-	64.43	0.00	3794.37
MW-36	11/28/12	3858.80	-	64.36	0.00	3794.44
MW-36	02/21/13	3858.80	-	64.41	0.00	3794.39
MW-36	05/15/13	3858.80	-	64.47	0.00	3794.33
MW-36	08/21/13	3858.80	-	64.52	0.00	3794.28
MW-36	11/11/13	3858.80	-	64.57	0.00	3794.23
MW-36	02/19/14	3858.80	-	64.65	0.00	3794.15
MW-36	05/20/14	3858.80	-	64.74	0.00	3794.06
MW-36	07/29/14	3858.80	-	64.78	0.00	3794.02
MW-36	08/19/14	3858.80	-	64.77	0.00	3794.03
MW-36	10/30/14	3858.80	-	64.82	0.00	3793.98
MW-36	11/24/14	3858.80	-	64.80	0.00	3794.00
MW-36	02/10/15	3858.80	-	64.82	0.00	3793.98
MW-36	03/11/15	3858.80	-	64.86	0.00	3793.94

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-36	04/17/15	3858.80	-	62.18	0.00	3796.62
MW-36	05/19/15	3858.80	-	64.88	0.00	3793.92
MW-36	07/31/15	3858.80	-	58.96	0.00	3799.84
MW-36	08/12/15	3858.80	-	64.96	0.00	3793.84
MW-36	09/11/15	3858.80	-	65.01	0.00	3793.79
MW-36	11/10/15	3858.80	-	65.02	0.00	3793.78
MW-36	02/02/16	3858.80	-	65.12	0.00	3793.68
MW-36	04/28/16	3858.80	-	65.16	0.00	3793.64
MW-36	05/10/16	3858.80	-	65.16	0.00	3793.64
MW-36	07/01/16	3858.80	-	65.22	0.00	3793.58
MW-36	07/29/16	3858.80	-	65.26	0.00	3793.54
MW-36	08/08/16	3858.80	-	65.24	0.00	3793.56
MW-36	09/15/16	3858.80	-	65.29	0.00	3793.51
MW-36	11/15/16	3858.80	-	65.38	0.00	3793.42
MW-36	12/14/16	3858.80	-	65.42	0.00	3793.38
MW-36	01/20/17	3858.80	-	65.46	0.00	3793.34
MW-36	02/22/17	3858.80	-	65.55	0.00	3793.25
MW-36	05/17/17	3858.80	-	65.70	0.00	3793.10
MW-36	06/09/17	3858.80	-	65.80	0.00	3793.00
MW-36	07/26/17	3858.80	-	64.75	0.00	3794.05
MW-36	08/23/17	3858.80	-	65.93	0.00	3792.87
MW-36	10/10/17	3858.80	-	66.07	0.00	3792.73
MW-36	11/28/17	3858.80	-	66.13	0.00	3792.67
MW-36	01/08/18	3858.80	-	66.21	0.00	3792.59
MW-36	02/13/18	3858.80	-	66.29	0.00	3792.51
MW-36	04/30/18	3858.80	-	66.41	0.00	3792.39
MW-36	05/17/18	3858.80	-	66.42	0.00	3792.38
MW-36	07/05/18	3858.80	-	66.51	0.00	3792.29
MW-36	07/26/18	3858.80	-	66.53	0.00	3792.27
MW-36	08/16/18	3858.80	-	66.58	0.00	3792.22
MW-36	11/28/18	3858.80	-	66.74	0.00	3792.06
MW-36	12/27/18	3858.80	-	66.78	0.00	3792.02
MW-36	01/17/19	3858.80	-	66.83	0.00	3791.97
MW-36	02/21/19	3858.80	-	66.88	0.00	3791.92
MW-36	04/04/19	3858.80	-	66.95	0.00	3791.85
MW-36	05/30/19	3858.80	-	67.04	0.00	3791.76
MW-36	08/27/19	3858.80	-	67.20	0.00	3791.60
MW-36	10/30/19	3858.80	-	67.33	0.00	3791.47
MW-36	03/17/20	3858.80	-	67.63	0.00	3791.17
MW-36	05/13/20	3858.80	-	67.70	0.00	3791.10

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-36	06/09/20	3858.80	-	67.73	0.00	3791.07
MW-36	07/16/20	3858.80	-	67.77	0.00	3791.03
MW-36	08/25/20	3858.80	-	67.80	0.00	3791.00
MW-36	12/16/20	3858.80	-	67.94	0.00	3790.86
MW-36	01/28/21	3858.80	-	68.02	0.00	3790.78
MW-36	03/22/21	3858.80	-	68.12	0.00	3790.68
MW-36	06/22/21	3858.80	-	68.30	0.00	3790.50
MW-36	07/22/21	3858.80	-	68.34	0.00	3790.46
MW-36	09/09/21	3858.80	-	68.44	0.00	3790.36
MW-36	10/26/21	3858.80	-	68.50	0.00	3790.30
MW-36	10/14/21	3858.80	-	68.58	0.00	3790.22
MW-36	12/14/21	3858.80	-	68.58	0.00	3790.22
MW-37	12/06/06	3857.69	-	61.51	0.00	3796.18
MW-37	03/01/07	3857.69	-	61.60	0.00	3796.09
MW-37	05/24/07	3857.69	-	61.54	0.00	3796.15
MW-37	08/23/07	3857.69	-	61.76	0.00	3795.93
MW-37	11/08/07	3857.69	-	61.83	0.00	3795.86
MW-37	03/04/08	3857.69	-	61.93	0.00	3795.76
MW-37	06/11/08	3857.69	-	61.98	0.00	3795.71
MW-37	09/09/08	3857.69	-	62.07	0.00	3795.62
MW-37	12/11/08	3857.69	-	62.13	0.00	3795.56
MW-37	02/26/09	3857.69	-	62.20	0.00	3795.49
MW-37	05/21/09	3857.69	-	62.18	0.00	3795.51
MW-37	08/18/09	3857.69	-	62.33	0.00	3795.36
MW-37	12/09/09	3857.69	-	62.38	0.00	3795.31
MW-37	01/06/10	3857.69	-	62.40	0.00	3795.29
MW-37	02/22/10	3857.69	-	62.41	0.00	3795.28
MW-37	06/04/10	3857.69	-	62.44	0.00	3795.25
MW-37	08/26/10	3857.69	-	62.43	0.00	3795.26
MW-37	11/30/10	3857.69	-	62.40	0.00	3795.29
MW-37	03/08/11	3857.69	-	62.40	0.00	3795.29
MW-37	05/25/11	3857.69	-	62.41	0.00	3795.28
MW-37	08/18/11	3857.69	-	62.78	0.00	3794.91
MW-37	11/15/11	3857.69	-	62.72	0.00	3794.97
MW-37	02/29/12	3857.69	-	62.94	0.00	3794.75
MW-37	05/01/12	3857.69	-	63.03	0.00	3794.66
MW-37	08/10/12	3857.69	-	63.38	0.00	3794.31
MW-37	11/29/12	3857.69	-	63.31	0.00	3794.38
MW-37	02/21/13	3857.69	-	63.38	0.00	3794.31

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-37	05/15/13	3857.69	-	63.42	0.00	3794.27
MW-37	08/21/13	3857.69	-	63.48	0.00	3794.21
MW-37	11/11/13	3857.69	-	63.55	0.00	3794.14
MW-37	02/19/14	3857.69	-	63.63	0.00	3794.06
MW-37	05/20/14	3857.69	-	63.73	0.00	3793.96
MW-37	07/29/14	3857.69	-	63.75	0.00	3793.94
MW-37	08/19/14	3857.69	-	63.71	0.00	3793.98
MW-37	10/30/14	3857.69	-	63.80	0.00	3793.89
MW-37	11/24/14	3857.69	-	63.78	0.00	3793.91
MW-37	02/10/15	3857.69	-	63.80	0.00	3793.89
MW-37	03/11/15	3857.69	-	63.81	0.00	3793.88
MW-37	04/17/15	3857.69	-	62.31	0.00	3795.38
MW-37	05/19/15	3857.69	-	63.86	0.00	3793.83
MW-37	07/31/15	3857.69	-	63.90	0.00	3793.79
MW-37	08/12/15	3857.69	-	63.93	0.00	3793.76
MW-37	09/11/15	3857.69	-	63.95	0.00	3793.74
MW-37	11/10/15	3857.69	-	64.00	0.00	3793.69
MW-37	02/02/16	3857.69	-	64.07	0.00	3793.62
MW-37	04/28/16	3857.69	-	64.14	0.00	3793.55
MW-37	05/10/16	3857.69	-	64.95	0.00	3792.74
MW-37	07/01/16	3857.69	-	64.19	0.00	3793.50
MW-37	07/29/16	3857.69	-	64.22	0.00	3793.47
MW-37	08/09/16	3857.69	-	64.20	0.00	3793.49
MW-37	09/15/16	3857.69	-	64.25	0.00	3793.44
MW-37	11/15/16	3857.69	-	64.34	0.00	3793.35
MW-37	12/14/16	3857.69	-	64.37	0.00	3793.32
MW-37	01/20/17	3857.69	-	64.41	0.00	3793.28
MW-37	02/22/17	3857.69	-	64.47	0.00	3793.22
MW-37	05/17/17	3857.69	-	64.69	0.00	3793.00
MW-37	06/09/17	3857.69	-	64.78	0.00	3792.91
MW-37	07/26/17	3857.69	-	64.75	0.00	3792.94
MW-37	08/23/17	3857.69	-	64.96	0.00	3792.73
MW-37	10/10/17	3857.69	-	65.12	0.00	3792.57
MW-37	11/29/17	3857.69	-	65.18	0.00	3792.51
MW-37	01/08/18	3857.69	-	65.26	0.00	3792.43
MW-37	02/13/18	3857.69	-	65.35	0.00	3792.34
MW-37	04/30/18	3857.69	-	65.46	0.00	3792.23
MW-37	05/17/18	3857.69	-	65.48	0.00	3792.21
MW-37	07/05/18	3857.69	-	65.57	0.00	3792.12
MW-37	07/26/18	3857.69	-	65.62	0.00	3792.07

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-37	08/16/18	3857.69	-	65.65	0.00	3792.04
MW-37	11/28/18	3857.69	-	65.83	0.00	3791.86
MW-37	12/27/18	3857.69	-	65.90	0.00	3791.79
MW-37	01/17/19	3857.69	-	65.93	0.00	3791.76
MW-37	02/21/19	3857.69	-	65.99	0.00	3791.70
MW-37	04/04/19	3857.69	-	66.07	0.00	3791.62
MW-37	05/30/19	3857.69	-	66.16	0.00	3791.53
MW-37	08/27/19	3857.69	-	66.33	0.00	3791.36
MW-37	10/30/19	3857.69	-	66.48	0.00	3791.21
MW-37	03/18/20	3857.69	-	66.69	0.00	3791.00
MW-37	05/13/20	3857.69	-	66.78	0.00	3790.91
MW-37	06/09/20	3857.69	-	66.78	0.00	3790.91
MW-37	07/16/20	3857.69	-	66.82	0.00	3790.87
MW-37	08/25/20	3857.69	-	66.85	0.00	3790.84
MW-37	12/16/20	3857.69	-	67.01	0.00	3790.68
MW-37	01/28/21	3857.69	-	67.09	0.00	3790.60
MW-37	03/22/21	3857.69	-	67.20	0.00	3790.49
MW-37	06/22/21	3857.69	-	67.39	0.00	3790.30
MW-37	07/22/21	3857.69	-	67.45	0.00	3790.24
MW-37	09/09/21	3857.69	-	67.52	0.00	3790.17
MW-37	10/26/21	3857.69	-	67.59	0.00	3790.10
MW-37	12/14/21	3857.69	-	67.70	0.00	3789.99
MW-38	12/06/06	3855.95	-	60.42	0.00	3795.53
MW-38	03/01/07	3855.95	-	60.47	0.00	3795.48
MW-38	05/24/07	3855.95	-	60.54	0.00	3795.41
MW-38	08/23/07	3855.95	-	60.61	0.00	3795.34
MW-38	11/08/07	3855.95	-	60.66	0.00	3795.29
MW-38	03/04/08	3855.95	-	60.77	0.00	3795.18
MW-38	06/11/08	3855.95	-	60.82	0.00	3795.13
MW-38	09/09/08	3855.95	-	60.93	0.00	3795.02
MW-38	12/11/08	3855.95	-	60.99	0.00	3794.96
MW-38	02/26/09	3855.95	-	61.02	0.00	3794.93
MW-38	05/21/09	3855.95	-	63.28	0.00	3792.67
MW-38	08/18/09	3855.95	-	61.15	0.00	3794.80
MW-38	12/09/09	3855.95	-	61.18	0.00	3794.77
MW-38	01/06/10	3855.95	-	61.17	0.00	3794.78
MW-38	02/22/10	3855.95	-	61.22	0.00	3794.73
MW-38	06/04/10	3855.95	-	61.26	0.00	3794.69
MW-38	08/26/10	3855.95	-	61.27	0.00	3794.68

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-38	11/30/10	3855.95	-	61.19	0.00	3794.76
MW-38	03/08/11	3855.95	-	61.17	0.00	3794.78
MW-38	05/25/11	3855.95	-	61.19	0.00	3794.76
MW-38	08/18/11	3855.95	-	61.56	0.00	3794.39
MW-38	11/15/11	3855.95	-	61.52	0.00	3794.43
MW-38	02/29/12	3855.95	-	61.75	0.00	3794.20
MW-38	05/01/12	3855.95	-	61.83	0.00	3794.12
MW-38	08/10/12	3855.95	-	62.18	0.00	3793.77
MW-38	11/28/12	3855.95	-	62.12	0.00	3793.83
MW-38	02/21/13	3855.95	-	67.17	0.00	3788.78
MW-38	05/15/13	3855.95	-	62.25	0.00	3793.70
MW-38	08/21/13	3855.95	-	62.29	0.00	3793.66
MW-38	11/11/13	3855.95	-	62.34	0.00	3793.61
MW-38	02/19/14	3855.95	-	62.41	0.00	3793.54
MW-38	05/20/14	3855.95	-	62.50	0.00	3793.45
MW-38	07/29/14	3855.95	-	62.55	0.00	3793.40
MW-38	08/19/14	3855.95	-	62.54	0.00	3793.41
MW-38	10/30/14	3855.95	-	62.56	0.00	3793.39
MW-38	11/24/14	3855.95	-	62.54	0.00	3793.41
MW-38	02/11/15	3855.95	-	62.57	0.00	3793.38
MW-38	03/11/15	3855.95	-	62.59	0.00	3793.36
MW-38	04/17/15	3855.95	-	62.36	0.00	3793.59
MW-38	05/19/15	3855.95	-	62.64	0.00	3793.31
MW-38	07/31/15	3855.95	-	62.67	0.00	3793.28
MW-38	08/12/15	3855.95	-	62.70	0.00	3793.25
MW-38	09/11/15	3855.95	-	62.72	0.00	3793.23
MW-38	11/10/15	3855.95	-	62.76	0.00	3793.19
MW-38	02/02/16	3855.95	-	62.84	0.00	3793.11
MW-38	04/28/16	3855.95	-	62.89	0.00	3793.06
MW-38	05/10/16	3855.95	-	62.92	0.00	3793.03
MW-38	07/01/16	3855.95	-	62.97	0.00	3792.98
MW-38	07/29/16	3855.95	-	63.00	0.00	3792.95
MW-38	08/09/16	3855.95	-	62.98	0.00	3792.97
MW-38	09/15/16	3855.95	-	63.03	0.00	3792.92
MW-38	11/15/16	3855.95	-	63.11	0.00	3792.84
MW-38	12/14/16	3855.95	-	63.16	0.00	3792.79
MW-38	01/20/17	3855.95	-	63.19	0.00	3792.76
MW-38	02/22/17	3855.95	-	63.25	0.00	3792.70
MW-38	05/17/17	3855.95	-	63.46	0.00	3792.49
MW-38	06/09/17	3855.95	-	63.51	0.00	3792.44

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-38	07/26/17	3855.95	-	63.52	0.00	3792.43
MW-38	08/23/17	3855.95	-	63.72	0.00	3792.23
MW-38	10/10/17	3855.95	-	63.38	0.00	3792.57
MW-38	11/29/17	3855.95	-	63.94	0.00	3792.01
MW-38	01/08/18	3855.95	-	64.02	0.00	3791.93
MW-38	02/13/18	3855.95	-	64.10	0.00	3791.85
MW-38	04/30/18	3855.95	-	64.22	0.00	3791.73
MW-38	05/17/18	3855.95	-	64.22	0.00	3791.73
MW-38	07/05/18	3855.95	-	64.31	0.00	3791.64
MW-38	07/26/18	3855.95	-	64.34	0.00	3791.61
MW-38	08/16/18	3855.95	-	64.39	0.00	3791.56
MW-38	11/28/18	3855.95	-	64.56	0.00	3791.39
MW-38	12/27/18	3855.95	-	64.61	0.00	3791.34
MW-38	01/17/19	3855.95	-	64.68	0.00	3791.27
MW-38	02/21/19	3855.95	-	64.72	0.00	3791.23
MW-38	04/04/19	3855.95	-	64.69	0.00	3791.26
MW-38	05/30/19	3855.95	-	64.88	0.00	3791.07
MW-38	08/27/19	3855.95	-	65.06	0.00	3790.89
MW-38	10/30/19	3855.95	-	65.22	0.00	3790.73
MW-38	01/17/19	3855.95	-	64.68	0.00	3791.27
MW-38	02/21/19	3855.95	-	64.72	0.00	3791.23
MW-38	04/04/19	3855.95	-	64.69	0.00	3791.26
MW-38	05/30/19	3855.95	-	64.88	0.00	3791.07
MW-38	08/27/19	3855.95	-	65.06	0.00	3790.89
MW-38	10/30/19	3855.95	-	65.22	0.00	3790.73
MW-38	03/18/20	3855.95	-	65.46	0.00	3790.49
MW-38	05/13/20	3855.95	-	65.51	0.00	3790.44
MW-38	06/09/20	3855.95	-	65.55	0.00	3790.40
MW-38	07/16/20	3855.95	-	65.59	0.00	3790.36
MW-38	08/25/20	3855.95	-	65.62	0.00	3790.33
MW-38	12/16/20	3855.95	-	65.77	0.00	3790.18
MW-38	01/28/21	3855.95	-	65.85	0.00	3790.10
MW-38	03/22/21	3855.95	-	65.95	0.00	3790.00
MW-38	06/22/21	3855.95	-	66.13	0.00	3789.82
MW-38	07/22/21	3855.95	-	66.20	0.00	3789.75
MW-38	09/09/21	3855.95	-	66.26	0.00	3789.69
MW-38	10/26/21	3855.95	-	66.33	0.00	3789.62
MW-38	12/14/21	3855.95	-	66.44	0.00	3789.51
MW-39	12/03/07	-	-	61.42	0.00	-

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-39	03/04/08	-	-	61.51	0.00	-
MW-39	06/11/08	-	-	61.59	0.00	-
MW-39	09/09/08	-	-	61.70	0.00	-
MW-39	12/11/08	-	-	61.81	0.00	-
MW-39	02/26/09	-	-	61.89	0.00	-
MW-39	05/21/09	-	-	61.95	0.00	-
MW-39	08/18/09	-	-	61.95	0.00	-
MW-39	12/09/09	-	-	62.02	0.00	-
MW-39	01/06/10	-	-	62.05	0.00	-
MW-39	02/22/10	-	-	62.08	0.00	-
MW-39	06/04/10	-	-	62.16	0.00	-
MW-39	08/26/10	-	-	62.19	0.00	-
MW-39	11/30/10	-	-	62.03	0.00	-
MW-39	03/08/11	-	-	62.04	0.00	-
MW-39	05/25/11	-	-	62.03	0.00	-
MW-39	08/18/11	-	-	62.40	0.00	-
MW-39	11/15/11	-	-	62.40	0.00	-
MW-39	02/29/12	-	-	62.56	0.00	-
MW-39	05/01/12	-	-	62.65	0.00	-
MW-39	08/10/12	-	-	62.99	0.00	-
MW-39	11/27/12	-	-	62.89	0.00	-
MW-39	02/21/13	-	-	62.98	0.00	-
MW-39	05/15/13	-	-	63.05	0.00	-
MW-39	08/21/13	-	-	63.14	0.00	-
MW-39	11/11/13	-	-	63.19	0.00	-
MW-39	02/19/14	-	-	63.28	0.00	-
MW-39	05/20/14	-	-	63.39	0.00	-
MW-39	07/29/14	-	-	63.45	0.00	-
MW-39	08/19/14	-	-	63.43	0.00	-
MW-39	10/30/14	-	-	63.48	0.00	-
MW-39	11/24/14	-	-	63.49	0.00	-
MW-39	02/11/15	-	-	63.53	0.00	-
MW-39	03/11/15	-	-	63.57	0.00	-
MW-39	04/17/15	-	-	60.04	0.00	-
MW-39	05/19/15	-	-	63.63	0.00	-
MW-39	07/31/15	-	-	63.70	0.00	-
MW-39	08/12/15	-	-	63.69	0.00	-
MW-39	09/11/15	-	-	63.76	0.00	-
MW-39	11/10/15	-	-	63.79	0.00	-
MW-39	02/02/16	-	-	63.87	0.00	-

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-39	04/28/16	-	-	63.92	0.00	-
MW-39	05/10/16	-	-	63.94	0.00	-
MW-39	07/01/16	-	-	63.99	0.00	-
MW-39	07/29/16	-	-	64.04	0.00	-
MW-39	08/09/16	-	-	64.03	0.00	-
MW-39	11/15/16	-	-	64.16	0.00	-
MW-39	12/14/16	-	-	64.23	0.00	-
MW-39	01/20/17	-	-	64.27	0.00	-
MW-39	02/22/17	-	-	64.27	0.00	-
MW-39	05/17/17	-	-	64.44	0.00	-
MW-39	06/09/17	-	-	65.74	0.00	-
MW-39	07/26/17	-	-	65.70	0.00	-
MW-39	08/23/17	-	-	64.60	0.00	-
MW-39	10/10/17	-	-	64.72	0.00	-
MW-39	11/29/17	-	-	64.78	0.00	-
MW-39	01/08/18	-	-	64.86	0.00	-
MW-39	02/13/18	-	-	64.88	0.00	-
MW-39	04/30/18	-	-	65.02	0.00	-
MW-39	05/17/18	-	-	65.63	0.00	-
MW-39	07/05/18	-	-	65.13	0.00	-
MW-39	07/26/18	-	-	65.61	0.00	-
MW-39	08/16/18	-	-	65.17	0.00	-
MW-39	11/28/18	-	-	65.31	0.00	-
MW-39	12/27/18	-	-	65.36	0.00	-
MW-39	01/17/19	-	-	65.40	0.00	-
MW-39	02/21/19	-	-	65.44	0.00	-
MW-39	04/04/19	-	-	65.51	0.00	-
MW-39	05/30/19	-	-	65.57	0.00	-
MW-39	08/28/19	-	-	65.71	0.00	-
MW-39	10/30/19	-	-	65.88	0.00	-
MW-39	03/18/20	-	-	66.11	0.00	-
MW-39	05/13/20	-	-	66.22	0.00	-
MW-39	06/09/20	-	-	66.28	0.00	-
MW-39	07/16/20	-	-	66.32	0.00	-
MW-39	08/25/20	-	-	66.37	0.00	-
MW-39	12/16/20	-	-	66.53	0.00	-
MW-39	01/28/21	-	-	66.58	0.00	-
MW-39	03/22/21	-	-	66.70	0.00	-
MW-39	06/22/21	-	-	66.84	0.00	-
MW-39	07/22/21	-	-	66.89	0.00	-

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-39	09/09/21	-	-	66.95	0.00	-
MW-39	10/26/21	-	-	67.02	0.00	-
MW-39	12/14/21	-	-	67.10	0.00	-
MW-40	12/03/07	-	-	63.59	0.00	-
MW-40	03/04/08	-	-	63.71	0.00	-
MW-40	06/11/08	-	-	63.75	0.00	-
MW-40	09/09/08	-	-	63.84	0.00	-
MW-40	12/11/08	-	-	63.09	0.00	-
MW-40	02/27/09	-	-	63.94	0.00	-
MW-40	05/22/09	-	-	63.99	0.00	-
MW-40	08/18/09	-	-	64.05	0.00	-
MW-40	12/10/09	-	-	64.08	0.00	-
MW-40	01/06/10	-	-	64.07	0.00	-
MW-40	02/22/10	-	-	64.09	0.00	-
MW-40	05/06/10	-	-	64.07	0.00	-
MW-40	05/13/10	-	-	64.06	0.00	-
MW-40	05/19/10	-	-	64.09	0.00	-
MW-40	06/04/10	-	-	64.12	0.00	-
MW-40	08/26/10	-	-	64.14	0.00	-
MW-40	11/30/10	-	-	64.09	0.00	-
MW-40	03/08/11	-	-	64.10	0.00	-
MW-40	05/25/11	-	-	64.08	0.00	-
MW-40	08/19/11	-	-	64.45	0.00	-
MW-40	11/15/11	-	-	64.38	0.00	-
MW-40	02/29/12	-	-	64.58	0.00	-
MW-40	05/01/12	-	-	64.70	0.00	-
MW-40	08/10/12	-	-	65.06	0.00	-
MW-40	11/28/12	-	-	64.96	0.00	-
MW-40	02/21/13	-	-	65.10	0.00	-
MW-40	05/15/13	-	-	65.50	0.00	-
MW-40	08/21/13	-	-	65.09	0.00	-
MW-40	11/11/13	-	-	65.15	0.00	-
MW-40	02/19/14	-	-	65.22	0.00	-
MW-40	05/20/14	-	-	65.31	0.00	-
MW-40	07/29/14	-	-	65.37	0.00	-
MW-40	08/19/14	-	-	65.34	0.00	-
MW-40	10/30/14	-	-	65.41	0.00	-
MW-40	11/24/14	-	-	65.38	0.00	-
MW-40	02/11/15	-	-	65.40	0.00	-

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-40	03/11/15	-	-	65.44	0.00	-
MW-40	04/17/15	-	-	61.85	0.00	-
MW-40	05/19/15	-	-	65.46	0.00	-
MW-40	07/31/15	-	-	65.54	0.00	-
MW-40	08/12/15	-	-	65.54	0.00	-
MW-40	09/11/15	-	-	65.59	0.00	-
MW-40	11/10/15	-	-	65.61	0.00	-
MW-40	02/02/16	-	-	65.70	0.00	-
MW-40	04/28/16	-	-	65.75	0.00	-
MW-40	05/10/16	-	-	65.76	0.00	-
MW-40	07/01/16	-	-	65.81	0.00	-
MW-40	07/29/16	-	-	65.86	0.00	-
MW-40	08/09/16	-	-	65.84	0.00	-
MW-40	09/15/16	-	-	65.87	0.00	-
MW-40	11/15/16	-	-	65.98	0.00	-
MW-40	12/14/16	-	-	66.01	0.00	-
MW-40	01/20/17	-	-	66.06	0.00	-
MW-40	02/22/17	-	-	66.12	0.00	-
MW-40	05/17/17	-	-	66.28	0.00	-
MW-40	06/09/17	-	-	66.39	0.00	-
MW-40	07/26/17	-	-	66.37	0.00	-
MW-40	08/23/17	-	-	66.51	0.00	-
MW-40	10/10/17	-	-	66.63	0.00	-
MW-40	11/29/17	-	-	66.68	0.00	-
MW-40	01/08/18	-	-	66.77	0.00	-
MW-40	02/13/18	-	-	66.84	0.00	-
MW-40	05/17/18	-	-	66.97	0.00	-
MW-40	07/05/18	-	-	67.08	0.00	-
MW-40	07/26/18	-	-	67.07	0.00	-
MW-40	08/16/18	-	-	67.11	0.00	-
MW-40	11/28/18	-	-	67.25	0.00	-
MW-40	12/27/18	-	-	66.31	0.00	-
MW-40	01/17/19	-	-	67..34	0.00	-
MW-40	02/21/19	-	-	67.42	0.00	-
MW-40	04/04/19	-	-	67.46	0.00	-
MW-40	05/30/19	-	-	67.54	0.00	-
MW-40	08/28/19	-	-	67.73	0.00	-
MW-40	10/30/19	-	-	67.94	0.00	-
MW-40	03/18/20	-	-	68.18	0.00	-
MW-40	05/13/20	-	-	68.24	0.00	-

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-40	06/09/20	-	-	68.28	0.00	-
MW-40	07/16/20	-	-	68.31	0.00	-
MW-40	08/25/20	-	-	68.36	0.00	-
MW-40	12/16/20	-	-	68.48	0.00	-
MW-40	01/28/21	-	-	68.56	0.00	-
MW-40	03/22/21	-	-	68.65	0.00	-
MW-40	06/22/21	-	-	68.85	0.00	-
MW-40	07/22/21	-	-	68.89	0.00	-
MW-40	09/09/21	-	-	68.98	0.00	-
MW-40	10/26/21	-	-	69.02	0.00	-
MW-40	12/14/21	-	-	69.14	0.00	-

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 1	08/20/99	6.5400	0.078	1.36	0.605	0.217
MW - 1	12/08/99	5.2000	0.386	1.06	0.501	0.223
MW - 1	03/24/00	0.5470	0.098	0.169	0.042	0.014
MW - 1	06/14/00	2.2800	0.06	0.451	0.06	0.013
MW - 1	09/22/00	0.4550	0.115	0.128	0.051	0.023
MW - 1	12/28/00	1.9900	0.05	0.442	0.11	0.056
MW - 1	03/14/01	2.7200	0.199	0.659	0.200	0.075
MW - 1	06/06/01	3.5600	0.155	0.812	0.372	
MW - 1	09/28/01	1.2800	0.065	0.366	0.145	0.013
MW - 1	11/17/01	6.8800	0.121	1.65	0.865	0.204
MW - 1	03/26/02	1.8500	0.049	0.361	0.042	0.007
MW - 1	06/26/02	2.0700	0.169	0.545	0.105	0.018
MW - 1	09/25/02	2.6000	0.311	0.402	0.104	0.033
MW - 1	12/10/02	1.6100	0.307	0.248	0.081	0.022
MW - 1	03/11/03	0.8440	0.148	0.172	0.075	0.025
MW - 1	06/10/03	1.1700	0.080	0.078	0.111	0.020
MW - 1	03/01/04	2.9100	0.114	0.481	0.511	0.170
MW - 1	05/19/04	2.5900	0.0794	0.429	0.303	0.125
MW - 1	03/17/05	Not Sampled Due to PSH in Well				
MW - 1	06/15/05	6.8100	0.122	0.92	0.181	
MW - 1	09/14/05	Not Sampled Due to PSH in Well				
MW - 1	12/13/05	Not Sampled Due to PSH in Well				
MW - 1	03/15/06	Not Sampled Due to PSH in Well				
MW - 1	06/14/06	Not Sampled Due to PSH in Well				
MW - 1	09/13/06	Not Sampled Due to PSH in Well				
MW - 1	12/05/06	Not Sampled Due to PSH in Well				
MW - 1	03/01/07	Not Sampled Due to PSH in Well				
MW - 1	05/24/07	Not Sampled Due to PSH in Well				
MW - 1	08/23/07	Not Sampled Due to PSH in Well				
MW - 1	11/04/07	Not Sampled Due to PSH in Well				
MW - 1	03/04/08	Not Sampled Due to PSH in Well				
MW - 1	06/11/08	Not Sampled Due to PSH in Well				
MW - 1	09/10/08	Not Sampled Due to PSH in Well				
MW - 1	12/11/08	Not Sampled Due to Insufficient Water Volume				
MW - 1	02/26/09	Not Sampled Due to PSH in Well				
MW - 1	05/22/09	Not Sampled Due to PSH in Well				
MW - 1	08/18/09	Not Sampled Due to PSH in Well				
MW - 1	12/10/09	2.690	0.578	1.28	1.26	
MW - 1	02/22/10	Not Sampled Due to PSH in Well				
MW - 1	06/03/10	Not Sampled Due to PSH in Well				
MW - 1	08/26/10	Not Sampled Due to PSH in Well				
MW - 1	12/01/10	Not Sampled Due to PSH in Well				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 1	03/09/11	Not Sampled Due to PSH in Well				
MW - 1	05/26/11	Not Sampled Due to PSH in Well				
MW - 1	08/18/11	Not Sampled Due to PSH in Well				
MW - 1	11/15/11	Not Sampled Due to PSH in Well				
MW - 1	02/29/12	Not Sampled Due to PSH in Well				
MW - 1	05/02/12	Not Sampled Due to PSH in Well				
MW - 1	08/10/12	Not Sampled Due to PSH in Well				
MW - 1	11/27/12	Not Sampled Due to PSH in Well				
MW - 1	02/22/13	Not Sampled Due to PSH in Well				
MW - 1	05/15/13	Not Sampled Due to PSH in Well				
MW - 1	08/21/13	Not Sampled Due to PSH in Well				
MW - 1	11/11/13	Not Sampled Due to PSH in Well				
MW - 1	02/19/14	Not Sampled Due to PSH in Well				
MW - 1	05/20/14	Not Sampled Due to PSH in Well				
MW - 1	08/19/14	Not Sampled Due to PSH in Well				
MW - 1	11/26/14	Not Sampled Due to PSH in Well				
MW - 1	02/10/15	Not Sampled Due to PSH in Well				
MW - 1	05/20/15	Not Sampled Due to PSH in Well				
MW - 1	08/13/15	Not Sampled Due to PSH in Well				
MW - 1	11/10/15	Not Sampled Due to PSH in Well				
MW - 1	02/02/16	Not Sampled Due to PSH in Well				
MW - 1	05/11/16	Not Sampled Due to PSH in Well				
MW - 1	08/09/16	Not Sampled Due to PSH in Well				
MW - 1	11/16/16	Not Sampled Due to PSH in Well				
MW - 1	02/22/17	Not Sampled Due to PSH in Well				
MW - 1	05/17/17	Not Sampled Due to PSH in Well				
MW - 1	08/23/17	Not Sampled Due to PSH in Well				
MW - 1	11/29/17	Not Sampled Due to PSH in Well				
MW - 1	02/14/18	Not Sampled Due to PSH in Well				
MW - 1	05/17/18	Not Sampled Due to PSH in Well				
MW - 1	08/15/18	Not Sampled Due to PSH in Well				
MW - 1	11/27/18	Not Sampled Due to PSH in Well				
MW - 1	02/21/19	Not Sampled Due to PSH in Well				
MW - 1	05/29/19	Not Sampled Due to PSH in Well				
MW - 1	08/27/19	Not Sampled Due to PSH in Well				
MW - 1	10/29/19	Not Sampled Due to PSH in Well				
MW - 1	03/17/20	Not Sampled Due to PSH in Well				
MW - 1	06/09/20	Not Sampled Due to PSH in Well				
MW - 1	08/26/20	Not Sampled Due to PSH in Well				
MW - 1	12/18/20	Not Sampled Due to PSH in Well				
MW - 1	03/24/21	2.71	0.0598	0.152	0.2537	
MW - 1	06/23/21	3.52	0.0346	0.0934	0.0999	
MW - 1	09/10/21	Not Sampled Due to PSH in Well				
MW - 1	12/15/21	Not Sampled Due to PSH in Well				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b					
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	
MW - 2	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 2	12/08/99	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 2	03/24/00	0.0010	0.001	<0.001	<0.001	<0.001	
MW - 2	06/14/00	0.0150	0.006	0.007	0.002	<0.001	
MW - 2	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 2	12/28/00	0.0020	0.001	0.001	<0.001	<0.001	
MW - 2	03/14/01	0.0010	0.001	<0.001	<0.001	<0.001	
MW - 2	06/06/01	0.0070	0.013	<0.001	<0.001		
MW - 2	09/28/01	0.0010	0.001	<0.001	<0.001	<0.001	
MW - 2	11/17/01	0.0110	0.002	0.003	0.002	<0.001	
MW - 2	03/26/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 2	06/26/02	0.0020	0.002	0.001	0.001	<0.001	
MW - 2	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 2	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 2	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 2	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 2	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 2	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 2	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 2	12/09/04	<0.001	<0.001	<0.001	<0.001		
MW - 2	03/17/05	Not Sampled on Current Sample Schedule					
MW - 2	06/15/05	Not Sampled on Current Sample Schedule					
MW - 2	09/14/05	Not Sampled on Current Sample Schedule					
MW - 2	12/13/05	<0.001	<0.001	<0.001	<0.001		
MW - 2	03/15/06	Not Sampled on Current Sample Schedule					
MW - 2	06/14/06	Not Sampled on Current Sample Schedule					
MW - 2	09/13/06	Not Sampled on Current Sample Schedule					
MW - 2	12/05/06	<0.001	<0.001	<0.001	<0.001		
MW - 2	03/01/07	Not Sampled on Current Sample Schedule					
MW - 2	05/24/07	Not Sampled on Current Sample Schedule					
MW - 2	08/23/07	Not Sampled on Current Sample Schedule					
MW - 2	11/08/07	<0.001	<0.001	<0.001	<0.001		
MW - 2	03/04/08	Not Sampled on Current Sample Schedule					
MW - 2	06/11/08	Not Sampled on Current Sample Schedule					
MW - 2	09/10/08	Not Sampled on Current Sample Schedule					
MW - 2	12/11/08	<0.001	<0.001	<0.001	<0.001		
MW - 2	02/26/09	Not Sampled on Current Sample Schedule					
MW - 2	05/22/09	Not Sampled on Current Sample Schedule					
MW - 2	08/18/09	Not Sampled on Current Sample Schedule					
MW - 2	12/09/09	<0.001	<0.001	<0.001	<0.001		
MW - 2	02/22/10	Not Sampled on Current Sample Schedule					
MW - 2	06/03/10	Not Sampled on Current Sample Schedule					
MW - 2	08/26/10	Not Sampled on Current Sample Schedule					

