



**2023
ANNUAL MONITORING REPORT**

REVIEWED

By Mike Buchanan at 2:31 pm, Aug 19, 2024

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**

Review of the 2023 Annual Monitoring Report for TNM SPS-11: content satisfactory

1. Continue to conduct PSH product recovery as necessary for 2024 where possible in monitoring wells.
2. All requests for monitoring well P&A must be submitted separately as a work plan to OCD. This cannot be approved as part of the monitoring report.
3. Please continue to conduct groundwater monitoring on a quarterly basis for PAH and BTEX analyses.
4. Submit the work plan for P&A of select wells to OCD within 60 days.
5. Submit the 2024 annual monitoring report to OCD by May 1, 2025.

PREPARED FOR:

PLAINS MARKETING, L.P.
333 CLAY STREET, SUITE 1600
HOUSTON, TEXAS 77002

PREPARED BY:

TRC ENVIRONMENTAL CORPORATION
10 Desta Drive, Suite 130E
Midland, Texas 79705

May 2024

A handwritten signature in black ink, appearing to read "Jonathan P. Reppman".

Jonathan P. Reppman, P.G.
Midland Office Practice Lead

TABLE OF CONTENTS

INTRODUCTION	1
SITE DESCRIPTION AND BACKGROUND INFORMATION	1
FIELD ACTIVITIES	2
LABORATORY RESULTS	3
MONITORED NATURAL ATTENUATION LABORATORY RESULTS SUMMARY	15
SUMMARY	23
ANTICIPATED ACTIONS	24
LIMITATIONS	24
DISTRIBUTION	25

FIGURES

Figure 1 – Site Location Map

Figure 2 – Site Map

Figure 3A – Inferred Groundwater Gradient Map – February 7-9, 2023

Figure 3B – Inferred Groundwater Gradient Map – May 5-9, 2023

Figure 3C – Inferred Groundwater Gradient Map – August 22-24, 2023

Figure 3D – Inferred Groundwater Gradient Map – October 31-November 1, 2023

Figure 4 – Differentiated Area Site Map

Figure 5 – Area 1 Site Map

Figure 5A – Inferred PSH Extent Map and BTEX Concentration Map – Area 1 – February 7-9

Figure 5B – Inferred PSH Extent Map and BTEX Concentration Map – Area 1 – May 5-9, 2023

Figure 5C – Inferred PSH Extent Map and BTEX Concentration Map – Area 1 – August 22-24, 2023

Figure 5D – Inferred PSH Extent Map and BTEX Concentration Map – Area 1 – October 31-November 1, 2023

Figure 6 – Area 2 Site Map

Figure 6A – Inferred PSH Extent Map and BTEX Concentration Map – Area 2 – February 9-10 and March 9, 2023

Figure 6B – Inferred PSH Extent Map and BTEX Concentration Map – Area 2 – May 2-4, 2023

Figure 6C – Inferred PSH Extent Map and BTEX Concentration Map – Area 2 – August 22-24, 2023

Figure 6D – Inferred PSH Extent Map and BTEX Concentration Map – Area 2 – October 31-November 1, 2023

Figure 7 – Area 3 Site Map

Figure 7A – Inferred PSH Extent Map and BTEX Concentration Map – Area 3 – February 9-10 and March 9, 2023

Figure 7B – Inferred PSH Extent Map and BTEX Concentration Map – Area 3 – May 2-4, 2023

Figure 7C – Inferred PSH Extent Map and BTEX Concentration Map – Area 3 – August 22-23, 2023

Figure 7D – Inferred PSH Extent Map and BTEX Concentration Map – Area 3 – October 31-November 1, 2023

TABLES

Table 1 – 2023 Groundwater Elevation Data

Table 2 – 2023 Concentrations of BTEX in Groundwater

Table 3 – 2023 Polynuclear Aromatic Hydrocarbon Concentrations in Groundwater

Table 4 – Historical Groundwater Elevation Data

Table 5 – Historical Concentrations of BTEX in Groundwater

Table 6 – Historical Polynuclear Aromatic Hydrocarbon Concentrations in Groundwater