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 2	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 2	03/09/11	Not Sampled on Current Sample Schedule				
MW - 2	05/26/11	Not Sampled on Current Sample Schedule				
MW - 2	08/18/11	Not Sampled on Current Sample Schedule				
MW - 2	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/29/12	Not Sampled on Current Sample Schedule				
MW - 2	05/02/12	Not Sampled on Current Sample Schedule				
MW - 2	08/10/12	Not Sampled on Current Sample Schedule				
MW - 2	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/22/13	Not Sampled on Current Sample Schedule				
MW - 2	05/15/13	Not Sampled on Current Sample Schedule				
MW - 2	08/21/13	Not Sampled on Current Sample Schedule				
MW - 2	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 2	02/19/14	Not Sampled on Current Sample Schedule				
MW - 2	05/20/14	Not Sampled on Current Sample Schedule				
MW - 2	08/19/14	Not Sampled on Current Sample Schedule				
MW - 2	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	02/10/15	Not Sampled on Current Sample Schedule				
MW - 2	05/20/15	Not Sampled on Current Sample Schedule				
MW - 2	08/13/15	Not Sampled on Current Sample Schedule				
MW - 2	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	02/02/16	Not Sampled on Current Sample Schedule				
MW - 2	05/11/16	Not Sampled on Current Sample Schedule				
MW - 2	08/09/16	Not Sampled on Current Sample Schedule				
MW - 2	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	02/21/17	Not Sampled on Current Sample Schedule				
MW - 2	05/16/17	Not Sampled on Current Sample Schedule				
MW - 2	08/22/17	Not Sampled on Current Sample Schedule				
MW - 2	11/27/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 2	02/14/18	Not Sampled on Current Sample Schedule				
MW - 2	05/17/18	Not Sampled on Current Sample Schedule				
MW - 2	08/15/18	Not Sampled on Current Sample Schedule				
MW - 2	11/27/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 2	02/20/19	Not Sampled on Current Sample Schedule				
MW - 2	05/29/19	Not Sampled on Current Sample Schedule				
MW - 2	08/27/19	Not Sampled on Current Sample Schedule				
MW - 2	10/29/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 2	03/17/20	Not Sampled on Current Sample Schedule				
MW - 2	06/09/20	Not Sampled Due to PSH in Well				
MW - 2	08/26/20	Not Sampled Due to PSH in Well				
MW - 2	12/18/20	Not Sampled Due to PSH in Well				
MW - 2	03/24/21	0.256	0.0937	1.74	1.554	
MW - 2	06/23/21	Not Sampled Due to PSH in Well				
MW - 2	09/10/21	Not Sampled Due to PSH in Well				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 2	12/15/21	Not Sampled Due to PSH in Well				
MW - 3	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	12/08/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	03/24/00	<0.001	0.001	<0.001	<0.001	<0.001
MW - 3	06/14/00	0.0030	0.001	0.003	<0.001	<0.001
MW - 3	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	12/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	03/14/01	0.0040	0.005	0.003	0.003	<0.001
MW - 3	06/06/01	0.0060	<0.001	<0.001	<0.001	<0.001
MW - 3	09/28/01	0.0020	0.002	<0.001	0.001	<0.001
MW - 3	11/17/01	0.0060	0.001	0.002	0.002	<0.001
MW - 3	03/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	06/26/02	0.0030	0.004	0.002	0.002	<0.001
MW - 3	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	12/08/03	0.0030	<0.001	0.002	<0.002	<0.001
MW - 3	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 3	12/09/04	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	03/17/05	Not Sampled on Current Sample Schedule				
MW - 3	06/15/05	Not Sampled on Current Sample Schedule				
MW - 3	09/14/05	Not Sampled on Current Sample Schedule				
MW - 3	12/13/05	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	03/15/06	Not Sampled on Current Sample Schedule				
MW - 3	06/14/06	Not Sampled on Current Sample Schedule				
MW - 3	09/13/06	Not Sampled on Current Sample Schedule				
MW - 3	12/05/06	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	03/01/07	Not Sampled on Current Sample Schedule				
MW - 3	05/24/07	Not Sampled on Current Sample Schedule				
MW - 3	08/23/07	Not Sampled on Current Sample Schedule				
MW - 3	11/08/07	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	03/04/08	Not Sampled on Current Sample Schedule				
MW - 3	06/11/08	Not Sampled on Current Sample Schedule				
MW - 3	09/10/08	Not Sampled on Current Sample Schedule				
MW - 3	12/11/08	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	02/26/09	Not Sampled on Current Sample Schedule				
MW - 3	05/22/09	Not Sampled on Current Sample Schedule				
MW - 3	08/18/09	Not Sampled on Current Sample Schedule				
MW - 3	12/09/09	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	02/22/10	Not Sampled on Current Sample Schedule				
MW - 3	06/03/10	Not Sampled on Current Sample Schedule				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 3	08/26/10	Not Sampled on Current Sample Schedule				
MW - 3	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	03/09/11	Not Sampled on Current Sample Schedule				
MW - 3	05/26/11	Not Sampled on Current Sample Schedule				
MW - 3	08/18/11	Not Sampled on Current Sample Schedule				
MW - 3	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/29/12	Not Sampled on Current Sample Schedule				
MW - 3	05/02/12	Not Sampled on Current Sample Schedule				
MW - 3	08/10/12	Not Sampled on Current Sample Schedule				
MW - 3	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/22/13	Not Sampled on Current Sample Schedule				
MW - 3	05/15/13	Not Sampled on Current Sample Schedule				
MW - 3	08/21/13	Not Sampled on Current Sample Schedule				
MW - 3	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 3	02/19/14	Not Sampled on Current Sample Schedule				
MW - 3	05/20/14	Not Sampled on Current Sample Schedule				
MW - 3	08/19/14	Not Sampled on Current Sample Schedule				
MW - 3	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/10/15	Not Sampled on Current Sample Schedule				
MW - 3	05/20/15	Not Sampled on Current Sample Schedule				
MW - 3	08/13/15	Not Sampled on Current Sample Schedule				
MW - 3	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/02/16	Not Sampled on Current Sample Schedule				
MW - 3	05/11/16	Not Sampled on Current Sample Schedule				
MW - 3	08/09/16	Not Sampled on Current Sample Schedule				
MW - 3	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/21/17	Not Sampled on Current Sample Schedule				
MW - 3	05/16/17	Not Sampled on Current Sample Schedule				
MW - 3	08/22/17	Not Sampled on Current Sample Schedule				
MW - 3	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 3	02/14/18	Not Sampled on Current Sample Schedule				
MW - 3	05/17/18	Not Sampled on Current Sample Schedule				
MW - 3	08/15/18	Not Sampled on Current Sample Schedule				
MW - 3	11/27/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 3	02/20/19	Not Sampled on Current Sample Schedule				
MW - 3	05/29/19	Not Sampled on Current Sample Schedule				
MW - 3	08/27/19	Not Sampled on Current Sample Schedule				
MW - 3	10/29/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 3	03/17/20	Not Sampled on Current Sample Schedule				
MW - 3	06/09/20	Not Sampled on Current Sample Schedule				
MW - 3	08/25/20	Not Sampled on Current Sample Schedule				
MW - 3	12/17/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 3	03/22/21	Not Sampled on Current Sample Schedule				
MW - 3	06/22/21	Not Sampled on Current Sample Schedule				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 3	09/09/21	Not Sampled on Current Sample Schedule				
MW - 3	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 4	08/19/00	0.0090	<0.001	0.002	<0.001	<0.001
MW - 4	12/08/99	0.0140	0.002	0.003	0.002	<0.001
MW - 4	03/24/00	0.0150	0.001	0.003	0.001	<0.001
MW - 4	06/14/00	0.0210	0.001	0.006	0.001	<0.001
MW - 4	09/22/00	0.0150	0.002	0.006	0.002	0.001
MW - 4	12/28/00	0.0110	0.002	0.003	<0.001	<0.001
MW - 4	03/14/01	0.0080	<0.001	0.002	<0.001	<0.001
MW - 4	06/06/01	0.0200	<0.001	<0.001	<0.001	
MW - 4	09/28/01	0.0120	0.001	0.003	0.001	<0.001
MW - 4	11/17/01	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 4	03/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	06/26/02	0.0130	<0.001	0.003	<0.001	<0.001
MW - 4	09/25/02	0.0140	<0.001	0.003	<0.001	<0.001
MW - 4	12/10/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 4	03/11/03	0.0050	<0.001	0.001	<0.001	<0.001
MW - 4	06/10/03	0.0030	<0.001	0.001	<0.001	<0.001
MW - 4	09/03/03	0.0040	<0.001	0.002	<0.001	<0.001
MW - 4	12/08/03	0.0040	<0.001	0.002	<0.002	<0.001
MW - 4	03/01/04	0.0020	<0.001	<0.001	<0.002	<0.001
MW - 4	05/19/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 4	08/26/04	0.0078	<0.001	0.00264	<0.002	<0.001
MW - 4	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 4	03/17/05	0.0091	<0.005	<0.005	<0.005	
MW - 4	06/15/05	0.0209	<0.001	<0.001	<0.001	
MW - 4	09/14/05	0.0892	0.0019	0.0325	0.0085	
MW - 4	12/13/05	0.0168	0.0013	0.005	0.0014	
MW - 4	03/15/06	0.0050	<0.001	<0.001	<0.001	
MW - 4	06/14/06	0.0109	<0.001	<0.001	<0.001	
MW - 4	09/13/06	0.0449	<0.001	0.007	<0.001	
MW - 4	12/06/06	<0.001	<0.001	<0.001	<0.001	
MW - 4	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 4	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 4	08/23/07	0.0063	<0.001	<0.001	<0.001	
MW - 4	11/08/07	0.0101	<0.001	0.0268	0.0295	
MW - 4	03/04/08	Not Sampled Due to PSH in Well				
MW - 4	06/11/08	Not Sampled Due to PSH in Well				
MW - 4	09/10/08	Not Sampled Due to PSH in Well				
MW - 4	12/11/08	Not Sampled Due to Insufficient Water Volume				
MW - 4	02/26/09	Not Sampled Due to PSH in Well				
MW - 4	05/22/09	Not Sampled Due to PSH in Well				
MW - 4	08/18/09	Not Sampled Due to PSH in Well				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 4	12/10/09	1.110	0.272	1.670	1.970	
MW - 4	02/22/10	Not Sampled Due to PSH in Well				
MW - 4	06/03/10	Not Sampled Due to PSH in Well				
MW - 4	08/26/10	Not Sampled Due to PSH in Well				
MW - 4	12/01/10	Not Sampled Due to PSH in Well				
MW - 4	03/09/11	Not Sampled Due to PSH in Well				
MW - 4	05/26/11	Not Sampled Due to PSH in Well				
MW - 4	08/18/11	Not Sampled Due to PSH in Well				
MW - 4	11/15/11	Not Sampled Due to PSH in Well				
MW - 4	02/29/12	Not Sampled Due to PSH in Well				
MW - 4	05/02/12	Not Sampled Due to PSH in Well				
MW - 4	08/10/12	Not Sampled Due to PSH in Well				
MW - 4	11/27/12	Not Sampled Due to PSH in Well				
MW - 4	02/22/13	Not Sampled Due to PSH in Well				
MW - 4	05/15/13	Not Sampled Due to PSH in Well				
MW - 4	08/21/13	Not Sampled Due to PSH in Well				
MW - 4	11/11/13	Not Sampled Due to PSH in Well				
MW - 4	02/19/14	Not Sampled Due to PSH in Well				
MW - 4	05/20/14	Not Sampled Due to PSH in Well				
MW - 4	08/19/14	Not Sampled Due to PSH in Well				
MW - 4	11/25/14	Not Sampled Due to PSH in Well				
MW - 4	02/10/15	Not Sampled Due to PSH in Well				
MW - 4	05/20/15	Not Sampled Due to PSH in Well				
MW - 4	08/13/15	Not Sampled Due to PSH in Well				
MW - 4	11/10/15	Not Sampled Due to PSH in Well				
MW - 4	02/02/16	Not Sampled Due to PSH in Well				
MW - 4	05/11/16	Not Sampled Due to PSH in Well				
MW - 4	08/09/16	Not Sampled Due to PSH in Well				
MW - 4	11/16/16	Not Sampled Due to PSH in Well				
MW - 4	02/22/17	Not Sampled Due to PSH in Well				
MW - 4	05/17/17	Not Sampled Due to PSH in Well				
MW - 4	08/23/17	Not Sampled Due to PSH in Well				
MW - 4	11/29/17	Not Sampled Due to PSH in Well				
MW - 4	02/14/18	Not Sampled Due to PSH in Well				
MW - 4	05/17/18	Not Sampled Due to PSH in Well				
MW - 4	08/15/18	Not Sampled Due to PSH in Well				
MW - 4	11/27/18	Not Sampled Due to PSH in Well				
MW - 4	02/21/19	Not Sampled Due to PSH in Well				
MW - 4	05/29/19	Not Sampled Due to PSH in Well				
MW - 4	08/27/19	Not Sampled Due to PSH in Well				
MW - 4	10/29/19	Not Sampled Due to PSH in Well				
MW - 4	03/17/20	Not Sampled Due to PSH in Well				
MW - 4	06/09/20	Not Sampled Due to PSH in Well				
MW - 4	08/26/20	Not Sampled Due to PSH in Well				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 4	12/18/20	Not Sampled Due to PSH in Well				
MW - 4	03/24/21	Not Sampled Due to PSH in Well				
MW - 4	06/23/21	Not Sampled Due to PSH in Well				
MW - 4	09/10/21	Not Sampled Due to PSH in Well				
MW - 4	12/15/21	1.82	0.00452	1.66	1.298	
MW - 6	08/19/99	0.0090	<0.001	<0.001	<0.001	<0.001
MW - 6	12/08/99	0.0110	<0.001	0.002	<0.001	<0.001
MW - 6	03/24/00	0.0090	<0.001	<0.001	<0.001	<0.001
MW - 6	06/14/00	0.0050	<0.001	0.002	<0.001	<0.001
MW - 6	09/02/00	0.0400	<0.001	0.01	0.003	<0.001
MW - 6	12/28/00	0.0100	0.001	0.002	<0.001	<0.001
MW - 6	03/14/01	0.0210	<0.001	0.004	0.001	<0.001
MW - 6	06/06/01	0.0240	<0.001	<0.001	<0.001	
MW - 6	09/28/01	0.0270	<0.001	0.004	0.002	<0.001
MW - 6	11/17/01	0.0130	<0.001	0.003	0.001	<0.001
MW - 6	03/26/02	0.0130	<0.001	<0.001	<0.001	<0.001
MW - 6	06/26/02	0.0030	0.002	<0.001	<0.001	<0.001
MW - 6	09/25/02	0.0160	<0.001	<0.001	<0.001	<0.001
MW - 6	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	09/03/03	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 6	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 6	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 6	05/19/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 6	08/26/04	0.0203	<0.001	<0.001	<0.002	<0.001
MW - 6	12/09/04	0.0073	<0.001	<0.001	<0.001	
MW - 6	03/17/05	<0.001	<0.001	<0.001	<0.001	
MW - 6	06/15/05	<0.001	<0.001	<0.001	<0.001	
MW - 6	09/14/05	0.0149	<0.001	<0.001	<0.001	
MW - 6	12/13/05	<0.001	<0.001	<0.001	<0.001	
MW - 6	03/15/06	<0.001	<0.001	<0.001	<0.001	
MW - 6	06/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 6	09/13/06	2.6900	<0.02	0.236	<0.02	
MW - 6	12/06/06	<0.001	<0.001	<0.001	<0.001	
MW - 6	03/01/07	0.0045	<0.001	<0.001	<0.001	
MW - 6	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	03/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	06/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	09/10/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	12/11/08	<0.001	<0.001	<0.001	<0.001	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 6	02/26/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 6	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	05/15/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 6	02/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 6	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 6	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	05/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	08/13/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	11/11/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/22/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 6	05/16/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 6	08/23/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 6	11/29/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 6	02/14/18	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	05/17/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 6	08/16/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 6	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 6	02/21/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	05/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	08/28/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	10/30/19	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 6	03/18/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	06/09/20	<0.000500	<0.00100	<0.00100	<0.00200	
MW - 6	08/26/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	12/17/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	03/23/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	06/23/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	09/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 7	08/19/99	0.0390	0.008	0.018	0.005	0.004
MW - 7	12/08/99	0.1080	0.011	0.094	0.018	0.003
MW - 7	03/24/00	0.0440	0.01	0.014	0.004	0.002
MW - 7	06/14/00	0.0140	0.003	0.004	<0.001	<0.001
MW - 7	09/22/00	0.1500	0.026	0.084	0.022	0.015
MW - 7	12/28/00	0.0430	0.002	0.04	0.002	<0.001
MW - 7	03/14/01	0.0550	0.002	0.057	0.002	<0.001
MW - 7	06/06/01	0.0800	<0.005	0.079	<0.005	
MW - 7	09/28/01	0.1000	0.004	0.124	0.007	0.002
MW - 7	11/17/01	0.1620	0.004	0.154	0.014	0.004
MW - 7	03/26/02	0.0410	0.001	0.036	0.002	<0.001
MW - 7	06/26/02	0.0810	0.007	0.06	0.002	0.001
MW - 7	09/25/02	0.1540	0.013	0.079	0.006	0.003
MW - 7	12/10/02	0.0660	0.007	0.054	0.004	0.001
MW - 7	03/11/03	0.0430	0.004	0.031	0.002	<0.001
MW - 7	06/10/03	0.0430	0.004	0.011	0.002	0.002
MW - 7	09/03/03	0.0850	0.010	0.043	0.008	0.003
MW - 7	12/08/03	0.0450	0.003	0.009	0.002	0.001
MW - 7	03/01/04	0.0950	0.004	0.027	0.003	0.001
MW - 7	05/19/04	0.0279	0.0014	0.00759	<0.002	<0.001
MW - 7	08/26/04	0.1580	0.00834	0.0479	0.0172	0.0123
MW - 7	12/09/04	1.3600	<0.001	0.118	<0.001	
MW - 7	03/17/05	2.8700	0.0291	1.78	0.644	
MW - 7	06/15/05	2.8600	0.0804	1.41	0.426	
MW - 7	09/14/05	2.9200	<0.05	1.77	0.455	
MW - 7	12/13/05	2.0800	<0.02	1.4	0.188	
MW - 7	03/15/06	1.4800	<0.050	1.08	0.152	
MW - 7	06/14/06	0.8140	<0.02	0.616	0.034	
MW - 7	09/14/06	0.8870	<0.02	0.678	<0.02	
MW - 7	12/06/06	0.5830	<0.01	0.457	0.0297	
MW - 7	03/01/07	0.6700	<0.02	0.518	0.0338	
MW - 7	05/24/07	Not Sampled Due to PSH in Well				
MW - 7	08/23/07	Not Sampled Due to PSH in Well				
MW - 7	11/08/07	Not Sampled Due to PSH in Well				
MW - 7	03/04/08	Not Sampled Due to PSH in Well				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 7	06/11/08	Not Sampled Due to PSH in Well				
MW - 7	09/10/08	Not Sampled Due to PSH in Well				
MW - 7	12/11/08	1.9800	0.133	1.85	1.10	
MW - 7	02/26/09	Not Sampled Due to PSH in Well				
MW - 7	05/22/09	Not Sampled Due to PSH in Well				
MW - 7	08/18/09	Not Sampled Due to PSH in Well				
MW - 7	12/10/09	2.470	0.681	2.110	1.480	
MW - 7	02/22/10	Not Sampled Due to PSH in Well				
MW - 7	06/03/10	Not Sampled Due to PSH in Well				
MW - 7	08/26/10	Not Sampled Due to PSH in Well				
MW - 7	12/01/10	Not Sampled Due to PSH in Well				
MW - 7	03/09/11	Not Sampled Due to PSH in Well				
MW - 7	05/26/11	Not Sampled Due to PSH in Well				
MW - 7	08/19/11	Not Sampled Due to PSH in Well				
MW - 7	11/15/11	Not Sampled Due to PSH in Well				
MW - 7	02/29/12	Not Sampled Due to PSH in Well				
MW - 7	02/22/13	Not Sampled Due to PSH in Well				
MW - 7	05/15/13	Not Sampled Due to PSH in Well				
MW - 7	08/21/13	Not Sampled Due to PSH in Well				
MW - 7	11/11/13	Not Sampled Due to PSH in Well				
MW - 7	02/19/14	Not Sampled Due to PSH in Well				
MW - 7	05/20/14	Not Sampled Due to PSH in Well				
MW - 7	08/19/14	Not Sampled Due to PSH in Well				
MW - 7	11/25/14	Not Sampled Due to PSH in Well				
MW - 7	11/25/14	Not Sampled Due to PSH in Well				
MW - 7	02/10/15	Not Sampled Due to PSH in Well				
MW - 7	05/20/15	Not Sampled Due to PSH in Well				
MW - 7	08/13/15	Not Sampled Due to PSH in Well				
MW - 7	11/10/15	Not Sampled Due to PSH in Well				
MW - 7	02/02/16	Not Sampled Due to PSH in Well				
MW - 7	05/11/16	Not Sampled Due to PSH in Well				
MW - 7	08/09/16	Not Sampled Due to PSH in Well				
MW - 7	11/16/16	Not Sampled Due to PSH in Well				
MW - 7	02/22/17	Not Sampled Due to PSH in Well				
MW - 7	05/17/17	Not Sampled Due to PSH in Well				
MW - 7	08/23/17	Not Sampled Due to PSH in Well				
MW - 7	11/29/17	Not Sampled Due to PSH in Well				
MW - 7	02/14/18	Not Sampled Due to PSH in Well				
MW - 7	05/17/18	Not Sampled Due to PSH in Well				
MW - 7	08/15/18	Not Sampled Due to PSH in Well				
MW - 7	11/27/18	Not Sampled Due to PSH in Well				
MW - 7	02/21/19	Not Sampled Due to PSH in Well				
MW - 7	05/29/19	Not Sampled Due to PSH in Well				
MW - 7	08/27/19	Not Sampled Due to PSH in Well				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 7	10/29/19	Not Sampled Due to PSH in Well				
MW - 7	03/17/20	Not Sampled Due to PSH in Well				
MW - 7	06/09/20	Not Sampled Due to PSH in Well				
MW - 7	08/26/20	Not Sampled Due to PSH in Well				
MW - 7	12/18/20	Not Sampled Due to PSH in Well				
MW - 7	03/24/21	Not Sampled Due to PSH in Well				
MW - 7	06/23/21	Not Sampled Due to PSH in Well				
MW - 7	09/10/21	Not Sampled Due to PSH in Well				
MW - 7	12/16/21	Not Sampled Due to PSH in Well				
MW - 9	08/19/99	0.7250	0.163	0.368	0.252	0.104
MW - 9	12/08/99	0.0580	<0.001	0.022	0.004	<0.001
MW - 9	03/24/00	0.0120	0.002	0.002	<0.001	<0.001
MW - 9	06/14/00	0.0410	<0.001	0.024	0.002	<0.001
MW - 9	09/22/00	0.0580	<0.001	0.008	0.002	<0.001
MW - 9	12/28/00	0.8670	<0.010	0.344	0.043	<0.010
MW - 9	03/14/01	2.5200	<0.010	1.12	0.098	0.019
MW - 9	06/06/01	2.9800	<0.005	1.15	0.198	
MW - 9	09/28/01	2.3600	<0.002	1.00	0.015	<0.002
MW - 9	11/17/01	1.8200	0.002	0.724	0.013	0.002
MW - 9	03/26/02	0.1620	<0.001	0.037	0.001	<0.001
MW - 9	06/26/02	0.8360	<0.001	0.481	0.185	<0.001
MW - 9	09/25/02	0.7100	0.002	0.199	0.003	<0.001
MW - 9	12/10/02	1.0100	<0.001	0.369	0.017	<0.001
MW - 9	03/11/03	0.9660	<0.001	0.190	0.010	0.001
MW - 9	06/10/03	0.2100	<0.001	0.017	<0.001	<0.001
MW - 9	09/03/03	0.4890	<0.001	0.056	0.003	<0.001
MW - 9	12/08/03	0.5590	0.008	0.017	0.009	0.002
MW - 9	03/01/04	0.0690	<0.001	0.002	<0.002	<0.001
MW - 9	05/19/04	0.0890	<0.001	0.00235	<0.002	<0.001
MW - 9	08/26/04	0.1160	<0.001	<0.001	<0.002	<0.001
MW - 9	12/09/04	3.4400	<0.001	<0.001	<0.001	
MW - 9	03/17/05	0.7830	<0.01	0.0891	0.0655	
MW - 9	06/15/05	1.4200	<0.02	0.168	0.06	
MW - 9	09/15/05	2.3600	<0.05	0.431	0.0838	
MW - 9	12/13/05	2.5100	<0.02	0.462	0.0282	
MW - 9	03/15/06	2.5000	<0.2	0.52	<0.2	
MW - 9	06/14/06	3.1300	<0.1	0.361	<0.1	
MW - 9	09/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 9	12/06/06	1.5400	0.0354	0.0429	0.0406	
MW - 9	03/02/07	1.4200	<0.02	0.0712	<0.020	
MW - 9	05/24/07	1.4400	<0.01	0.0412	<0.010	
MW - 9	08/23/07	0.7570	<0.050	<0.050	<0.050	
MW - 9	11/08/07	1.1000	<0.020	<0.020	<0.020	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 9	03/04/08	0.8620	<0.010	0.0222	<0.010	
MW - 9	06/11/08	0.7480	<0.005	0.0559	<0.005	
MW - 9	09/10/08	0.4550	<0.005	0.0139	<0.005	
MW - 9	12/11/08	0.0722	<0.010	<0.010	<0.010	
MW - 9	02/27/09	0.1660	<0.010	<0.010	<0.010	
MW - 9	05/22/09	0.0610	<0.005	<0.005	<0.005	
MW - 9	08/18/09	0.2070	>0.0100	>0.0100	>0.0100	
MW - 9	12/10/09	0.0551	<0.005	0.0113	<0.005	
MW - 9	02/22/10	0.1670	<0.005	0.306	0.277	
MW - 9	06/03/10	0.2230	<0.005	0.0367	<0.005	
MW - 9	08/26/10	0.0989	<0.001	0.0059	<0.001	
MW - 9	12/01/10	0.0408	<0.001	<0.001	<0.001	
MW - 9	03/09/11	0.0375	<0.001	0.0597	0.0565	
MW - 9	05/26/11	0.3580	<0.005	0.068	0.0818	
MW - 9	08/19/11	0.3820	<0.005	<0.005	<0.005	
MW - 9	11/15/11	0.9240	<0.005	0.0345	<0.005	
MW - 9	02/29/12	0.3810	<0.005	<0.005	<0.005	
MW - 9	05/02/12	0.7730	<0.005	0.119	<0.005	
MW - 9	08/10/12	0.1330	<0.001	<0.001	<0.003	
MW - 9	11/27/12	0.0994	<0.001	<0.001	<0.001	
MW - 9	02/22/13	0.0298	<0.00100	<0.00100	<0.00100	
MW - 9	05/15/13	0.0256	<0.00100	<0.00100	<0.00100	
MW - 9	08/21/13	0.00860	<0.00100	<0.00100	<0.00100	
MW - 9	11/11/13	0.00400	<0.00100	<0.00100	<0.00300	
MW - 9	02/20/14	0.0175	<0.00100	<0.00100	<0.00300	
MW - 9	05/20/14	0.0453	<0.00100	<0.00100	<0.00300	
MW - 9	08/19/14	0.0428	<0.00100	<0.00100	<0.00100	
MW - 9	11/26/14	0.168	<0.00100	0.0368	<0.00100	
MW - 9	02/10/15	0.0163	<0.00100	<0.00100	<0.00100	
MW - 9	05/20/15	0.0400	<0.00100	0.0108	0.00320	
MW - 9	08/13/15	0.133	<0.00100	0.0222	0.00960	
MW - 9	11/11/15	0.0512	<0.00100	0.00830	0.00660	
MW - 9	02/02/16	0.0543	<0.00100	0.01210	<0.00100	
MW - 9	05/11/16	0.00140	<0.00100	<0.00100	<0.00100	
MW - 9	08/09/16	0.112	<0.00100	0.0207	0.00870	
MW - 9	11/16/16	0.0749	<0.00100	0.00670	0.00130	
MW - 9	02/22/17	0.191	<0.00200	0.0287	0.00425	
MW - 9	05/17/17	0.0647	<0.00200	0.0136	<0.00400	
MW - 9	08/26/17	0.0468	<0.00200	0.00230	<0.00400	
MW - 9	11/29/17	0.820	<0.00200	0.0745	<0.00400	
MW - 9	02/14/18	0.231	<0.00100	0.0427	<0.00200	
MW - 9	05/17/18	0.0786	<0.00200	0.0199	<0.00400	
MW - 9	08/16/18	0.196	<0.0100	0.0233	<0.0200	
MW - 9	11/29/18	0.384	<0.0100	0.0938	<0.0200	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 9	02/21/19	0.352	<0.00100	0.0790	0.00380	
MW - 9	05/30/19	0.536	<0.00500	0.0200	<0.0100	
MW - 9	08/28/19	0.150	<0.00100	0.00664	<0.00200	
MW - 9	10/31/19	0.280	<0.00100	0.0601	<0.00200	
MW - 9	03/18/20	0.277	0.00135	0.0383	<0.00200	
MW - 9	06/09/20	0.236	0.00418	0.0681	0.06022	
MW - 9	08/26/20	0.272	0.00254	0.0762	0.05762	
MW - 9	12/18/20	0.281	0.00130	0.0141	<0.00200	
MW - 9	03/24/21	0.546	0.00255	0.0450	<0.00200	
MW - 9	06/23/21	0.374	0.00152	0.00192	0.04205	
MW - 9	09/10/21	0.425	0.00260	0.199	0.20814	
MW - 9	12/15/21	0.221	<0.00100	0.0123	<0.00200	
MW - 10	08/19/99	0.0400	0.007	0.006	0.006	0.003
MW - 10	12/08/99	0.0480	0.022	0.021	0.013	0.008
MW - 10	03/24/00	0.0220	0.004	0.005	0.004	0.002
MW - 10	06/14/00	0.0120	0.004	0.007	0.002	0.002
MW - 10	09/22/00	0.0260	0.005	0.016	0.006	0.005
MW - 10	12/28/00	0.0180	0.003	0.015	0.002	0.002
MW - 10	03/14/01	0.0110	0.004	0.013	0.002	0.002
MW - 10	06/06/01	0.0220	<0.001	0.016	0.035	
MW - 10	09/28/01	0.0070	<0.001	0.008	0.001	<0.001
MW - 10	11/17/01	0.0140	<0.001	0.007	0.002	<0.001
MW - 10	03/26/02	0.0210	<0.001	0.006	<0.001	<0.001
MW - 10	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	09/25/02	0.0020	<0.001	0.002	<0.001	<0.001
MW - 10	12/10/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 10	03/11/03	0.0070	0.003	0.001	0.001	<0.001
MW - 10	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 10	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 10	12/09/04	0.0016	<0.001	<0.001	<0.001	
MW - 10	03/17/05	Not Sampled on Current Sample Schedule				
MW - 10	06/15/05	0.0622	<0.005	0.0132	0.0175	
MW - 10	09/15/05	Not Sampled on Current Sample Schedule				
MW - 10	12/13/05	0.0149	<0.005	0.0561	0.0071	
MW - 10	03/15/06	Not Sampled on Current Sample Schedule				
MW - 10	06/14/06	0.0014	<0.001	0.0057	<0.001	
MW - 10	09/13/06	<0.001	<0.001	<0.001	<0.001	
MW - 10	12/06/06	<0.001	<0.001	<0.001	<0.001	
MW - 10	03/01/07	<0.001	<0.001	<0.001	<0.001	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 10	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 10	08/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 10	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 10	03/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 10	06/11/08	0.0031	<0.001	<0.001	<0.001	
MW - 10	09/10/08	0.0012	<0.001	<0.001	<0.001	
MW - 10	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 10	02/26/09	<0.001	<0.001	<0.001	<0.001	
MW - 10	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 10	08/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 10	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 10	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 10	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 10	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 10	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 10	03/09/11	0.0174	<0.001	<0.001	<0.001	
MW - 10	05/26/11	0.0134	<0.001	<0.001	<0.001	
MW - 10	08/19/11	0.0066	<0.001	<0.001	<0.001	
MW - 10	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 10	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 10	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 10	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 10	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 10	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	05/15/13	0.00200	<0.00100	<0.00100	<0.00100	
MW - 10	08/21/13	<0.00100	<0.00100	<0.00100	0.00120	
MW - 10	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 10	02/20/14	0.00300	<0.00100	0.00390	<0.00300	
MW - 10	05/20/14	0.00540	<0.00100	0.0107	<0.00300	
MW - 10	08/19/14	0.00840	<0.00100	0.0189	<0.00100	
MW - 10	11/26/14	0.0140	<0.00100	0.0208	<0.00100	
MW - 10	02/10/15	0.00660	<0.00100	0.0404	<0.00100	
MW - 10	05/20/15	0.00390	<0.00100	0.0399	<0.00100	
MW - 10	08/13/15	0.00150	<0.00100	0.0364	<0.00100	
MW - 10	11/11/15	<0.00100	<0.00100	0.128	<0.00100	
MW - 10	02/02/16	<0.00100	<0.00100	0.0103	<0.00100	
MW - 10	05/11/16	<0.00100	<0.00100	0.0720	<0.00100	
MW - 10	08/09/16	0.00110	<0.00100	0.0434	<0.00100	
MW - 10	11/16/16	<0.00100	<0.00100	0.00200	<0.00100	
MW - 10	02/21/17	<0.00200	<0.00200	0.00223	<0.00200	
MW - 10	05/16/17	<0.00200	0.00580	0.0356	<0.00400	
MW - 10	08/22/17	<0.00200	<0.00200	0.00473	<0.00400	
MW - 10	11/28/17	<0.00200	<0.00200	0.00543	<0.00400	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 10	02/13/18	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	05/16/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 10	08/15/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 10	11/27/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 10	02/20/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	05/29/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	08/27/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	10/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	03/17/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	06/09/20	<0.000500	<0.00100	<0.00100	<0.00200	
MW - 10	08/26/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	12/17/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	03/23/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	06/23/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	09/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11	08/20/99	1.7630	<0.010	<0.010	<0.010	<0.010
MW - 11	12/08/99	2.9400	<0.010	<0.010	<0.010	<0.010
MW - 11	03/24/00	1.4000	<0.025	<0.025	<0.025	<0.025
MW - 11	06/14/00	0.7240	0.002	0.001	<0.001	<0.001
MW - 11	09/22/00	1.9700	<0.100	<0.100	<0.100	<0.100
MW - 11	12/28/00	0.2500	<0.001	<0.001	<0.001	<0.001
MW - 11	03/14/01	0.1050	<0.001	<0.001	<0.001	<0.001
MW - 11	06/06/01	0.0730	<0.001	0.013	0.035	
MW - 11	09/28/01	0.0130	<0.001	0.001	<0.001	<0.001
MW - 11	11/17/01	0.0320	<0.001	0.007	<0.001	<0.001
MW - 11	03/26/02	0.0130	0.001	0.004	<0.001	<0.001
MW - 11	06/26/02	0.0010	<0.001	0.004	<0.001	<0.001
MW - 11	09/25/02	0.0010	<0.001	0.004	<0.001	<0.001
MW - 11	12/10/02	<0.001	<0.001	0.002	<0.001	<0.001
MW - 11	03/11/03	0.0080	0.003	0.002	0.002	<0.001
MW - 11	06/10/03	<0.001	<0.001	0.001	<0.001	<0.001
MW - 11	09/03/03	0.0010	<0.001	0.003	<0.001	<0.001
MW - 11	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 11	03/01/04	0.0220	<0.001	0.024	<0.002	<0.001
MW - 11	05/19/04	0.0555	<0.001	0.0308	<0.002	<0.001
MW - 11	08/26/04	0.1560	<0.001	0.0467	0.00308	<0.001
MW - 11	12/09/04	0.2520	<0.001	0.075	<0.001	
MW - 11	03/17/05	0.3700	<0.005	0.139	0.0077	
MW - 11	06/15/05	0.5940	<0.01	0.188	<0.01	
MW - 11	09/14/05	1.0200	<0.02	0.422	0.0303	
MW - 11	12/14/05	0.8200	<0.02	0.356	0.0267	
MW - 11	03/15/06	0.8790	<0.02	0.401	<0.02	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 11	06/14/06	1.1300	<0.02	0.425	0.0505	
MW - 11	09/14/06	0.7330	<0.02	0.222	<0.02	
MW - 11	12/06/06	0.6720	<0.01	0.161	0.0294	
MW - 11	03/01/07	0.9710	<0.01	0.422	0.0691	
MW - 11	05/24/07	1.4500	<0.001	0.487	0.0873	
MW - 11	08/23/07	1.2600	<0.02	0.44	0.0773	
MW - 11	11/08/07	1.3400	<0.01	0.347	0.0762	
MW - 11	03/04/08	1.7400	<0.01	0.537	0.103	
MW - 11	06/11/08	1.4300	<0.010	0.307	0.0624	
MW - 11	09/10/08	1.9700	0.0425	0.539	0.26	
MW - 11	12/11/08	2.1100	<0.010	0.537	0.0996	
MW - 11	02/26/09	Not Sampled				
MW - 11	05/22/09	2.4500	<0.001	0.499	0.176	
MW - 11	08/18/09	2.4700	<0.050	0.522	0.342	
MW - 11	12/10/09	3.4300	<0.050	0.665	<0.050	
MW - 11	02/22/10	3.2400	<0.050	0.66	<0.050	
MW - 11	06/03/10	3.4700	<0.050	0.676	<0.050	
MW - 11	08/26/10	4.4200	<0.0500	0.654	0.153	
MW - 11	12/01/10	4.5700	<0.0500	1.01	0.51	
MW - 11	03/09/11	5.1500	<0.0500	1.43	1.26	
MW - 11	05/26/11	5.7100	<0.0500	1.3	1.19	
MW - 11	08/19/11	Not Sampled Due to PSH in Well				
MW - 11	11/15/11	Not Sampled Due to PSH in Well				
MW - 11	02/29/12	Not Sampled Due to PSH in Well				
MW - 11	05/02/12	Not Sampled Due to PSH in Well				
MW - 11	08/10/12	Not Sampled Due to PSH in Well				
MW - 11	11/27/12	Not Sampled Due to PSH in Well				
MW - 11	02/22/13	Not Sampled Due to PSH in Well				
MW - 11	05/15/13	Not Sampled Due to PSH in Well				
MW - 11	08/21/13	Not Sampled Due to PSH in Well				
MW - 11	11/11/13	Not Sampled Due to PSH in Well				
MW - 11	02/20/14	Not Sampled Due to PSH in Well				
MW - 11	05/20/14	Not Sampled Due to PSH in Well				
MW - 11	08/19/14	Not Sampled Due to PSH in Well				
MW - 11	11/26/14	Not Sampled Due to PSH in Well				
MW - 11	02/10/15	Not Sampled Due to PSH in Well				
MW - 11	05/20/15	Not Sampled Due to PSH in Well				
MW - 11	08/13/15	Not Sampled Due to PSH in Well				
MW - 11	11/10/15	Not Sampled Due to PSH in Well				
MW - 11	02/02/16	Not Sampled Due to PSH in Well				
MW - 11	05/11/16	Not Sampled Due to PSH in Well				
MW - 11	08/09/16	Not Sampled Due to PSH in Well				
MW - 11	11/16/16	Not Sampled Due to PSH in Well				
MW - 11	02/22/17	Not Sampled Due to PSH in Well				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 11	05/17/17	Not Sampled Due to PSH in Well				
MW - 11	08/23/17	Not Sampled Due to PSH in Well				
MW - 11	11/29/17	Not Sampled Due to PSH in Well				
MW - 11	02/13/18	Not Sampled Due to PSH in Well				
MW - 11	05/16/18	Not Sampled Due to PSH in Well				
MW - 11	08/15/18	Not Sampled Due to PSH in Well				
MW - 11	11/27/18	Not Sampled Due to PSH in Well				
MW - 11	02/21/19	Not Sampled Due to PSH in Well				
MW - 11	05/29/19	Not Sampled Due to PSH in Well				
MW - 11	08/27/19	Not Sampled Due to PSH in Well				
MW - 11	10/29/19	Not Sampled Due to PSH in Well				
MW - 11	03/17/20	Not Sampled Due to PSH in Well				
MW - 11	06/09/20	Not Sampled Due to PSH in Well				
MW - 11	08/26/20	Not Sampled Due to PSH in Well				
MW - 11	12/18/20	Not Sampled Due to PSH in Well				
MW - 11	03/24/21	Not Sampled Due to PSH in Well				
MW - 11	06/23/21	Not Sampled Due to PSH in Well				
MW - 11	09/10/21	Not Sampled Due to PSH in Well				
MW - 11	12/15/21	5.90	0.00439	3.45	2.198	
MW - 12	08/19/99	0.4340	0.006	0.054	0.026	0.003
MW - 12	12/08/99	0.6040	0.012	0.08	0.03	0.004
MW - 12	03/24/00	0.0120	0.002	<0.001	0.004	0.001
MW - 12	06/14/00	0.0090	<0.001	0.001	<0.001	<0.001
MW - 12	09/22/00	0.7160	0.026	0.31	0.091	0.039
MW - 12	12/28/00	0.3130	0.006	0.063	0.012	0.004
MW - 12	03/14/01	0.4240	0.013	0.037	0.016	0.004
MW - 12	06/06/01	0.4190	0.013	0.052	0.04	
MW - 12	09/28/01	0.0630	0.004	0.008	0.006	0.001
MW - 12	11/17/01	0.0500	0.003	0.006	0.004	<0.001
MW - 12	03/26/02	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 12	06/26/02	0.0210	0.002	<0.001	0.004	0.001
MW - 12	09/25/02	0.0600	0.009	0.002	0.011	0.003
MW - 12	12/09/02	0.0160	0.006	<0.001	0.008	0.003
MW - 12	03/11/03	0.0280	0.006	<0.001	0.007	0.003
MW - 12	06/10/03	0.0040	<0.001	<0.001	<0.001	<0.001
MW - 12	09/03/03	0.0910	0.007	0.018	0.029	0.006
MW - 12	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	03/01/04	0.0020	<0.001	<0.001	<0.002	<0.001
MW - 12	05/19/04	0.0125	<0.001	0.00145	<0.002	<0.001
MW - 12	08/26/04	0.0019	<0.001	<0.001	<0.002	<0.001
MW - 12	12/09/04	0.7180	<0.1	0.28	0.175	
MW - 12	03/17/05	0.3500	<0.005	0.205	0.0629	
MW - 12	06/15/05	0.3340	<0.01	0.168	0.0419	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 12	09/14/05	0.2140	<0.005	0.136	0.0501	
MW - 12	12/13/05	0.0558	<0.005	0.0444	0.0145	
MW - 12	03/15/06	0.0297	<0.005	0.0171	<0.005	
MW - 12	06/14/06	0.0123	<0.001	0.0078	0.0019	
MW - 12	09/13/06	0.0215	0.0012	0.0042	0.0026	
MW - 12	12/06/06	0.0037	<0.001	<0.001	<0.001	
MW - 12	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 12	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/23/07	0.0030	<0.001	<0.001	<0.001	
MW - 12	11/08/07	0.0065	<0.001	<0.001	0.0065	
MW - 12	03/04/08	0.0021	<0.001	<0.001	0.001	
MW - 12	06/11/08	0.0148	0.0012	<0.001	0.0026	
MW - 12	09/10/08	0.0066	0.001	<0.001	0.002	
MW - 12	12/11/08	0.0065	0.001	<0.001	0.0029	
MW - 12	02/27/09	0.0111	<0.001	<0.001	0.0237	
MW - 12	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 12	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/26/10	<0.001	<0.001	0.0096	<0.001	
MW - 12	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 12	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 12	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 12	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/29/12	0.0107	<0.001	<0.001	<0.001	
MW - 12	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 12	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	05/15/13	0.00320	<0.00100	<0.00100	0.00140	
MW - 12	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 12	02/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 12	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 12	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	05/20/15	<0.00100	<0.00100	<0.00100	0.00140	
MW - 12	08/13/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	11/11/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	02/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 12	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	11/15/16	0.00110	<0.00100	<0.00100	<0.00100	
MW - 12	02/22/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 12	05/16/17	<0.00200	<0.00200	0.00493	0.00482	
MW - 12	08/22/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 12	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 12	02/13/18	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	05/16/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 12	08/15/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 12	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 12	02/20/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	05/29/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	08/27/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	10/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	03/17/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	06/09/20	Not Sampled on Current Sample Schedule				
MW - 12	08/25/20	Not Sampled on Current Sample Schedule				
MW - 12	12/16/20	Not Sampled on Current Sample Schedule				
MW - 12	03/22/21	Not Sampled on Current Sample Schedule				
MW - 12	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	09/09/21	Not Sampled on Current Sample Schedule				
MW - 12	12/15/21	Not Sampled on Current Sample Schedule				
MW - 13	08/19/99	<0.001	<0.001	<0.001	0.001	<0.001
MW - 13	12/08/99	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 13	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	06/14/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	09/22/00	0.0010	<0.001	0.003	<0.001	<0.001
MW - 13	12/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	03/14/01	0.0020	<0.001	0.003	<0.001	<0.001
MW - 13	06/06/01	<0.001	<0.001	<0.001	<0.001	
MW - 13	09/27/01	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 13	11/17/01	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 13	03/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	09/25/02	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 13	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	03/11/03	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 13	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 13	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 13	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 13	03/17/05	Not Sampled on Current Sample Schedule				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 13	06/15/05	Not Sampled on Current Sample Schedule				
MW - 13	09/14/05	Not Sampled on Current Sample Schedule				
MW - 13	12/13/05	<0.001	<0.001	<0.001	<0.001	
MW - 13	03/15/06	Not Sampled on Current Sample Schedule				
MW - 13	06/14/06	Not Sampled on Current Sample Schedule				
MW - 13	09/13/06	Not Sampled on Current Sample Schedule				
MW - 13	12/05/06	<0.001	<0.001	<0.001	<0.001	
MW - 13	03/01/07	Not Sampled on Current Sample Schedule				
MW - 13	05/24/07	Not Sampled on Current Sample Schedule				
MW - 13	08/23/07	Not Sampled on Current Sample Schedule				
MW - 13	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 13	03/04/08	Not Sampled on Current Sample Schedule				
MW - 13	06/11/08	Not Sampled on Current Sample Schedule				
MW - 13	09/10/08	Not Sampled on Current Sample Schedule				
MW - 13	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/26/09	Not Sampled on Current Sample Schedule				
MW - 13	05/21/09	Not Sampled on Current Sample Schedule				
MW - 13	08/18/09	Not Sampled on Current Sample Schedule				
MW - 13	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/22/10	Not Sampled on Current Sample Schedule				
MW - 13	06/03/10	Not Sampled on Current Sample Schedule				
MW - 13	08/26/10	Not Sampled on Current Sample Schedule				
MW - 13	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 13	03/09/11	Not Sampled on Current Sample Schedule				
MW - 13	05/26/11	Not Sampled on Current Sample Schedule				
MW - 13	08/18/11	Not Sampled on Current Sample Schedule				
MW - 13	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/29/12	Not Sampled on Current Sample Schedule				
MW - 13	05/02/12	Not Sampled on Current Sample Schedule				
MW - 13	08/10/12	Not Sampled on Current Sample Schedule				
MW - 13	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/22/13	Not Sampled on Current Sample Schedule				
MW - 13	05/15/13	Not Sampled on Current Sample Schedule				
MW - 13	08/21/13	Not Sampled on Current Sample Schedule				
MW - 13	11/11/13	<0.00500	<0.00500	<0.00500	<0.0150	
MW - 13	02/20/14	Not Sampled on Current Sample Schedule				
MW - 13	05/20/14	Not Sampled on Current Sample Schedule				
MW - 13	08/19/14	Not Sampled on Current Sample Schedule				
MW - 13	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	02/10/15	Not Sampled on Current Sample Schedule				
MW - 13	05/20/15	Not Sampled on Current Sample Schedule				
MW - 13	08/13/15	Not Sampled on Current Sample Schedule				
MW - 13	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	02/02/16	Not Sampled on Current Sample Schedule				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 13	05/11/16	Not Sampled on Current Sample Schedule				
MW - 13	08/09/16	Not Sampled on Current Sample Schedule				
MW - 13	11/15/16	<0.00212	<0.00212	<0.00212	<0.00212	
MW - 13	02/21/17	Not Sampled on Current Sample Schedule				
MW - 13	05/16/17	Not Sampled on Current Sample Schedule				
MW - 13	08/22/17	Not Sampled on Current Sample Schedule				
MW - 13	11/27/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 13	02/13/18	Not Sampled on Current Sample Schedule				
MW - 13	05/16/18	Not Sampled on Current Sample Schedule				
MW - 13	08/15/18	Not Sampled on Current Sample Schedule				
MW - 13	11/27/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 13	02/20/19	Not Sampled on Current Sample Schedule				
MW - 13	05/29/19	Not Sampled on Current Sample Schedule				
MW - 13	08/27/19	Not Sampled on Current Sample Schedule				
MW - 13	10/29/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	03/17/20	Not Sampled on Current Sample Schedule				
MW - 13	06/09/20	Not Sampled on Current Sample Schedule				
MW - 13	08/25/20	Not Sampled on Current Sample Schedule				
MW - 13	12/17/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	03/22/21	Not Sampled on Current Sample Schedule				
MW - 13	06/22/21	Not Sampled on Current Sample Schedule				
MW - 13	09/09/21	Not Sampled on Current Sample Schedule				
MW - 13	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	08/19/99	8.030	0.21	1.31	0.68	0.364
MW - 14	12/08/99	7.970	0.022	1.18	0.459	0.233
MW - 14	03/24/00	3.470	<0.025	0.2	0.069	0.037
MW - 14	06/14/00	1.590	0.016	0.106	0.01	<0.010
MW - 14	09/22/00	3.650	<0.100	0.518	0.229	<0.100
MW - 14	12/28/00	3.970	0.003	0.392	0.239	0.015
MW - 14	03/14/01	3.920	<0.020	0.483	0.157	<0.020
MW - 14	06/06/01	5.460	<0.005	0.695	0.418	
MW - 14	09/27/01	4.890	<0.005	0.498	0.297	<0.005
MW - 14	11/17/01	7.140	0.03	0.427	0.413	0.154
MW - 14	03/26/02	2.460	<0.001	0.186	0.148	0.005
MW - 14	06/26/02	5.310	<0.001	0.495	0.381	<0.001
MW - 14	09/25/02	4.290	<0.001	0.309	0.194	<0.001
MW - 14	12/10/02	2.370	<0.002	0.123	0.097	<0.001
MW - 14	03/11/03	2.220	<0.001	0.108	0.136	0.006
MW - 14	06/10/03	3.800	<0.001	0.180	0.176	<0.001
MW - 14	09/03/03	2.620	<0.001	0.113	0.051	<0.001
MW - 14	12/08/03	0.922	0.057	0.194	0.095	0.047
MW - 14	03/01/04	3.410	<0.001	0.160	0.051	<0.001
MW - 14	05/19/04	3.020	<0.001	0.096	0.0117	<0.001