Table 7 – GSI Mann-Kendall Toolkit Benzene Trend Analysis

Table 8 – GSI Mann-Kendall Toolkit Toluene Trend Analysis

Table 9 – GSI Mann-Kendall Toolkit Ethylbenzene Trend Analysis

Table 10 – GSI Mann-Kendall Toolkit Xylene Trend Analysis

Table 11 – GSI Mann-Kendall Toolkit Total Organic Carbon (TOC) Trend Analysis

Table 12 – GSI Mann-Kendall Toolkit Dissolved Methane Trend Analysis

Table 13 – GSI Mann-Kendall Toolkit Dissolved Ethane Trend Analysis

Table 14 – GSI Mann-Kendall Toolkit Dissolved Ethene Trend Analysis

Table 15 – GSI Mann-Kendall Toolkit Dissolved Iron Trend Analysis

Table 16 – GSI Mann-Kendall Toolkit Dissolved Manganese Trend Analysis

Table 17 – GSI Mann-Kendall Toolkit Nitrate Trend Analysis

Table 18 – GSI Mann-Kendall Toolkit Sulfate Trend Analysis

Table 19 – GSI Mann-Kendall Chemical Oxygen Demand (COD) Trend Analysis

APPENDICES

Appendix A – 2023 Laboratory Analytical Reports

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

INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), TRC Environmental Corporation (TRC) is pleased to submit this 2023 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 2023 only. However, historical data tables, as well as 2023 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 2023 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 monitor wells selected as part of 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 $\frac{1}{4}$ of the SE $\frac{1}{4}$ 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

During first quarter 2023, a measurable thickness of PSH was detected in MW-1, MW-2, MW-4, MW-7, and MW-11. During second quarter 2023, a measurable thickness of PSH was detected in MW-1, MW-2, MW-4, MW-7, and MW-11. During third quarter 2023, a measurable thickness of PSH was detected in MW-1, MW-2, MW-4, MW-7, MW-10, and MW-11. During fourth quarter 2023, a measurable thickness of PSH was detected in MW-1, MW-2, MW-4, MW-7, MW-10, and MW-11. The maximum thickness of PSH in the monitor wells was 4.56 feet as recorded in monitor well MW-4 on January 19, 2023. The average thickness of PSH in monitor wells exhibiting PSH was 2.64 feet. PSH data for the 2023 gauging events can be found in Table 1. PSH recovery is performed on a bi-monthly schedule by manual recovery methods. Approximately 113.50 gallons (2.702 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 February 7-9 and May 5-9, August 22-24, and October 31-November 1, 2023. During each sampling event, monitor wells not selected for MNA analyses 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. 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.

During the reporting period the monitor wells selected for MNA analyses (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. If LNAPL was present in a monitoring well selected for MNA analyses, LNAPL was removed utilizing a hand bailer prior to enacting low flow groundwater sampling.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during quarterly sampling events performed in 2023, are depicted on Figures 3A - 3D, the Inferred Groundwater Gradient Maps. Groundwater elevation data for 2023 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 3,788.19 and 3799.49 feet above mean sea level, in monitor well MW-35 on November 1, 2023, and in monitor well MW-25 on May 8, 2023, respectively. PSH data for the 2023 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.

Groundwater samples obtained during quarterly sampling events of 2023 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 2023 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 non-MNA monitor wells MW-1, MW-2 and MW-7. Monitoring wells MW-4 and MW-11 were sampled for PAH analysis despite the presence of LNAPL as they were selected MNA parameter monitoring wells. MNA parameters sampling activities were conducted during all four (4) quarters of the reporting period in the selected wells (MW-4, MW-9, MW-11, MW-14, MW-32, and MW-35).

A listing of BTEX constituent concentrations for 2023 are summarized in Table 2 and historical concentrations of BTEX in groundwater are summarized in Table 5. The 2023 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 2023 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 0.0823 mg/L during the 3rd quarter to 0.426 mg/L during the 1st quarter sampling event of 2023. 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 3rd quarter to 0.00127 mg/L during the 1st quarter sampling event of 2023. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00166 mg/L during the 4th quarter to 0.00669 mg/L during the 1st quarter sampling event of 2023. Ethylbenzene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. Xylene concentrations were less than the applicable laboratory RL during all four quarters of the reporting period. 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 reporting period were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-9.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
02/09/23	MW-9	6.80	20.39	1.26	-56	4.10	14.7
05/09/23	MW-9	6.99	21.48	1155	-209.3	0.51	62.16
08/23/23	MW-9	6.87	22.56	1.23	-191.7	2.66	16.41
11/01/23	MW-9	7.41	19.79	1.17	-133.1	0.10	29.63

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 “Prob. 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 “Prob. 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 “No Trend” in monitor well MW-9.