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 14	08/26/04	3.590	<0.001	0.176	0.0241	<0.001
MW - 14	12/09/04	4.650	<0.200	<0.2	<0.200	
MW - 14	03/17/05	5.240	<0.050	1.000	0.077	
MW - 14	06/15/05	3.900	<0.100	0.368	<0.100	
MW - 14	09/15/05	4.710	<0.100	0.993	<0.100	
MW - 14	12/13/05	3.910	<0.100	0.943	<0.100	
MW - 14	03/15/06	3.660	<0.200	0.960	<0.200	
MW - 14	06/14/06	4.500	<0.200	1.040	<0.200	
MW - 14	09/14/06	4.960	<0.100	1.210	<0.100	
MW - 14	12/06/06	3.960	<0.020	1.010	<0.020	
MW - 14	03/02/07	0.0474	<0.001	0.013	<0.001	
MW - 14	05/24/07	5.850	<0.020	0.890	<0.020	
MW - 14	08/23/07	5.660	<0.100	1.060	<0.100	
MW - 14	11/08/07	7.310	<0.200	0.875	<0.200	
MW - 14	03/04/08	7.350	<0.050	0.712	<0.050	
MW - 14	06/11/08	5.870	<0.050	0.513	<0.050	
MW - 14	09/10/08	6.900	<0.050	0.375	<0.050	
MW - 14	12/11/08	5.930	<0.050	0.382	<0.050	
MW - 14	02/26/09	Well Not Sampled				
MW - 14	05/22/09	5.110	<0.005	0.286	<0.005	
MW - 14	08/18/09	3.500	<0.050	0.236	<0.050	
MW - 14	12/10/09	5.400	<0.050	0.277	<0.050	
MW - 14	02/22/10	5.560	<0.050	0.224	<0.050	
MW - 14	06/03/10	5.380	<0.050	0.159	<0.050	
MW - 14	08/26/10	6.140	<0.050	<0.0500	<0.050	
MW - 14	12/01/10	6.460	<0.050	0.362	<0.050	
MW - 14	03/09/11	6.360	<0.050	0.671	<0.050	
MW - 14	05/26/11	6.680	<0.050	0.456	<0.050	
MW - 14	08/19/11	6.080	<0.050	<0.050	<0.050	
MW - 14	11/15/11	4.280	<0.050	<0.050	<0.050	
MW - 14	02/29/12	3.710	<0.050	<0.050	<0.050	
MW - 14	05/02/12	3.830	<0.050	0.581	<0.050	
MW - 14	08/10/12	6.400	<0.100	<0.100	<0.300	
MW - 14	11/27/12	2.590	<0.05	<0.05	<0.05	
MW - 14	02/22/13	2.53	<0.0200	0.200	<0.0200	
MW - 14	05/15/13	2.41	<0.0100	0.154	<0.0100	
MW - 14	08/21/13	2.20	<0.0500	<0.0500	<0.0500	
MW - 14	11/11/13	2.34	<0.0500	<0.0500	<0.0500	
MW - 14	02/20/14	2.60	<0.0500	<0.0500	<0.150	
MW - 14	05/20/14	1.58	<0.100	<0.100	<0.300	
MW - 14	08/19/14	2.34	<0.0500	<0.0500	<0.0500	
MW - 14	11/26/14	2.37	<0.100	<0.100	<0.100	
MW - 14	02/10/15	2.42	<0.100	<0.100	<0.100	
MW - 14	05/20/15	2.19	<0.0500	<0.0500	<0.0500	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 14	08/13/15	2.39	<0.0500	<0.0500	<0.0500	
MW - 14	11/11/15	2.05	<0.0500	<0.0500	<0.0500	
MW - 14	02/02/16	1.85	<0.0500	<0.0500	<0.0500	
MW - 14	05/11/16	2.10	<0.0500	<0.0500	<0.0500	
MW - 14	08/09/16	1.23	<0.0100	0.0528	<0.0100	
MW - 14	11/16/16	1.47	<0.0100	<0.0100	<0.0100	
MW - 14	02/22/17	1.90	<0.0200	<0.0200	<0.0200	
MW - 14	05/17/17	1.91	<0.00200	0.0179	<0.00400	
MW - 14	08/23/17	2.02	<0.00200	0.00601	<0.00400	
MW - 14	11/29/17	0.0665	<0.00200	<0.00200	<0.00400	
MW - 14	02/21/18	0.0692	<0.00200	<0.00200	<0.00400	
MW - 14	05/17/18	0.851	<0.00200	0.00350	<0.00400	
MW - 14	08/16/18	0.382	<0.0100	<0.00500	0.0118	
MW - 14	11/29/18	0.285	<0.0100	0.0107	<0.0200	
MW - 14	02/21/19	0.266	<0.00100	0.00495	0.01344	
MW - 14	05/30/19	0.402	<0.00500	<0.00500	<0.0100	
MW - 14	08/28/19	0.107	<0.00100	<0.00100	<0.00200	
MW - 14	10/31/19	0.191	<0.00100	<0.00100	0.00545	
MW - 14	03/18/20	0.204	<0.00100	0.00895	<0.00200	
MW - 14	06/09/20	0.111	0.00418	0.0181	0.00904	
MW - 14	08/26/20	0.0723	0.00203	<0.00100	0.00191	
MW - 14	12/18/20	0.0295	0.00142	<0.00100	<0.00200	
MW - 14	03/24/21	0.0341	0.00102	<0.00100	<0.00200	
MW - 14	06/23/21	0.0131	0.00170	0.00448	0.00200	
MW - 14	09/10/21	0.00313	0.00224	0.00358	0.00626	
MW - 14	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	08/19/99	0.0310	<0.001	0.001	<0.001	<0.001
MW - 15	12/08/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	03/24/00	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 15	06/14/00	0.0060	<0.001	<0.001	<0.001	<0.001
MW - 15	09/22/00	0.0110	<0.001	0.002	<0.001	<0.001
MW - 15	12/28/00	0.0280	<0.001	<0.001	<0.001	<0.001
MW - 15	03/14/01	0.0230	<0.001	0.003	<0.001	<0.001
MW - 15	06/06/01	0.0210	<0.001	<0.001	<0.001	
MW - 15	09/27/01	0.0080	<0.001	<0.001	<0.001	<0.001
MW - 15	11/17/01	0.0400	<0.001	0.003	0.001	<0.001
MW - 15	03/26/02	0.0060	<0.001	<0.001	<0.001	<0.001
MW - 15	06/26/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 15	09/25/02	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 15	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	03/11/03	0.0040	<0.001	<0.001	<0.001	<0.001
MW - 15	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 15	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 15	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 15	05/19/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 15	08/26/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 15	12/09/04	0.0027	<0.001	<0.001	<0.001	
MW - 15	03/17/05	<0.001	<0.001	<0.001	<0.001	
MW - 15	06/15/05	<0.001	<0.001	<0.001	<0.001	
MW - 15	09/14/05	<0.001	<0.001	<0.001	<0.001	
MW - 15	12/14/05	<0.005	<0.005	<0.005	<0.005	
MW - 15	03/15/06	<0.005	<0.005	<0.005	<0.005	
MW - 15	06/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 15	09/13/06	<0.001	<0.001	<0.001	<0.001	
MW - 15	12/05/06	<0.001	<0.001	<0.001	<0.001	
MW - 15	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 15	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 15	08/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 15	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 15	03/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 15	06/10/08	<0.001	<0.001	<0.001	<0.001	
MW - 15	09/10/08	Not Sampled on Current Sample Schedule				
MW - 15	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/26/09	<0.001	<0.001	<0.001	<0.001	
MW - 15	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 15	08/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 15	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 15	06/03/10	0.0021	<0.001	<0.001	<0.001	
MW - 15	08/26/10	0.0034	<0.001	<0.001	<0.001	
MW - 15	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 15	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 15	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 15	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 15	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 15	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 15	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 15	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	05/15/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	08/21/13	0.00330	0.0103	0.00320	0.0213	
MW - 15	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 15	02/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 15	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 15	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 15	11/26/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	05/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	08/13/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	11/11/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	02/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	11/16/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	02/21/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 15	05/16/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 15	08/22/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 15	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 15	02/13/18	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	05/16/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 15	08/15/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 15	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 15	02/20/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	05/29/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	08/27/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	10/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	03/17/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	06/09/20	Not Sampled on Current Sample Schedule				
MW - 15	08/25/20	Not Sampled on Current Sample Schedule				
MW - 15	12/16/20	Not Sampled on Current Sample Schedule				
MW - 15	03/22/21	Not Sampled on Current Sample Schedule				
MW - 15	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	09/09/21	Not Sampled on Current Sample Schedule				
MW - 15	12/15/21	Not Sampled on Current Sample Schedule				
MW - 16	08/19/99	0.0650	0.004	0.002	0.002	<0.001
MW - 16	12/08/99	0.0550	0.025	0.005	0.005	0.002
MW - 16	03/24/00	0.1080	0.028	0.005	0.005	0.002
MW - 16	06/14/00	0.0170	0.002	<0.001	0.001	<0.001
MW - 16	09/22/00	0.0360	0.003	<0.001	<0.001	<0.001
MW - 16	12/28/00	0.0430	0.032	0.007	0.004	0.002
MW - 16	03/14/01	0.0570	0.036	0.015	0.006	0.002
MW - 16	06/06/01	0.0440	0.016	0.017	0.035	
MW - 16	09/27/01	0.0440	0.027	0.012	0.005	0.002
MW - 16	11/17/01	0.0390	0.025	0.015	0.008	0.004
MW - 16	03/26/02	0.0210	0.004	0.004	0.002	<0.001
MW - 16	06/26/02	0.1050	0.02	0.028	0.004	0.002
MW - 16	09/25/02	0.2010	0.072	0.03	0.013	0.005
MW - 16	12/10/02	0.0490	0.026	0.016	0.005	0.002

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 16	03/11/03	0.1820	0.149	0.036	0.028	0.014
MW - 16	06/10/03	0.1860	0.007	0.117	0.016	0.007
MW - 16	09/03/03	0.2590	0.065	0.109	0.034	0.012
MW - 16	12/08/03	0.0420	0.003	0.009	0.002	0.001
MW - 16	03/01/04	0.0750	0.001	0.075	0.013	0.002
MW - 16	05/19/04	0.0807	0.0109	0.0687	0.0141	0.00263
MW - 16	08/26/04	0.1890	0.0047	0.046	0.0134	<0.001
MW - 16	12/09/04	0.0680	0.0046	0.0354	<0.001	
MW - 16	03/17/05	0.0911	0.0388	0.0355	0.0118	
MW - 16	06/15/05	0.1740	0.0372	0.106	0.0268	
MW - 16	09/15/05	0.1420	<0.1	<0.1	<0.1	
MW - 16	12/13/05	0.2610	0.177	0.0809	0.0369	
MW - 16	03/15/06	0.1930	0.113	0.065	0.0347	
MW - 16	06/14/06	0.1060	0.0713	0.0304	0.0201	
MW - 16	09/13/06	0.0964	0.0842	0.0267	0.0202	
MW - 16	12/06/06	0.0250	<0.001	0.0063	0.0013	
MW - 16	03/01/07	0.0105	0.0106	0.0028	0.0045	
MW - 16	05/24/07	0.0165	0.0088	0.0028	0.0032	
MW - 16	08/23/07	0.0439	0.0254	0.0064	0.0084	
MW - 16	11/08/07	0.0862	0.0737	0.0123	0.0173	
MW - 16	03/04/08	0.0209	0.0193	0.0051	0.008	
MW - 16	06/11/08	0.0605	0.0476	0.0129	0.0183	
MW - 16	09/10/08	0.0278	0.0248	0.0071	0.0093	
MW - 16	12/11/08	0.0427	0.0494	0.0108	0.0168	
MW - 16	02/27/09	0.0481	0.0666	0.018	0.0379	
MW - 16	05/21/09	0.0432	0.0509	0.0101	0.0219	
MW - 16	08/18/09	0.0063	0.0057	<0.001	0.0067	
MW - 16	12/10/09	0.0033	0.0022	0.0027	<0.001	
MW - 16	02/22/10	0.0283	0.324	0.0068	0.0125	
MW - 16	06/03/10	0.0053	0.0065	<0.001	0.0031	
MW - 16	08/26/10	0.0035	0.0018	<0.001	<0.001	
MW - 16	12/01/10	0.0076	0.0097	0.0038	0.0091	
MW - 16	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 16	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 16	08/18/11	0.0049	<0.001	<0.001	<0.001	
MW - 16	11/15/11	0.0059	0.0054	<0.001	0.0026	
MW - 16	02/29/12	0.0203	0.0261	<0.001	0.025	
MW - 16	05/02/12	0.0284	0.036	0.01	0.0197	
MW - 16	08/10/12	0.0070	0.0071	0.0058	0.0131	
MW - 16	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	05/15/13	0.0156	0.0256	0.00560	0.00950	
MW - 16	08/21/13	0.0167	0.0190	0.00180	0.00330	
MW - 16	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 16	02/26/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 16	05/20/14	0.00140	0.00170	<0.00100	<0.00300	
MW - 16	08/19/14	0.181	0.221	0.0390	0.0649	
MW - 16*	09/09/14	0.0655	0.0815	0.0145	0.0258	
MW - 16	11/26/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	05/20/15	<0.00100	0.00130	<0.00100	<0.00100	
MW - 16	08/13/15	0.0110	0.0142	0.00310	0.00590	
MW - 16	11/11/15	0.0020	0.00210	<0.00100	<0.00100	
MW - 16	02/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	05/11/16	0.00590	0.00620	0.00150	0.00160	
MW - 16	08/09/16	0.00190	0.00280	0.00120	0.00120	
MW - 16	11/16/16	0.0125	0.00390	<0.00100	0.00260	
MW - 16	02/22/17	0.00504	0.00670	<0.00200	0.00269	
MW - 16	05/17/17	0.00546	0.00725	<0.00200	<0.00400	
MW - 16	08/23/17	0.00667	0.00803	0.00298	0.00579	
MW - 16	11/29/17	0.00753	0.00427	0.00245	<0.00400	
MW - 16	02/14/18	0.00510	0.00130	<0.00100	<0.00200	
MW - 16	06/14/18	0.00663	<0.0100	<0.00500	<0.0200	
MW - 16	08/16/18	0.00497	<0.0100	<0.00500	<0.0200	
MW - 16	02/20/19	DRY				
MW - 16	05/29/19	DRY				
MW - 16	08/27/19	DRY				
MW - 16	10/29/19	DRY				
MW - 16	03/17/20	DRY				
MW - 16	06/09/20	DRY				
MW - 16	08/26/20	DRY				
MW - 16	12/18/20	DRY				
MW - 16	03/24/21	DRY				
MW - 16	06/23/21	DRY				
MW - 16	09/09/21	DRY				
MW - 16	12/15/21	DRY				
MW - 17	08/19/99	0.0100	0.016	0.008	<0.001	0.004
MW - 17	12/08/99	0.0660	0.068	0.027	0.019	0.009
MW - 17	03/24/00	0.0550	0.063	0.023	0.017	0.007
MW - 17	06/14/00	0.0190	0.023	0.011	0.007	0.004
MW - 17	09/22/00	0.0580	0.059	0.029	0.014	0.006
MW - 17	12/28/00	0.0650	0.08	0.024	0.014	0.007
MW - 17	03/14/01	0.0450	0.057	0.023	0.013	0.006
MW - 17	06/06/01	0.0960	0.058	0.0282	0.042	
MW - 17	09/27/01	0.0640	0.09	0.05	0.029	0.014
MW - 17	11/17/01	0.0260	0.041	0.023	0.013	0.006
MW - 17	03/26/02	0.0120	0.022	0.012	0.008	0.003

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 17	06/26/02	0.0160	0.021	0.014	0.007	0.004
MW - 17	09/25/02	0.0380	0.039	0.025	0.014	0.005
MW - 17	12/10/02	0.0080	0.013	0.008	0.005	0.003
MW - 17	03/11/03	0.0220	0.027	0.013	0.010	0.006
MW - 17	06/10/03	0.0030	0.003	0.002	0.001	<0.001
MW - 17	09/03/03	0.0080	0.004	0.003	0.002	<0.001
MW - 17	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 17	03/01/04	0.0050	0.005	0.003	0.003	0.001
MW - 17	05/19/04	0.0037	0.00431	0.00244	<0.002	<0.001
MW - 17	08/26/04	0.0023	0.00108	<0.001	<0.002	<0.001
MW - 17	12/09/04	0.0052	0.0025	0.0011	0.0017	
MW - 17	03/17/05	0.0051	0.002	0.0013	0.0017	
MW - 17	06/15/05	0.0195	0.0148	0.0063	0.0093	
MW - 17	09/14/05	0.0170	0.014	0.0076	0.0123	
MW - 17	12/13/05	0.0194	0.019	0.0086	0.0115	
MW - 17	03/15/06	0.0196	0.0158	0.0077	0.0131	
MW - 17	06/14/06	0.0224	0.0148	0.0072	0.0137	
MW - 17	09/13/06	0.0108	0.0068	0.0029	0.0064	
MW - 17	12/06/06	0.0086	0.0047	0.002	0.0048	
MW - 17	03/01/07	0.0054	0.0043	0.0022	0.0067	
MW - 17	05/24/07	<0.001	0.0046	<0.001	0.0067	
MW - 17	08/23/07	0.0089	0.0027	0.0017	0.0034	
MW - 17	11/08/07	0.0027	<0.001	<0.001	0.0014	
MW - 17	03/04/08	0.0041	0.0026	0.0011	0.0044	
MW - 17	06/11/08	0.0384	0.0077	0.0018	0.0105	
MW - 17	09/10/08	0.0214	0.0075	0.0065	0.0081	
MW - 17	12/11/08	0.0057	<0.001	<0.001	0.0038	
MW - 17	02/26/09	0.0173	0.0119	0.0092	0.0258	
MW - 17	05/21/09	0.0053	<0.001	<0.001	<0.001	
MW - 17	08/18/09	0.0035	<0.001	<0.001	0.0064	
MW - 17	12/10/09	0.0015	<0.001	<0.001	<0.001	
MW - 17	02/22/10	0.0143	<0.001	<0.001	0.0056	
MW - 17	06/03/10	0.0062	0.0019	<0.001	<0.001	
MW - 17	08/26/10	0.0036	0.0011	<0.001	0.0017	
MW - 17	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 17	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 17	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 17	08/18/11	0.0053	<0.001	<0.001	<0.001	
MW - 17	11/15/11	0.0108	<0.001	<0.001	0.0029	
MW - 17	02/29/12	0.0112	<0.001	<0.001	<0.001	
MW - 17	05/02/12	0.0091	<0.001	<0.001	<0.001	
MW - 17	08/10/12	0.0089	<0.001	<0.001	<0.003	
MW - 17	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 17	05/16/13	0.00470	0.00230	<0.00100	0.00350	
MW - 17	08/21/13	0.00220	<0.00100	<0.00100	0.00190	
MW - 17	11/11/13	0.00270	<0.00100	<0.00100	<0.00300	
MW - 17	02/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 17	05/20/14	0.0122	<0.00100	<0.00100	<0.00300	
MW - 17	08/19/14	0.0114	0.00420	0.00130	0.00940	
MW - 17	11/26/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	05/20/15	0.00150	<0.00100	<0.00100	0.00200	
MW - 17	08/13/15	0.00110	<0.00100	<0.00100	0.00250	
MW - 17	11/11/15	0.00220	<0.00100	<0.00100	<0.00100	
MW - 17	02/02/16	0.00230	<0.00100	<0.00100	0.00210	
MW - 17	05/11/16	0.00100	<0.00100	<0.00100	0.00140	
MW - 17	08/09/16	0.00450	0.00100	<0.00100	0.00250	
MW - 17	11/16/16	0.00340	0.00100	<0.00100	0.00270	
MW - 17	02/22/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 17	05/16/17	0.00456	<0.00200	<0.00200	<0.00400	
MW - 17	08/22/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 17	11/29/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 17	02/14/18	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	05/16/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 17	08/16/18	0.00188	<0.0100	<0.00500	<0.0200	
MW - 17	11/28/18	0.00122	<0.0100	<0.00500	<0.0200	
MW - 17	02/21/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	05/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	08/28/19	0.00116	<0.00100	<0.00100	<0.00200	
MW - 17	10/31/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	03/18/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	06/09/20	Not Sampled on Current Sample Schedule				
MW - 17	08/25/20	Not Sampled on Current Sample Schedule				
MW - 17	12/16/20	Not Sampled on Current Sample Schedule				
MW - 17	03/22/21	Not Sampled on Current Sample Schedule				
MW - 17	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	09/09/21	Not Sampled on Current Sample Schedule				
MW - 17	12/15/21	Not Sampled on Current Sample Schedule				
MW - 18	08/19/99	<0.001	<0.001	0.001	<0.001	<0.001
MW - 18	12/08/99	0.0040	<0.001	0.002	0.002	<0.001
MW - 18	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	06/14/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	09/22/00	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 18	12/28/00	0.0070	<0.001	0.002	0.001	<0.001
MW - 18	03/14/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	06/06/01	0.0050	<0.001	<0.001	<0.001	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 18	09/27/01	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 18	11/17/01	0.0030	<0.001	0.002	0.001	<0.001
MW - 18	03/26/02	0.0040	<0.001	0.001	<0.001	<0.001
MW - 18	06/26/02	0.0010	<0.001	0.001	<0.001	<0.001
MW - 18	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	03/11/03	0.0020	0.001	<0.001	<0.001	<0.001
MW - 18	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 18	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 18	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 18	03/17/05	Not Sampled on Current Sample Schedule				
MW - 18	06/15/05	<0.001	<0.001	<0.001	<0.001	
MW - 18	09/14/05	Not Sampled on Current Sample Schedule				
MW - 18	12/13/05	<0.005	<0.005	<0.005	<0.005	
MW - 18	03/15/06	Not Sampled on Current Sample Schedule				
MW - 18	06/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 18	09/13/06	Not Sampled on Current Sample Schedule				
MW - 18	12/05/06	<0.001	<0.001	<0.001	<0.001	
MW - 18	03/01/07	Not Sampled on Current Sample Schedule				
MW - 18	06/21/08	<0.001	<0.001	<0.001	<0.001	
MW - 18	08/23/07	Not Sampled on Current Sample Schedule				
MW - 18	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 18	03/04/08	Not Sampled on Current Sample Schedule				
MW - 18	06/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 18	09/10/08	Not Sampled on Current Sample Schedule				
MW - 18	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/26/09	Not Sampled on Current Sample Schedule				
MW - 18	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 18	08/18/09	Not Sampled on Current Sample Schedule				
MW - 18	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/22/10	Not Sampled on Current Sample Schedule				
MW - 18	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 18	08/26/10	Not Sampled on Current Sample Schedule				
MW - 18	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 18	03/09/11	Not Sampled on Current Sample Schedule				
MW - 18	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 18	08/18/11	Not Sampled on Current Sample Schedule				
MW - 18	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/29/12	Not Sampled on Current Sample Schedule				
MW - 18	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 18	08/10/12	Not Sampled on Current Sample Schedule				
MW - 18	11/27/12	<0.001	<0.001	<0.001	<0.001	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 18	02/22/13	Not Sampled on Current Sample Schedule				
MW - 18	05/16/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	08/21/13	Not Sampled on Current Sample Schedule				
MW - 18	11/11/13	<0.00500	<0.00500	<0.00500	<0.0150	
MW - 18	02/19/14	Not Sampled on Current Sample Schedule				
MW - 18	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 18	08/28/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	02/10/15	Not Sampled on Current Sample Schedule				
MW - 18	05/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	08/13/15	Not Sampled on Current Sample Schedule				
MW - 18	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	02/02/16	Not Sampled on Current Sample Schedule				
MW - 18	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	08/09/16	Not Sampled on Current Sample Schedule				
MW - 18	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	02/21/17	Not Sampled on Current Sample Schedule				
MW - 18	05/16/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 18	08/22/17	Not Sampled on Current Sample Schedule				
MW - 18	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 18	02/14/18	Not Sampled on Current Sample Schedule				
MW - 18	05/16/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 18	08/15/18	Not Sampled on Current Sample Schedule				
MW - 18	11/27/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 18	02/20/19	Not Sampled on Current Sample Schedule				
MW - 18	05/29/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	08/27/19	Not Sampled on Current Sample Schedule				
MW - 18	10/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	03/17/20	Not Sampled on Current Sample Schedule				
MW - 18	06/09/20	DRY				
MW - 18	08/26/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	12/17/20	DRY				
MW - 18	03/22/21	DRY				
MW - 18	06/23/21	DRY				
MW - 18	09/09/21	DRY				
MW - 18	12/15/21	DRY				
MW - 19	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 19	12/08/99	0.0080	0.001	0.002	0.002	<0.001
MW - 19	03/24/00	0.0030	<0.001	<0.001	<0.001	<0.001
MW - 19	06/14/00	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 19	09/22/00	0.0020	<0.001	0.002	<0.001	<0.001
MW - 19	12/28/00	0.0120	<0.001	0.002	<0.001	<0.001
MW - 19	03/14/01	0.0080	<0.001	0.002	<0.001	<0.001

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 19	06/06/01	0.0060	<0.001	<0.001	<0.001	
MW - 19	09/27/01	0.0010	<0.001	0.001	<0.001	<0.001
MW - 19	11/17/01	0.0050	<0.001	0.003	0.001	<0.001
MW - 19	03/26/02	0.0130	<0.001	0.004	<0.001	<0.001
MW - 19	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 19	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 19	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 19	03/11/03	0.0040	0.001	0.001	<0.001	<0.001
MW - 19	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 19	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 19	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 19	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 19	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 19	03/17/05	Not Sampled on Current Sample Schedule				
MW - 19	06/15/05	Not Sampled on Current Sample Schedule				
MW - 19	09/14/05	Not Sampled on Current Sample Schedule				
MW - 19	12/13/05	<0.005	<0.005	<0.005	<0.005	
MW - 19	03/15/06	Not Sampled on Current Sample Schedule				
MW - 19	06/14/06	Not Sampled on Current Sample Schedule				
MW - 19	09/13/06	Not Sampled on Current Sample Schedule				
MW - 19	12/06/06	<0.001	<0.001	<0.001	0.0024	
MW - 19	03/01/07	Not Sampled on Current Sample Schedule				
MW - 19	05/24/07	Not Sampled on Current Sample Schedule				
MW - 19	08/23/07	Not Sampled on Current Sample Schedule				
MW - 19	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 19	03/04/08	Not Sampled on Current Sample Schedule				
MW - 19	06/11/08	Not Sampled on Current Sample Schedule				
MW - 19	09/10/08	Not Sampled on Current Sample Schedule				
MW - 19	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 19	02/26/09	Not Sampled on Current Sample Schedule				
MW - 19	05/21/09	Not Sampled on Current Sample Schedule				
MW - 19	08/18/09	Not Sampled on Current Sample Schedule				
MW - 19	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 19	02/22/10	Not Sampled on Current Sample Schedule				
MW - 19	06/03/10	Not Sampled on Current Sample Schedule				
MW - 19	08/26/10	Not Sampled on Current Sample Schedule				
MW - 19	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 19	03/09/11	Not Sampled on Current Sample Schedule				
MW - 19	05/26/11	Not Sampled on Current Sample Schedule				
MW - 19	08/18/11	Not Sampled on Current Sample Schedule				
MW - 19	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 19	02/29/12	Not Sampled on Current Sample Schedule				
MW - 19	05/02/12	Not Sampled on Current Sample Schedule				
MW - 19	08/10/12	Not Sampled on Current Sample Schedule				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 19	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 19	02/22/13	Not Sampled on Current Sample Schedule				
MW - 19	05/16/13	Not Sampled on Current Sample Schedule				
MW - 19	08/21/13	Not Sampled on Current Sample Schedule				
MW - 19	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 19	02/19/14	Not Sampled on Current Sample Schedule				
MW - 19	05/20/14	Not Sampled on Current Sample Schedule				
MW - 19	08/19/14	Not Sampled on Current Sample Schedule				
MW - 19	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 19	02/20/15	Not Sampled on Current Sample Schedule				
MW - 19	05/20/15	Not Sampled on Current Sample Schedule				
MW - 19	08/13/15	Not Sampled on Current Sample Schedule				
MW - 19	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 19	02/02/16	Not Sampled on Current Sample Schedule				
MW - 19	05/11/16	Not Sampled on Current Sample Schedule				
MW - 19	08/09/16	Not Sampled on Current Sample Schedule				
MW - 19	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 19	02/21/17	Not Sampled on Current Sample Schedule				
MW - 19	05/16/17	Not Sampled on Current Sample Schedule				
MW - 19	08/22/17	Not Sampled on Current Sample Schedule				
MW - 19	11/27/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 19	02/14/18	Not Sampled on Current Sample Schedule				
MW - 19	05/16/18	Not Sampled on Current Sample Schedule				
MW - 19	08/15/18	Not Sampled on Current Sample Schedule				
MW - 19	11/27/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 19	02/20/19	Not Sampled on Current Sample Schedule				
MW - 19	05/29/19	Not Sampled on Current Sample Schedule				
MW - 19	08/27/19	Not Sampled on Current Sample Schedule				
MW - 19	10/29/19	DRY				
MW - 19	03/17/20	Not Sampled on Current Sample Schedule				
MW - 19	06/09/20	Not Sampled on Current Sample Schedule				
MW - 19	08/25/20	Not Sampled on Current Sample Schedule				
MW - 19	12/17/20	DRY				
MW - 19	03/22/21	DRY				
MW - 19	06/23/21	DRY				
MW - 19	09/09/21	DRY				
MW - 19	12/14/21	DRY				
MW - 20	08/20/99	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 20	12/08/99	0.0050	<0.001	0.002	0.001	<0.001
MW - 20	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	06/14/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	09/22/00	0.0020	<0.001	0.001	<0.001	<0.001
MW - 20	12/28/00	0.0050	<0.001	<0.001	<0.001	<0.001

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 20	03/14/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	06/06/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	09/27/01	0.0040	<0.001	0.003	<0.001	<0.001
MW - 20	11/17/01	0.0070	<0.001	0.003	0.001	<0.001
MW - 20	03/26/02	0.0030	<0.001	0.002	<0.001	<0.001
MW - 20	06/26/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 20	09/25/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 20	12/10/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 20	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 20	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 20	12/09/04	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	09/14/05	Plugged and Abandoned				
MW - 21	08/20/99	0.7010	<0.01	<0.01	<0.001	<0.001
MW - 21	12/08/99	0.0520	<0.001	<0.001	<0.001	<0.001
MW - 21	03/24/00	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 21	06/14/00	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 21	09/22/00	0.0020	<0.001	0.001	<0.001	<0.001
MW - 21	12/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	03/14/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	06/06/01	<0.005	<0.005	<0.005	<0.005	<0.005
MW - 21	09/27/01	0.0030	<0.001	0.003	<0.001	<0.001
MW - 21	11/17/01	0.0140	<0.001	0.006	0.002	<0.001
MW - 21	03/26/02	0.0040	<0.001	0.003	<0.001	<0.001
MW - 21	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	09/25/02	0.0010	<0.001	0.002	<0.001	<0.001
MW - 21	12/10/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 21	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	06/10/03	<0.001	<0.001	0.001	<0.001	<0.001
MW - 21	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 21	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 21	12/09/04	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	03/17/05	Not Sampled on Current Sample Schedule				
MW - 21	06/15/05	Not Sampled on Current Sample Schedule				
MW - 21	09/14/05	Not Sampled on Current Sample Schedule				
MW - 21	12/13/05	<0.005	<0.005	<0.005	<0.005	<0.005
MW - 21	03/15/06	Not Sampled on Current Sample Schedule				
MW - 21	06/14/06	Not Sampled on Current Sample Schedule				
MW - 21	09/13/06	Not Sampled on Current Sample Schedule				
MW - 21	01/03/07	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 21	03/01/07	Not Sampled on Current Sample Schedule				
MW - 21	05/24/07	Not Sampled on Current Sample Schedule				
MW - 21	08/23/07	Not Sampled on Current Sample Schedule				
MW - 21	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 21	03/04/08	Not Sampled on Current Sample Schedule				
MW - 21	06/11/08	Not Sampled on Current Sample Schedule				
MW - 21	09/10/08	Not Sampled on Current Sample Schedule				
MW - 21	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 21	02/26/09	Not Sampled on Current Sample Schedule				
MW - 21	05/21/09	Not Sampled on Current Sample Schedule				
MW - 21	08/18/09	Not Sampled on Current Sample Schedule				
MW - 21	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 21	02/22/10	Not Sampled on Current Sample Schedule				
MW - 21	06/03/10	Not Sampled on Current Sample Schedule				
MW - 21	08/26/10	Not Sampled on Current Sample Schedule				
MW - 21	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 21	03/09/11	Not Sampled on Current Sample Schedule				
MW - 21	05/26/11	Not Sampled on Current Sample Schedule				
MW - 21	08/18/11	Not Sampled on Current Sample Schedule				
MW - 21	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 21	02/29/12	Not Sampled on Current Sample Schedule				
MW - 21	05/02/12	Not Sampled on Current Sample Schedule				
MW - 21	08/10/12	Not Sampled on Current Sample Schedule				
MW - 21	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 21	02/22/13	Not Sampled on Current Sample Schedule				
MW - 21	05/16/13	Not Sampled on Current Sample Schedule				
MW - 21	08/21/13	Not Sampled on Current Sample Schedule				
MW - 21	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 21	02/19/14	Not Sampled on Current Sample Schedule				
MW - 21	05/20/14	Not Sampled on Current Sample Schedule				
MW - 21	08/19/14	Not Sampled on Current Sample Schedule				
MW - 21	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 21	02/10/15	Not Sampled on Current Sample Schedule				
MW - 21	05/20/15	Not Sampled on Current Sample Schedule				
MW - 21	08/13/15	Not Sampled on Current Sample Schedule				
MW - 21	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 21	02/02/16	Not Sampled on Current Sample Schedule				
MW - 21	05/11/16	Not Sampled on Current Sample Schedule				
MW - 21	08/09/16	Not Sampled on Current Sample Schedule				
MW - 21	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 21	02/21/17	Not Sampled on Current Sample Schedule				
MW - 21	05/16/17	Not Sampled on Current Sample Schedule				
MW - 21	08/22/17	Not Sampled on Current Sample Schedule				
MW - 21	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 21	02/14/18	Not Sampled on Current Sample Schedule				
MW - 21	05/16/18	Not Sampled on Current Sample Schedule				
MW - 21	08/15/18	Not Sampled on Current Sample Schedule				
MW - 21	11/27/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 21	02/20/19	Not Sampled on Current Sample Schedule				
MW - 21	05/29/19	Not Sampled on Current Sample Schedule				
MW - 21	08/27/19	Not Sampled on Current Sample Schedule				
MW - 21	10/29/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 21	03/17/20	Not Sampled on Current Sample Schedule				
MW - 21	06/09/20	Not Sampled on Current Sample Schedule				
MW - 21	08/25/20	Not Sampled on Current Sample Schedule				
MW - 21	12/17/20	DRY				
MW - 21	03/22/21	DRY				
MW - 21	06/23/21	DRY				
MW - 21	09/09/21	DRY				
MW - 21	12/15/21	DRY				
MW - 22	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	12/08/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	06/14/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	12/08/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	03/14/01	0.0080	<0.001	0.004	<0.001	<0.001
MW - 22	06/06/01	0.0060	<0.001	<0.001	<0.001	
MW - 22	09/27/01	0.0060	<0.001	0.003	<0.001	<0.001
MW - 22	11/17/01	0.0070	<0.001	0.004	0.001	<0.001
MW - 22	03/26/02	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 22	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 22	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 22	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 22	09/14/05	Plugged and Abandoned				
MW - 23	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	12/08/99	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 23	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	06/14/00	0.0070	<0.001	<0.001	<0.001	<0.001
MW - 23	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 23	12/28/00	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 23	03/14/01	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 23	06/06/01	0.0057	<0.001	<0.001	<0.001	<0.001
MW - 23	09/28/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	11/17/01	0.0040	<0.001	0.002	<0.001	<0.001
MW - 23	03/26/02	0.0030	<0.001	<0.001	<0.001	<0.001
MW - 23	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	03/11/03	0.0160	<0.001	<0.001	<0.001	<0.001
MW - 23	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	09/03/03	0.0050	<0.001	<0.001	<0.001	<0.001
MW - 23	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 23	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 23	05/19/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 23	08/26/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 23	12/09/04	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	03/17/05	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	06/15/05	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	09/14/05	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	12/14/05	<0.005	<0.005	<0.005	<0.005	<0.005
MW - 23	03/15/06	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	06/14/06	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	09/13/06	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	12/05/06	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	03/01/07	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	05/24/07	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	08/23/07	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	11/08/07	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	03/04/08	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	06/11/08	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	09/10/08	0.0017	<0.001	<0.001	<0.001	<0.001
MW - 23	12/11/08	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	02/26/09	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	05/21/09	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	08/18/09	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	12/09/09	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	02/22/10	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	06/03/10	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	08/26/10	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	12/01/10	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	03/09/11	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	05/26/11	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	08/18/11	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 23	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 23	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 23	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 23	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 23	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 23	02/22/13	Not Sampled on Current Sample Schedule				
MW - 23	05/16/13	Not Sampled on Current Sample Schedule				
MW - 23	08/21/13	Not Sampled on Current Sample Schedule				
MW - 23	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 23	02/19/14	Not Sampled on Current Sample Schedule				
MW - 23	05/20/14	Not Sampled on Current Sample Schedule				
MW - 23	08/19/14	Not Sampled on Current Sample Schedule				
MW - 23	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 23	02/10/15	Not Sampled on Current Sample Schedule				
MW - 23	05/20/15	Not Sampled on Current Sample Schedule				
MW - 23	08/13/15	Not Sampled on Current Sample Schedule				
MW - 23	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 23	02/02/16	Not Sampled on Current Sample Schedule				
MW - 23	05/11/16	Not Sampled on Current Sample Schedule				
MW - 23	08/09/16	Not Sampled on Current Sample Schedule				
MW - 23	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 23	02/21/17	Not Sampled on Current Sample Schedule				
MW - 23	05/16/17	Not Sampled on Current Sample Schedule				
MW - 23	08/22/17	Not Sampled on Current Sample Schedule				
MW - 23	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 23	02/14/18	Not Sampled on Current Sample Schedule				
MW - 23	05/16/18	Not Sampled on Current Sample Schedule				
MW - 23	08/15/18	Not Sampled on Current Sample Schedule				
MW - 23	11/27/18	<0.00100	<0.0500	<0.0250	<0.100	
MW - 23	02/20/19	Not Sampled on Current Sample Schedule				
MW - 23	05/29/19	Not Sampled on Current Sample Schedule				
MW - 23	08/27/19	Not Sampled on Current Sample Schedule				
MW - 23	10/29/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	03/17/20	Not Sampled on Current Sample Schedule				
MW - 23	06/09/20	Not Sampled on Current Sample Schedule				
MW - 23	08/25/20	Not Sampled on Current Sample Schedule				
MW - 23	12/17/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	03/22/21	Not Sampled on Current Sample Schedule				
MW - 23	06/22/21	Not Sampled on Current Sample Schedule				
MW - 23	09/09/21	Not Sampled on Current Sample Schedule				
MW - 23	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 24	08/19/99	2.2900	<0.001	0.023	0.01	<0.001
MW - 24	12/08/99	0.8390	0.007	0.002	0.006	0.002

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 24	03/24/00	0.7620	<0.010	<0.010	<0.010	<0.010
MW - 24	06/14/00	0.8870	0.013	0.004	0.004	0.002
MW - 24	09/22/00	0.6630	0.012	0.004	0.003	0.002
MW - 24	12/28/00	1.3800	<0.010	<0.010	<0.010	<0.010
MW - 24	03/14/01	1.8100	0.045	0.019	<0.010	0.012
MW - 24	06/06/01	0.9090	<0.001	<0.001	<0.001	
MW - 24	09/28/01	1.4700	0.024	0.015	0.008	0.005
MW - 24	11/17/01	0.9860	0.004	0.011	0.004	0.001
MW - 24	03/26/02	0.8390	0.002	0.005	0.002	<0.001
MW - 24	06/26/02	0.8700	0.003	0.008	0.002	<0.001
MW - 24	09/25/02	1.0800	0.017	0.014	0.009	0.003
MW - 24	12/10/02	1.3900	0.021	0.012	0.007	0.002
MW - 24	03/11/03	0.4930	0.046	0.015	0.018	0.008
MW - 24	06/10/03	0.5740	0.002	0.002	0.002	<0.001
MW - 24	09/03/03	0.3480	0.004	0.004	0.003	0.001
MW - 24	12/08/03	0.7410	0.006	0.011	0.005	0.001
MW - 24	03/01/04	0.4630	0.017	0.019	0.009	0.002
MW - 24	05/19/04	0.3570	0.00259	0.00216	<0.002	<0.001
MW - 24	08/26/04	0.3890	<0.001	<0.001	<0.002	<0.001
MW - 24	12/09/04	0.0054	0.0016	0.0011	<0.001	
MW - 24	03/17/05	0.0178	0.0031	0.0023	0.002	
MW - 24	06/15/05	0.2730	0.0101	0.0182	<0.01	
MW - 24	09/15/05	0.3540	<0.001	0.0152	0.0018	
MW - 24	12/13/05	0.4460	<0.005	0.0149	<0.005	
MW - 24	03/15/06	0.3030	0.0116	0.0176	<0.01	
MW - 24	06/14/06	0.3390	0.0215	0.0261	0.022	
MW - 24	09/13/06	0.2070	0.0192	0.0209	0.0175	
MW - 24	12/06/06	0.1050	<0.001	0.0023	<0.001	
MW - 24	03/01/07	0.0656	<0.01	<0.01	<0.01	
MW - 24	05/24/07	0.0449	<0.001	0.0029	<0.001	
MW - 24	08/23/07	<0.01	<0.01	<0.01	<0.01	
MW - 24	11/08/07	0.0216	0.0278	0.0187	0.0238	
MW - 24	03/04/08	0.0022	0.005	0.005	0.0067	
MW - 24	06/11/08	0.0139	0.0225	0.0176	0.0202	
MW - 24	09/10/08	0.0023	0.0048	0.0053	0.0071	
MW - 24	12/11/08	0.0037	0.0072	0.0064	0.008	
MW - 24	02/26/09	0.0178	0.0282	0.0262	0.0448	
MW - 24	05/21/09	0.0058	0.0076	0.0073	0.0137	
MW - 24	08/18/09	0.0027	0.0041	0.0047	0.0081	
MW - 24	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 24	02/22/10	0.0031	0.0051	0.0054	0.009	
MW - 24	06/03/10	0.0034	0.0033	0.0057	0.0047	
MW - 24	08/26/10	<0.001	<0.001	<0.001	<0.0010	
MW - 24	12/01/10	<0.001	<0.001	<0.001	<0.0010	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 24	03/09/11	<0.001	<0.001	<0.001	<0.0010	
MW - 24	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 24	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 24	11/15/11	<0.001	0.0018	0.0024	0.0033	
MW - 24	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 24	05/02/12	0.0046	0.0059	0.0076	0.0168	
MW - 24	08/10/12	<0.001	<0.001	0.0061	0.0142	
MW - 24	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 24	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 24	05/15/13	0.00220	0.00460	0.00870	0.0157	
MW - 24	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 24	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 24	02/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 24	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 24	08/28/14	<0.00100	0.00120	0.00240	0.00410	
MW - 24	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 24	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 24	05/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 24	08/13/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 24	11/11/15	<0.00100	<0.00100	0.00380	0.0064	
MW - 24	02/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 24	06/02/16	<0.00100	0.00530	0.00200	0.0111	
MW - 24	08/09/16	0.00100	<0.00100	<0.00100	<0.00100	
MW - 24	11/16/16	0.0270	<0.00100	0.0226	<0.00100	
MW - 24	02/22/17	0.00611	<0.00200	0.0114	0.00381	
MW - 24	05/17/17	<0.00200	<0.00200	0.0131	0.00894	
MW - 24	08/23/17	<0.00200	<0.00200	0.0142	<0.00400	
MW - 24	11/29/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 24	02/14/18	<0.00100	<0.00100	0.00100	<0.00200	
MW - 24	05/17/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 24	08/16/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 24	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 24	02/21/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 24	05/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 24	08/28/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 24	10/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 24	03/18/20	<0.00100	<0.00100	<0.00100	0.00200	
MW - 24	06/09/20	Not Sampled on Current Sample Schedule				
MW - 24	08/26/20	<0.00100	<0.00100	<0.00100	0.00200	
MW - 24	12/16/20	Not Sampled on Current Sample Schedule				
MW - 24	03/22/21	Not Sampled on Current Sample Schedule				
MW - 24	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 24	09/09/21	Not Sampled on Current Sample Schedule				
MW - 24	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b					
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	
MW - 25	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	12/08/99	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	06/14/00	0.0020	<0.001	<0.001	<0.001	<0.001	
MW - 25	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	12/28/00	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	03/14/01	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	06/06/01	0.0070	<0.001	<0.001	<0.001		
MW - 25	09/28/01	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	11/17/01	0.0060	<0.001	0.003	<0.001	<0.001	
MW - 25	03/26/02	0.0050	<0.001	<0.001	<0.001	<0.001	
MW - 25	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	03/11/03	0.0020	<0.001	<0.001	<0.001	<0.001	
MW - 25	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	09/03/03	0.0030	<0.001	<0.001	<0.001	<0.001	
MW - 25	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 25	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 25	12/09/04	<0.001	<0.001	<0.001	<0.001		
MW - 25	03/17/05	Not Sampled on Current Sample Schedule					
MW - 25	06/15/05	Not Sampled on Current Sample Schedule					
MW - 25	09/15/05	Not Sampled on Current Sample Schedule					
MW - 25	12/13/05	<0.005	<0.005	<0.005	<0.005		
MW - 25	03/15/06	Not Sampled on Current Sample Schedule					
MW - 25	06/14/06	Not Sampled on Current Sample Schedule					
MW - 25	09/13/06	Not Sampled on Current Sample Schedule					
MW - 25	12/06/06	<0.001	0.0016	<0.001	0.0017		
MW - 25	03/01/07	Not Sampled on Current Sample Schedule					
MW - 25	05/24/07	Not Sampled on Current Sample Schedule					
MW - 25	08/23/07	Not Sampled on Current Sample Schedule					
MW - 25	11/08/07	<0.001	<0.001	<0.001	<0.001		
MW - 25	03/04/08	Not Sampled on Current Sample Schedule					
MW - 25	06/11/08	Not Sampled on Current Sample Schedule					
MW - 25	09/10/08	Not Sampled on Current Sample Schedule					
MW - 25	12/11/08	<0.001	<0.001	<0.001	<0.001		
MW - 25	02/26/09	Not Sampled on Current Sample Schedule					
MW - 25	05/21/09	Not Sampled on Current Sample Schedule					
MW - 25	08/18/09	Not Sampled on Current Sample Schedule					
MW - 25	12/09/09	<0.001	<0.001	<0.001	<0.001		
MW - 25	02/22/10	Not Sampled on Current Sample Schedule					
MW - 25	06/03/10	Not Sampled on Current Sample Schedule					
MW - 25	08/26/10	Not Sampled on Current Sample Schedule					

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 25	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 25	03/09/11	Not Sampled on Current Sample Schedule				
MW - 25	05/26/11	Not Sampled on Current Sample Schedule				
MW - 25	08/18/11	Not Sampled on Current Sample Schedule				
MW - 25	11/22/11	<0.001	<0.001	<0.001	<0.001	
MW - 25	02/29/12	Not Sampled on Current Sample Schedule				
MW - 25	05/02/12	Not Sampled on Current Sample Schedule				
MW - 25	08/10/12	Not Sampled on Current Sample Schedule				
MW - 25	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 25	02/22/13	Not Sampled on Current Sample Schedule				
MW - 25	05/16/13	Not Sampled on Current Sample Schedule				
MW - 25	08/21/13	Not Sampled on Current Sample Schedule				
MW - 25	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 25	02/19/14	Not Sampled on Current Sample Schedule				
MW - 25	05/20/14	Not Sampled on Current Sample Schedule				
MW - 25	08/19/14	Not Sampled on Current Sample Schedule				
MW - 25	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 25	02/10/15	Not Sampled on Current Sample Schedule				
MW - 25	05/20/15	Not Sampled on Current Sample Schedule				
MW - 25	08/13/15	Not Sampled on Current Sample Schedule				
MW - 25	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 25	02/02/16	Not Sampled on Current Sample Schedule				
MW - 25	06/02/16	Not Sampled on Current Sample Schedule				
MW - 25	08/09/16	Not Sampled on Current Sample Schedule				
MW - 25	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 25	02/21/17	Not Sampled on Current Sample Schedule				
MW - 25	05/16/17	Not Sampled on Current Sample Schedule				
MW - 25	08/22/17	Not Sampled on Current Sample Schedule				
MW - 25	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 25	02/14/18	Not Sampled on Current Sample Schedule				
MW - 25	05/17/18	Not Sampled on Current Sample Schedule				
MW - 25	08/15/18	Not Sampled on Current Sample Schedule				
MW - 25	11/27/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 25	02/20/19	Not Sampled on Current Sample Schedule				
MW - 25	05/29/19	Not Sampled on Current Sample Schedule				
MW - 25	08/27/19	Not Sampled on Current Sample Schedule				
MW - 25	10/29/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	03/17/20	Not Sampled on Current Sample Schedule				
MW - 25	06/09/20	Not Sampled on Current Sample Schedule				
MW - 25	08/25/20	Not Sampled on Current Sample Schedule				
MW - 25	12/17/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	03/22/21	Not Sampled on Current Sample Schedule				
MW - 25	06/22/21	Not Sampled on Current Sample Schedule				
MW - 25	09/09/21	Not Sampled on Current Sample Schedule				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 25	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	06/03/00	0.0200	0.003	0.002	0.002	0.001
MW - 26	09/22/00	0.0210	0.041	0.008	0.013	0.006
MW - 26	12/28/00	0.3860	0.13	0.04	0.025	0.014
MW - 26	03/14/01	0.7310	0.267	0.16	0.075	0.031
MW - 26	06/06/01	1.0100	0.263	0.179	0.204	
MW - 26	09/28/01	1.7000	0.469	0.441	0.201	0.084
MW - 26	11/17/01	1.6000	0.534	0.417	0.24	0.081
MW - 26	03/26/02	1.6900	0.547	0.361	0.213	0.086
MW - 26	06/26/02	0.7800	0.259	0.223	0.118	0.053
MW - 26	09/25/02	1.4200	0.551	0.384	0.196	0.074
MW - 26	12/10/02	1.3900	0.691	0.155	0.182	0.1
MW - 26	03/11/03	0.7530	0.104	0.146	0.071	0.034
MW - 26	06/10/03	0.8360	0.051	0.168	0.094	0.039
MW - 26	09/03/03	0.7760	0.048	0.229	0.111	0.045
MW - 26	12/08/03	1.1700	0.045	0.249	0.079	0.043
MW - 26	03/01/04	0.4980	0.034	0.116	0.058	0.022
MW - 26	05/19/04	0.6450	0.0332	0.121	0.058	0.0218
MW - 26	08/26/04	0.8890	0.0157	0.0971	0.058	0.00668
MW - 26	12/09/04	0.0619	0.0339	0.017	0.0239	
MW - 26	03/17/05	0.4150	0.0479	0.0642	0.0412	
MW - 26	06/15/05	0.8700	0.412	0.276	0.22	
MW - 26	09/14/05	1.0700	0.389	0.384	0.352	
MW - 26	12/13/05	0.7060	0.34	0.23	0.186	
MW - 26	03/15/06	0.7300	0.464	0.27	0.223	
MW - 26	06/14/06	0.0640	0.338	0.184	0.151	
MW - 26	09/14/06	0.0140	<0.01	<0.01	<0.01	
MW - 26	12/06/06	0.5120	0.259	0.114	0.135	
MW - 26	03/01/07	0.2700	0.143	0.0868	0.0667	
MW - 26	05/24/07	0.3900	0.0842	0.0925	0.044	
MW - 26	08/23/07	0.5410	0.0178	0.144	0.0645	
MW - 26	11/08/07	1.3600	0.226	0.301	0.166	
MW - 26	03/04/08	0.8050	0.259	0.225	0.123	
MW - 26	06/11/08	0.0161	0.0753	0.0496	0.0351	
MW - 26	09/10/08	0.7440	0.3	0.204	0.183	
MW - 26	12/11/08	0.7190	0.154	0.128	0.0803	
MW - 26	02/27/09	0.5030	0.231	0.148	0.178	
MW - 26	05/22/09	0.3680	0.0556	0.0579	0.0701	
MW - 26	08/18/09	0.4220	0.0928	0.0745	<0.0100	
MW - 26	12/10/09	0.3880	0.031	0.0408	0.0062	
MW - 26	02/22/10	0.3280	0.0917	0.0656	0.0603	
MW - 26	06/03/10	0.4020	0.0587	0.0504	0.0296	
MW - 26	08/26/10	0.1090	0.0315	<0.001	0.0195	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 26	12/01/10	0.2660	0.0136	0.0241	0.0163	
MW - 26	03/09/11	0.2190	0.008	0.026	0.025	
MW - 26	05/26/11	0.4740	0.0306	0.112	0.01984	
MW - 26	08/19/11	0.5800	0.0201	0.100	0.0579	
MW - 26	11/15/11	0.6760	0.240	0.172	0.082	
MW - 26	02/29/12	0.5160	0.102	0.129	0.133	
MW - 26	05/02/12	0.3730	0.120	0.129	0.109	
MW - 26	08/10/12	0.8970	0.0224	0.194	0.07	
MW - 26	11/27/12	0.4360	0.1380	0.113	0.0599	
MW - 26	02/22/13	0.288	0.142	0.136	0.0708	
MW - 26	05/16/13	0.468	0.285	0.173	0.112	
MW - 26	08/21/13	0.396	0.08090	0.0885	0.0305	
MW - 26	11/11/13	0.234	0.0300	0.0808	0.0231	
MW - 26	02/20/14	0.360	0.0318	0.114	0.0395	
MW - 26	05/20/14	0.210	0.0147	0.0442	0.0199	
MW - 26	08/19/14	0.262	0.0499	0.0852	0.0392	
MW - 26	11/26/14	0.276	0.0153	0.0967	0.0339	
MW - 26	02/10/15	0.150	0.00170	0.0200	0.0138	
MW - 26	05/20/15	0.142	0.0264	0.0458	0.0240	
MW - 26	08/13/15	0.194	0.0194	0.0646	0.0243	
MW - 26	11/11/15	0.151	0.0742	0.0827	0.0582	
MW - 26	02/02/16	0.147	0.0235	0.0671	0.0288	
MW - 26	05/11/16	0.147	0.00960	0.0509	0.024	
MW - 26	08/09/16	0.240	0.00330	0.0893	0.0340	
MW - 26	11/16/16	0.311	0.0241	0.125	0.0541	
MW - 26	02/22/17	0.324	0.0590	0.119	0.07427	
MW - 26	05/17/17	0.294	0.0519	0.141	0.0754	
MW - 26	08/23/17	0.686	0.0195	0.179	0.0940	
MW - 26	11/29/17	0.771	0.0270	0.126	0.06458	
MW - 26	02/14/18	0.291	0.0400	0.0939	0.0654	
MW - 26	05/16/18	0.148	0.00994	0.0374	0.02384	
MW - 26	08/16/18	0.161	0.0379	0.0644	0.0424	
MW - 26	11/29/18	0.172	<0.0100	0.0152	<0.0200	
MW - 26	02/21/19	0.0642	0.0116	0.0305	0.01399	
MW - 26	05/30/19	0.0505	<0.00100	0.0150	0.00844	
MW - 26	08/28/19	0.0131	<0.00100	0.00487	0.00247	
MW - 26	10/31/19	0.0282	0.0164	0.0193	0.01599	
MW - 26	03/18/20	0.0291	0.0178	0.0108	0.00835	
MW - 26	06/10/20	0.00417	0.00310	0.00130	<0.00200	
MW - 26	08/26/20	0.00310	<0.00100	<0.00100	<0.00200	
MW - 26	12/18/20	0.00349	0.00246	<0.00100	<0.00200	
MW - 26	03/24/21	0.0113	0.00562	0.00167	<0.00200	
MW - 26	06/23/21	0.0206	0.00910	0.00303	<0.00200	
MW - 26	09/10/21	0.0312	0.00702	0.00105	<0.00200	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 26	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 27	06/03/00	0.0010	0.001	<0.001	<0.001	<0.001
MW - 27	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 27	12/28/00	0.0030	0.004	0.002	<0.001	<0.001
MW - 27	03/14/01	<0.001	0.002	<0.001	<0.001	<0.001
MW - 27	06/06/01	0.0048	<0.001	<0.001	<0.001	
MW - 27	09/28/01	0.0010	0.002	0.001	<0.001	<0.001
MW - 27	11/17/01	0.0010	0.001	0.001	<0.001	<0.001
MW - 27	03/26/02	0.0040	0.003	0.002	0.001	<0.001
MW - 27	06/26/02	0.0010	<0.001	0.002	<0.001	<0.001
MW - 27	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 27	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 27	03/11/03	0.0080	<0.001	<0.001	<0.001	<0.001
MW - 27	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 27	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 27	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 27	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 27	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 27	09/14/05	Plugged and Abandoned				
MW - 28	06/03/00	0.1930	0.004	0.005	0.004	0.001
MW - 28	09/22/00	1.5800	0.059	0.374	0.192	0.024
MW - 28	12/28/00	4.0800	0.073	0.469	0.15	0.038
MW - 28	03/14/01	2.7300	0.018	0.212	0.025	0.02
MW - 28	06/06/01	2.0600	0.064	0.121	0.182	
MW - 28	09/28/01	2.2500	0.027	0.094	0.037	0.019
MW - 28	11/17/01	1.4900	0.035	0.104	0.055	0.022
MW - 28	03/26/02	2.1300	0.073	0.226	0.118	0.043
MW - 28	06/26/02	2.2200	0.043	0.292	0.121	0.052
MW - 28	09/25/02	3.3100	0.06	0.506	0.257	0.088
MW - 28	12/10/02	2.1200	0.025	0.125	0.047	0.018
MW - 28	03/11/03	2.0000	0.012	0.487	0.226	0.076
MW - 28	06/10/03	1.7100	0.001	0.417	0.245	0.066
MW - 28	09/03/03	1.8300	0.001	0.469	0.216	0.047
MW - 28	12/08/03	2.2800	0.001	0.535	0.264	0.029
MW - 28	03/01/04	1.4900	0.003	0.484	0.215	0.031
MW - 28	05/19/04	1.7500	0.00248	0.437	0.217	0.028
MW - 28	08/26/04	1.9500	<0.001	0.407	0.2	0.00344
MW - 28	12/09/04	3.4300	0.0381	1.79	1.49	
MW - 28	03/17/05	2.8500	<0.02	1.06	0.53	
MW - 28	06/15/05	3.7400	<0.05	1.29	0.465	
MW - 28	09/14/05	3.5900	<0.05	1.27	0.554	
MW - 28	12/13/05	3.1100	<0.05	0.868	0.367	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 28	03/15/06	2.3100	<0.2	0.572	<0.2	
MW - 28	06/14/06	3.0900	<0.1	0.589	0.16	
MW - 28	09/14/06	1.8200	<0.05	0.165	<0.05	
MW - 28	12/06/06	1.9400	<0.01	0.446	0.157	
MW - 28	03/02/07	0.0408	<0.001	0.0096	0.0025	
MW - 28	05/24/07	2.1000	<0.005	0.443	0.0951	
MW - 28	08/23/07	1.8600	<0.05	0.496	0.152	
MW - 28	11/08/07	2.7100	<0.05	0.583	0.114	
MW - 28	03/04/08	1.2400	<0.010	0.206	0.0283	
MW - 28	06/11/08	1.2600	<0.01	0.185	0.0192	
MW - 28	09/10/08	1.3200	<0.01	0.193	0.0346	
MW - 28	12/11/08	1.2900	<0.010	0.183	<0.010	
MW - 28	02/27/09	Well Not Sampled				
MW - 28	05/22/09	1.2500	<0.001	0.158	<0.001	
MW - 28	08/18/09	0.9530	<0.0200	0.12	<0.0200	
MW - 28	12/10/09	0.8950	<0.010	0.0639	<0.010	
MW - 28	02/22/10	0.7790	0.0383	0.8	0.112	
MW - 28	06/03/10	0.4420	<0.001	0.0241	<0.001	
MW - 28	08/26/10	0.9720	<0.010	0.0246	0.0108	
MW - 28	12/01/10	1.0100	<0.010	0.112	<0.010	
MW - 28	03/09/11	1.1800	<0.001	0.272	<0.010	
MW - 28	05/26/11	1.4100	<0.0100	0.31	<0.010	
MW - 28	08/19/11	1.4300	<0.0100	0.363	<0.010	
MW - 28	11/15/11	0.8860	<0.0100	0.116	<0.010	
MW - 28	02/29/12	0.4970	<0.010	0.112	<0.010	
MW - 28	05/02/12	0.6020	<0.010	0.133	<0.010	
MW - 28	08/10/12	0.0902	<0.001	0.104	<0.003	
MW - 28	11/27/12	1.0000	<0.002	0.266	0.0245	
MW - 28	02/23/13	0.450	<0.0200	0.122	<0.0200	
MW - 28	05/16/13	0.241	<0.00100	0.0703	0.00730	
MW - 28	08/21/13	0.224	<0.00100	0.0451	0.00230	
MW - 28	11/11/13	0.0962	<0.00100	0.0186	<0.00300	
MW - 28	02/20/14	0.114	<0.00100	0.0267	<0.00300	
MW - 28	05/20/14	0.109	<0.00100	0.0264	<0.00300	
MW - 28	08/19/14	0.243	<0.00100	0.0772	0.00720	
MW - 28	11/26/14	0.126	<0.00100	0.0217	0.0114	
MW - 28	02/10/15	0.0603	<0.00100	0.00990	<0.00100	
MW - 28	05/20/15	0.0454	<0.00100	0.0160	0.00220	
MW - 28	08/13/15	0.0455	<0.00100	0.0104	0.00110	
MW - 28	11/11/15	0.0547	<0.00100	0.0163	0.00290	
MW - 28	02/02/16	0.0426	<0.00100	0.0270	0.00300	
MW - 28	05/11/16	0.0450	<0.00100	0.0111	0.00180	
MW - 28	08/09/16	0.0313	<0.00100	0.0108	0.00140	
MW - 28	11/16/16	0.0977	<0.00100	0.0507	0.0100	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 28	02/22/17	0.169	0.0171	0.0362	0.03177	
MW - 28	05/17/17	0.0580	<0.00200	0.0173	0.00660	
MW - 28	08/23/17	0.106	<0.00200	0.0439	0.0113	
MW - 28	11/29/17	0.0613	<0.00200	0.00968	0.00563	
MW - 28	02/14/18	0.0104	<0.00100	0.00200	<0.00200	
MW - 28	05/17/18	0.0121	<0.00200	0.00417	<0.00400	
MW - 28	08/16/18	0.00591	<0.0100	<0.00500	<0.0200	
MW - 28	11/29/18	0.0216	<0.0100	<0.00500	<0.0200	
MW - 28	02/21/19	0.00402	<0.00100	<0.00100	<0.00200	
MW - 28	05/30/19	0.00446	<0.00100	<0.00100	<0.00200	
MW - 28	08/28/19	0.00285	<0.00100	<0.00100	<0.00200	
MW - 28	10/31/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	03/18/20	0.00477	<0.00100	0.00160	<0.00200	
MW - 28	06/10/20	0.00148	<0.00100	<0.00100	<0.00200	
MW - 28	08/26/20	0.00240	<0.00100	<0.00100	<0.00200	
MW - 28	12/18/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	03/23/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	06/23/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	09/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 29	03/26/02	2.340	0.002	0.102	0.016	0.001
MW - 29	06/26/02	1.660	0.001	0.109	0.026	<0.001
MW - 29	09/25/02	4.330	0.001	0.087	0.019	<0.001
MW - 29	12/10/02	5.660	0.003	0.014	0.005	<0.001
MW - 29	03/11/03	3.330	<0.001	0.074	0.016	<0.001
MW - 29	06/10/03	3.000	<0.001	0.031	0.007	<0.001
MW - 29	09/03/03	2.880	<0.001	0.039	0.005	<0.001
MW - 29	12/08/03	3.550	<0.001	0.035	0.002	<0.001
MW - 29	03/01/04	2.800	<0.001	0.038	0.003	<0.001
MW - 29	05/19/04	2.550	<0.001	0.0327	0.00215	<0.001
MW - 29	08/26/04	2.360	<0.001	0.0183	<0.002	<0.001
MW - 29	12/09/04	1.470	<0.001	0.0103	<0.001	
MW - 29	03/17/05	1.520	<0.010	<0.010	<0.010	
MW - 29	06/15/05	1.140	<0.020	<0.020	<0.020	
MW - 29	09/14/05	1.680	<0.050	<0.050	<0.050	
MW - 29	12/13/05	1.520	<0.020	<0.020	<0.020	
MW - 29	03/15/06	1.580	<0.050	<0.050	<0.050	
MW - 29	06/14/06	1.690	<0.020	<0.020	<0.020	
MW - 29	09/14/06	1.670	<0.020	<0.020	<0.020	
MW - 29	12/06/06	1.300	<0.01	0.0161	<0.010	
MW - 29	03/02/07	1.220	<0.020	0.044	<0.020	
MW - 29	05/24/07	1.490	<0.01	0.103	<0.010	
MW - 29	08/23/07	1.140	<0.020	0.155	0.0301	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 29	11/08/07	1.240	<0.020	0.24	0.0541	
MW - 29	03/04/08	1.320	<0.010	0.447	0.0785	
MW - 29	06/11/08	1.240	<0.010	0.464	0.0729	
MW - 29	09/10/08	1.300	<0.010	0.452	0.0575	
MW - 29	12/11/08	1.170	0.0106	0.434	0.0584	
MW - 29	02/27/09	Well Not Sampled				
MW - 29	05/22/09	1.160	<0.001	0.313	0.132	
MW - 29	08/18/09	1.180	<0.010	0.316	0.0768	
MW - 29	12/10/09	1.000	<0.010	0.236	<0.010	
MW - 29	02/22/10	0.854	<0.010	0.152	<0.010	
MW - 29	06/03/10	0.812	<0.010	0.134	<0.010	
MW - 29	08/26/10	0.743	<0.010	0.102	<0.010	
MW - 29	12/01/10	0.556	<0.010	0.112	<0.010	
MW - 29	03/09/11	0.790	<0.010	0.14	<0.010	
MW - 29	05/26/11	0.791	<0.010	0.0968	<0.010	
MW - 29	08/19/11	0.767	<0.010	0.0578	<0.010	
MW - 29	11/15/11	0.833	<0.010	0.0435	<0.010	
MW - 29	02/29/12	0.509	<0.010	<0.010	<0.010	
MW - 29	05/02/12	1.020	<0.010	<0.010	<0.010	
MW - 29	08/10/12	0.0359	<0.02	<0.02	<0.06	
MW - 29	11/27/12	0.5320	<0.005	<0.005	<0.005	
MW - 29	02/23/13	0.486	<0.0100	<0.0100	<0.0100	
MW - 29	05/16/13	0.524	<0.00500	0.0182	0.00640	
MW - 29	08/21/13	0.351	<0.0500	<0.0500	<0.0500	
MW - 29	11/11/13	0.321	<0.00100	0.00720	<0.00300	
MW - 29	02/20/14	0.356	<0.0500	<0.0500	<0.150	
MW - 29	05/20/14	0.395	<0.00100	0.00240	<0.00300	
MW - 29	08/19/14	0.272	<0.00100	0.00260	0.00210	
MW - 29	11/26/14	0.534	<0.0500	<0.0500	<0.0500	
MW - 29	02/10/15	0.0810	<0.0500	<0.0500	<0.0500	
MW - 29	05/20/15	0.0243	<0.00100	<0.00100	<0.00100	
MW - 29	08/13/15	0.0131	<0.00100	0.00120	<0.00100	
MW - 29	11/11/15	0.0162	<0.00100	0.00200	<0.00100	
MW - 29	02/02/16	0.0148	<0.00100	0.00170	<0.00100	
MW - 29	05/11/16	0.00200	<0.00100	<0.00100	<0.00100	
MW - 29	08/09/16	0.00240	<0.00100	0.00100	<0.00100	
MW - 29	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 29	02/21/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 29	05/16/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 29	08/22/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 29	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 29	02/13/18	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 29	05/16/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 29	08/15/18	<0.00100	<0.0100	<0.00500	<0.0200	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 29	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 29	02/20/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 29	05/29/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 29	08/27/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 29	10/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 29	03/17/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 29	06/09/20	Not Sampled on Current Sample Schedule				
MW - 29	08/26/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 29	12/16/20	Not Sampled on Current Sample Schedule				
MW - 29	03/22/21	Not Sampled on Current Sample Schedule				
MW - 29	06/23/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 29	09/09/21	Not Sampled on Current Sample Schedule				
MW - 29	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 30	03/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 30	06/26/02	0.0020	0.003	0.002	0.002	<0.001
MW - 30	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 30	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 30	03/11/03	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 30	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 30	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 30	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 30	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 30	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 30	03/17/05	Not Sampled on Current Sample Schedule				
MW - 30	06/15/05	Not Sampled on Current Sample Schedule				
MW - 30	09/14/05	Not Sampled on Current Sample Schedule				
MW - 30	12/13/05	<0.005	<0.005	<0.005	<0.005	
MW - 30	03/15/06	Not Sampled on Current Sample Schedule				
MW - 30	06/14/06	Not Sampled on Current Sample Schedule				
MW - 30	09/14/06	Not Sampled on Current Sample Schedule				
MW - 30	12/06/06	<0.001	<0.001	<0.001	<0.001	
MW - 30	03/02/07	Not Sampled on Current Sample Schedule				
MW - 30	05/24/07	Not Sampled on Current Sample Schedule				
MW - 30	08/23/07	Not Sampled on Current Sample Schedule				
MW - 30	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 30	03/04/08	Not Sampled on Current Sample Schedule				
MW - 30	06/11/08	Not Sampled on Current Sample Schedule				
MW - 30	09/10/08	Not Sampled on Current Sample Schedule				
MW - 30	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/26/09	Not Sampled on Current Sample Schedule				
MW - 30	05/22/09	Not Sampled on Current Sample Schedule				
MW - 30	08/18/09	Not Sampled on Current Sample Schedule				
MW - 30	12/09/09	<0.001	<0.001	<0.001	<0.001	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 30	02/22/10	Not Sampled on Current Sample Schedule				
MW - 30	06/03/10	Not Sampled on Current Sample Schedule				
MW - 30	08/26/10	Not Sampled on Current Sample Schedule				
MW - 30	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 30	03/09/11	Not Sampled on Current Sample Schedule				
MW - 30	05/26/11	Not Sampled on Current Sample Schedule				
MW - 30	08/19/11	Not Sampled on Current Sample Schedule				
MW - 30	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/29/12	Not Sampled on Current Sample Schedule				
MW - 30	05/02/12	Not Sampled on Current Sample Schedule				
MW - 30	08/10/12	Not Sampled on Current Sample Schedule				
MW - 30	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/23/13	Not Sampled on Current Sample Schedule				
MW - 30	05/16/13	Not Sampled on Current Sample Schedule				
MW - 30	08/21/13	Not Sampled on Current Sample Schedule				
MW - 30	11/11/13	<0.00500	<0.00500	<0.00500	<0.0150	
MW - 30	02/19/14	Not Sampled on Current Sample Schedule				
MW - 30	05/20/14	Not Sampled on Current Sample Schedule				
MW - 30	08/19/14	Not Sampled on Current Sample Schedule				
MW - 30	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 30	02/10/15	Not Sampled on Current Sample Schedule				
MW - 30	05/20/15	Not Sampled on Current Sample Schedule				
MW - 30	08/13/15	Not Sampled on Current Sample Schedule				
MW - 30	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 30	02/02/16	Not Sampled on Current Sample Schedule				
MW - 30	05/11/16	Not Sampled on Current Sample Schedule				
MW - 30	08/09/16	Not Sampled on Current Sample Schedule				
MW - 30	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 30	02/21/17	Not Sampled on Current Sample Schedule				
MW - 30	05/16/17	Not Sampled on Current Sample Schedule				
MW - 30	08/22/17	Not Sampled on Current Sample Schedule				
MW - 30	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 30	02/13/18	Not Sampled on Current Sample Schedule				
MW - 30	05/16/18	Not Sampled on Current Sample Schedule				
MW - 30	08/15/18	Not Sampled on Current Sample Schedule				
MW - 30	11/27/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 30	02/20/19	Not Sampled on Current Sample Schedule				
MW - 30	05/29/19	Not Sampled on Current Sample Schedule				
MW - 30	08/27/19	Not Sampled on Current Sample Schedule				
MW - 30	10/29/19	DRY				
MW - 30	03/17/20	Not Sampled on Current Sample Schedule				
MW - 30	06/09/20	Not Sampled on Current Sample Schedule				
MW - 30	08/25/20	Not Sampled on Current Sample Schedule				
MW - 30	12/17/20	DRY				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 30	03/24/21	DRY				
MW - 30	06/22/21	DRY				
MW - 30	09/09/21	DRY				
MW - 30	12/15/21	DRY				
MW - 31	03/26/02	0.0020	0.001	<0.001	<0.001	<0.001
MW - 31	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 31	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 31	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 31	03/11/03	0.0040	<0.001	0.001	<0.001	<0.001
MW - 31	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 31	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 31	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 31	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 31	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 31	03/17/05	Not Sampled on Current Sample Schedule				
MW - 31	06/15/05	Not Sampled on Current Sample Schedule				
MW - 31	09/14/05	Not Sampled on Current Sample Schedule				
MW - 31	12/13/05	<0.005	<0.005	<0.005	<0.005	
MW - 31	03/15/06	Not Sampled on Current Sample Schedule				
MW - 31	06/14/06	Not Sampled on Current Sample Schedule				
MW - 31	09/14/06	Not Sampled on Current Sample Schedule				
MW - 31	12/06/06	<0.001	<0.001	<0.001	<0.001	
MW - 31	03/02/07	Not Sampled on Current Sample Schedule				
MW - 31	05/24/07	Not Sampled on Current Sample Schedule				
MW - 31	08/23/07	Not Sampled on Current Sample Schedule				
MW - 31	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 31	03/04/08	Not Sampled on Current Sample Schedule				
MW - 31	06/11/08	Not Sampled on Current Sample Schedule				
MW - 31	09/10/08	Not Sampled on Current Sample Schedule				
MW - 31	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 31	02/26/09	Not Sampled on Current Sample Schedule				
MW - 31	05/22/09	Not Sampled on Current Sample Schedule				
MW - 31	08/18/09	Not Sampled on Current Sample Schedule				
MW - 31	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 31	02/22/10	Not Sampled on Current Sample Schedule				
MW - 31	06/03/10	Not Sampled on Current Sample Schedule				
MW - 31	08/26/10	Not Sampled on Current Sample Schedule				
MW - 31	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 31	03/09/11	Not Sampled on Current Sample Schedule				
MW - 31	05/26/11	Not Sampled on Current Sample Schedule				
MW - 31	08/19/11	Not Sampled on Current Sample Schedule				
MW - 31	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 31	02/29/12	Not Sampled on Current Sample Schedule				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 31	05/02/12	Not Sampled on Current Sample Schedule				
MW - 31	08/10/12	Not Sampled on Current Sample Schedule				
MW - 31	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 31	02/23/13	Not Sampled on Current Sample Schedule				
MW - 31	05/16/13	Not Sampled on Current Sample Schedule				
MW - 31	08/21/13	Not Sampled on Current Sample Schedule				
MW - 31	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 31	02/19/14	Not Sampled on Current Sample Schedule				
MW - 31	05/20/14	Not Sampled on Current Sample Schedule				
MW - 31	08/19/14	Not Sampled on Current Sample Schedule				
MW - 31	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 31	02/10/15	Not Sampled on Current Sample Schedule				
MW - 31	05/20/15	Not Sampled on Current Sample Schedule				
MW - 31	08/13/15	Not Sampled on Current Sample Schedule				
MW - 31	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 31	02/02/16	Not Sampled on Current Sample Schedule				
MW - 31	05/11/16	Not Sampled on Current Sample Schedule				
MW - 31	08/09/16	Not Sampled on Current Sample Schedule				
MW - 31	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 31	02/21/17	Not Sampled on Current Sample Schedule				
MW - 31	05/16/17	Not Sampled on Current Sample Schedule				
MW - 31	08/22/17	Not Sampled on Current Sample Schedule				
MW - 31	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 31	02/13/18	Not Sampled on Current Sample Schedule				
MW - 31	05/16/18	Not Sampled on Current Sample Schedule				
MW - 31	08/15/18	Not Sampled on Current Sample Schedule				
MW - 31	11/27/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 31	02/20/19	Not Sampled on Current Sample Schedule				
MW - 31	05/29/19	Not Sampled on Current Sample Schedule				
MW - 31	08/27/19	Not Sampled on Current Sample Schedule				
MW - 31	10/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 31	03/17/20	Not Sampled on Current Sample Schedule				
MW - 31	06/09/20	Not Sampled on Current Sample Schedule				
MW - 31	08/25/20	Not Sampled on Current Sample Schedule				
MW - 31	12/17/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 31	03/22/21	Not Sampled on Current Sample Schedule				
MW - 31	06/22/21	Not Sampled on Current Sample Schedule				
MW - 31	09/09/21	Not Sampled on Current Sample Schedule				
MW - 31	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 32	11/10/04	2.330	<0.050	<0.050	<0.050	
MW - 32	03/17/05	5.990	0.43	0.781	0.476	
MW - 32	06/15/05	6.230	0.112	0.637	0.196	
MW - 32	09/14/05	7.020	0.26	1.17	0.397	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 32	12/13/05	6.030	0.392	0.955	0.29	
MW - 32	03/15/06	5.140	<0.200	0.586	<0.200	
MW - 32	06/14/06	4.560	0.2	0.225	<0.200	
MW - 32	09/14/06	3.050	0.0592	0.0778	<0.05	
MW - 32	12/06/06	3.140	0.0409	0.0521	0.0428	
MW - 32	03/02/07	0.028	0.0014	0.0018	0.0012	
MW - 32	05/24/07	4.090	0.0912	0.127	0.0749	
MW - 32	08/23/07	3.560	<0.100	<0.100	<0.100	
MW - 32	11/08/07	1.170	<0.020	<0.020	<0.020	
MW - 32	03/04/08	3.590	0.103	0.13	0.106	
MW - 32	06/11/08	2.750	0.204	0.21	0.167	
MW - 32	09/10/08	2.820	0.0618	0.154	0.114	
MW - 32	12/11/08	2.290	<0.020	0.0907	0.0534	
MW - 32	02/26/09	Well Not Sampled				
MW - 32	05/22/09	2.430	0.115	0.166	0.257	
MW - 32	08/18/09	1.850	<0.010	0.0577	<0.010	
MW - 32	12/10/09	1.660	0.0126	0.0478	<0.010	
MW - 32	02/22/10	1.580	<0.010	0.0562	0.681	
MW - 32	06/03/10	1.170	0.025	0.0322	0.0391	
MW - 32	08/26/10	0.960	<0.0100	<0.0100	<0.0100	
MW - 32	12/01/10	1.120	<0.0100	0.0431	<0.0100	
MW - 32	03/09/11	1.650	<0.0100	0.136	<0.0100	
MW - 32	05/26/11	1.670	<0.0100	0.0888	<0.0100	
MW - 32	08/19/11	1.710	<0.0100	0.0657	<0.0100	
MW - 32	11/15/11	1.840	0.0424	0.0816	0.0368	
MW - 32	02/29/12	0.998	<0.010	<0.010	<0.010	
MW - 32	05/02/12	1.150	0.0686	0.114	0.159	
MW - 32	08/10/12	1.780	<0.02	<0.02	<0.06	
MW - 32	11/27/12	0.960	0.0281	0.0557	0.0334	
MW - 32	02/23/13	0.954	<0.0200	<0.0200	<0.0200	
MW - 32	05/16/13	0.954	0.0398	0.0945	0.0627	
MW - 32	08/21/13	0.998	<0.0100	0.0259	<0.0100	
MW - 32	11/11/13	1.01	<0.0500	0.0837	<0.150	
MW - 32	02/20/14	0.849	<0.0500	<0.0500	<0.150	
MW - 32	05/20/14	0.857	<0.0500	0.0535	<0.150	
MW - 32	08/19/14	1.01	<0.0500	0.0761	<0.0500	
MW - 32	11/26/14	0.914	<0.0500	<0.0500	<0.0500	
MW - 32	02/10/15	0.515	<0.0500	<0.0500	<0.0500	
MW - 32	05/20/15	0.587	<0.0500	0.0520	0.0783	
MW - 32	08/13/15	0.511	<0.0500	<0.0500	<0.0500	
MW - 32	11/11/15	0.386	<0.0500	<0.0500	<0.0500	
MW - 32	02/02/16	0.535	<0.0500	<0.0500	<0.0500	
MW - 32	05/11/16	0.170	0.00190	0.00650	0.00630	
MW - 32	08/09/16	0.302	0.00140	0.0157	0.00630	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 32	11/16/16	0.174	0.00910	0.0273	0.0199	
MW - 32	02/22/17	0.0447	<0.00200	0.0162	0.00558	
MW - 32	05/17/17	0.185	0.0122	0.0308	0.01529	
MW - 32	08/23/17	0.297	0.00728	0.0340	0.01617	
MW - 32	11/29/17	0.122	<0.00200	0.00869	0.0036	
MW - 32	02/14/18	0.0332	0.00720	0.0163	0.03680	
MW - 32	05/17/18	0.0285	0.00484	0.00936	0.01604	
MW - 32	08/16/18	0.0296	0.0119	0.0277	0.0323	
MW - 32	11/29/18	0.0235	<0.0100	0.0107	<0.0200	
MW - 32	02/21/19	0.00726	0.00315	0.00963	0.01080	
MW - 32	05/30/19	0.00376	0.00145	0.00296	0.00603	
MW - 32	08/28/19	0.00211	0.00108	0.00261	0.00222	
MW - 32	10/31/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 32	03/18/20	0.0180	0.00726	0.0129	0.01879	
MW - 32	06/10/20	0.0101	0.00612	0.0129	0.02218	
MW - 32	08/26/20	0.0223	0.0112	0.0264	0.03967	
MW - 32	12/18/20	0.00984	0.00264	0.00604	0.00690	
MW - 32	03/24/21	0.00934	0.00450	0.00915	0.01757	
MW - 32	06/23/21	0.00884	0.00346	0.00893	0.01194	
MW - 32	09/10/21	0.00260	0.00240	0.00310	0.00566	
MW - 32	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 33	11/10/04	<0.005	<0.005	<0.005	<0.005	
MW - 33	03/17/05	<0.001	<0.001	<0.001	<0.001	
MW - 33	06/15/05	<0.001	<0.001	<0.001	<0.001	
MW - 33	09/14/05	<0.005	<0.005	<0.005	<0.005	
MW - 33	12/14/05	<0.005	<0.005	<0.005	<0.005	
MW - 33	03/15/06	<0.001	<0.001	<0.001	<0.001	
MW - 33	06/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 33	09/13/06	<0.001	<0.001	<0.001	<0.001	
MW - 33	12/05/06	<0.001	<0.001	<0.001	<0.001	
MW - 33	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 33	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 33	08/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 33	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 33	03/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 33	06/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 33	09/10/08	<0.001	<0.001	<0.001	<0.001	
MW - 33	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 33	02/26/09	<0.001	<0.001	<0.001	<0.001	
MW - 33	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 33	08/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 33	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 33	02/22/10	<0.001	<0.001	<0.001	<0.001	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 33	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 33	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 33	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 33	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 33	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 33	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 33	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 33	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 33	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 33	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 33	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 33	02/23/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	05/16/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 33	02/19/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 33	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 33	08/19/14	<0.00100	<0.00100	<0.000100	<0.00100	
MW - 33	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	05/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	08/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	02/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	05/10/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	02/22/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 33	05/16/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 33	08/22/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 33	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 33	02/13/18	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 33	05/16/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 33	08/15/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 33	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 33	02/21/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 33	05/29/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 33	08/27/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 33	10/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 33	03/17/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 33	06/09/20	Not Sampled on Current Sample Schedule				
MW - 33	08/25/20	Not Sampled on Current Sample Schedule				
MW - 33	12/16/20	Not Sampled on Current Sample Schedule				
MW - 33	03/22/21	Not Sampled on Current Sample Schedule				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 33	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 33	09/09/21	Not Sampled on Current Sample Schedule				
MW - 33	12/14/21	Not Sampled on Current Sample Schedule				
MW - 34	03/15/06	0.0847	<0.001	<0.001	<0.001	
MW - 34	06/14/06	0.4200	<0.001	<0.001	<0.001	
MW - 34	09/14/06	0.7330	<0.001	<0.001	<0.001	
MW - 34	12/06/06	0.3790	<0.005	<0.005	<0.005	
MW - 34	03/01/07	0.0444	<0.001	<0.001	<0.001	
MW - 34	05/24/07	0.7200	<0.005	<0.005	<0.005	
MW - 34	08/23/07	0.4410	<0.01	<0.01	<0.01	
MW - 34	11/08/07	1.0900	<0.01	<0.01	<0.01	
MW - 34	03/04/08	0.9540	<0.005	<0.005	<0.005	
MW - 34	06/11/08	0.6790	<0.005	<0.005	<0.005	
MW - 34	09/10/08	0.4360	<0.005	<0.005	<0.005	
MW - 34	12/11/08	0.2430	<0.005	<0.005	<0.005	
MW - 34	02/27/09	0.4200	<0.005	<0.005	<0.005	
MW - 34	05/22/09	0.0296	<0.005	<0.005	<0.005	
MW - 34	08/18/09	0.0156	<0.005	<0.005	<0.005	
MW - 34	12/10/09	<0.001	<0.001	<0.001	<0.001	
MW - 34	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 34	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 34	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 34	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 34	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 34	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 34	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 34	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 34	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 34	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 34	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 34	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 34	02/23/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	05/16/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 34	02/19/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 34	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 34	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	05/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	08/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 34	02/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	05/10/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	08/08/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	02/22/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 34	05/17/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 34	08/22/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 34	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 34	02/13/18	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 34	05/16/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 34	08/15/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 34	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 34	02/21/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 34	05/29/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 34	08/27/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 34	10/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 34	03/17/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 34	06/09/20	Not Sampled on Current Sample Schedule				
MW - 34	08/25/20	Not Sampled on Current Sample Schedule				
MW - 34	12/16/20	Not Sampled on Current Sample Schedule				
MW - 34	03/22/21	Not Sampled on Current Sample Schedule				
MW - 34	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 34	09/09/21	Not Sampled on Current Sample Schedule				
MW - 34	12/14/21	Not Sampled on Current Sample Schedule				
MW - 35	03/15/06	0.3940	0.0667	0.154	0.186	
MW - 35	06/14/06	0.3620	0.0137	0.0583	0.0709	
MW - 35	09/14/06	0.6850	<0.01	0.068	0.0626	
MW - 35	12/06/06	0.1680	0.0054	0.04	0.0421	
MW - 35	03/01/07	0.0738	0.001	0.006	0.006	
MW - 35	05/24/07	0.2460	<0.001	0.0105	0.0147	
MW - 35	08/23/07	0.0687	0.0025	0.0144	0.0187	
MW - 35	11/08/07	0.1090	0.0181	0.072	0.102	
MW - 35	03/04/08	0.1410	0.0219	0.112	0.118	
MW - 35	06/11/08	0.2850	0.0226	0.13	0.129	
MW - 35	09/10/08	0.0496	0.0057	0.0269	0.0418	
MW - 35	12/11/08	0.0931	0.0116	0.0504	0.0942	
MW - 35	02/27/09	0.0500	0.0126	0.0305	0.0711	
MW - 35	05/22/09	0.0560	0.0066	0.0208	0.0208	
MW - 35	08/18/09	0.0236	<0.001	<0.001	<0.001	
MW - 35	12/10/09	0.0098	<0.001	<0.001	0.002	
MW - 35	02/22/10	0.0104	<0.001	0.0044	0.0194	
MW - 35	06/03/10	0.0079	<0.001	<0.001	0.0067	
MW - 35	08/26/10	0.0011	<0.001	<0.001	0.0014	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 35	12/01/10	0.0044	<0.001	<0.001	0.01	
MW - 35	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 35	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 35	08/19/11	0.0041	<0.001	<0.001	0.0092	
MW - 35	11/15/11	0.1690	<0.001	0.062	0.0185	
MW - 35	02/29/12	0.1460	<0.001	0.0572	0.0459	
MW - 35	05/02/12	0.0183	<0.001	0.0134	<0.001	
MW - 35	08/10/12	0.0072	<0.001	<0.001	0.0135	
MW - 35	11/27/12	0.0079	<0.001	0.0045	0.0083	
MW - 35	02/23/13	0.00920	<0.001	0.00920	0.0282	
MW - 35	05/16/13	0.00870	<0.00100	0.00670	0.0259	
MW - 35	08/21/13	0.00350	<0.00100	0.00150	0.00510	
MW - 35	11/11/13	<0.00100	<0.00100	0.00230	<0.00300	
MW - 35	02/20/14	<0.00100	<0.00100	0.00780	<0.00300	
MW - 35	05/20/14	0.00120	<0.00100	0.00480	<0.00300	
MW - 35	08/19/14	0.00430	<0.00100	0.00250	0.00460	
MW - 35	11/26/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 35	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 35	05/20/15	0.00110	<0.00100	0.00400	0.00170	
MW - 35	08/13/15	0.00190	<0.00100	0.00200	0.00670	
MW - 35	11/11/15	0.00190	<0.00100	<0.00100	0.00450	
MW - 35	02/02/16	0.00140	<0.00100	0.00560	0.00570	
MW - 35	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 35	08/09/16	<0.00100	<0.00100	0.00110	0.00390	
MW - 35	11/16/16	0.00100	<0.00100	0.00180	0.00510	
MW - 35	02/22/17	<0.00200	<0.00200	<0.00200	0.00509	
MW - 35	05/17/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 35	08/22/17	<0.00200	<0.00200	<0.00200	0.00439	
MW - 35	11/29/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 35	02/14/18	<0.00100	<0.00100	<0.00100	0.00410	
MW - 35	05/17/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 35	08/16/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 35	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 35	02/21/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 35	05/30/19	<0.00100	<0.00100	<0.00100	0.00211	
MW - 35	08/28/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 35	10/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 35	03/18/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 35	06/09/20	Not Sampled on Current Sample Schedule				
MW - 35	08/26/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 35	12/16/20	Not Sampled on Current Sample Schedule				
MW - 35	03/22/21	Not Sampled on Current Sample Schedule				
MW - 35	06/23/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 35	09/09/21	Not Sampled on Current Sample Schedule				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 35	12/14/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 36	09/28/06	0.5930	<0.05	<0.05	0.102	
MW - 36	12/06/06	1.1200	<0.01	<0.01	<0.01	
MW - 36	03/01/07	0.0074	<0.001	<0.001	<0.001	
MW - 36	05/24/07	2.2600	<0.02	<0.02	<0.02	
MW - 36	08/23/07	1.8500	<0.02	<0.02	<0.02	
MW - 36	11/08/07	3.8300	0.217	0.213	<0.1	
MW - 36	03/04/08	1.3000	<0.001	<0.001	<0.001	
MW - 36	06/11/08	0.9000	<0.010	<0.010	<0.010	
MW - 36	09/10/08	0.4140	<0.0050	<0.0050	<0.0050	
MW - 36	12/11/08	0.2280	<0.010	<0.010	<0.010	
MW - 36	02/27/09	0.2670	<0.010	<0.010	<0.010	
MW - 36	05/22/09	0.1060	<0.010	<0.010	<0.010	
MW - 36	08/18/09	0.0663	<0.010	<0.010	<0.010	
MW - 36	12/10/09	0.0305	<0.001	<0.001	<0.001	
MW - 36	02/22/10	0.0769	<0.001	<0.001	<0.001	
MW - 36	06/03/10	0.0545	<0.001	<0.001	<0.001	
MW - 36	08/26/10	0.0283	<0.001	<0.001	<0.001	
MW - 36	12/01/10	0.0064	<0.001	<0.001	<0.001	
MW - 36	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 36	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 36	08/19/11	<0.001	<0.001	<0.001	<0.001	
MW - 36	11/15/11	0.0044	<0.001	<0.001	<0.001	
MW - 36	02/29/12	0.0077	<0.001	<0.001	<0.001	
MW - 36	05/02/12	0.0099	<0.001	<0.001	<0.001	
MW - 36	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 36	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 36	02/23/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	05/16/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 36	02/19/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 36	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 36	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	05/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	08/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	02/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	08/08/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 36	02/22/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 36	05/17/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 36	08/23/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 36	11/28/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 36	02/13/18	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 36	05/17/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 36	08/15/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 36	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 36	02/21/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 36	05/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 36	08/27/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 36	10/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 36	03/17/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 36	06/09/20	Not Sampled on Current Sample Schedule				
MW - 36	08/25/20	Not Sampled on Current Sample Schedule				
MW - 36	12/16/20	Not Sampled on Current Sample Schedule				
MW - 36	03/22/21	Not Sampled on Current Sample Schedule				
MW - 36	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 36	09/09/21	Not Sampled on Current Sample Schedule				
MW - 36	12/14/21	Not Sampled on Current Sample Schedule				
MW - 37	09/28/06	<0.02	<0.02	<0.02	<0.02	
MW - 37	12/06/06	<0.001	<0.001	<0.001	0.001	
MW - 37	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 37	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 37	08/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 37	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 37	03/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 37	06/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 37	09/10/08	<0.001	<0.001	<0.001	<0.001	
MW - 37	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 37	02/26/09	<0.001	<0.001	<0.001	<0.001	
MW - 37	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 37	08/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 37	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 37	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 37	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 37	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 37	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 37	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 37	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 37	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 37	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 37	02/29/12	<0.001	<0.001	<0.001	<0.001	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 37	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 37	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 37	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 37	02/23/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	05/16/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 37	02/19/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 37	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 37	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	05/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	08/13/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	02/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	02/22/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 37	05/17/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 37	08/23/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 37	11/29/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 37	02/13/18	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 37	05/17/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 37	08/16/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 37	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 37	02/21/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 37	05/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 37	08/27/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 37	10/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 37	03/18/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 37	06/09/20	Not Sampled on Current Sample Schedule				
MW - 37	08/25/20	Not Sampled on Current Sample Schedule				
MW - 37	12/16/20	Not Sampled on Current Sample Schedule				
MW - 37	03/22/21	Not Sampled on Current Sample Schedule				
MW - 37	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 37	09/09/21	Not Sampled on Current Sample Schedule				
MW - 37	12/14/21	Not Sampled on Current Sample Schedule				
MW - 38	09/28/06	<0.001	<0.001	<0.001	<0.001	
MW - 38	12/06/06	<0.001	<0.001	<0.001	<0.001	
MW - 38	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 38	05/24/07	<0.001	<0.001	<0.001	<0.001	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 38	08/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 38	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 38	03/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 38	06/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 38	09/10/08	<0.001	<0.001	<0.001	<0.001	
MW - 38	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 38	02/26/09	<0.001	<0.001	<0.001	<0.001	
MW - 38	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 38	08/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 38	12/09/09	0.0070	<0.001	<0.001	<0.001	
MW - 38	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 38	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 38	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 38	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 38	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 38	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 38	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 38	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 38	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 38	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 38	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 38	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 38	02/23/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	05/16/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 38	02/19/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 38	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 38	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	05/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	08/13/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	02/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	02/22/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 38	05/17/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 38	08/23/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 38	11/29/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 38	02/13/18	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 38	05/17/18	<0.00200	<0.00200	<0.00200	<0.00400	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 38	08/16/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 38	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 38	02/21/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 38	05/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 38	08/27/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 38	10/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 38	03/18/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 38	06/09/20	Not Sampled on Current Sample Schedule				
MW - 38	08/25/20	Not Sampled on Current Sample Schedule				
MW - 38	12/16/20	Not Sampled on Current Sample Schedule				
MW - 38	03/22/21	Not Sampled on Current Sample Schedule				
MW - 38	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 38	09/09/21	Not Sampled on Current Sample Schedule				
MW - 38	12/14/21	Not Sampled on Current Sample Schedule				
MW - 39	12/03/07	<0.001	<0.001	<0.001	<0.001	
MW - 39	03/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 39	06/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 39	09/10/08	<0.001	<0.001	<0.001	<0.001	
MW - 39	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 39	02/26/09	<0.001	<0.001	<0.001	<0.001	
MW - 39	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 39	08/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 39	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 39	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 39	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 39	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 39	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 39	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 39	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 39	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 39	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 39	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 39	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 39	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 39	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 39	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	05/15/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 39	02/19/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 39	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 39	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 39	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	05/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	08/13/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	02/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	02/22/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 39	05/17/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 39	08/23/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 39	11/29/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 39	02/13/18	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 39	05/17/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 39	08/16/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 39	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 39	02/21/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 39	05/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 39	08/28/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 39	10/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 39	03/18/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 39	06/09/20	Not Sampled on Current Sample Schedule				
MW - 39	08/25/20	Not Sampled on Current Sample Schedule				
MW - 39	12/16/20	Not Sampled on Current Sample Schedule				
MW - 39	03/22/21	Not Sampled on Current Sample Schedule				
MW - 39	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 39	09/09/21	Not Sampled on Current Sample Schedule				
MW - 39	12/14/21	Not Sampled on Current Sample Schedule				
MW - 40	12/03/07	0.5570	<0.01	<0.01	<0.01	
MW - 40	12/20/07	0.4950	<0.005	<0.005	0.007	
MW - 40	03/04/08	0.7090	<0.005	<0.005	<0.005	
MW - 40	06/11/08	0.5120	<0.005	<0.005	<0.005	
MW - 40	09/10/08	0.4640	<0.005	0.0109	0.017	
MW - 40	12/11/08	0.2430	<0.005	<0.005	<0.005	
MW - 40	02/27/09	0.2110	<0.005	<0.005	<0.005	
MW - 40	05/22/09	0.2240	<0.005	<0.005	0.0613	
MW - 40	08/18/09	0.1900	<0.005	<0.005	<0.005	
MW - 40	12/10/09	0.0795	<0.001	<0.001	<0.001	
MW - 40	02/22/10	0.1470	<0.001	<0.001	<0.001	
MW - 40	06/03/10	0.0122	<0.001	<0.001	<0.001	
MW - 40	08/26/10	Not Sampled				
MW - 40	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 40	03/09/11	<0.001	<0.001	<0.001	<0.001	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 40	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 40	08/19/11	<0.001	<0.001	<0.001	<0.001	
MW - 40	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 40	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 40	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 40	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 40	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 40	02/23/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	05/16/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 40	02/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 40	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 40	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	05/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	08/13/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	02/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	02/22/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 40	05/17/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 40	08/23/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 40	11/29/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 40	02/13/18	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 40	05/17/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 40	08/16/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 40	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 40	02/21/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 40	05/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 40	08/28/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 40	10/30/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 40	03/18/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 40	06/09/20	Not Sampled on Current Sample Schedule				
MW - 40	08/25/20	Not Sampled on Current Sample Schedule				
MW - 40	12/16/20	Not Sampled on Current Sample Schedule				
MW - 40	03/22/21	Not Sampled on Current Sample Schedule				
MW - 40	06/22/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 40	09/09/21	Not Sampled on Current Sample Schedule				
MW - 40	12/14/21	Not Sampled on Current Sample Schedule				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENE
*Well MW-16 was resampled on 9/16/14 due to inconsistent laboratory analytical results.						