Please note, due to the limitations of the GSI Mann-Kendall Toolkit, constituents exhibiting concentrations less than the 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 could not be sampled during the 4th sampling events due to insufficient groundwater in the monitor well. 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, toluene, and ethylbenzene concentrations was less than the RL and below the NMOCD

regulatory guidelines during all four quarters of the reporting period. Xylene concentrations ranged from below the applicable laboratory RL and NMOCD regulatory guidelines during the 1st, 3rd, and 4th quarters of the reporting period to 0.00450 mg/L during the 2nd quarter 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 table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-14.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
02/09/23	MW-14	7.14	20.78	1.16	-63	0	109
05/09/23	MW-14	7.04	21.83	1056.7	-232.7	0.08	470.96
08/23/23	MW-14	6.95	22.10	1.17	-205.1	2.84	31.72
11/01/23	MW-14	7.51	18.39	1.09	-118.2	0.37	668.86

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 benzene, toluene, ethylbenzene, and xylene constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during the 4th 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 quarter of the reporting period. During the 4th quarter it could not be sampled due to insufficient groundwater in the monitor well. 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 all four (4) quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.04 feet, 0.09 feet, 0.08 feet, and 0.04 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2023, respectively. 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 all four (4) quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.21 feet, 0.22 feet, 0.12 feet, and 0.20 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2023, respectively. 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 sampled on a quarterly schedule. PSH was present during all four (4) quarters of the reporting period, however, due to MNA parameter sampling monitor well MW-4 was sampled for BTEX constituents all four quarters of the reporting period. Analytical results indicated benzene concentrations ranged from 2.15 mg/L during the 1st quarter to 11.5 mg/L during the 3rd quarter of the reporting period. Benzene concentrations were above the NMOCD regulatory

guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.0208 mg/L during the 1st quarter to 0.171 mg/L during the 4th quarter sampling event of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 2.12 mg/L during the 1st quarter to 9.17 mg/L during the 3rd quarter of 2023. Ethylbenzene concentrations were above the NMOCD regulatory guidelines during all four quarters of the reporting period. Xylene concentrations ranged from 1.892 mg/L during the 1st quarter to 7.244 mg/L during the 3rd quarter sampling event of the reporting period. Xylene concentrations were above the NMOCD regulatory guidelines all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for anthracene (0.13 mg/L), fluorene (0.22 mg/L), phenanthrene (0.37 mg/L), and naphthalene (7.4 mg/L).

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 reporting period and groundwater samples were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-4

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
02/09/23	MW-4	7.01	20.78	0.521	-169	0	302
05/09/23	MW-4	7.04	23.70	520.64	-384.6	0.09	235.28
08/23/23	MW-4	7.33	24.39	0	-326.3	1.82	1321.40
11/01/23	MW-4	-	-	-	-	-	-

Analytical benzene data for the previous five (5) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-4. Analytical toluene data for the previous five (5) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was “Prob. Increasing” in monitor well MW-4. Analytical ethylbenzene data for the previous five (5) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-4. Analytical xylene data for the previous five (5) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-4.

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-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 2.10 feet, 0.28 feet, 3.14 feet, and 2.99 feet were reported during the 1st, 2nd, 3rd,

and 4th quarters of 2023, 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. PSH was present during 3rd and 4th quarters of the reporting period. Analytical results indicated benzene concentrations ranged from below the applicable laboratory RL during the 1st and 2nd quarters to 0.0795 mg/L during the 4th quarter of the reporting period. Benzene concentrations were above the NMOCD regulatory guidelines during the 3rd and 4th quarters of the reporting period. Toluene concentrations ranged from below the applicable laboratory RL during the 1st and 2nd quarter to 0.0107 mg/L during the 3rd quarter sampling event of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from below the applicable laboratory RL during the 1st and 2nd quarter to 2.11 mg/L during the 3rd quarter of 2023. Ethylbenzene concentrations were above the NMOCD regulatory guidelines during the 3rd and 4th quarters of the reporting period. Xylene concentrations ranged from below the applicable laboratory RL during the 1st and 2nd quarter to 1.082 mg/L during the 3rd quarter sampling event of the reporting period. Xylene concentrations were above the NMOCD regulatory guidelines in the 3rd and 4th quarters of the reporting period.

Monitor well MW-11 is sampled on a quarterly schedule. PSH was present during all four (4) quarters of the reporting period, however, due to MNA parameter sampling monitor well MW-11 was sampled for BTEX, PAH, and MNA during all four (4) quarters of the reporting period. Analytical results indicated benzene concentrations ranged from 2.54 mg/L during the 4th quarter to 7.46 mg/L during the 1st quarter of 2023. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00675 mg/L during the 2nd quarter to 0.0424 mg/L during the 3rd quarter sampling event of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.911 mg/L during the 4th quarter to 3.83 mg/L during the 2nd quarter of the reporting period. Ethylbenzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.6270 mg/L during the 4th quarter to 2.674 mg/L during the 2nd quarter of the reporting period. Xylene concentrations were above the NMOCD regulatory guidelines all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for anthracene (0.016 mg/L), fluorene (0.036 mg/L), phenanthrene (0.042 mg/L), and naphthalene (0.96 mg/L).

Monitor well MW-11 was selected as an MNA parameter well and is located in the “Cross Gradient of the Plume”. PSH thicknesses were removed prior to the collection of groundwater samples during the reporting period and groundwater samples were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-11.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
02/09/23	MW-11	6.88	21.06	0.937	-53	0	23.9
05/09/23	MW-11	6.80	26.80	1072.5	-211	0.06	1010.1
08/23/23	MW-11	7.04	24.41	0	-224.6	0.00	285.46
11/01/23	MW-11	7.37	20.82	0.87	-115.9	0.05	215.68

Analytical benzene data for the previous five (5) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was “Stable” in monitor well MW-11. Analytical toluene data for the previous five (5) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-11. Analytical ethylbenzene data for the previous five (5) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-11. Analytical xylene data for the previous five (5) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-11.

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-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 4th 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 toluene, ethylbenzene, and xylene were less than the applicable RL and the NMOCD guidelines. Benzene concentrations was 0.00192 mg/L during the 4th quarter, which is below to NMOCD regulatory guidelines. 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 below the applicable laboratory RL during the 1st, end, and 3rd quarters to 0.00132 mg/L during the 4th quarter of 2023. Benzene concentrations were below the NMOCD regulatory guideline during all four (4) quarters of the reporting period. Toluene concentrations ranged from below the applicable laboratory RL during the 2nd and 3rd quarters to 0.00152 mg/L during the 4th quarter of 2023. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from below the applicable laboratory RL during the 1st, 2nd, and 3rd quarters to 0.00110 mg/L during the 4th quarter of 2023. 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 the 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 1st, 2nd, and 4th quarters of the reporting period. Due to the lack of sufficient water during the 3rd quarter 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 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 0.00181 mg/L during the 3rd quarter sampling event to 0.00724 mg/L during the 2nd quarter sampling event of the reporting period. Benzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00199 mg/L during the 3rd quarter sampling event to 0.00694 mg/L during the 2nd quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged 0.0130 during the 3rd quarter sampling event to 0.0335 mg/L during the 2nd quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. Xylene concentrations ranged 0.02252 during the 3rd quarter sampling event to 0.0527 mg/L during the 1st quarter of the reporting period. 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.

Monitor well MW-32 was selected as an MNA parameter well and is located in the “Down Gradient within the Plume”. Groundwater samples were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-32.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
02/09/23	MW-32	6.97	20.81	0.728	86	1.27	137
05/09/23	MW-32	6.89	21.67	690.26	-52.6	0.76	223.07
08/23/23	MW-32	6.98	21.40	0.70	-26.2	0	60.83
11/01/23	MW-32	7.48	19.89	0.69	137.8	1.38	330.43

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 3rd 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 3rd 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, however, MW-35 was selected as a MNA parameter well and was sampled quarterly during the reporting period. Analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-35 was selected as an MNA parameter well and is located in the “Down Gradient of Plume”. Groundwater samples were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-35.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
02/09/23	MW-35	6.91	19.14	1.01	-31	1.46	73.4
05/09/23	MW-35	6.77	21.52	903.54	-176.4	0.56	340.55
08/23/23	MW-35	6.89	21.02	0.98	-149.2	2.49	21.21
11/01/23	MW-35	7.38	20.56	0.90	-48.5	0.16	34.08

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 4th 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 4th 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 4th 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 4th 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.