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-1	12/11/08	Not Sampled Due to Insufficient Water Volume																		
MW-1	12/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0105	<0.000184	0.0155	<0.000184	0.0744	0.140	0.130	0.0111	
MW-1	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	12/16/11	Not Sampled due to the presence of PSH.																		
MW-1	11/27/12	Not Sampled due to the presence of PSH.																		
MW-1	11/11/13	Not Sampled due to the presence of PSH.																		
MW-1	11/26/14	Not Sampled due to the presence of PSH.																		
MW-1	11/10/15	Not Sampled due to the presence of PSH.																		
MW-1	11/15/16	Not Sampled due to the presence of PSH.																		
MW-1	11/29/17	Not Sampled due to the presence of PSH.																		
MW-1	11/27/18	Not Sampled due to the presence of PSH.																		
MW-1	10/29/19	Not Sampled due to the presence of PSH.																		
MW-1	12/18/20	Not Sampled due to the presence of PSH.																		
MW-1	12/15/21	Not Sampled due to the presence of PSH.																		
MW-2	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-2	12/09/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-2	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/27/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/27/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	10/29/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	12/18/20	Not Sampled due to the presence of PSH.																		
MW-2	12/15/21	Not Sampled due to the presence of PSH.																		
MW-3	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-3	12/09/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-3	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/27/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	10/29/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	12/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	12/11/08	Not Sampled Due to Insufficient Water Volume																		
MW-4	12/10/09	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	0.0766	<0.00183	0.226	0.616	0.578	0.0478
MW-4	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	12/16/11	Not Sampled due to the presence of PSH.																		
MW-4	11/27/12	Not Sampled due to the presence of PSH.																		
MW-4	11/11/13	Not Sampled due to the presence of PSH.																		
MW-4	11/25/14	Not Sampled due to the presence of PSH.																		
MW-4	11/10/15	Not Sampled due to the presence of PSH.																		
MW-4	11/15/16	Not Sampled due to the presence of PSH.																		
MW-4	11/29/17	Not Sampled due to the presence of PSH.																		
MW-4	11/27/18	Not Sampled due to the presence of PSH.																		
MW-4	10/29/19	Not Sampled due to the presence of PSH.																		
MW-4	12/18/20	Not Sampled due to the presence of PSH.																		
MW-4	12/15/21	0.0026	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0042	<0.00010	0.0056	<0.00010	0.132			0.0044	
MW-6	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000207	<0.000184	<0.000184	<0.000184
MW-6	12/09/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-6	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	10/30/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	12/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	12/11/08	<0.000917	<0.000917	0.00181	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0188	<0.000917	0.0287	<0.000917	0.109	0.232	0.197	0.0205
MW-7	12/10/09	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	0.461	<0.00463	1.27	3.48	3.24	0.284
MW-7	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	12/16/11	Not Sampled due to the presence of PSH.																		
MW-7	11/27/12	Not Sampled due to the presence of PSH.																		
MW-7	11/11/13	Not Sampled due to the presence of PSH.																		
MW-7	11/25/14	Not Sampled due to the presence of PSH.																		
MW-7	11/10/15	Not Sampled due to the presence of PSH.																		
MW-7	11/15/16	Not Sampled due to the presence of PSH.																		
MW-7	11/29/17	Not Sampled due to the presence of PSH.																		
MW-7	11/27/18	Not Sampled due to the presence of PSH.																		
MW-7	10/29/19	Not Sampled due to the presence of PSH.																		
MW-7	12/18/20	Not Sampled due to the presence of PSH.																		
MW-7	12/16/21	Not Sampled due to the presence of PSH.																		
MW-9	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000278	0.000431	<0.000184	0.000624
MW-9	12/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00149	0.0013	0.00042	0.000837
MW-9	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-9	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	10/31/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/18/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-10	12/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-10	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/27/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	10/30/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	12/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000386	<0.000183	0.00228	0.00306	0.000266	0.00105	
MW-11	12/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00621	0.00664	0.00103	0.00103	
MW-11	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/16/11	Not Sampled due to the presence of PSH.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-11	11/27/12	Not Sampled due to the presence of PSH.																		
MW-11	11/12/13	Not Sampled due to the presence of PSH.																		
MW-11	11/26/14	Not Sampled due to the presence of PSH.																		
MW-11	11/10/15	Not Sampled due to the presence of PSH.																		
MW-11	11/15/16	Not Sampled due to the presence of PSH.																		
MW-11	11/29/17	Not Sampled due to the presence of PSH.																		
MW-11	11/27/18	Not Sampled due to the presence of PSH.																		
MW-11	10/29/19	Not Sampled due to the presence of PSH.																		
MW-11	12/18/20	Not Sampled due to the presence of PSH.																		
MW-11	12/15/21	0.0021	0.00081	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0037	<0.00010	0.0051	<0.00010	0.164			0.0047	
MW-12	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-12	12/09/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-12	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	10/30/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/16/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-13	12/09/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-13	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																			
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran	
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---		
MW-13	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	11/27/17	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	11/27/18	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	10/29/19	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	12/17/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00138	<0.000183	0.00105	<0.000183	0.0374	0.0259	0.0207	0.00177		
MW-14	12/10/09	<0.000184	<0.000184	0.00103	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00101	<0.000184	0.00746	0.0121	0.00844	0.00113		
MW-14	11/30/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0116	<0.000184	0.000769	<0.000184	0.0313	0.0206	0.0165	0.00132
MW-14	12/16/11	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00106	<0.000183	0.000973	<0.000183	0.0355	0.0256	0.0224	0.00178
MW-14	11/27/12	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	0.0012	<0.000190	0.0012	<0.000190	0.0336	0.022	0.027	0.00266
MW-14	11/12/13	<0.000200	<0.000200	0.00526	0.0185	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0054	<0.000200	<0.000200	<0.000200	<0.000200	0.00677	<0.000200	0.0406	<0.000200	<0.000200	<0.000200
MW-14	11/26/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.00138	<0.000200	<0.000200	<0.000200	0.00927	0.0457	0.0124	0.00274
MW-14	11/10/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-14	11/16/16	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-14	11/29/17	<0.000349	0.000231	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	0.00201	<0.000109	0.00159	<0.000109	0.0133			0.00194
MW-14	11/29/18	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00040	<0.00011	0.00046	<0.00011	0.0163			0.00053
MW-14	10/31/19	<0.000099	0.00017	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	0.00067	<0.000099	0.00061	<0.000099	0.0150			0.0012
MW-14	12/18/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	12/11/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
MW-15	12/09/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-15	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																			

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-15	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	10/30/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	12/16/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	12/16/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-16	12/10/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
MW-16	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/27/18	DRY																		
MW-16	10/29/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/18/20	DRY																		
MW-16	12/15/21	DRY																		
MW-17	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-17	12/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-17	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-17	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	10/31/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	12/16/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-18	12/09/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-18	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	11/27/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	10/30/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	12/17/20	DRY																		
MW-18	12/15/21	DRY																		
MW-19	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-19	12/09/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
MW-19	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-19	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-19	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-19	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-19	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-19	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-19	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-19	11/27/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-19	11/27/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-19	10/29/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-19	12/17/20	DRY																		
MW-19	12/14/21	DRY																		
MW-21	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-21	12/09/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-21	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/27/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	10/29/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	12/17/20	DRY																		
MW-21	12/15/21	DRY																		
MW-23	12/11/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
MW-23	12/09/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-23	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/27/18	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-23	10/29/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	12/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-24	12/09/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-24	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/24/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	10/30/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	12/16/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-25	12/09/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-25	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/27/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	10/29/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	12/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																	
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---
MW-26	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00106	0.000552	0.000224	<0.000183
MW-26	12/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00128	<0.000184	<0.000184	<0.000184
MW-26	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																	
MW-26	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																	
MW-26	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																	
MW-26	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																	
MW-26	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																	
MW-26	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																	
MW-26	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																	
MW-26	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																	
MW-26	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																	
MW-26	10/31/19	Not Sampled as part of Quarterly Monitoring Event.																	
MW-26	12/18/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-26	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-28	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000215	<0.000183	<0.000183	<0.000183	0.00247	0.00148	0.000516	0.000618
MW-28	12/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00315	0.00217	0.000988	0.000758
MW-28	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																	
MW-28	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																	
MW-28	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																	
MW-28	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																	
MW-28	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																	
MW-28	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																	
MW-28	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																	
MW-28	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																	
MW-28	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																	
MW-28	10/31/19	Not Sampled as part of Quarterly Monitoring Event.																	
MW-28	12/18/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-28	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-29	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000628	<0.000183	0.000394	<0.000183	0.00944	0.00384	0.00161	0.000995
MW-29	12/10/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.0136	0.00668	0.00332	0.00125

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-29	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-29	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-29	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-29	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-29	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-29	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-29	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-29	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-29	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-29	10/30/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-29	12/16/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-29	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-30	12/09/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-30	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	11/27/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	10/29/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	12/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	12/15/21	DRY																		
MW-31	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-31	12/09/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-31	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-31	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-31	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-31	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-31	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-31	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-31	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-31	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-31	11/27/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-31	10/30/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-31	12/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-31	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-32	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000357	<0.000183	<0.000183	<0.000183	0.000798	0.000604	<0.000183	0.000688	
MW-32	12/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00284	0.00181	<0.000184	0.000877	
MW-32	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-32	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-32	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-32	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-32	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-32	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-32	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-32	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-32	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-32	10/31/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-32	12/18/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-32	12/15/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-33	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-33	12/09/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-33	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-33	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-33	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-33	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-33	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-33	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-33	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-33	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-33	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-33	10/30/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-33	12/16/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-33	12/14/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-34	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-34	12/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-34	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-34	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-34	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-34	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-34	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-34	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-34	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-34	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-34	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-34	10/30/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-34	12/16/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-34	12/14/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-35	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-35	12/10/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-35	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-35	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-35	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-35	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-35	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-35	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-35	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-35	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-35	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-35	10/30/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-35	12/16/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-35	12/14/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-36	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000315	<0.000184	0.00744	0.0012	0.000186	0.000517
MW-36	12/10/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000516	<0.000185	<0.000185	<0.000185
MW-36	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-36	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-36	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-36	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-36	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-36	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-36	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-36	11/28/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-36	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-36	10/30/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-36	12/16/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-36	12/14/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-37	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-37	12/09/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-37	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-37	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-37	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-37	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-37	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-37	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-37	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-37	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-37	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-37	10/30/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-37	12/16/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-37	12/14/21	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L		0.03 mg/L		---
MW-38	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-38	12/09/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-38	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-38	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-38	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-38	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-38	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-38	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-38	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-38	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-38	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-38	10/30/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-38	12/16/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-38	12/14/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-39	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-39	12/09/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-39	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-39	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-39	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-39	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-39	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-39	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-39	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-39	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-39	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-39	10/30/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-39	12/16/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-39	12/14/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-40	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-40	12/10/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-40	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-40	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-40	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-40	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-40	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-40	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-40	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-40	11/29/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-40	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-40	10/30/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-40	12/16/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-40	12/14/21	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 7