For the 1st quarter the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor wells MW-14 and MW-35 to 7.46 mg/L for monitor well MW-11.

For the 2nd quarter the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor wells MW-14 and MW-35 to 7.59 mg/L for monitor well MW-4.

For the 3rd quarter the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor wells MW-14 and MW-35 to 11.50 mg/L for monitor well MW-4.

For the 4th quarter the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor wells MW-14 and MW-35 to 5.46 mg/L for monitor well MW-4.

Please reference Table 7 for GSI-MKT benzene results. Analytical benzene data for the previous ten (10) years was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11. The GSI-MKT indicated the Concentration Trends for MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11 were as follows “Increasing”, “Decreasing”, “No Trend”, “Decreasing”, “Decreasing”, and “Stable”.

For the 1st quarter the analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-14 and MW-35 to 0.0208 mg/L for monitor well MW-4.

For the 2nd quarter the analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-14, MW-9, and MW-35 to 0.144 mg/L for monitor well MW-4.

For the 3rd quarter the analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-14 and MW-35 to 0.0750 mg/L for monitor well MW-4.

For the 4th quarter the analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-14 and MW-35 to 0.171 mg/L for monitor well MW-4.

Please reference Table 8 for GSI-MKT toluene results. Analytical toluene data for the previous ten (10) years was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11. The GSI-MKT indicated the Concentration Trends for MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11 were as follows “Prob. Increasing”, “Decreasing”, “Prob. Increasing”, “Decreasing”, “No Trend”, and “No Trend”.

For the 1st quarter the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-14 and MW-35 to 2.27 mg/L for monitor well MW-11.

For the 2nd quarter the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor well MW-14 and MW-35 to 3.83 mg/L for monitor well MW-11.

For the 3rd quarter the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-14 and MW-35 to 9.17 mg/L for monitor well MW-4.

For the 4th quarter the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-14 and MW-35 to 4.41 mg/L for monitor well MW-4.

Please reference Table 9 for GSI-MKT ethylbenzene results. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11. The GSI-MKT indicated the Concentration Trends for MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11 were as follows “Prob. Increasing”, “Decreasing”, “No Trend”, “Decreasing”, “Decreasing”, and “No Trend”.

For the 1st quarter the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-9 and MW-35 to 1.892 mg/L for monitor well MW-4.

For the 2nd quarter the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-9, MW-14, and MW-35 to 2.674 mg/L for monitor well MW-11.

For the 3rd quarter the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor well MW-9, MW-14, and MW-35 to 7.244 mg/L for monitor well MW-4.

For the 4th quarter the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-9 and MW-35 to 3.212 mg/L for monitor well MW-4.

Please reference Table 10 for GSI-MKT xylene results. Analytical xylene data for the previous ten (10) years was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11. The GSI-MKT indicated the Concentration Trends for MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11 were as follows “No Trend”, “Decreasing”, “No Trend”, “Decreasing”, “Decreasing”, and “No Trend”.

For the 1st quarter the analytical results for concentrations of TOC ranged from 2.62 mg/L for monitor well MW-32 to 60.2 mg/L for monitor well MW-9.

For the 2nd quarter the analytical results for concentrations of TOC ranged from 1.69 mg/L for monitor well MW-32, to 58.1 mg/L for monitor well MW-9.

For the 3rd quarter the analytical results for concentrations of TOC ranged from below the applicable laboratory RL for monitor well MW-4, to 57.5 mg/L for monitor well MW-9.

For the 4th quarter the analytical results for concentrations of TOC ranged from 1.08 mg/L for monitor well MW-32, to 1920 mg/L for monitor well MW-4.

Please reference Table 11 for GSI-MKT TOC results. Analytical TOC data for the previous nine (9) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11. The GSI-MKT indicated the Concentration Trends for MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11 were as follows “No Trend”, “Prob. Increasing”, “Probably Increasing”, “Decreasing”, “Stable”, and “No Trend”.