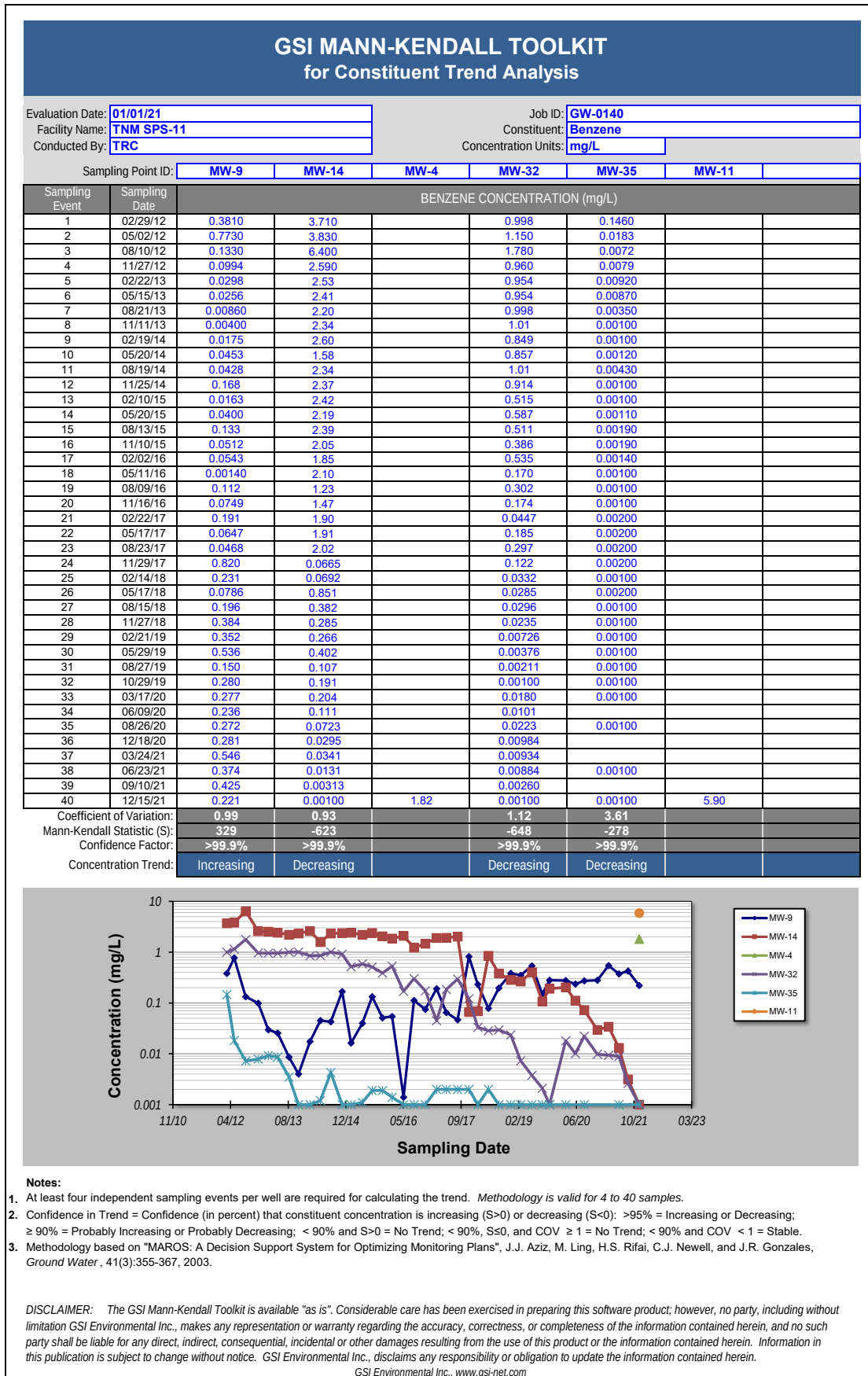


TABLE 8

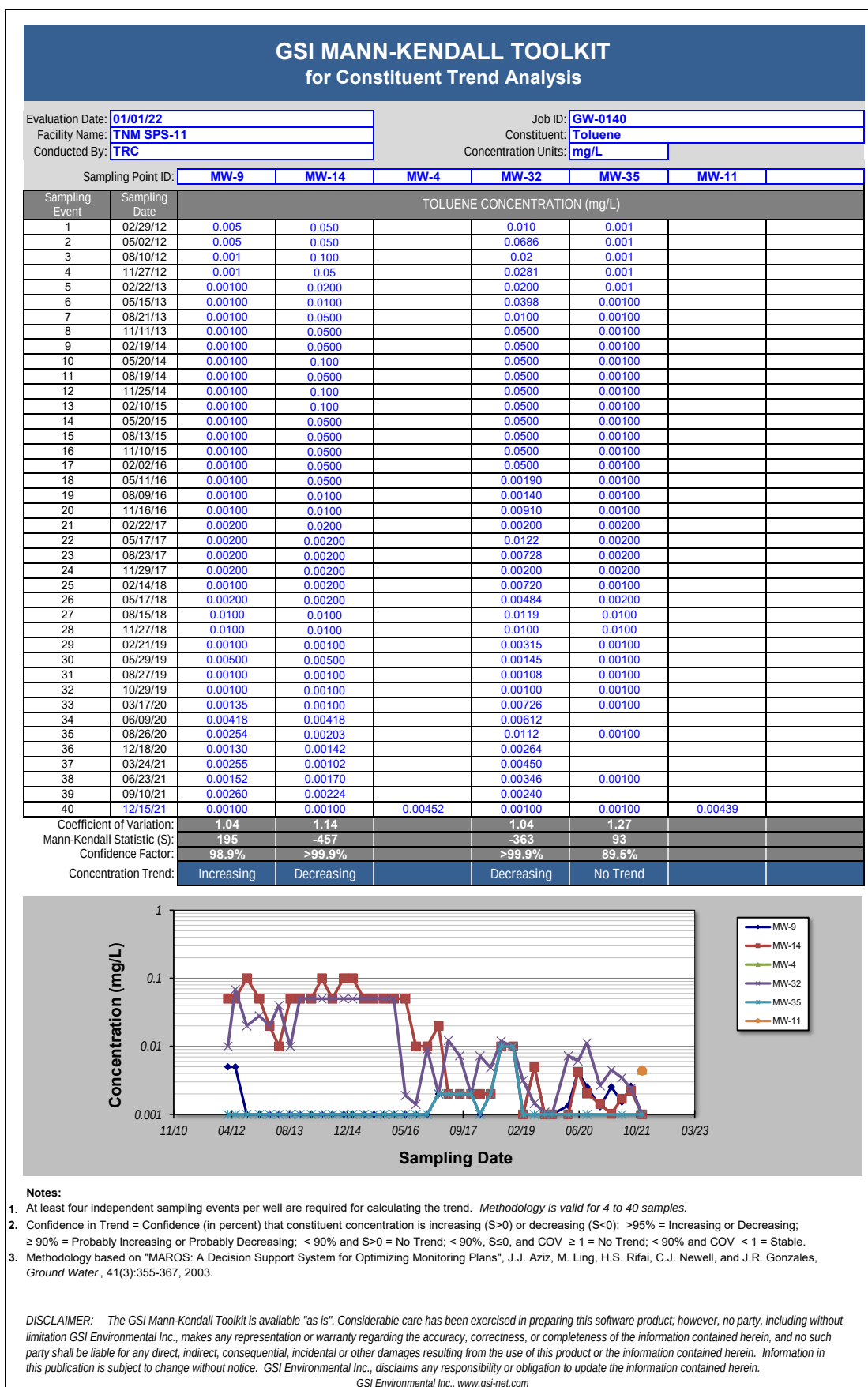


TABLE 9

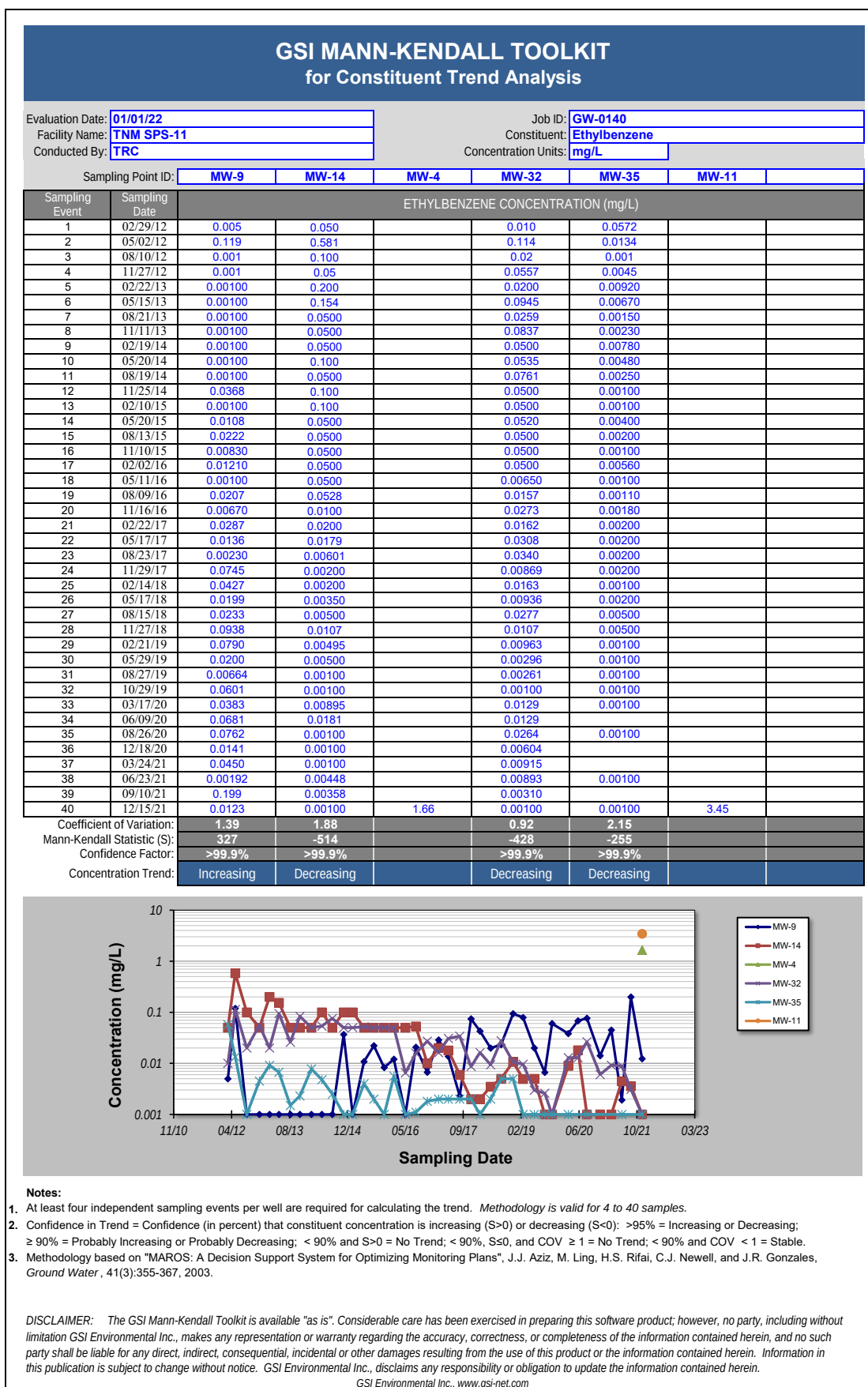


TABLE 10

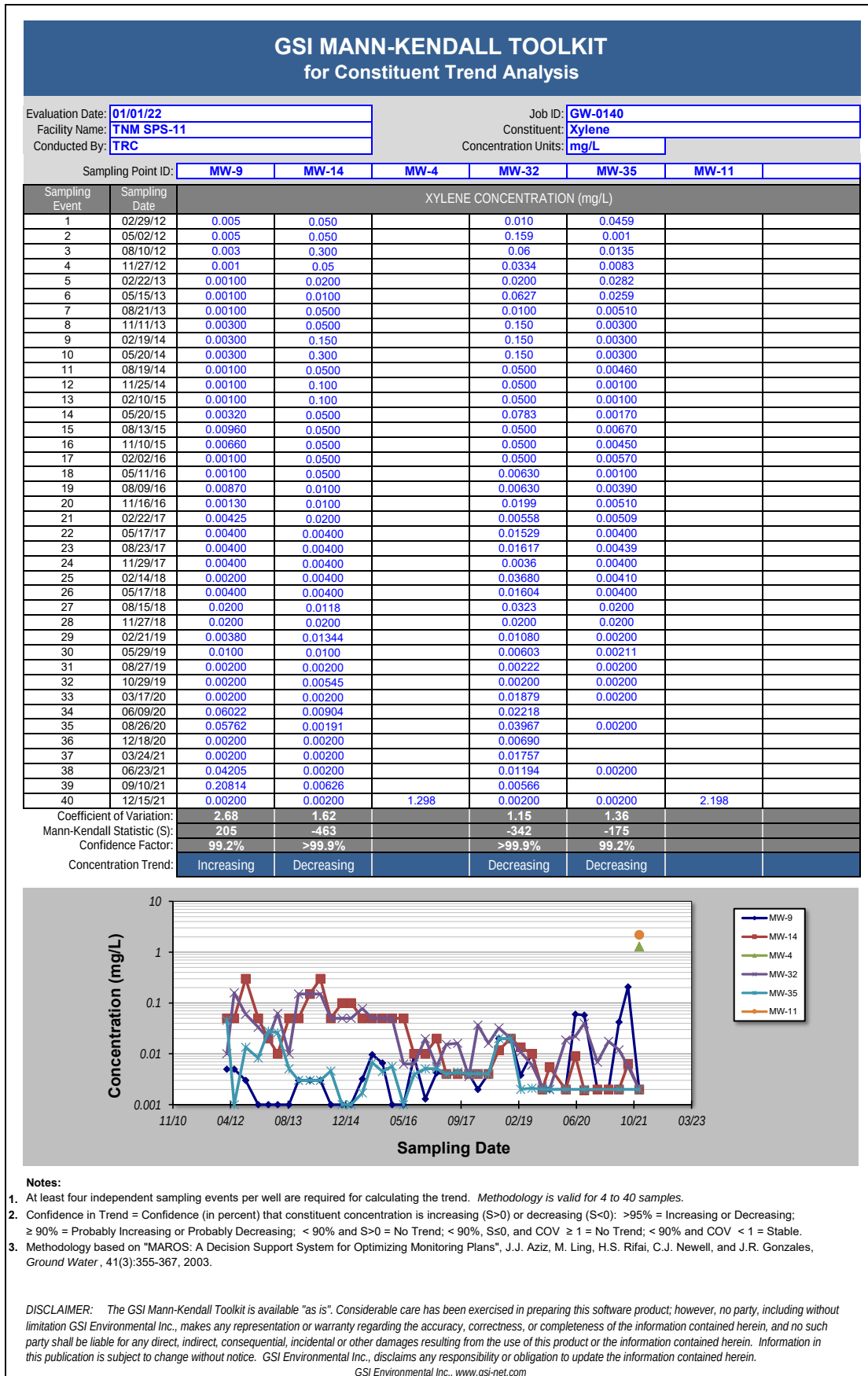


TABLE 11

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis								
Evaluation Date: 01/01/22		Job ID: GW-0140						
Facility Name: TNM SPS-11		Constituent: Total Organic Carbon (TOC)						
Conducted By: TRC		Concentration Units: mg/L						
Sampling Point ID:		MW-9	MW-14	MW-4	MW-32	MW-35	MW-11	
Sampling Event	Sampling Date	TOTAL ORGANIC CARBON (TOC) CONCENTRATION (mg/L)						
1	12/14/21	50.7	53.0	1.88	3.07	8.07	17.6	
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 12

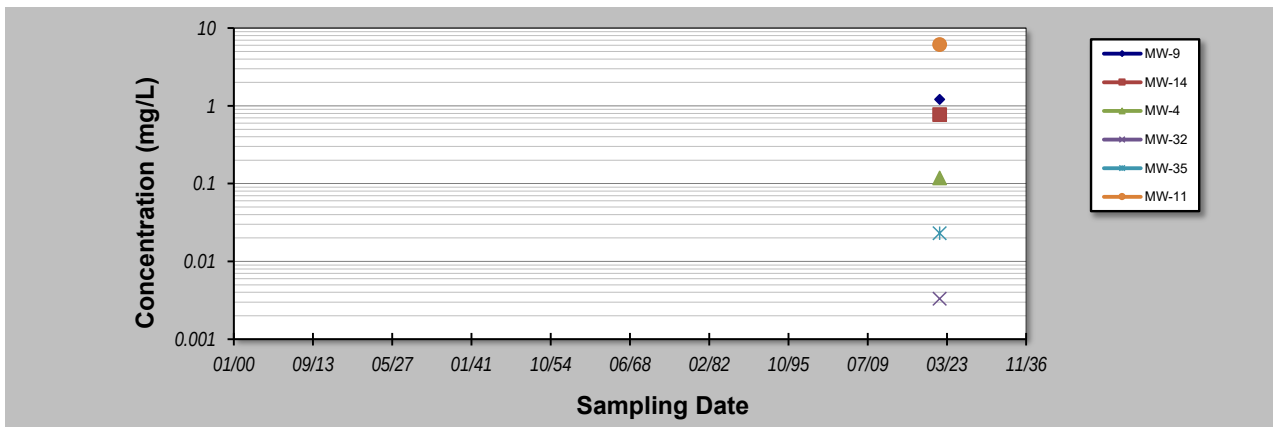
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: GW-0140	
Facility Name: TNM SPS-11		Constituent: Dissolved Methane (RSK-175)	
Conducted By: TRC		Concentration Units: mg/L	

Sampling Point ID:	MW-9	MW-14	MW-4	MW-32	MW-35	MW-11	

Sampling Event	Sampling Date	DISSOLVED METHANE (RSK-175) CONCENTRATION (mg/L)						
1	12/14/21	1.21	0.769	0.118	0.00332	0.0230	6.12	
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 13

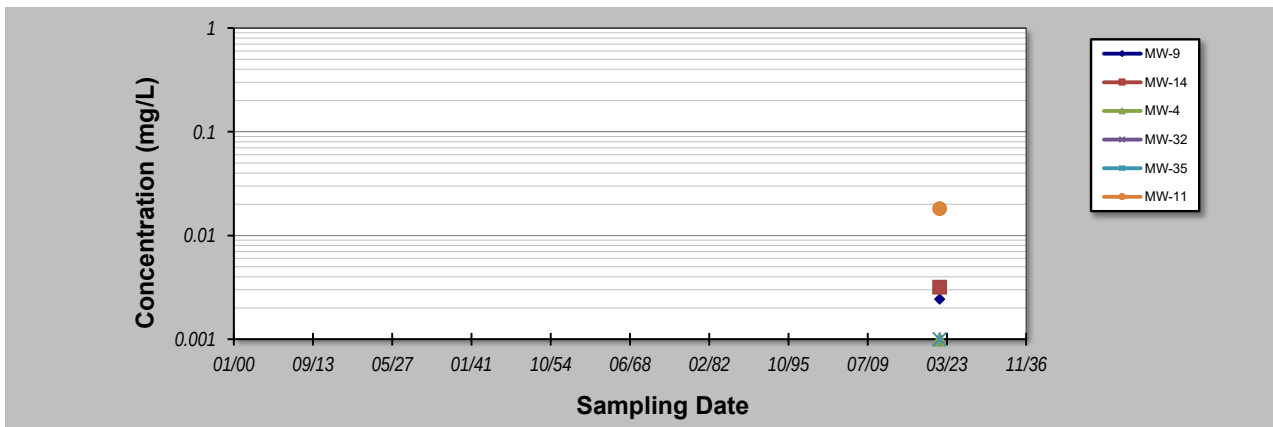
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/00/00		Job ID: GW-0140	
Facility Name: TNM SPS-11		Constituent: Dissolved Ethane (RSK-175)	
Conducted By: TRC		Concentration Units: mg/L	

Sampling Point ID:	MW-9	MW-14	MW-4	MW-32	MW-35	MW-11

Sampling Event	Sampling Date	DISSOLVED ETHANE (RSK-175) CONCENTRATION (mg/L)					
1	12/14/21	0.00243	0.00317	0.00100	0.00100	0.00100	0.0182
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 14

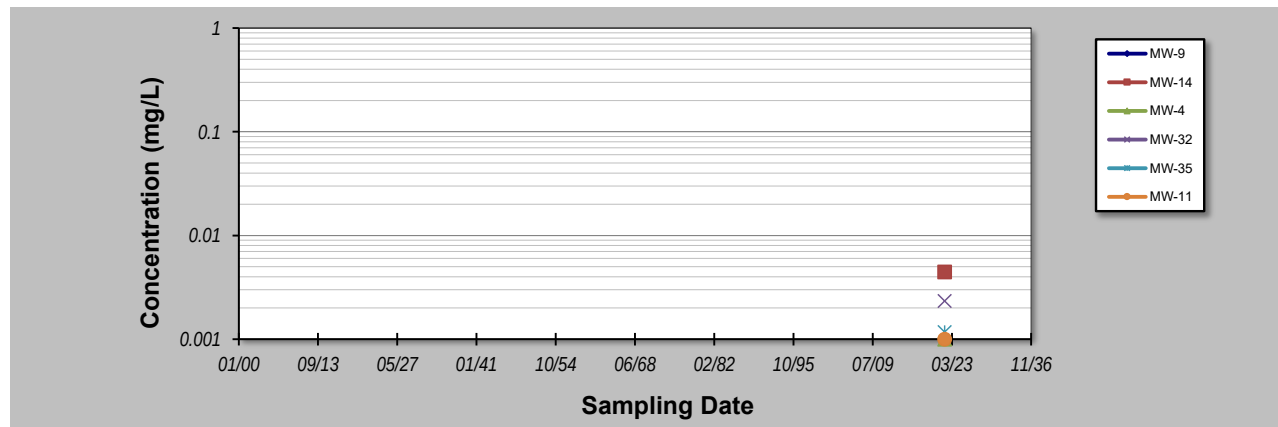
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: GW-0140	
Facility Name: TNM SPS-11		Constituent: Dissolved Ethene (RSK-175)	
Conducted By: TRC		Concentration Units: mg/L	

Sampling Point ID:	MW-9	MW-14	MW-4	MW-32	MW-35	MW-11

Sampling Event	Sampling Date	DISSOLVED ETHENE (RSK-175) CONCENTRATION (mg/L)					
1	12/14/21	0.00100	0.00445	0.00100	0.00233	0.00117	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 15

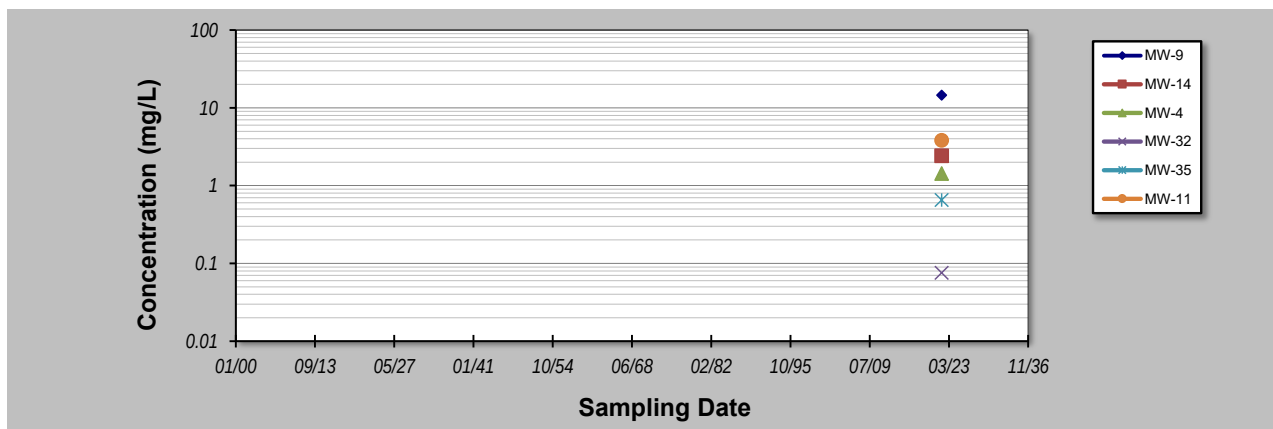
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: GW-0140	
Facility Name: TNM SPS-11		Constituent: Dissolved Iron (filtered)	
Conducted By: TRC		Concentration Units: mg/L	

Sampling Point ID:		MW-9	MW-14	MW-4	MW-32	MW-35	MW-11

Sampling Event	Sampling Date	DISSOLVED IRON (FILTERED) CONCENTRATION (mg/L)					
1	12/14/21	14.5	2.42	1.43	0.0758	0.651	3.82
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 16

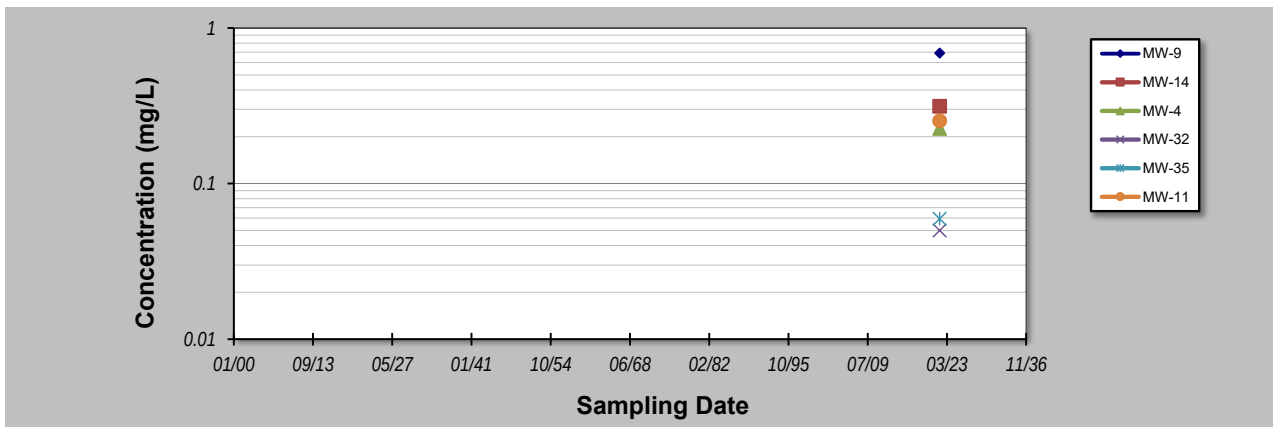
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: GW-0140	
Facility Name: TNM SPS-11		Constituent: Dissolved Manganese (filtered)	
Conducted By: TRC		Concentration Units: mg/L	

Sampling Point ID:	MW-9	MW-14	MW-4	MW-32	MW-35	MW-11

Sampling Event	Sampling Date	DISSOLVED MANGANESE (FILTERED) CONCENTRATION (mg/L)					
1	12/14/21	0.691	0.314	0.226	0.0499	0.0595	0.253
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 17

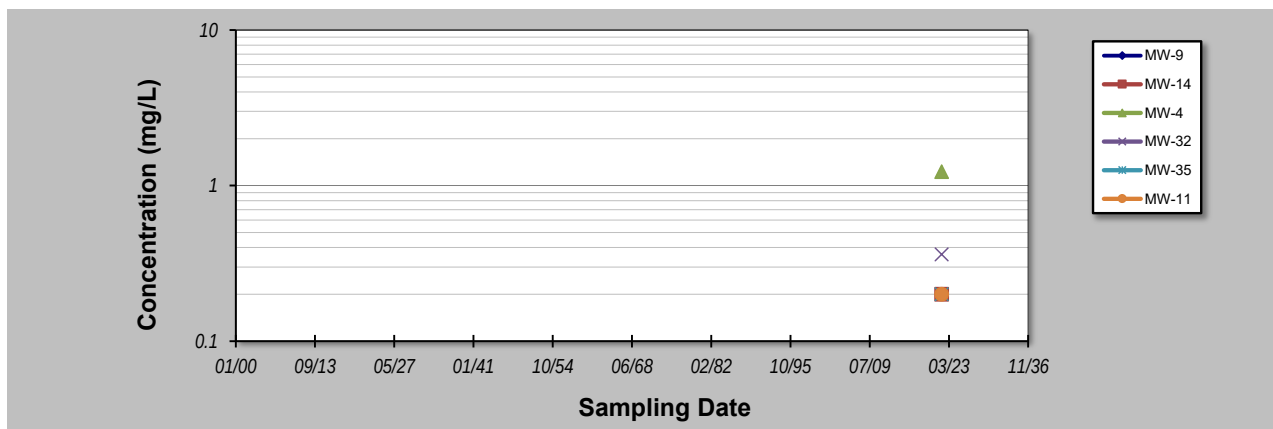
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: GW-0140	
Facility Name: TNM SPS-11		Constituent: Nitrate	
Conducted By: TRC		Concentration Units: mg/L	

Sampling Point ID:	MW-9	MW-14	MW-4	MW-32	MW-35	MW-11	

Sampling Event	Sampling Date	NITRATE CONCENTRATION (mg/L)						
1	12/14/21	0.200	0.200	1.23	0.361	0.200	0.200	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

Coefficient of Variation:							
Mann-Kendall Statistic (S):							
Confidence Factor:							
Concentration Trend:							

**Notes:**

- 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

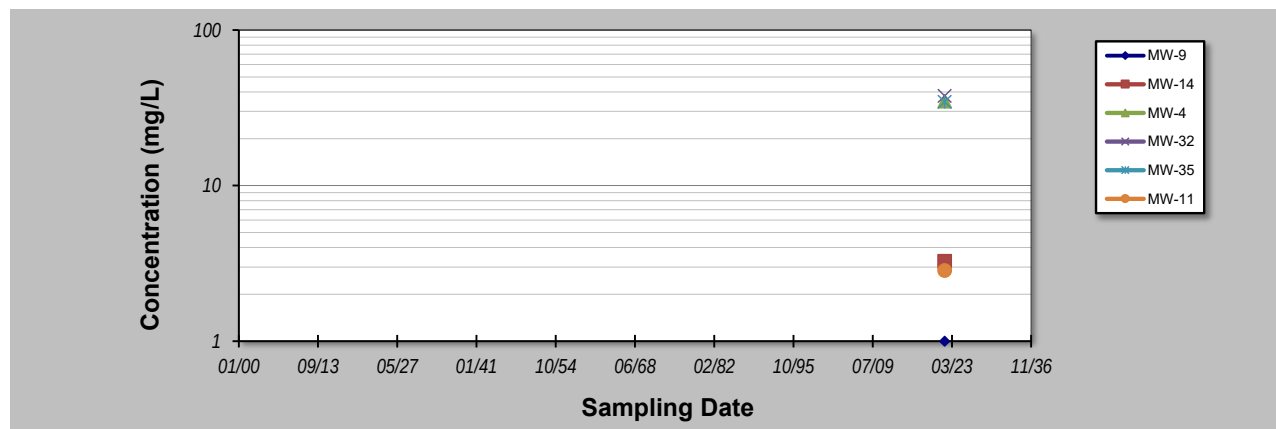
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: GW-0140	
Facility Name: TNM SPS-11		Constituent: Sulfate	
Conducted By: TRC		Concentration Units: mg/L	

Sampling Point ID:	MW-9	MW-14	MW-4	MW-32	MW-35	MW-11	

Sampling Event	Sampling Date	SULFATE CONCENTRATION (mg/L)					
1	12/14/21	1.00	3.26	34.9	37.8	34.5	2.85
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

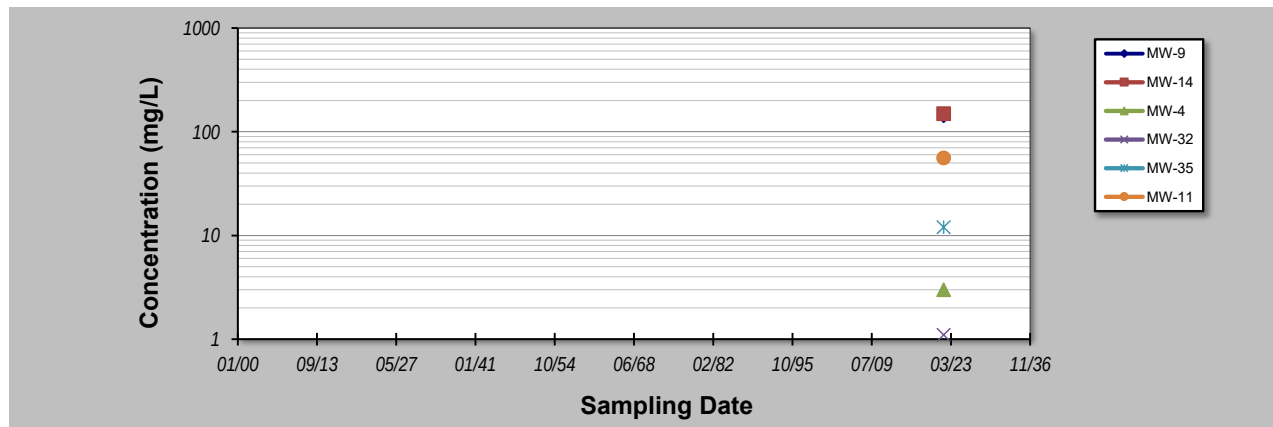
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: GW-0140	
Facility Name: TNM SPS-11		Constituent: Chemical Oxygen Demand (COD)	
Conducted By: TRC		Concentration Units: mg/L	

Sampling Point ID:	MW-9	MW-14	MW-4	MW-32	MW-35	MW-11

Sampling Event	Sampling Date	CHEMICAL OXYGEN DEMAND (COD) CONCENTRATION (mg/L)					
1	12/14/21	137	149	3.00	1.10	12.0	56.0
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: SPS-11
Project Number: TNM SPS -11
Location:
Lab Order Number: 1C26005



NELAP/TCEQ # T104704516-17-8

Report Date: 04/12/21

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

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW10	1C26005-01	Water	03/23/21 15:07	03-26-2021 09:07
MW6	1C26005-02	Water	03/23/21 15:37	03-26-2021 09:07
MW28	1C26005-03	Water	03/23/21 16:05	03-26-2021 09:07
MW26	1C26005-04	Water	03/24/21 11:17	03-26-2021 09:07
MW32	1C26005-05	Water	03/24/21 11:40	03-26-2021 09:07
MW14	1C26005-06	Water	03/24/21 12:09	03-26-2021 09:07
MW9	1C26005-07	Water	03/24/21 12:42	03-26-2021 09:07
MW2	1C26005-08	Water	03/24/21 13:17	03-26-2021 09:07
MW1	1C26005-09	Water	03/24/21 14:10	03-26-2021 09:07

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

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW10
1C26005-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	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		103 %	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW6

1C26005-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	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		99.6 %	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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Midland TX, 79705

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW28

1C26005-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	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		105 %	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
10 Desta Dr STE 150E
Midland TX, 79705

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW26

1C26005-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0113	0.00100	mg/L	1	P1C2913	03/29/21	04/06/21	EPA 8021B	
Toluene	0.00562	0.00100	mg/L	1	P1C2913	03/29/21	04/06/21	EPA 8021B	
Ethylbenzene	0.00167	0.00100	mg/L	1	P1C2913	03/29/21	04/06/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1C2913	03/29/21	04/06/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1C2913	03/29/21	04/06/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1C2913	03/29/21	04/06/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		102 %	80-120		P1C2913	03/29/21	04/06/21	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW32

1C26005-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00934	0.00100	mg/L	1	P1C2913	03/29/21	04/06/21	EPA 8021B	
Toluene	0.00450	0.00100	mg/L	1	P1C2913	03/29/21	04/06/21	EPA 8021B	
Ethylbenzene	0.00915	0.00100	mg/L	1	P1C2913	03/29/21	04/06/21	EPA 8021B	
Xylene (p/m)	0.0139	0.00200	mg/L	1	P1C2913	03/29/21	04/06/21	EPA 8021B	
Xylene (o)	0.00367	0.00100	mg/L	1	P1C2913	03/29/21	04/06/21	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>108 %</i>	<i>80-120</i>		<i>P1C2913</i>	<i>03/29/21</i>	<i>04/06/21</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>106 %</i>	<i>80-120</i>		<i>P1C2913</i>	<i>03/29/21</i>	<i>04/06/21</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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10 Desta Dr STE 150E
Midland TX, 79705

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW14

1C26005-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0341	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Toluene	0.00102	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-120		P1D0502	04/05/21	04/06/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1D0502	04/05/21	04/06/21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW9

1C26005-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.546	0.0100	mg/L	10	P1D0502	04/05/21	04/06/21	EPA 8021B	
Toluene	0.00255	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Ethylbenzene	0.0450	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.0 %	80-120		P1D0502	04/05/21	04/06/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		89.5 %	80-120		P1D0502	04/05/21	04/06/21	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW2

1C26005-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.256	0.0100	mg/L	10	P1D0502	04/05/21	04/06/21	EPA 8021B
Toluene	0.0937	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B
Ethylbenzene	1.74	0.0100	mg/L	10	P1D0502	04/05/21	04/06/21	EPA 8021B
Xylene (p/m)	1.03	0.0200	mg/L	10	P1D0502	04/05/21	04/06/21	EPA 8021B
Xylene (o)	0.524	0.0100	mg/L	10	P1D0502	04/05/21	04/06/21	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		95.8 %	80-120		P1D0502	04/05/21	04/06/21	EPA 8021B
<i>Surrogate: 1,4-Difluorobenzene</i>		102 %	80-120		P1D0502	04/05/21	04/06/21	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW1

1C26005-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	2.71	0.0500	mg/L	50	P1D0502	04/05/21	04/07/21	EPA 8021B
Toluene	0.0598	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B
Ethylbenzene	0.152	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B
Xylene (p/m)	0.211	0.00200	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B
Xylene (o)	0.0427	0.00100	mg/L	1	P1D0502	04/05/21	04/06/21	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		85.8 %		80-120	P1D0502	04/05/21	04/06/21	EPA 8021B
<i>Surrogate: 1,4-Difluorobenzene</i>		103 %		80-120	P1D0502	04/05/21	04/06/21	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch 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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch 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			

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

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch 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			

Batch P1D0502 - * DEFAULT PREP *****

Blank (P1D0502-BLK1)				Prepared: 04/05/21		Analyzed: 04/06/21				
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.130		"	0.120		108	80-120			
Surrogate: 1,4-Difluorobenzene	0.128		"	0.120		106	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1D0502 - * DEFAULT PREP *****

LCS (P1D0502-BS1)

Prepared: 04/05/21 Analyzed: 04/06/21

Benzene	0.0943	0.00100	mg/L	0.100		94.3	80-120			
Toluene	0.0905	0.00100	"	0.100		90.5	80-120			
Ethylbenzene	0.0804	0.00100	"	0.100		80.4	80-120			
Xylene (p/m)	0.167	0.00200	"	0.200		83.3	80-120			
Xylene (o)	0.0815	0.00100	"	0.100		81.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.4	80-120			

LCS Dup (P1D0502-BSD1)

Prepared: 04/05/21 Analyzed: 04/06/21

Benzene	0.0908	0.00100	mg/L	0.100		90.8	80-120	3.76	20	
Toluene	0.0856	0.00100	"	0.100		85.6	80-120	5.49	20	
Ethylbenzene	0.0801	0.00100	"	0.100		80.1	80-120	0.486	20	
Xylene (p/m)	0.162	0.00200	"	0.200		80.9	80-120	2.86	20	
Xylene (o)	0.0800	0.00100	"	0.100		80.0	80-120	1.85	20	
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Calibration Blank (P1D0502-CCB1)

Prepared: 04/05/21 Analyzed: 04/06/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.131		"	0.120		109	80-120			
Surrogate: 1,4-Difluorobenzene	0.128		"	0.120		107	80-120			

Calibration Blank (P1D0502-CCB2)

Prepared: 04/05/21 Analyzed: 04/06/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			

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Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1D0502 - * DEFAULT PREP *******Calibration Check (P1D0502-CCV1)**

Prepared: 04/05/21 Analyzed: 04/06/21

Benzene	0.0942	0.00100	mg/L	0.100		94.2	80-120			
Toluene	0.0892	0.00100	"	0.100		89.2	80-120			
Ethylbenzene	0.0861	0.00100	"	0.100		86.1	80-120			
Xylene (p/m)	0.177	0.00200	"	0.200		88.6	80-120			
Xylene (o)	0.0845	0.00100	"	0.100		84.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Calibration Check (P1D0502-CCV2)

Prepared: 04/05/21 Analyzed: 04/06/21

Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0965	0.00100	"	0.100		96.5	80-120			
Ethylbenzene	0.0930	0.00100	"	0.100		93.0	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		95.9	80-120			
Xylene (o)	0.0895	0.00100	"	0.100		89.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Calibration Check (P1D0502-CCV3)

Prepared: 04/05/21 Analyzed: 04/06/21

Benzene	0.0955	0.00100	mg/L	0.100		95.5	80-120			
Toluene	0.0914	0.00100	"	0.100		91.4	80-120			
Ethylbenzene	0.0874	0.00100	"	0.100		87.4	80-120			
Xylene (p/m)	0.181	0.00200	"	0.200		90.7	80-120			
Xylene (o)	0.0847	0.00100	"	0.100		84.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		97.9	80-120			

Matrix Spike (P1D0502-MS1)

Source: 1C26005-06

Prepared: 04/05/21 Analyzed: 04/06/21

Benzene	0.116	0.00100	mg/L	0.100	0.0341	81.8	80-120			
Toluene	0.0825	0.00100	"	0.100	0.00102	81.5	80-120			
Ethylbenzene	0.0734	0.00100	"	0.100	ND	73.4	80-120			QM-07
Xylene (p/m)	0.161	0.00200	"	0.200	ND	80.3	80-120			
Xylene (o)	0.0757	0.00100	"	0.100	ND	75.7	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		93.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.4	80-120			

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Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1D0502 - * DEFAULT PREP *****

Matrix Spike Dup (P1D0502-MSD1)		Source: 1C26005-06		Prepared: 04/05/21		Analyzed: 04/06/21				
Benzene	0.120	0.00100	mg/L	0.100	0.0341	86.0	80-120	4.98	20	
Toluene	0.0865	0.00100	"	0.100	0.00102	85.5	80-120	4.84	20	
Ethylbenzene	0.0767	0.00100	"	0.100	ND	76.7	80-120	4.37	20	QM-07
Xylene (p/m)	0.169	0.00200	"	0.200	ND	84.5	80-120	5.04	20	
Xylene (o)	0.0781	0.00100	"	0.100	ND	78.1	80-120	3.09	20	QM-07
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.2	80-120			

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Notes and Definitions

ROI Received on Ice

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

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date: 4/12/2021

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-886-7235

Page 19 of 19

PBI LAB

Project Manager:

Company Name

Company Address:

City/State/Zip:

Telephone No:

Sampler Signature:

(Lab use only)

ORDER # 1026005

Project Name:

Project #:

Project Loc:

PO #:

Report Format

☒ Standard☐ TRRP☐ NPDES

Analyze For:

TCLP:

TOTAL:

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: TX 1005 TX 1006

Anions (Cl, SO₄, Alkalinity)

BTEX 8021B 5030 or BTEX 8260

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

Standard TAT

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	TPH: TX 1005 TX 1006	Anions (Cl, SO ₄ , Alkalinity)	BTEX 8021B 5030 or BTEX 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	mw 19			3-23-21	1507			X															
2	mw 16				1537																		
3	mw 28				1605																		
4	mw 26			3-24-21	1112																		
5	mw 32				1140																		
6	mw 14				1209																		
7	mw 9				1242																		
8	mw 2				1317																		
9	mw 1				1410																		

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

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on containers?

Custody seals on containers?

Sample Hand Delivered?

by Courier?

Temperature upon Receipt?