For the 1st quarter the analytical results for concentrations of Dissolved Methane ranged from 0.00151 mg/L for monitor well MW-32 to 7.06 mg/L for monitor well MW-11.

For the 2nd quarter the analytical results for concentrations of Dissolved Methane ranged from 0.00153 mg/L for monitor well MW-32 to 6.58 mg/L for monitor well MW-4.

For the 3rd quarter the analytical results for concentrations of Dissolved Methane ranged from 0.00117 mg/L for monitor well MW-32 to 6.70 mg/L for monitor well MW-11.

For the 4th quarter the analytical results for concentrations of Dissolved Methane ranged from 0.00192 mg/L for monitor well MW-32 to 3.06 mg/L for monitor well MW-4.

Please reference Table 12 for GSI-MKT Dissolved Methane results. Analytical Methane data for the previous nine (9) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11. The GSI-MKT indicated the Concentration Trends for MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11 were as follows “No Trend”, “Stable”, “Increasing”, “Stable”, “No Trend”, and “Stable”.

For the 1st quarter the analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-4 and MW-32 to 0.0144 mg/L for monitor well MW-11.

For the 2nd quarter the analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-32 and MW-35 to 0.0175 mg/L for monitor well MW-11.

For the 3rd quarter the analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-9, MW-4, MW-32, MW-35, and MW-11 to 0.00165 mg/L for monitor well MW-14.

For the 4th quarter the analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-9, MW-4, and MW-11 to 0.00220 mg/L for monitor well MW-35.

Please reference Table 13 for GSI-MKT Dissolved Ethane results. Analytical Dissolved Ethane data for the previous nine (9) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11. The GSI-MKT indicated the Concentration Trends for MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11 were as follows “No Trend”, “No Trend”, “No Trend”, “No Trend”, “No Trend”, and “Prob. Decreasing”.

For the 1st quarter the analytical results for concentrations of Dissolved Ethene ranged from less than the applicable laboratory RL for monitor wells MW-9, MW-14, MW-4, MW-35, and MW-11 to 0.00150 mg/L for monitor well MW-32.

For the 2nd quarter the analytical results for concentrations of Dissolved Ethene ranged from less than the applicable laboratory RL for monitor well MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11.

For the 3rd quarter the analytical results for concentrations of Dissolved Ethene ranged from less than the applicable laboratory RL for monitor well MW-9, MW-4, MW-35, and MW-11 to 0.00499 mg/L for monitor well MW-14.

For the 4th quarter the analytical results for concentrations of Dissolved Ethene were less than the applicable laboratory RL for monitor wells MW-9, MW-14, MW-4, MW-32, MW-35 and MW-11

Please reference Table 14 for GSI-MKT Dissolved Ethene results. Analytical Dissolved Ethene data for the previous nine (9) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11. The GSI-MKT indicated the Concentration Trends for MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11 were as follows “No Trend”, “No Trend”, “No Trend”, “Stable”, “Stable”, and “No Trend”.

For the 1st quarter the analytical results for concentrations of Dissolved Iron (filtered) ranged from less than the applicable laboratory RL for monitor well MW-32 to 14.3 mg/L for monitor well MW-9.

For the 2nd quarter the analytical results for concentrations of Dissolved Iron (filtered) ranged from less than the applicable laboratory RL for monitor well MW-4, MW-32, and MW-35 to 13.2 mg/L for monitor well MW-9.

For the 3rd quarter the analytical results for concentrations of Dissolved Iron (filtered) ranged from less than the applicable laboratory RL for monitor well MW-32 to 11.9 mg/L for monitor well MW-9.

For the 4th quarter the analytical results for concentrations of Dissolved Iron (filtered) ranged from less than the applicable laboratory RL for monitor well MW-32 to 11.4 mg/L for monitor well MW-9.

Please reference Table 15 for GSI-MKT Dissolved Iron (filtered) results. Analytical Dissolved Iron data for the previous nine (9) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11. The GSI-MKT indicated the Concentration Trends for MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11 were as follows “Decreasing”, “No Trend”, “No Trend”, “No Trend”, “Decreasing”, and “Decreasing”.

For the 1st quarter the analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.0171 mg/L for monitor well MW-32 to 0.665 mg/L for monitor well MW-9.

For the 2nd quarter the analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.0211 mg/L for monitor well MW-32 to 0.616 mg/L for monitor well MW-9.