Adjusted

Y

Y

Y

Y

Y

Y

Y

Y

Y

**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: SPS-11
Project Number: TNM SPS -11
Location:
Lab Order Number: 1F30002



Current Certification

Report Date: 07/15/21

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

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW12	1F30002-01	Water	06/22/21 11:30	06-30-2021 08:03
MW15	1F30002-02	Water	06/22/21 12:01	06-30-2021 08:03
MW33	1F30002-03	Water	06/22/21 12:24	06-30-2021 08:03
MW34	1F30002-04	Water	06/22/21 12:47	06-30-2021 08:03
MW36	1F30002-05	Water	06/22/21 13:21	06-30-2021 08:03
MW37	1F30002-06	Water	06/22/21 13:41	06-30-2021 08:03
MW38	1F30002-07	Water	06/22/21 14:03	06-30-2021 08:03
MW39	1F30002-08	Water	06/22/21 14:29	06-30-2021 08:03
MW40	1F30002-09	Water	06/22/21 15:03	06-30-2021 08:03
MW17	1F30002-10	Water	06/22/21 15:25	06-30-2021 08:03
MW24	1F30002-11	Water	06/22/21 16:08	06-30-2021 08:03
MW35	1F30002-12	Water	06/23/21 10:47	06-30-2021 08:03
MW29	1F30002-13	Water	06/23/21 11:16	06-30-2021 08:03
MW10	1F30002-14	Water	06/23/21 11:38	06-30-2021 08:03
MW6	1F30002-15	Water	06/23/21 12:22	06-30-2021 08:03
MW28	1F30002-16	Water	06/23/21 13:03	06-30-2021 08:03
MW32	1F30002-17	Water	06/23/21 13:28	06-30-2021 08:03
MW26	1F30002-18	Water	06/23/21 14:01	06-30-2021 08:03
MW14	1F30002-19	Water	06/23/21 14:31	06-30-2021 08:03
MW9	1F30002-20	Water	06/23/21 15:05	06-30-2021 08:03
MW1	1F30002-21	Water	06/23/21 15:43	06-30-2021 08:03

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Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW12
1F30002-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 08:44	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 08:44	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 08:44	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 08:44	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 08:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.4 %		80-120		P1F3006	06/30/21 12:51	07/01/21 08:44	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	108 %		80-120		P1F3006	06/30/21 12:51	07/01/21 08:44	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW15
1F30002-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 09:05	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 09:05	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 09:05	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 09:05	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 09:05	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.2 %		80-120		P1F3006	06/30/21 12:51	07/01/21 09:05	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	108 %		80-120		P1F3006	06/30/21 12:51	07/01/21 09:05	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW33
1F30002-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 09:26	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 09:26	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 09:26	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 09:26	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 09:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.2 %		80-120		P1F3006	06/30/21 12:51	07/01/21 09:26	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	107 %		80-120		P1F3006	06/30/21 12:51	07/01/21 09:26	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW34
1F30002-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 09:46	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 09:46	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 09:46	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 09:46	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 09:46	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.6 %		80-120		P1F3006	06/30/21 12:51	07/01/21 09:46	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	108 %		80-120		P1F3006	06/30/21 12:51	07/01/21 09:46	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW36
1F30002-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 10:07	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 10:07	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 10:07	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 10:07	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 10:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.6 %		80-120		P1F3006	06/30/21 12:51	07/01/21 10:07	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	107 %		80-120		P1F3006	06/30/21 12:51	07/01/21 10:07	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW37
1F30002-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 10:28	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 10:28	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 10:28	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 10:28	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 10:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.9 %		80-120		P1F3006	06/30/21 12:51	07/01/21 10:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	108 %		80-120		P1F3006	06/30/21 12:51	07/01/21 10:28	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW38**1F30002-07 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 10:49	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 10:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 10:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 10:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 10:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.8 %		80-120		P1F3006	06/30/21 12:51	07/01/21 10:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	108 %		80-120		P1F3006	06/30/21 12:51	07/01/21 10:49	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW39
1F30002-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 11:10	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 11:10	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 11:10	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 11:10	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 11:10	EPA 8021B
Surrogate: 4-Bromofluorobenzene	95.8 %		80-120		P1F3006	06/30/21 12:51	07/01/21 11:10	EPA 8021B
Surrogate: 1,4-Difluorobenzene	109 %		80-120		P1F3006	06/30/21 12:51	07/01/21 11:10	EPA 8021B

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Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW40
1F30002-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 11:31	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 11:31	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 11:31	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 11:31	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 11:31	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.4 %		80-120		P1F3006	06/30/21 12:51	07/01/21 11:31	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	108 %		80-120		P1F3006	06/30/21 12:51	07/01/21 11:31	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW17
1F30002-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 11:52	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 11:52	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 11:52	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 11:52	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 11:52	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.3 %		80-120		P1F3006	06/30/21 12:51	07/01/21 11:52	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	108 %		80-120		P1F3006	06/30/21 12:51	07/01/21 11:52	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW24
1F30002-11 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 12:55	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 12:55	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 12:55	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 12:55	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 12:55	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.1 %		80-120		P1F3006	06/30/21 12:51	07/01/21 12:55	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	106 %		80-120		P1F3006	06/30/21 12:51	07/01/21 12:55	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW35
1F30002-12 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 13:16	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 13:16	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 13:16	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 13:16	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 13:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.5 %		80-120		P1F3006	06/30/21 12:51	07/01/21 13:16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	106 %		80-120		P1F3006	06/30/21 12:51	07/01/21 13:16	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW29**1F30002-13 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 13:37	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 13:37	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 13:37	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 13:37	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 13:37	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.0 %		80-120		P1F3006	06/30/21 12:51	07/01/21 13:37	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	107 %		80-120		P1F3006	06/30/21 12:51	07/01/21 13:37	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW10
1F30002-14 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 13:58	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 13:58	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 13:58	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 13:58	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 13:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.6 %		80-120		P1F3006	06/30/21 12:51	07/01/21 13:58	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	106 %		80-120		P1F3006	06/30/21 12:51	07/01/21 13:58	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW6**1F30002-15 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 14:19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 14:19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 14:19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 14:19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 14:19	EPA 8021B
Surrogate: 4-Bromofluorobenzene	98.8 %		80-120		P1F3006	06/30/21 12:51	07/01/21 14:19	EPA 8021B
Surrogate: 1,4-Difluorobenzene	108 %		80-120		P1F3006	06/30/21 12:51	07/01/21 14:19	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW28
1F30002-16 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 14:40	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 14:40	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 14:40	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 14:40	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 14:40	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.5 %		80-120		P1F3006	06/30/21 12:51	07/01/21 14:40	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	107 %		80-120		P1F3006	06/30/21 12:51	07/01/21 14:40	EPA 8021B	

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Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW32
1F30002-17 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00884	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 15:01	EPA 8021B	
Toluene	0.00346	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 15:01	EPA 8021B	
Ethylbenzene	0.00893	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 15:01	EPA 8021B	
Xylene (p/m)	0.00952	0.00200	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 15:01	EPA 8021B	
Xylene (o)	0.00242	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 15:01	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>99.1 %</i>		<i>80-120</i>		<i>P1F3006</i>	<i>06/30/21 12:51</i>	<i>07/01/21 15:01</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>107 %</i>		<i>80-120</i>		<i>P1F3006</i>	<i>06/30/21 12:51</i>	<i>07/01/21 15:01</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW26
1F30002-18 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0206	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 15:22	EPA 8021B	
Toluene	0.00910	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 15:22	EPA 8021B	
Ethylbenzene	0.00303	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 15:22	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 15:22	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 15:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.8 %		80-120		P1F3006	06/30/21 12:51	07/01/21 15:22	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	105 %		80-120		P1F3006	06/30/21 12:51	07/01/21 15:22	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW14
1F30002-19 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0131	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 15:43	EPA 8021B	
Toluene	0.00170	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 15:43	EPA 8021B	
Ethylbenzene	0.00448	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 15:43	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 15:43	EPA 8021B	
Xylene (o)	0.00200	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 15:43	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.7 %		80-120		P1F3006	06/30/21 12:51	07/01/21 15:43	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	105 %		80-120		P1F3006	06/30/21 12:51	07/01/21 15:43	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW9**1F30002-20 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	0.374	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 16:04	EPA 8021B	
Toluene	0.00152	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 16:04	EPA 8021B	
Ethylbenzene	0.00192	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 16:04	EPA 8021B	
Xylene (p/m)	0.0369	0.00200	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 16:04	EPA 8021B	
Xylene (o)	0.00515	0.00100	mg/L	1	P1F3006	06/30/21 12:51	07/01/21 16:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	91.4 %		80-120		P1F3006	06/30/21 12:51	07/01/21 16:04	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.2 %		80-120		P1F3006	06/30/21 12:51	07/01/21 16:04	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW1**1F30002-21 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	3.52	0.0500	mg/L	50	P1G0210	07/05/21 11:02	07/05/21 20:27	EPA 8021B	
Toluene	0.0346	0.00100	mg/L	1	P1G0210	07/05/21 11:02	07/06/21 09:23	EPA 8021B	
Ethylbenzene	0.0934	0.00100	mg/L	1	P1G0210	07/05/21 11:02	07/06/21 09:23	EPA 8021B	
Xylene (p/m)	0.0861	0.00200	mg/L	1	P1G0210	07/05/21 11:02	07/06/21 09:23	EPA 8021B	
Xylene (o)	0.0138	0.00100	mg/L	1	P1G0210	07/05/21 11:02	07/06/21 09:23	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>86.3 %</i>		<i>80-120</i>		<i>P1G0210</i>	<i>07/05/21 11:02</i>	<i>07/06/21 09:23</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>94.1 %</i>		<i>80-120</i>		<i>P1G0210</i>	<i>07/05/21 11:02</i>	<i>07/06/21 09:23</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1F3006 - * DEFAULT PREP *****

Blank (P1F3006-BLK1)

Prepared: 06/30/21 Analyzed: 07/01/21

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.128		"	0.120		107	80-120			

LCS (P1F3006-BS1)

Prepared: 06/30/21 Analyzed: 07/01/21

Benzene	0.120	0.00100	mg/L	0.100		120	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

LCS Dup (P1F3006-BS1)

Prepared: 06/30/21 Analyzed: 07/01/21

Benzene	0.116	0.00100	mg/L	0.100		116	80-120	3.25	20	
Toluene	0.104	0.00100	"	0.100		104	80-120	3.37	20	
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120	3.20	20	
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120	2.81	20	
Xylene (o)	0.0980	0.00100	"	0.100		98.0	80-120	3.22	20	
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Calibration Check (P1F3006-CCV1)

Prepared: 06/30/21 Analyzed: 07/01/21

Benzene	0.113	0.00100	mg/L	0.100		113	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.195	0.00200	"	0.200		97.6	80-120			
Xylene (o)	0.0970	0.00100	"	0.100		97.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.133		"	0.120		111	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		102	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1F3006 - * DEFAULT PREP *****

Calibration Check (P1F3006-CCV2)

Prepared: 06/30/21 Analyzed: 07/01/21

Benzene	0.113	0.00100	mg/L	0.100		113	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.190	0.00200	"	0.200		94.9	80-120			
Xylene (o)	0.0956	0.00100	"	0.100		95.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		103	80-120			

Calibration Check (P1F3006-CCV3)

Prepared: 06/30/21 Analyzed: 07/01/21

Benzene	0.113	0.00100	mg/L	0.100		113	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.189	0.00200	"	0.200		94.6	80-120			
Xylene (o)	0.0961	0.00100	"	0.100		96.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Matrix Spike (P1F3006-MS1)

Source: 1F30002-01

Prepared: 06/30/21 Analyzed: 07/01/21

Benzene	0.121	0.00100	mg/L	0.100	ND	121	80-120			QM-07
Toluene	0.109	0.00100	"	0.100	ND	109	80-120			
Ethylbenzene	0.111	0.00100	"	0.100	ND	111	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200	ND	102	80-120			
Xylene (o)	0.101	0.00100	"	0.100	ND	101	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		102	80-120			

Matrix Spike Dup (P1F3006-MSD1)

Source: 1F30002-01

Prepared: 06/30/21 Analyzed: 07/01/21

Benzene	0.119	0.00100	mg/L	0.100	ND	119	80-120	1.40	20	
Toluene	0.107	0.00100	"	0.100	ND	107	80-120	1.57	20	
Ethylbenzene	0.109	0.00100	"	0.100	ND	109	80-120	1.81	20	
Xylene (p/m)	0.201	0.00200	"	0.200	ND	100	80-120	1.67	20	
Xylene (o)	0.0984	0.00100	"	0.100	ND	98.4	80-120	2.33	20	
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

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10 Desta Dr STE 150E
Midland TX, 79705

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1G0210 - * DEFAULT PREP *****

Blank (P1G0210-BLK1)

Prepared & Analyzed: 07/05/21

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	0.111		"	0.120		92.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	80-120			

LCS (P1G0210-BS1)

Prepared & Analyzed: 07/05/21

Benzene	0.120	0.00100	mg/L	0.100		120	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	80-120			

LCS Dup (P1G0210-BSD1)

Prepared & Analyzed: 07/05/21

Benzene	0.120	0.00100	mg/L	0.100		120	80-120	0.334	20	
Toluene	0.113	0.00100	"	0.100		113	80-120	2.88	20	
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120	3.73	20	
Xylene (p/m)	0.209	0.00200	"	0.200		104	80-120	4.04	20	
Xylene (o)	0.0970	0.00100	"	0.100		97.0	80-120	4.91	20	
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		104	80-120			

Calibration Blank (P1G0210-CCB1)

Prepared & Analyzed: 07/05/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.128		"	0.120		106	80-120			

Permian Basin Environmental Lab, L.P.

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10 Desta Dr STE 150E
Midland TX, 79705

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1G0210 - * DEFAULT PREP *****

Calibration Check (P1G0210-CCV1)

Prepared & Analyzed: 07/05/21

Benzene	0.111	0.00100	mg/L	0.100		111	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		96.1	80-120			
Xylene (o)	0.0914	0.00100	"	0.100		91.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

Calibration Check (P1G0210-CCV2)

Prepared & Analyzed: 07/05/21

Benzene	0.114	0.00100	mg/L	0.100		114	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.185	0.00200	"	0.200		92.3	80-120			
Xylene (o)	0.0905	0.00100	"	0.100		90.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Calibration Check (P1G0210-CCV3)

Prepared & Analyzed: 07/05/21

Benzene	0.116	0.00100	mg/L	0.100		116	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.190	0.00200	"	0.200		94.9	80-120			
Xylene (o)	0.0912	0.00100	"	0.100		91.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		101	80-120			

Calibration Check (P1G0210-CCV4)

Prepared: 07/05/21 Analyzed: 07/06/21

Benzene	0.118	0.00100	mg/L	0.100		118	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.199	0.00200	"	0.200		99.3	80-120			
Xylene (o)	0.0952	0.00100	"	0.100		95.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.7	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1G0210 - * DEFAULT PREP *****

Calibration Check (P1G0210-CCV5)				Prepared: 07/05/21		Analyzed: 07/06/21				
Benzene	0.114	0.00100	mg/L	0.100		114	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.0998	0.00100	"	0.100		99.8	80-120			
Xylene (p/m)	0.184	0.00200	"	0.200		92.2	80-120			
Xylene (o)	0.0871	0.00100	"	0.100		87.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		90.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Matrix Spike (P1G0210-MS1)				Source: 1F30006-01		Prepared & Analyzed: 07/05/21				
Benzene	0.0803	0.00100	mg/L	0.100	ND	80.3	80-120			
Toluene	0.0720	0.00100	"	0.100	ND	72.0	80-120			QM-07
Ethylbenzene	0.0672	0.00100	"	0.100	ND	67.2	80-120			QM-07
Xylene (p/m)	0.129	0.00200	"	0.200	ND	64.4	80-120			QM-07
Xylene (o)	0.0596	0.00100	"	0.100	ND	59.6	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.2	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: SPS-11
Project Number: TNM SPS -11
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.

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:

7/15/2021

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



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager:

Company Name:

Company Address:

City/State/Zip:

Telephone No.:

Sampler Signature:

(lab use only)

ORDER #: 1F30002

Project #:

Project Loc:

PO #:

Report Format:

☒ Standard☐ TRRP☐ NPDES

Analyze For:

TCLP:

TOTAL:

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: TX 1005 TX 1006

Anions (Cl, SO₄, Alkalinity)

BTEX 801B/6030 or BTEX 8260

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

Standard TAT

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on container(s)

Custody seals on container(s)

Custody seals on cooler(s)

Sample Hand Delivered

by Sampler/Client Rep.?

by Courier?

Temperature Upon Receipt:

Adjusted:

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: SPS-11
Project Number: TNM SPS -11
Location:
Lab Order Number: 1116002



Current Certification

Report Date: 09/28/21

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

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW10	1116002-01	Water	09/10/21 12:42	09-16-2021 08:20
MW6	1116002-02	Water	09/10/21 13:20	09-16-2021 08:20
MW28	1116002-03	Water	09/10/21 13:52	09-16-2021 08:20
MW32	1116002-04	Water	09/10/21 14:11	09-16-2021 08:20
MW26	1116002-05	Water	09/10/21 14:38	09-16-2021 08:20
MW14	1116002-06	Water	09/10/21 15:16	09-16-2021 08:20
MW9	1116002-07	Water	09/10/21 15:48	09-16-2021 08:20

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

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW10
1116002-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 01:51	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 01:51	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 01:51	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P111703	09/17/21 09:56	09/18/21 01:51	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 01:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.6 %		80-120		P111703	09/17/21 09:56	09/18/21 01:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.2 %		80-120		P111703	09/17/21 09:56	09/18/21 01:51	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW6**1116002-02 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 02:12	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 02:12	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 02:12	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P111703	09/17/21 09:56	09/18/21 02:12	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 02:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.6 %		80-120		P111703	09/17/21 09:56	09/18/21 02:12	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.7 %		80-120		P111703	09/17/21 09:56	09/18/21 02:12	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW28
1116002-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 02:33	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 02:33	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 02:33	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P111703	09/17/21 09:56	09/18/21 02:33	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 02:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	100 %		80-120		P111703	09/17/21 09:56	09/18/21 02:33	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.9 %		80-120		P111703	09/17/21 09:56	09/18/21 02:33	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW32
1116002-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00260	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 02:54	EPA 8021B	
Toluene	0.00240	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 02:54	EPA 8021B	
Ethylbenzene	0.00310	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 02:54	EPA 8021B	
Xylene (p/m)	0.00457	0.00200	mg/L	1	P111703	09/17/21 09:56	09/18/21 02:54	EPA 8021B	
Xylene (o)	0.00109	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 02:54	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>99.6 %</i>		<i>80-120</i>		<i>P111703</i>	<i>09/17/21 09:56</i>	<i>09/18/21 02:54</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>99.0 %</i>		<i>80-120</i>		<i>P111703</i>	<i>09/17/21 09:56</i>	<i>09/18/21 02:54</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW26
1116002-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0312	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 03:15	EPA 8021B	
Toluene	0.00702	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 03:15	EPA 8021B	
Ethylbenzene	0.00105	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 03:15	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P111703	09/17/21 09:56	09/18/21 03:15	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 03:15	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	101 %		80-120		P111703	09/17/21 09:56	09/18/21 03:15	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.9 %		80-120		P111703	09/17/21 09:56	09/18/21 03:15	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW14
1116002-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00313	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 03:36	EPA 8021B	
Toluene	0.00224	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 03:36	EPA 8021B	
Ethylbenzene	0.00358	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 03:36	EPA 8021B	
Xylene (p/m)	0.00230	0.00200	mg/L	1	P111703	09/17/21 09:56	09/18/21 03:36	EPA 8021B	
Xylene (o)	0.00396	0.00100	mg/L	1	P111703	09/17/21 09:56	09/18/21 03:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	101 %		80-120		P111703	09/17/21 09:56	09/18/21 03:36	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.8 %		80-120		P111703	09/17/21 09:56	09/18/21 03:36	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW9**1116002-07 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	0.425	0.00500	mg/L	5	P111703	09/17/21 09:56	09/22/21 07:27	EPA 8021B	
Toluene	0.00260	0.00100	mg/L	1	P111703	09/17/21 09:56	09/21/21 18:29	EPA 8021B	
Ethylbenzene	0.199	0.00100	mg/L	1	P111703	09/17/21 09:56	09/21/21 18:29	EPA 8021B	
Xylene (p/m)	0.204	0.00200	mg/L	1	P111703	09/17/21 09:56	09/21/21 18:29	EPA 8021B	
Xylene (o)	0.00414	0.00100	mg/L	1	P111703	09/17/21 09:56	09/21/21 18:29	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	104 %		80-120		P111703	09/17/21 09:56	09/21/21 18:29	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.0 %		80-120		P111703	09/17/21 09:56	09/21/21 18:29	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P111703 - * DEFAULT PREP *****

Blank (P111703-BLK1)

Prepared: 09/17/21 Analyzed: 09/18/21

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	0.120		"	0.120		99.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.4	80-120			

LCS (P111703-BS1)

Prepared: 09/17/21 Analyzed: 09/18/21

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.110	0.00100	"	0.100		110	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.199	0.00200	"	0.200		99.7	80-120			
Xylene (o)	0.0992	0.00100	"	0.100		99.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.5	80-120			

LCS Dup (P111703-BS1)

Prepared: 09/17/21 Analyzed: 09/18/21

Benzene	0.106	0.00100	mg/L	0.100		106	80-120	1.64	20	
Toluene	0.111	0.00100	"	0.100		111	80-120	1.61	20	
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120	2.31	20	
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120	2.17	20	
Xylene (o)	0.101	0.00100	"	0.100		101	80-120	2.19	20	
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.4	80-120			

Calibration Blank (P111703-CCB1)

Prepared: 09/17/21 Analyzed: 09/18/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.5	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P111703 - * DEFAULT PREP *****

Calibration Blank (P111703-CCB2)

Prepared: 09/17/21 Analyzed: 09/18/21

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	0.119		"	0.120		99.2	80-120			

Calibration Blank (P111703-CCB3)

Prepared: 09/17/21 Analyzed: 09/18/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.6	80-120			

Calibration Check (P111703-CCV1)

Prepared: 09/17/21 Analyzed: 09/18/21

Benzene	0.109	0.00100	mg/L	0.100		109	80-120			
Toluene	0.115	0.00100	"	0.100		115	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.6	80-120			

Calibration Check (P111703-CCV2)

Prepared: 09/17/21 Analyzed: 09/18/21

Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0996	0.00100	"	0.100		99.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.7	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P111703 - * DEFAULT PREP *****

Calibration Check (P111703-CCV3)

Prepared: 09/17/21 Analyzed: 09/18/21

Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.100	0.00100	"	0.100		100	80-120			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.2	80-120			

Matrix Spike (P111703-MS1)

Source: 1116002-01

Prepared: 09/17/21 Analyzed: 09/18/21

Benzene	0.111	0.00100	mg/L	0.100	ND	111	80-120			
Toluene	0.115	0.00100	"	0.100	ND	115	80-120			
Ethylbenzene	0.110	0.00100	"	0.100	ND	110	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200	ND	104	80-120			
Xylene (o)	0.106	0.00100	"	0.100	ND	106	80-120			
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.8	80-120			

Matrix Spike Dup (P111703-MSD1)

Source: 1116002-01

Prepared: 09/17/21 Analyzed: 09/18/21

Benzene	0.117	0.00100	mg/L	0.100	ND	117	80-120	5.32	20	
Toluene	0.123	0.00100	"	0.100	ND	123	80-120	6.99	20	QM-07
Ethylbenzene	0.117	0.00100	"	0.100	ND	117	80-120	5.95	20	
Xylene (p/m)	0.222	0.00200	"	0.200	ND	111	80-120	6.43	20	
Xylene (o)	0.112	0.00100	"	0.100	ND	112	80-120	6.27	20	
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.4	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

Notes and Definitions

ROI Received on Ice

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

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

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

9/28/2021

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

PBBLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager:

Curt Stanley

Project Name:

SPS-11

Company Name

~~Permian Basin Environmental Lab, LP~~ TRC

Project #:

Company Address:

10 Deste Dr

Project Loc:

City/State/Zip:

Midland TX 79705

PO #:

Telephone No:

432-520-7720

Fax No:

Report Format ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature:

e-mail:

(lab use only)

ORDER #: 1116002

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: TX 1005 TX 1006

Anions (Cl, SO₄, Alkalinity)

BTEX 8021/5030 or BTEX 8260

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 (Inlet)
VOCs Free of Headspace
Labels on containers (S)
Custom seals on container (a)
Check seals on container (S)
Sample Hand Delivered
by Sampler/Client Rep.?
by Counter? UPS DHL FedEx
Temperature Upon Receipt
Adjusted: 65 °C Factor 1.1

Sample Containers (Inlet)
VOCs Free of Headspace
Labels on containers (S)
Custom seals on container (a)
Check seals on container (S)
Sample Hand Delivered
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Temperature Upon Receipt
Adjusted: 65 °C Factor 1.1

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by Counter? UPS DHL FedEx
Temperature Upon Receipt
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VOCs Free of Headspace
Labels on containers (S)
Custom seals on container (a)
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by Sampler/Client Rep.?
by Counter? UPS DHL FedEx
Temperature Upon Receipt
Adjusted: 65 °C Factor 1.1

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VOCs Free of Headspace
Labels on containers (S)
Custom seals on container (a)
Check seals on container (S)
Sample Hand Delivered
by Sampler/Client Rep.?
by Counter? UPS DHL FedEx
Temperature Upon Receipt
Adjusted: 65 °C Factor 1.1

**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: SPS-11
Project Number: TNM SPS -11
Location:
Lab Order Number: 1L16004



Current Certification

Report Date: 12/30/21

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

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW13	1L16004-01	Water	12/15/21 11:10	12-16-2021 08:30
MW23	1L16004-02	Water	12/15/21 11:34	12-16-2021 08:30
MW25	1L16004-03	Water	12/15/21 12:08	12-16-2021 08:30
MW3	1L16004-04	Water	12/15/21 12:40	12-16-2021 08:30
MW31	1L16004-05	Water	12/15/21 13:03	12-16-2021 08:30
MW24	1L16004-06	Water	12/15/21 13:33	12-16-2021 08:30
MW29	1L16004-07	Water	12/15/21 14:01	12-16-2021 08:30
MW10	1L16004-08	Water	12/15/21 14:42	12-16-2021 08:30
MW6	1L16004-09	Water	12/15/21 15:08	12-16-2021 08:30
MW28	1L16004-10	Water	12/15/21 15:42	12-16-2021 08:30
MW26	1L16004-11	Water	12/15/21 16:10	12-16-2021 08:30

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

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW13
1L16004-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 02:53	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 02:53	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 02:53	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 02:53	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 02:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.1 %		80-120		P1L2011	12/20/21 14:51	12/21/21 02:53	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.3 %		80-120		P1L2011	12/20/21 14:51	12/21/21 02:53	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW23
1L16004-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 03:15	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 03:15	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 03:15	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 03:15	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 03:15	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.8 %		80-120		P1L2011	12/20/21 14:51	12/21/21 03:15	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.9 %		80-120		P1L2011	12/20/21 14:51	12/21/21 03:15	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW25**1L16004-03 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 03:36	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 03:36	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 03:36	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 03:36	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 03:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	101 %		80-120		P1L2011	12/20/21 14:51	12/21/21 03:36	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.3 %		80-120		P1L2011	12/20/21 14:51	12/21/21 03:36	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW3**1L16004-04 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 03:57	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 03:57	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 03:57	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 03:57	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 03:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.0 %		80-120		P1L2011	12/20/21 14:51	12/21/21 03:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.6 %		80-120		P1L2011	12/20/21 14:51	12/21/21 03:57	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW31**1L16004-05 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 04:18	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 04:18	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 04:18	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 04:18	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 04:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.9 %		80-120		P1L2011	12/20/21 14:51	12/21/21 04:18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.8 %		80-120		P1L2011	12/20/21 14:51	12/21/21 04:18	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW24
1L16004-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 04:39	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 04:39	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 04:39	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 04:39	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 04:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.9 %		80-120		P1L2011	12/20/21 14:51	12/21/21 04:39	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.4 %		80-120		P1L2011	12/20/21 14:51	12/21/21 04:39	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW29**1L16004-07 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 05:00	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 05:00	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 05:00	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 05:00	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 05:00	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	101 %		80-120		P1L2011	12/20/21 14:51	12/21/21 05:00	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.6 %		80-120		P1L2011	12/20/21 14:51	12/21/21 05:00	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW10
1L16004-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 06:04	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 06:04	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 06:04	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 06:04	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 06:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.6 %		80-120		P1L2011	12/20/21 14:51	12/21/21 06:04	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.8 %		80-120		P1L2011	12/20/21 14:51	12/21/21 06:04	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW6**1L16004-09 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 06:25	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 06:25	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 06:25	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 06:25	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 06:25	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.1 %		80-120		P1L2011	12/20/21 14:51	12/21/21 06:25	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.9 %		80-120		P1L2011	12/20/21 14:51	12/21/21 06:25	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW28
1L16004-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 06:46	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 06:46	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 06:46	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 06:46	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 06:46	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.4 %		80-120		P1L2011	12/20/21 14:51	12/21/21 06:46	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.8 %		80-120		P1L2011	12/20/21 14:51	12/21/21 06:46	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW26
1L16004-11 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 07:07	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 07:07	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 07:07	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 07:07	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L2011	12/20/21 14:51	12/21/21 07:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.5 %		80-120		P1L2011	12/20/21 14:51	12/21/21 07:07	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.3 %		80-120		P1L2011	12/20/21 14:51	12/21/21 07:07	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1L2011 - * DEFAULT PREP *****

Blank (P1L2011-BLK1)

Prepared: 12/20/21 Analyzed: 12/21/21

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	0.119		"	0.120		99.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.1	80-120			

LCS (P1L2011-BS1)

Prepared: 12/20/21 Analyzed: 12/21/21

Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.223	0.00200	"	0.200		112	80-120			
Xylene (o)	0.0988	0.00100	"	0.100		98.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.127		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.3	80-120			

LCS Dup (P1L2011-BSD1)

Prepared: 12/20/21 Analyzed: 12/21/21

Benzene	0.109	0.00100	mg/L	0.100		109	80-120	2.99	20	
Toluene	0.108	0.00100	"	0.100		108	80-120	3.65	20	
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120	3.87	20	
Xylene (p/m)	0.231	0.00200	"	0.200		116	80-120	3.61	20	
Xylene (o)	0.103	0.00100	"	0.100		103	80-120	3.88	20	
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.8	80-120			

Calibration Check (P1L2011-CCV1)

Prepared: 12/20/21 Analyzed: 12/21/21

Benzene	0.105	0.00100	mg/L	0.100		105	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.216	0.00200	"	0.200		108	80-120			
Xylene (o)	0.0971	0.00100	"	0.100		97.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.4	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1L2011 - * DEFAULT PREP *****

Calibration Check (P1L2011-CCV2)				Prepared: 12/20/21		Analyzed: 12/21/21				
Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0995	0.00100	"	0.100		99.5	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		105	80-120			
Xylene (o)	0.0954	0.00100	"	0.100		95.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

Calibration Check (P1L2011-CCV3)				Prepared: 12/20/21		Analyzed: 12/21/21				
Benzene	0.104	0.00100	mg/L	0.100		104	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)	0.213	0.00200	"	0.200		106	80-120			
Xylene (o)	0.0970	0.00100	"	0.100		97.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.9	80-120			

Matrix Spike (P1L2011-MS1)				Source: 1L15003-06		Prepared: 12/20/21		Analyzed: 12/21/21			
Benzene	0.112	0.00100	mg/L	0.100	0.000830	111	80-120				
Toluene	0.108	0.00100	"	0.100	ND	108	80-120				
Ethylbenzene	0.117	0.00100	"	0.100	ND	117	80-120				
Xylene (p/m)	0.225	0.00200	"	0.200	ND	112	80-120				
Xylene (o)	0.0985	0.00100	"	0.100	ND	98.5	80-120				
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120				
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.8	80-120				

Matrix Spike Dup (P1L2011-MSD1)				Source: 1L15003-06		Prepared: 12/20/21		Analyzed: 12/21/21			
Benzene	0.120	0.00100	mg/L	0.100	0.000830	119	80-120	6.69	20		
Toluene	0.116	0.00100	"	0.100	ND	116	80-120	7.42	20		
Ethylbenzene	0.119	0.00100	"	0.100	ND	119	80-120	1.81	20		
Xylene (p/m)	0.240	0.00200	"	0.200	ND	120	80-120	6.34	20		
Xylene (o)	0.109	0.00100	"	0.100	ND	109	80-120	10.5	20		
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120				
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.4	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

Notes and Definitions

ROI Received on Ice

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

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date: 12/30/2021

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

PBBLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager:

Company Name

Company Address:

City/State/Zip:

Telephone No:

Sampler Signature:

e-mail:

Report Format:

☐ Standard ☐ TRRP ☐ NPDES

Project Name:

Project #:

Project Loc:

PO #:

Page 17 of 17

(Lab use only)

ORDER #: 116004

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: TX 1005 TX 1006

Anions (Cl, SO₄, Alkalinity)

BTEX 8021B/5030 or BTEX 8260

Preservation & # of Containers

Matrix

Analyze For:

TOTAL:

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

Standard TAT

Special Instructions: mv 26

NO preserved

1615

V

Laboratory Comments:

Sample Containers Intact? ☒ N
VOCs Free of Headspace? ☒ N
Labels on containers? ☒ N
Custody seals on containers? ☒ N
Custody seals on vials? ☒ N
Sample Hand Delivered ☒ N
by Samples/Client Rep? ☒ N
by Courier? ☒ N
UPS ☒ N
Temperature Upon Receipt: ☒ N
°C Factor ☒ N
Adjusted: ☒ N

Relinquished by: Manny Date: 12-16-21 Time: 630 Received by: [Signature] Date: 12-16-21 Time: 830

Relinquished by:

Date

Time

Received by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

5.0 +1.0 6.0 CFI2

**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: SPS-11
Project Number: TNM SPS -11
Location: Lea County, NM
Lab Order Number: 1L15001



Current Certification

Report Date: 01/12/22

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

Project: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-35	1L15001-01	Water	12/14/21 11:10	12-15-2021 07:54
MW-14	1L15001-02	Water	12/14/21 11:57	12-15-2021 07:54
MW-32	1L15001-03	Water	12/14/21 12:42	12-15-2021 07:54
MW-9	1L15001-04	Water	12/14/21 13:47	12-15-2021 07:54
MW-11	1L15001-05	Water	12/14/21 14:48	12-15-2021 07:54
MW-4	1L15001-06	Water	12/14/21 17:23	12-15-2021 07:54

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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW-35
1L15001-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 21:28	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 21:28	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 21:28	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 21:28	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 21:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.0 %		80-120		P1L1504	12/15/21 15:28	12/15/21 21:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.3 %		80-120		P1L1504	12/15/21 15:28	12/15/21 21:28	EPA 8021B	
Methane	0.0230	0.000500	mg/L	1	P2A0701	12/20/21 13:06	12/20/21 13:06	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P2A0701	12/20/21 13:06	12/20/21 13:06	8015M	SUB-13
Ethene	0.00117	0.00100	mg/L	1	P2A0701	12/20/21 13:06	12/20/21 13:06	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	12.0	1.10	mg/L	1	P1L2201	12/22/21 16:50	12/22/21 16:50	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P1L1503	12/15/21 09:44	12/15/21 12:31	EPA 300.0	
Sulfate	34.5	1.00	mg/L	1	P1L1503	12/15/21 09:44	12/15/21 12:31	EPA 300.0	
Total Organic Carbon	8.07	1.00	mg/L	1	P2A0701	12/22/21 05:16	12/22/21 05:16	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.651	0.0200	mg/L	1	P1L1411	12/15/21 10:17	12/16/21 12:45	EPA 6010B	QAL1
Manganese	0.0595	0.0200	mg/L	1	P1L1411	12/15/21 10:17	12/16/21 12:45	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW-14
1L15001-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 22:32	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 22:32	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 22:32	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 22:32	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 22:32	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.5 %		80-120		P1L1504	12/15/21 15:28	12/15/21 22:32	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.9 %		80-120		P1L1504	12/15/21 15:28	12/15/21 22:32	EPA 8021B	
Methane	0.769	0.0250	mg/L	1	P2A0701	12/20/21 13:15	12/20/21 15:48	8015M	SUB-13
Ethane	0.00317	0.000100	mg/L	1	P2A0701	12/20/21 13:15	12/20/21 13:15	8015M	SUB-13
Ethene	0.00445	0.000100	mg/L	1	P2A0701	12/20/21 13:15	12/20/21 13:15	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	149	1.10	mg/L	1	P1L2201	12/22/21 16:50	12/22/21 16:50	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P1L1503	12/15/21 09:44	12/15/21 13:28	EPA 300.0	
Sulfate	3.26	1.00	mg/L	1	P1L1503	12/15/21 09:44	12/15/21 13:28	EPA 300.0	
Total Organic Carbon	53.0	2.00	mg/L	1	P2A0701	12/29/21 02:17	12/29/21 02:17	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	2.42	0.0200	mg/L	1	P1L1411	12/15/21 10:17	12/16/21 12:49	EPA 6010B	QAL1
Manganese	0.314	0.0200	mg/L	1	P1L1411	12/15/21 10:17	12/16/21 12:49	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW-32
1L15001-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 22:53	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 22:53	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 22:53	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 22:53	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 22:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.7 %		80-120		P1L1504	12/15/21 15:28	12/15/21 22:53	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.5 %		80-120		P1L1504	12/15/21 15:28	12/15/21 22:53	EPA 8021B	
Methane	0.00332	0.000500	mg/L	1	P2A0701	12/20/21 13:25	12/20/21 13:25	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P2A0701	12/20/21 13:25	12/20/21 13:25	8015M	SUB-13
Ethene	0.00233	0.00100	mg/L	1	P2A0701	12/20/21 13:25	12/20/21 13:25	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	0.361	0.200	mg/L	1	P1L1503	12/15/21 09:44	12/15/21 13:47	EPA 300.0	
Sulfate	37.8	1.00	mg/L	1	P1L1503	12/15/21 09:44	12/15/21 13:47	EPA 300.0	
Total Organic Carbon	3.07	1.00	mg/L	1	P2A0701	12/22/21 05:48	12/22/21 05:48	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.0758	0.0200	mg/L	1	P1L1411	12/15/21 10:17	12/16/21 12:53	EPA 6010B	QAL1
Manganese	0.0499	0.0200	mg/L	1	P1L1411	12/15/21 10:17	12/16/21 12:53	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW-9
1L15001-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.221	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 23:14	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 23:14	EPA 8021B	
Ethylbenzene	0.0123	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 23:14	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 23:14	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 23:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.0 %		80-120		P1L1504	12/15/21 15:28	12/15/21 23:14	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.1 %		80-120		P1L1504	12/15/21 15:28	12/15/21 23:14	EPA 8021B	
Methane	1.21	0.0500	mg/L	1	P2A0701	12/20/21 13:40	12/20/21 15:56	8015M	SUB-13
Ethane	0.00243	0.00100	mg/L	1	P2A0701	12/20/21 13:40	12/20/21 13:40	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P2A0701	12/20/21 13:40	12/20/21 13:40	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	137	1.10	mg/L	1	P1L2201	12/22/21 16:50	12/22/21 16:50	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P1L1503	12/15/21 09:44	12/15/21 14:06	EPA 300.0	
Sulfate	ND	1.00	mg/L	1	P1L1503	12/15/21 09:44	12/15/21 14:06	EPA 300.0	
Total Organic Carbon	50.7	2.00	mg/L	1	P2A0701	12/29/21 02:33	12/29/21 02:33	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	14.5	0.0200	mg/L	1	P1L1411	12/15/21 10:17	12/16/21 12:57	EPA 6010B	QAL1
Manganese	0.691	0.0200	mg/L	1	P1L1411	12/15/21 10:17	12/16/21 12:57	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW-11
1L15001-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	5.90	0.100	mg/L	100	P1L1504	12/15/21 15:28	12/16/21 13:01	EPA 8021B	
Toluene	0.00439	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 23:35	EPA 8021B	
Ethylbenzene	3.45	0.0100	mg/L	10	P1L1504	12/15/21 15:28	12/16/21 10:47	EPA 8021B	
Xylene (p/m)	2.01	0.0200	mg/L	10	P1L1504	12/15/21 15:28	12/16/21 10:47	EPA 8021B	
Xylene (o)	0.188	0.0100	mg/L	10	P1L1504	12/15/21 15:28	12/16/21 10:47	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>97.8 %</i>	<i>80-120</i>			<i>P1L1504</i>	<i>12/15/21 15:28</i>	<i>12/16/21 10:47</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>98.3 %</i>	<i>80-120</i>			<i>P1L1504</i>	<i>12/15/21 15:28</i>	<i>12/16/21 10:47</i>	<i>EPA 8021B</i>	
Methane	6.12	0.100	mg/L	1	P2A0701	12/20/21 13:51	12/20/21 13:51	8015M	SUB-13
Ethane	0.0182	0.00100	mg/L	1	P2A0701	12/20/21 13:51	12/20/21 13:51	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P2A0701	12/20/21 13:51	12/20/21 13:51	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	56.0	1.10	mg/L	1	P1L2201	12/22/21 16:50	12/22/21 16:50	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P1L1503	12/15/21 09:44	12/15/21 14:25	EPA 300.0	
Sulfate	2.85	1.00	mg/L	1	P1L1503	12/15/21 09:44	12/15/21 14:25	EPA 300.0	
Total Organic Carbon	17.6	1.00	mg/L	1	P2A0701	12/29/21 02:49	12/29/21 02:49	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	3.82	0.0200	mg/L	1	P1L1411	12/15/21 10:17	12/16/21 13:09	EPA 6010B	QAL1
Manganese	0.253	0.0200	mg/L	1	P1L1411	12/15/21 10:17	12/16/21 13:09	EPA 6010B	QAL1

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.057	0.010	mg/L	1	P2A0701	12/20/21 17:30	01/05/21 12:05	8270C	SUB-13
2-Methylnaphthalene	0.049	0.010	mg/L	1	P2A0701	12/20/21 17:30	01/05/21 12:05	8270C	SUB-13
Acenaphthene	0.0021	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/30/21 01:59	8270C	SUB-13
Acenaphthylene	0.00081	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/30/21 01:59	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/30/21 01:59	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/30/21 01:59	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/30/21 01:59	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/30/21 01:59	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/30/21 01:59	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/30/21 01:59	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/30/21 01:59	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/30/21 01:59	8270C	SUB-13
Dibenzofuran	0.0047	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/30/21 01:59	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/30/21 01:59	8270C	SUB-13
Fluorene	0.0037	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/30/21 01:59	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/30/21 01:59	8270C	SUB-13
Naphthalene	0.058	0.010	mg/L	1	P2A0701	12/20/21 17:30	01/05/21 12:05	8270C	SUB-13
Phenanthrene	0.0051	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/30/21 01:59	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/30/21 01:59	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

MW-4
1L15001-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	1.82	0.0100	mg/L	10	P1L1504	12/15/21 15:28	12/16/21 11:08	EPA 8021B	
Toluene	0.00452	0.00100	mg/L	1	P1L1504	12/15/21 15:28	12/15/21 23:56	EPA 8021B	
Ethylbenzene	1.66	0.0100	mg/L	10	P1L1504	12/15/21 15:28	12/16/21 11:08	EPA 8021B	
Xylene (p/m)	0.978	0.0200	mg/L	10	P1L1504	12/15/21 15:28	12/16/21 11:08	EPA 8021B	
Xylene (o)	0.320	0.0100	mg/L	10	P1L1504	12/15/21 15:28	12/16/21 11:08	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>97.6 %</i>	<i>80-120</i>			<i>P1L1504</i>	<i>12/15/21 15:28</i>	<i>12/16/21 11:08</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>97.4 %</i>	<i>80-120</i>			<i>P1L1504</i>	<i>12/15/21 15:28</i>	<i>12/16/21 11:08</i>	<i>EPA 8021B</i>	
Methane	0.118	0.00500	mg/L	1	P2A0701	12/21/21 09:09	12/21/21 09:09	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P2A0701	12/21/21 09:09	12/21/21 09:09	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P2A0701	12/21/21 09:09	12/21/21 09:09	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	3.00	1.10	mg/L	1	P1L2201	12/22/21 16:50	12/22/21 16:50	8000	QAL1
Nitrate as N	1.23	0.200	mg/L	1	P1L1503	12/15/21 09:44	12/15/21 14:44	EPA 300.0	
Sulfate	34.9	1.00	mg/L	1	P1L1503	12/15/21 09:44	12/15/21 14:44	EPA 300.0	
Total Organic Carbon	1.88	1.00	mg/L	1	P2A0701	12/29/21 03:53	12/29/21 03:53	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	1.43	0.0200	mg/L	1	P1L1411	12/15/21 10:17	12/16/21 13:13	EPA 6010B	QAL1
Manganese	0.226	0.0200	mg/L	1	P1L1411	12/15/21 10:17	12/16/21 13:13	EPA 6010B	QAL1

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.050	0.00010	mg/L	1	P2A0701	12/20/21 17:30	01/05/22 15:26	8270C	SUB-13
2-Methylnaphthalene	0.043	0.0010	mg/L	1	P2A0701	12/20/21 17:30	01/05/22 15:26	8270C	SUB-13
Acenaphthene	0.0026	0.0010	mg/L	1	P2A0701	12/20/21 17:30	12/21/21 02:19	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/21/21 02:19	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/21/21 02:19	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/21/21 02:19	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/21/21 02:19	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/21/21 02:19	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/21/21 02:19	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/21/21 02:19	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/21/21 02:19	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/21/21 02:19	8270C	SUB-13
Dibenzofuran	0.0044	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/21/21 02:19	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/21/21 02:19	8270C	SUB-13
Fluorene	0.0042	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/21/21 02:19	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/21/21 02:19	8270C	SUB-13
Naphthalene	0.039	0.0010	mg/L	1	P2A0701	12/20/21 17:30	01/05/22 15:26	8270C	SUB-13
Phenanthrene	0.0056	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/21/21 02:19	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P2A0701	12/20/21 17:30	12/21/21 02:19	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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1L1504 - * DEFAULT PREP *****

Blank (P1L1504-BLK1)

Prepared & Analyzed: 12/15/21

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		93.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.5	80-120			

LCS (P1L1504-BS1)

Prepared & Analyzed: 12/15/21

Benzene	0.110	0.00100	mg/L	0.100		110	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200		117	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.5	80-120			

LCS Dup (P1L1504-BS1)

Prepared & Analyzed: 12/15/21

Benzene	0.113	0.00100	mg/L	0.100		113	80-120	2.77	20	
Toluene	0.112	0.00100	"	0.100		112	80-120	2.87	20	
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120	0.313	20	
Xylene (p/m)	0.238	0.00200	"	0.200		119	80-120	1.96	20	
Xylene (o)	0.106	0.00100	"	0.100		106	80-120	1.52	20	
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.1	80-120			

Calibration Check (P1L1504-CCV1)

Prepared & Analyzed: 12/15/21

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200		107	80-120			
Xylene (o)	0.0960	0.00100	"	0.100		96.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.8	80-120			

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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1L1504 - * DEFAULT PREP *****

Calibration Check (P1L1504-CCV2)

Prepared & Analyzed: 12/15/21

Benzene	0.0983	0.00100	mg/L	0.100		98.3	80-120			
Toluene	0.0939	0.00100	"	0.100		93.9	80-120			
Ethylbenzene	0.0944	0.00100	"	0.100		94.4	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.7	80-120			
Xylene (o)	0.0892	0.00100	"	0.100		89.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.2	80-120			

Calibration Check (P1L1504-CCV3)

Prepared: 12/15/21 Analyzed: 12/16/21

Benzene	0.0978	0.00100	mg/L	0.100		97.8	80-120			
Toluene	0.0945	0.00100	"	0.100		94.5	80-120			
Ethylbenzene	0.0957	0.00100	"	0.100		95.7	80-120			
Xylene (p/m)	0.200	0.00200	"	0.200		100	80-120			
Xylene (o)	0.0902	0.00100	"	0.100		90.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

Matrix Spike (P1L1504-MS1)

Source: 1L14001-01

Prepared: 12/15/21 Analyzed: 12/16/21

Benzene	0.114	0.00100	mg/L	0.100	ND	114	80-120			
Toluene	0.107	0.00100	"	0.100	ND	107	80-120			
Ethylbenzene	0.110	0.00100	"	0.100	ND	110	80-120			
Xylene (p/m)	0.223	0.00200	"	0.200	ND	111	80-120			
Xylene (o)	0.0997	0.00100	"	0.100	ND	99.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

Matrix Spike Dup (P1L1504-MSD1)

Source: 1L14001-01

Prepared: 12/15/21 Analyzed: 12/16/21

Benzene	0.118	0.00100	mg/L	0.100	ND	118	80-120	3.72	20	
Toluene	0.115	0.00100	"	0.100	ND	115	80-120	6.77	20	
Ethylbenzene	0.112	0.00100	"	0.100	ND	112	80-120	1.82	20	
Xylene (p/m)	0.239	0.00200	"	0.200	ND	119	80-120	6.90	20	
Xylene (o)	0.109	0.00100	"	0.100	ND	109	80-120	8.71	20	
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

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: SPS-11
Project Number: TNM SPS -11
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 P1L1503 - * DEFAULT PREP *****

Blank (P1L1503-BLK1)

Prepared & Analyzed: 12/15/21

Sulfate	ND	1.00	mg/L							
Nitrate as N	ND	0.200	"							

LCS (P1L1503-BS1)

Prepared & Analyzed: 12/15/21

Sulfate	41.1		mg/L	40.0		103	90-110			
Nitrate as N	7.93		"	8.00		99.2	90-110			

LCS Dup (P1L1503-BSD1)

Prepared & Analyzed: 12/15/21

Sulfate	41.1		mg/L	40.0		103	90-110	0.163	10	
Nitrate as N	7.92		"	8.00		99.0	90-110	0.139	10	

Calibration Blank (P1L1503-CCB1)

Prepared & Analyzed: 12/15/21

Sulfate	-0.472		mg/L							
Nitrate as N	0.00		"							

Calibration Check (P1L1503-CCV1)

Prepared & Analyzed: 12/15/21

Sulfate	20.5		mg/L	20.0		102	90-110			
Nitrate as N	1.82		"	2.00		91.2	90-110			

Calibration Check (P1L1503-CCV2)

Prepared & Analyzed: 12/15/21

Nitrate as N	1.84		mg/L	2.00		91.9	90-110			
Sulfate	20.6		"	20.0		103	90-110			

Matrix Spike (P1L1503-MS1)

Source: 1L15001-01

Prepared & Analyzed: 12/15/21

Sulfate	37.8	1.00	mg/L	4.00	34.5	82.0	80-120			
Nitrate as N	0.359	0.200	"	0.400	ND	89.8	80-120			

Matrix Spike Dup (P1L1503-MSD1)

Source: 1L15001-01

Prepared & Analyzed: 12/15/21

Nitrate as N	0.361	0.200	mg/L	0.400	ND	90.2	80-120	0.556	20	
Sulfate	37.8	1.00	"	4.00	34.5	82.1	80-120	0.00794	20	

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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1L2201 - * DEFAULT PREP *****

Blank (P1L2201-BLK1)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	ND	1.10	mg/L							QAL1
LCS (P1L2201-BS1)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	101	1.10	mg/L	100		101	80-120			QAL1
LCS Dup (P1L2201-BSD1)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	101	1.10	mg/L	100		101	80-120	0.00	20	QAL1
Calibration Blank (P1L2201-CCB1)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	0.00		mg/L							QAL1
Calibration Blank (P1L2201-CCB2)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	0.00		mg/L							QAL1
Calibration Check (P1L2201-CCV1)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	98.0	1.10	mg/L	100		98.0	80-120			QAL1
Calibration Check (P1L2201-CCV2)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	97.0	1.10	mg/L	100		97.0	80-120			QAL1
Calibration Check (P1L2201-CCV3)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	98.0	1.10	mg/L	100		98.0	80-120			QAL1
Duplicate (P1L2201-DUP1)				Source: 1L10004-08		Prepared & Analyzed: 12/22/21				
Chemical Oxygen Demand	ND	1.10	mg/L		ND				20	QAL1
Duplicate (P1L2201-DUP2)				Source: 1L14001-08		Prepared & Analyzed: 12/22/21				
Chemical Oxygen Demand	42.0	1.10	mg/L		43.0			2.35	20	QAL1

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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1L2201 - * DEFAULT PREP *****

Matrix Spike (P1L2201-MS1)		Source: 1L10004-08		Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	108	1.10	mg/L	100	ND	108	80-120			QAL1
Matrix Spike (P1L2201-MS2)		Source: 1L10004-08		Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	101	1.10	mg/L	100	ND	101	80-120			QAL1

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: SPS-11
Project Number: TNM SPS -11
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 Limits	RPD	RPD Limit	Notes
Batch P1L1411 - *** DEFAULT PREP ***									
Blank (P1L1411-BLK1)									
				Prepared: 12/14/21 Analyzed: 12/16/21					
Manganese	ND	0.0200	mg/L						QAL1
Iron	ND	0.0200	"						QAL1
LCS (P1L1411-BS1)									
				Prepared: 12/14/21 Analyzed: 12/16/21					
Iron	0.416	0.0200	mg/L	0.400	104	80-120			QAL1
Manganese	0.0874	0.0200	"	0.0800	109	85-115			QAL1
LCS Dup (P1L1411-BSD1)									
				Prepared: 12/14/21 Analyzed: 12/16/21					
Iron	0.417	0.0200	mg/L	0.400	104	80-120	0.177	20	QAL1
Manganese	0.0852	0.0200	"	0.0800	106	85-115	2.59	20	QAL1
Calibration Blank (P1L1411-CCB1)									
				Prepared: 12/14/21 Analyzed: 12/16/21					
Manganese	-0.000334		mg/L						QAL1
Iron	-0.00153		"						QAL1
Calibration Blank (P1L1411-CCB2)									
				Prepared: 12/14/21 Analyzed: 12/16/21					
Iron	-0.00125		mg/L						QAL1
Manganese	-0.000537		"						QAL1
Calibration Blank (P1L1411-CCB3)									
				Prepared: 12/14/21 Analyzed: 12/16/21					
Iron	0.00113		mg/L						QAL1
Manganese	-0.000559		"						QAL1
Calibration Check (P1L1411-CCV1)									
				Prepared: 12/14/21 Analyzed: 12/16/21					
Iron	0.416	0.0200	mg/L	0.400	104	80-120			QAL1
Manganese	0.0864	0.0200	"	0.0800	108	80-120			QAL1
Calibration Check (P1L1411-CCV2)									
				Prepared: 12/14/21 Analyzed: 12/16/21					
Manganese	0.0867	0.0200	mg/L	0.0800	108	80-120			QAL1
Iron	0.422	0.0200	"	0.400	105	80-120			QAL1

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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

Dissolved Metals by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1L1411 - * DEFAULT PREP *****

Calibration Check (P1L1411-CCV3)

Prepared: 12/14/21 Analyzed: 12/16/21

Iron	0.433	0.0200	mg/L	0.400		108	80-120			QAL1
Manganese	0.0902	0.0200	"	0.0800		113	80-120			QAL1

Matrix Spike (P1L1411-MS1)

Source: 1L14001-03

Prepared: 12/14/21 Analyzed: 12/16/21

Iron	0.738	0.0200	mg/L	0.400	0.333	101	75-125			QAL1
Manganese	0.164	0.0200	"	0.0800	0.0859	98.2	75-125			QAL1

Matrix Spike Dup (P1L1411-MSD1)

Source: 1L14001-03

Prepared: 12/14/21 Analyzed: 12/16/21

Iron	0.737	0.0200	mg/L	0.400	0.333	101	75-125	0.136	20	QAL1
Manganese	0.164	0.0200	"	0.0800	0.0859	97.8	75-125	0.176	20	QAL1

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: SPS-11
Project Number: TNM SPS -11
Project Manager: Curt Stanley

Notes and Definitions

SUB-13 Subcontract of analyte/analysis to ALS Houston.

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

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:

1/12/2022

Brent Barron, Laboratory Director/Technical Director

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

Project: SPS-11
Project Number: TNM SPS -11
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.

PERM 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 1 of 1

Project Manager: Curt Stanley

Project Name: SPS-11

Company Name: TRC Environmental Corporation

Project #: TNM SPS-11

Company Address: 10 Desta Drive, Ste 150E

Project Loc: Lea County, New Mexico

City/State/Zip: Midland/TX/79703

PO #:

Telephone No: (432) 525-7220

Report Format: ☒ Standard ☐ TRRP ☐ NPDESSampler Signature: *Curt Stanley* e-mail: cdstanley@trcsolutions.comcjbryant@paalp.com
algroves@paalp.com

ORDER #: 115001

(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)	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
1	MW-35			12/14/2021	1110	1	9	X	X	X	X					GW	X	X	X	X	X	X			X
2	MW-4			12/14/2021	1157	1	9	X	X	X	X					GW	X	X	X	X	X				X
3	MW-32			12/14/2021	1242	1	9	X	X	X	X					GW	X	X	X	X	X				X
4	MW-9			12/14/2021	1347	1	9	X	X	X	X					GW	X	X	X	X	X				X
5	MW-11			12/14/2021	1448	1	12	X	X	X	X					GW	X	X	X	X	X				X
6	MW-4			12/14/2021	1723	1	12	X	X	X	X					GW	X	X	X	X	X				X

Special Instructions: BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time	Received by:	Date	Time	Received by:	Date	Time	Adjusted:	°C Factor
<i>[Signature]</i>	12/15/21	7:34	<i>[Signature]</i>			<i>[Signature]</i>	12/15/21	7:54	<i>[Signature]</i>			4.5	1
Relinquished by:	Date	Time	Received by:	Date	Time	Received by:	Date	Time	Received by:	Date	Time	Adjusted:	°C Factor
Relinquished by:	Date	Time	Received by:	Date	Time	Received by:	Date	Time	Received by:	Date	Time	Adjusted:	°C Factor

Laboratory Comments:

Sample Containers intact?

VOCs Free of Headspace?

Labels on container(s)?

Custody seals on container(s)?

Custody seals on cooler(s)?

Sample Hand Delivered by Sampler/Client Rep.?

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: 2.5 °C



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?
☒	Sample dated/time present on COC for all samples?
☒	Samplers 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:
Assorted
1L15001

PBEL_SAMPLE_CHECKLIST_2021_1

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:
#2 on chain said mult but the sample showed mult.

Resolution:
Emailed Curt aka Brent + Sara

Client Contacted **Yes**
Name: **Curt Stanley**
Date/Time: **10/15/21 10:00am**
NC Initiated by: **KB** 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 06, 2022

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

Work Order: **HS21121123**

Laboratory Results for: **1L15001**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Dec 17, 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: 06-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L15001
Work Order: HS21121123

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS21121123-01	1L15001-01	Water		14-Dec-2021 11:10	17-Dec-2021 10:50	☐
HS21121123-02	1L15001-02	Water		14-Dec-2021 11:57	17-Dec-2021 10:50	☐
HS21121123-03	1L15001-03	Water		14-Dec-2021 12:42	17-Dec-2021 10:50	☐
HS21121123-04	1L15001-04	Water		14-Dec-2021 13:47	17-Dec-2021 10:50	☐
HS21121123-05	1L15001-05	Water		14-Dec-2021 14:48	17-Dec-2021 10:50	☐
HS21121123-06	1L15001-06	Water		14-Dec-2021 17:23	17-Dec-2021 10:50	☐

ALS Houston, US

Date: 06-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L15001
Work Order: HS21121123

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.

Batch ID: R398126**Sample ID: HS21120809-01MS**

- MS and MSD are for an unrelated sample

GCMS Semivolatiles by Method SW8270**Batch ID: 173739****Sample ID: 1L15001-05 (HS21121123-05)**

- The surrogate recoveries could not be determined due to dilution below the calibration range.

Sample ID: LCSD-173739

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

WetChemistry by Method E415.1**Batch ID: R398188,R398509**

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

ALS Houston, US

Date: 06-Jan-22

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	1L15001	WorkOrder:HS21121123
Sample ID:	1L15001-01	Lab ID:HS21121123-01
Collection Date:	14-Dec-2021 11:10	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 13:06
Ethene	1.17		1.00	ug/L	1	20-Dec-2021 13:06
Methane	23.0		0.500	ug/L	1	20-Dec-2021 13:06
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	8.07		1.00	mg/L	1	22-Dec-2021 05:16

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

ALS Houston, US

Date: 06-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L15001
Sample ID: 1L15001-02
Collection Date: 14-Dec-2021 11:57

ANALYTICAL REPORT

WorkOrder:HS21121123
Lab ID:HS21121123-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	3.17		1.00	ug/L	1	20-Dec-2021 13:15
Ethene	4.45		1.00	ug/L	1	20-Dec-2021 13:15
Methane	769		25.0	ug/L	50	20-Dec-2021 15:48
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	53.0		2.00	mg/L	2	29-Dec-2021 02:17

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

ALS Houston, US

Date: 06-Jan-22

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	1L15001	WorkOrder:HS21121123
Sample ID:	1L15001-03	Lab ID:HS21121123-03
Collection Date:	14-Dec-2021 12:42	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 13:25
Ethene	2.33		1.00	ug/L	1	20-Dec-2021 13:25
Methane	3.32		0.500	ug/L	1	20-Dec-2021 13:25
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	3.07		1.00	mg/L	1	22-Dec-2021 05:48

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

ALS Houston, US

Date: 06-Jan-22

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	1L15001	WorkOrder:HS21121123
Sample ID:	1L15001-04	Lab ID:HS21121123-04
Collection Date:	14-Dec-2021 13:47	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	2.43		1.00	ug/L	1	20-Dec-2021 13:40
Ethene	ND		1.00	ug/L	1	20-Dec-2021 13:40
Methane	1,210		50.0	ug/L	100	20-Dec-2021 15:56
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	50.7		2.00	mg/L	2	29-Dec-2021 02:33

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

ALS Houston, US

Date: 06-Jan-22

Client: Permian Basin Environmental Lab, LP
 Project: 1L15001
 Sample ID: 1L15001-05
 Collection Date: 14-Dec-2021 14:48

ANALYTICAL REPORT

WorkOrder:HS21121123
 Lab ID:HS21121123-05
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 20-Dec-2021		Analyst: JLJ
1-Methylnaphthalene	56.7	n	10.2	ug/L	100	05-Jan-2022 15:05
2-Methylnaphthalene	48.9		10.2	ug/L	100	05-Jan-2022 15:05
Acenaphthene	2.11		0.102	ug/L	1	30-Dec-2021 01:59
Acenaphthylene	0.807		0.102	ug/L	1	30-Dec-2021 01:59
Anthracene	ND		0.102	ug/L	1	30-Dec-2021 01:59
Benz(a)anthracene	ND		0.102	ug/L	1	30-Dec-2021 01:59
Benzo(a)pyrene	ND		0.102	ug/L	1	30-Dec-2021 01:59
Benzo(b)fluoranthene	ND		0.102	ug/L	1	30-Dec-2021 01:59
Benzo(g,h,i)perylene	ND		0.102	ug/L	1	30-Dec-2021 01:59
Benzo(k)fluoranthene	ND		0.102	ug/L	1	30-Dec-2021 01:59
Chrysene	ND		0.102	ug/L	1	30-Dec-2021 01:59
Dibenz(a,h)anthracene	ND		0.102	ug/L	1	30-Dec-2021 01:59
Dibenzofuran	4.65		0.102	ug/L	1	30-Dec-2021 01:59
Fluoranthene	ND		0.102	ug/L	1	30-Dec-2021 01:59
Fluorene	3.69		0.102	ug/L	1	30-Dec-2021 01:59
Indeno(1,2,3-cd)pyrene	ND		0.102	ug/L	1	30-Dec-2021 01:59
Naphthalene	58.3		10.2	ug/L	100	05-Jan-2022 15:05
Phenanthrene	5.09		0.102	ug/L	1	30-Dec-2021 01:59
Pyrene	ND		0.102	ug/L	1	30-Dec-2021 01:59
Surr: 2-Fluorobiphenyl	57.8		32-130	%REC	1	30-Dec-2021 01:59
Surr: 2-Fluorobiphenyl	0	JS	32-130	%REC	100	05-Jan-2022 15:05
Surr: 4-Terphenyl-d14	0	JS	40-135	%REC	100	05-Jan-2022 15:05
Surr: 4-Terphenyl-d14	104		40-135	%REC	1	30-Dec-2021 01:59
Surr: Nitrobenzene-d5	114		45-142	%REC	1	30-Dec-2021 01:59
Surr: Nitrobenzene-d5	0	JS	45-142	%REC	100	05-Jan-2022 15:05
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	18.2		1.00	ug/L	1	20-Dec-2021 13:51
Ethene	ND		1.00	ug/L	1	20-Dec-2021 13:51
Methane	6,120		100	ug/L	200	20-Dec-2021 16:08
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	17.6		1.00	mg/L	1	29-Dec-2021 02:49

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

ALS Houston, US

Date: 06-Jan-22

Client: Permian Basin Environmental Lab, LP
 Project: 1L15001
 Sample ID: 1L15001-06
 Collection Date: 14-Dec-2021 17:23

ANALYTICAL REPORT

WorkOrder:HS21121123
 Lab ID:HS21121123-06
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 20-Dec-2021		Analyst: JLJ
1-Methylnaphthalene	50.0	n	1.03	ug/L	10	05-Jan-2022 15:26
2-Methylnaphthalene	42.9		1.03	ug/L	10	05-Jan-2022 15:26
Acenaphthene	2.58		0.103	ug/L	1	30-Dec-2021 02:19
Acenaphthylene	ND		0.103	ug/L	1	30-Dec-2021 02:19
Anthracene	ND		0.103	ug/L	1	30-Dec-2021 02:19
Benz(a)anthracene	ND		0.103	ug/L	1	30-Dec-2021 02:19
Benzo(a)pyrene	ND		0.103	ug/L	1	30-Dec-2021 02:19
Benzo(b)fluoranthene	ND		0.103	ug/L	1	30-Dec-2021 02:19
Benzo(g,h,i)perylene	ND		0.103	ug/L	1	30-Dec-2021 02:19
Benzo(k)fluoranthene	ND		0.103	ug/L	1	30-Dec-2021 02:19
Chrysene	ND		0.103	ug/L	1	30-Dec-2021 02:19
Dibenz(a,h)anthracene	ND		0.103	ug/L	1	30-Dec-2021 02:19
Dibenzofuran	4.40		0.103	ug/L	1	30-Dec-2021 02:19
Fluoranthene	ND		0.103	ug/L	1	30-Dec-2021 02:19
Fluorene	4.17		0.103	ug/L	1	30-Dec-2021 02:19
Indeno(1,2,3-cd)pyrene	ND		0.103	ug/L	1	30-Dec-2021 02:19
Naphthalene	39.2		1.03	ug/L	10	05-Jan-2022 15:26
Phenanthrene	5.62		0.103	ug/L	1	30-Dec-2021 02:19
Pyrene	ND		0.103	ug/L	1	30-Dec-2021 02:19
Surr: 2-Fluorobiphenyl	63.4		32-130	%REC	1	30-Dec-2021 02:19
Surr: 2-Fluorobiphenyl	90.1		32-130	%REC	10	05-Jan-2022 15:26
Surr: 4-Terphenyl-d14	101		40-135	%REC	10	05-Jan-2022 15:26
Surr: 4-Terphenyl-d14	92.8		40-135	%REC	1	30-Dec-2021 02:19
Surr: Nitrobenzene-d5	119		45-142	%REC	1	30-Dec-2021 02:19
Surr: Nitrobenzene-d5	79.4		45-142	%REC	10	05-Jan-2022 15:26
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	ND		1.00	ug/L	1	21-Dec-2021 09:09
Ethene	ND		1.00	ug/L	1	21-Dec-2021 09:09
Methane	118		5.00	ug/L	10	21-Dec-2021 09:23
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	1.88		1.00	mg/L	1	29-Dec-2021 03:53

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

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 1L15001
WorkOrder: HS21121123

Batch ID: 173739	Start Date: 20 Dec 2021 10:00	End Date: 20 Dec 2021 17:30
Method: SW3511	Prep Code: 3511_PAH	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21121123-05	1	32.26 (mL)	2 (mL)	0.062	40 mL Amber
HS21121123-06	1	32.06 (mL)	2 (mL)	0.06238	40 mL Amber

ALS Houston, US

Date: 06-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L15001
WorkOrder: HS21121123

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 173739 (0)		Test Name : LOW-LEVEL PAHS - 8270D			Matrix: Water	
HS21121123-05	1L15001-05	14 Dec 2021 14:48		20 Dec 2021 10:00	30 Dec 2021 01:59	1
HS21121123-05	1L15001-05	14 Dec 2021 14:48		20 Dec 2021 10:00	05 Jan 2022 15:05	100
HS21121123-06	1L15001-06	14 Dec 2021 17:23		20 Dec 2021 10:00	30 Dec 2021 02:19	1
HS21121123-06	1L15001-06	14 Dec 2021 17:23		20 Dec 2021 10:00	05 Jan 2022 15:26	10
Batch ID: R398123 (0)		Test Name : DISSOLVED GASES BY RSK-175			Matrix: Water	
HS21121123-01	1L15001-01	14 Dec 2021 11:10			20 Dec 2021 13:06	1
HS21121123-02	1L15001-02	14 Dec 2021 11:57			20 Dec 2021 15:48	50
HS21121123-02	1L15001-02	14 Dec 2021 11:57			20 Dec 2021 13:15	1
HS21121123-03	1L15001-03	14 Dec 2021 12:42			20 Dec 2021 13:25	1
HS21121123-04	1L15001-04	14 Dec 2021 13:47			20 Dec 2021 15:56	100
HS21121123-04	1L15001-04	14 Dec 2021 13:47			20 Dec 2021 13:40	1
HS21121123-05	1L15001-05	14 Dec 2021 14:48			20 Dec 2021 16:08	200
HS21121123-05	1L15001-05	14 Dec 2021 14:48			20 Dec 2021 13:51	1
Batch ID: R398126 (0)		Test Name : DISSOLVED GASES BY RSK-175			Matrix: Water	
HS21121123-06	1L15001-06	14 Dec 2021 17:23			21 Dec 2021 09:23	10
HS21121123-06	1L15001-06	14 Dec 2021 17:23			21 Dec 2021 09:09	1
Batch ID: R398188 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS21121123-01	1L15001-01	14 Dec 2021 11:10			22 Dec 2021 05:16	1
HS21121123-03	1L15001-03	14 Dec 2021 12:42			22 Dec 2021 05:48	1
Batch ID: R398509 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS21121123-02	1L15001-02	14 Dec 2021 11:57			29 Dec 2021 02:17	2
HS21121123-04	1L15001-04	14 Dec 2021 13:47			29 Dec 2021 02:33	2
HS21121123-05	1L15001-05	14 Dec 2021 14:48			29 Dec 2021 02:49	1
HS21121123-06	1L15001-06	14 Dec 2021 17:23			29 Dec 2021 03:53	1

ALS Houston, US

Date: 06-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L15001
WorkOrder: HS21121123

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	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	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	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:	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	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: HS21121123-01 HS21121123-02 HS21121123-03 HS21121123-04
 HS21121123-05

ALS Houston, US

Date: 06-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L15001
WorkOrder: HS21121123

QC BATCH REPORT

Batch ID: R398126 (0)		Instrument: FID-4		Method: DISSOLVED GASES BY RSK-175						
MBLK	Sample ID: MBLK-211221	Units: ug/L		Analysis Date: 21-Dec-2021 08:48						
Client ID:	Run ID: FID-4_398126	SeqNo: 6434755		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	ND	1.00								
Ethene	ND	1.00								
Methane	ND	0.500								

LCS	Sample ID: LCS-211221	Units: ug/L		Analysis Date: 21-Dec-2021 09:00						
Client ID:	Run ID: FID-4_398126	SeqNo: 6434756		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	16.85	1.00	18.04	0	93.4	75 - 125				
Ethene	14.85	1.00	16.8	0	88.4	75 - 125				
Methane	10.12	0.500	9.647	0	105	75 - 125				

MS	Sample ID: HS21120809-01MS	Units: ug/L		Analysis Date: 21-Dec-2021 11:22						
Client ID:	Run ID: FID-4_398126	SeqNo: 6434767		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	37.48	1.00	18.04	0.9896	202	75 - 125				S
Ethene	37.89	1.00	16.8	2.865	209	75 - 125				S
Methane	689.4	0.500	9.647	694.5	-52.4	75 - 125				SEO

MSD	Sample ID: HS21120809-01MSD	Units: ug/L		Analysis Date: 21-Dec-2021 11:34						
Client ID:	Run ID: FID-4_398126	SeqNo: 6434768		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	36.94	1.00	18.04	0.9896	199	75 - 125	37.48	1.46	30	S
Ethene	37.55	1.00	16.8	2.865	206	75 - 125	37.89	0.901	30	S
Methane	683.9	0.500	9.647	694.5	-110	75 - 125	689.4	0.811	30	SEO

The following samples were analyzed in this batch: HS21121123-06

ALS Houston, US

Date: 06-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L15001
WorkOrder: HS21121123

QC BATCH REPORT

Batch ID: 173739 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
MBLK	Sample ID: MBLK-173739	Units: ug/L		Analysis Date: 28-Dec-2021 11:13						
Client ID:	Run ID: SV-6_398549	SeqNo: 6448803		PrepDate: 20-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	1.537	0.100	3.03	0	50.7	32 - 130				
Surr: 4-Terphenyl-d14	1.846	0.100	3.03	0	60.9	40 - 135				
Surr: Nitrobenzene-d5	3.136	0.100	3.03	0	103	45 - 142				

ALS Houston, US

Date: 06-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L15001
WorkOrder: HS21121123

QC BATCH REPORT

Batch ID: 173739 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCS		Sample ID: LCS-173739		Units: ug/L		Analysis Date: 29-Dec-2021 19:34				
Client ID:		Run ID: SV-6_398715		SeqNo: 6448979		PrepDate: 20-Dec-2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	2.965	0.100	3.03	0	97.8	40 - 140				
2-Methylnaphthalene	2.748	0.100	3.03	0	90.7	40 - 140				
Acenaphthene	2.191	0.100	3.03	0	72.3	40 - 140				
Acenaphthylene	3.5	0.100	3.03	0	116	40 - 140				
Anthracene	3.983	0.100	3.03	0	131	40 - 140				
Benz(a)anthracene	4.156	0.100	3.03	0	137	40 - 140				
Benzo(a)pyrene	4.155	0.100	3.03	0	137	40 - 140				
Benzo(b)fluoranthene	4.204	0.100	3.03	0	139	40 - 140				
Benzo(g,h,i)perylene	3.712	0.100	3.03	0	122	40 - 140				
Benzo(k)fluoranthene	3.352	0.100	3.03	0	111	40 - 140				
Chrysene	3.009	0.100	3.03	0	99.3	40 - 140				
Dibenz(a,h)anthracene	4.027	0.100	3.03	0	133	40 - 140				
Dibenzofuran	3.392	0.100	3.03	0	112	40 - 140				
Fluoranthene	3.262	0.100	3.03	0	108	40 - 140				
Fluorene	3.793	0.100	3.03	0	125	40 - 140				
Indeno(1,2,3-cd)pyrene	4.097	0.100	3.03	0	135	40 - 140				
Naphthalene	2.639	0.100	3.03	0	87.1	40 - 140				
Phenanthrene	3.577	0.100	3.03	0	118	40 - 140				
Pyrene	3.597	0.100	3.03	0	119	40 - 140				
Surr: 2-Fluorobiphenyl	2.264	0.100	3.03	0	74.7	32 - 130				
Surr: 4-Terphenyl-d14	2.536	0.100	3.03	0	83.7	40 - 135				
Surr: Nitrobenzene-d5	4.026	0.100	3.03	0	133	45 - 142				

ALS Houston, US

Date: 06-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L15001
WorkOrder: HS21121123

QC BATCH REPORT

Batch ID: 173739 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCSD		Sample ID: LCSD-173739		Units: ug/L		Analysis Date: 29-Dec-2021 19:55				
Client ID:		Run ID: SV-6_398715		SeqNo: 6448980		PrepDate: 20-Dec-2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	2.638	0.100	3.03	0	87.1	40 - 140	2.965	11.7	25	
2-Methylnaphthalene	2.52	0.100	3.03	0	83.2	40 - 140	2.748	8.69	25	
Acenaphthene	3.993	0.100	3.03	0	132	40 - 140	2.191	58.3	25	R
Acenaphthylene	3.134	0.100	3.03	0	103	40 - 140	3.5	11.1	25	
Anthracene	2.066	0.100	3.03	0	68.2	40 - 140	3.983	63.4	25	R
Benz(a)anthracene	2.006	0.100	3.03	0	66.2	40 - 140	4.156	69.8	25	R
Benzo(a)pyrene	3.877	0.100	3.03	0	128	40 - 140	4.155	6.94	25	
Benzo(b)fluoranthene	2.824	0.100	3.03	0	93.2	40 - 140	4.204	39.3	25	R
Benzo(g,h,i)perylene	3.043	0.100	3.03	0	100	40 - 140	3.712	19.8	25	
Benzo(k)fluoranthene	3.115	0.100	3.03	0	103	40 - 140	3.352	7.31	25	
Chrysene	1.933	0.100	3.03	0	63.8	40 - 140	3.009	43.6	25	R
Dibenz(a,h)anthracene	3.41	0.100	3.03	0	113	40 - 140	4.027	16.6	25	
Dibenzofuran	3.027	0.100	3.03	0	99.9	40 - 140	3.392	11.4	25	
Fluoranthene	1.628	0.100	3.03	0	53.7	40 - 140	3.262	66.9	25	R
Fluorene	3.677	0.100	3.03	0	121	40 - 140	3.793	3.12	25	
Indeno(1,2,3-cd)pyrene	3.534	0.100	3.03	0	117	40 - 140	4.097	14.7	25	
Naphthalene	2.629	0.100	3.03	0	86.8	40 - 140	2.639	0.403	25	
Phenanthrene	1.729	0.100	3.03	0	57.1	40 - 140	3.577	69.6	25	R
Pyrene	2.019	0.100	3.03	0	66.6	40 - 140	3.597	56.2	25	R
Surr: 2-Fluorobiphenyl	2.584	0.100	3.03	0	85.3	32 - 130	2.264	13.2	25	
Surr: 4-Terphenyl-d14	1.562	0.100	3.03	0	51.5	40 - 135	2.536	47.6	25	R
Surr: Nitrobenzene-d5	2.911	0.100	3.03	0	96.1	45 - 142	4.026	32.1	25	R

The following samples were analyzed in this batch: HS21121123-05 HS21121123-06

ALS Houston, US

Date: 06-Jan-22

Client: Permian Basin Environmental Lab, LP

Project: 1L15001

WorkOrder: HS21121123

QC BATCH REPORT

Batch ID: R398188 (0)		Instrument: TOC_04		Method: TOTAL ORGANIC CARBON BY E415.1					
MBLK	Sample ID: MBLK-12212021	Units: mg/L		Analysis Date: 22-Dec-2021 01:47					
Client ID:	Run ID: TOC_04_398188	SeqNo: 6435204		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	ND	1.00							
LCS	Sample ID: LCS-12212021	Units: mg/L		Analysis Date: 22-Dec-2021 02:03					
Client ID:	Run ID: TOC_04_398188	SeqNo: 6435205		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	10.35	1.00	10	0	104	85 - 115			
LCSD	Sample ID: LCSD-12212021	Units: mg/L		Analysis Date: 22-Dec-2021 02:19					
Client ID:	Run ID: TOC_04_398188	SeqNo: 6435206		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	10.49	1.00	10	0	105	85 - 115	10.35	1.34	20
MS	Sample ID: HS21121032-01MS	Units: mg/L		Analysis Date: 22-Dec-2021 03:55					
Client ID:	Run ID: TOC_04_398188	SeqNo: 6435212		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	25.62	1.00	10	14.73	109	80 - 120			
The following samples were analyzed in this batch:									
HS21121123-01 HS21121123-03									

ALS Houston, US

Date: 06-Jan-22

Client: Permian Basin Environmental Lab, LP

Project: 1L15001

WorkOrder: HS21121123

QC BATCH REPORT

Batch ID: R398509 (0)		Instrument: TOC_04		Method: TOTAL ORGANIC CARBON BY E415.1					
MBLK	Sample ID: MBLK-12282021	Units: mg/L		Analysis Date: 29-Dec-2021 00:25					
Client ID:	Run ID: TOC_04_398509	SeqNo: 6443582		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-12282021	Units: mg/L		Analysis Date: 29-Dec-2021 00:41					
Client ID:	Run ID: TOC_04_398509	SeqNo: 6443583		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	10.14	1.00	10	0	101	85 - 115			
LCSD	Sample ID: LCSD-12282021	Units: mg/L		Analysis Date: 29-Dec-2021 00:57					
Client ID:	Run ID: TOC_04_398509	SeqNo: 6443584		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	10.2	1.00	10	0	102	85 - 115	10.14	0.59	20
MS	Sample ID: HS21121302-01MS	Units: mg/L		Analysis Date: 29-Dec-2021 04:25					
Client ID:	Run ID: TOC_04_398509	SeqNo: 6443596		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	19.46	1.00	10	8.037	114	80 - 120			
The following samples were analyzed in this batch:									
HS21121123-02		HS21121123-04		HS21121123-05		HS21121123-06			

ALS Houston, US

Date: 06-Jan-22

Client: Permian Basin Environmental Lab, LP
Project: 1L15001
WorkOrder: HS21121123

**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: 06-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: 06-Jan-22

Sample Receipt Checklist

Work Order ID: HS21121123

Date/Time Received: 17-Dec-2021 10:50

Client Name: Permian Basin Lab

Received by: Pablo Martinez

Completed By: /S/ Jared R. Makan	18-Dec-2021 09:57	Reviewed by: /S/ Bernadette A. Fini	20-Dec-2021 08:41
eSignature	Date/Time	eSignature	Date/Time

Matrices: WaterCarrier name: FedEx

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Samplers name present on COC?	Yes ☐	No ☒	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Temperature(s)/Thermometer(s):	0.9°C UC/C IR31		
Cooler(s)/Kit(s):	Red		
Date/Time sample(s) sent to storage:	12/18/2021 10:00		
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: Shipping air bill not on cooler at receipt.

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:



HS21121123
Permian Basin Environmental Lab, LP
1L15001



e-mail: brentbarron@pbelab.com

LAB # (lab use only)		FIELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filled	Total #. of Containers	Preservation & # of Containers							Matrix	Analyze For:																			
										ICE	HNO ₃ 32% vol	HCl 3.40M VOA	H ₂ SO ₄ 18.0M vol	NaOH 12M VOA 250 Poly 1	Na ₂ SO ₃	None Poly 500mL 250mL Glass Amber 1000 500 mL	NONE 3 AMBER VOA VIALS	DW=Drinking Water SL=Sludge GW= Groundwater S=Soil/Solid NP=Non-Potable Specify Other		8270C PAH LL	METALS RCRA 8 TOTAL ICPMS 7471	TOC SM5310	RSK-175 Methane, Ethane, Ethene	9260 COMPLETE LIST	8270C SEMIVOLATILE	Cr TCLP ICPMS 6020A	Cd TCLP ICPMS 6020A	8250C SEMIVOLATILE	METHANOL 8015M	GLYCOLS-DI 8015B	HG TOTAL CVAA 7470	NH4	24 HOUR	STANDARD 4 DAY			
		1L15001-01				12/14/2021	11:10		4	X	3	1					3	W			X	X															
		1L15001-02				12/14/2021	11:57		1	X	3	1					1	W			X	X															
		1L15001-03				12/14/2021	12:42		1	X	3	1					1	W			X	X															
		1L15001-04				12/14/2021	13:47		1	X	3	1					1	W			X	X															
		1L15001-05				12/14/2021	14:48		7	X	3	1					3	W	X		X	X															
		1L15001-06				12/14/2021	17:23		7	X	3	1					3	W	X		X	X															
Special Instructions:																																					
Relinquished by:		Date	Time																Laboratory Comments:																		
Brent Barron		12/16/2021	16:00																Sample Containers Intact? Y N																		
Relinquished by:		Date	Time																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																		
Relinquished by:		Date	Time																Sample Hand Delivered Y N																		
																			by Sampler/Client Rep. ? Y N																		
																			by Courier? UPS DHL FedEx L																		
																			Temperature Upon Receipt: Received: 6.9 °C Adjusted: °C Factor																		

APPENDIX B:
Release Notification and Corrective Action
(NMOCD Form C-141)

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

x Initial Report ☐ Final Report

Name of Company	Plains Pipeline, LP	Contact:	Camille Reynolds
Address:	3705 E. Hwy 158, Midland, TX 79706	Telephone No.	505-441-0965
Facility Name	SPS #11	Facility Type:	Pipeline

Surface Owner: New Mexico State Land Office	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter F	Section 18	Township 18S	Range 36E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea

Latitude 32 degrees 44' 50.3" **Longitude** 103 degrees 23' 36.5"

NATURE OF RELEASE

Type of Release:	Volume of Release:	Volume Recovered
Source of Release:	Date and Hour of Occurrence Unknown	Date and Hour of Discovery
Was Immediate Notice Given? Yes ☐ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Describe Area Affected and Cleanup Action Taken.*

NOTE: Texas-New Mexico Pipeline was the owner/operator of the pipeline system at the time of the release, initial response information is unavailable .

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	<u>OIL CONSERVATION DIVISION</u>		
	Approved by District Supervisor:		
Printed Name: Camille Reynolds			
Title: Remediation Coordinator	Approval Date:	Expiration Date:	
E-mail Address: cjreynolds@paalp.com	Conditions of Approval:		Attached ☐
Date: 3/21/2005 Phone: (505)441-0965			

* Attach Additional Sheets If Necessary

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 93370

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	OGRID:
	34053
	Action Number: 93370
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2021 ANNUAL GROUNDWATER MONITORING REPORT: Content satisfactory Contractor anticipated actions approved by NMOCD and are as follows; 1. Continue groundwater monitoring and bi-monthly PSH recovery in 2022 2. Continue bi-monthly pumping of monitor wells MW-9, MW-14, MW-26, and MW-32 3. Collect future samples for PAH analysis in monitor wells MW-1, MW-2, MW-4, MW-7, and MW-11 when measurable PSH is not observed 4. Conduct low-flow sampling of MNA parameters from MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11 during each quarterly sampling event 5. Submit the Annual Monitoring Report to the NMOCD no later than March 31, 2023.	8/3/2022