For the 3rd quarter the analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.00890 mg/L for monitor well MW-32 to 0.577 mg/L for monitor well MW-9.

For the 4th quarter the analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.0155 mg/L for monitor well MW-32 to 0.613 mg/L for monitor well MW-9.

Please reference Table 16 for GSI-MKT Dissolved Manganese (filtered) results. Analytical Dissolved Manganese data for the previous nine (9) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11. The GSI-MKT indicated the Concentration Trends for MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11 were as follows “Decreasing”, “Stable”, “Prob. Decreasing”, “Decreasing”, “No Trend”, and “Prob. Decreasing”.

For the 1st quarter the analytical results for concentrations of Nitrate ranged from less than the applicable laboratory RL for monitor wells MW-9, MW-14, MW-35, and MW-11 to 1.01 mg/L for monitor well MW-32.

For the 2nd quarter the analytical results for concentrations of Nitrate ranged from less than the applicable laboratory RL for monitor wells MW-9, MW-14, MW-4, MW-35, and MW-11 to 0.750 mg/L for monitor well MW-32.

For the 3rd quarter the analytical results for concentrations of Nitrate ranged from 0.220 for monitor well MW-11 to 1.12 mg/L for monitor well MW-32.

For the 4th quarter the analytical results for concentrations of Nitrate ranged from less than the applicable laboratory RL for monitor wells MW-9, MW-14, MW-35, and MW-11 to 1.02 mg/L for monitor well MW-32.

Please reference Table 17 for GSI-MKT Nitrate results. Analytical Nitrate data for the previous nine (9) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11. The GSI-MKT indicated the Concentration Trends for MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11 were as follows “No Trend”, “No Trend”, “Decreasing”, “Increasing”, “No Trend”, and “No Trend”.

For the 1st quarter the analytical results for concentrations of Sulfate ranged from below the applicable laboratory RL for monitor well MW-9 to 44.9 mg/L for monitor well MW-32.

For the 2nd quarter the analytical results for concentrations of Sulfate ranged from 1.34 mg/L for monitor well MW-9 to 36.9 mg/L for monitor well MW-32.

For the 3rd quarter the analytical results for concentrations of Sulfate ranged from 10.7 mg/L for monitor well MW-11 to 43.2 mg/L for monitor well MW-32.

For the 4th quarter the analytical results for concentrations of Sulfate ranged from 3.22 mg/L monitor well MW-9 to 55.8 mg/L for monitor well MW-35.

Please reference Table 18 for GSI-MKT Sulfate results. Analytical Sulfate data for the previous five (5) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11. The GSI-MKT indicated the Concentration Trends for MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11 were as follows “No Trend”, “Prob. Increasing”, “Stable”, “Prob. Increasing”, “Prob. Increasing”, and “Increasing”.

For the 1st quarter the analytical results for concentrations of COD ranged from less than the applicable laboratory RL for monitor wells MW-32 to 600 mg/L for monitor well MW-4.

For the 2nd quarter the analytical results for concentrations of COD ranged from less than the applicable laboratory RL for monitor wells MW-32 to 799 mg/L for monitor well MW-4.

For the 3rd quarter the analytical results for concentrations of COD ranged from less than the applicable laboratory RL for monitor wells MW-32 to 991 mg/L for monitor well MW-4.

For the 4th quarter the analytical results for concentrations of COD ranged from less than the applicable laboratory RL for monitor wells MW-9 and MW-14 to 860 mg/L for monitor well MW-11.

Please reference Table 19 for GSI-MKT COD results. Analytical COD data for the previous five (5) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11. The GSI-MKT indicated the Concentration Trends for MW-9, MW-14, MW-4, MW-32, MW-35, and MW-11 were as follows “No Trend”, “No Trend”, “Increasing”, “No Trend”, “No Trend”, and “Increasing.”

SUMMARY

This report presents the results of monitoring and sampling activities during the annual reporting period of 2023. 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, indicates 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-1, MW-2, MW-4, MW-7, and MW-11 during the four (4) quarterly sampling events. The maximum thickness of PSH in the monitor wells was 4.56 feet as recorded in monitor well MW-4 on January 19, 2023. The average thickness of PSH in monitor wells exhibiting PSH was 2.64 feet. PSH data for the 2023 gauging events can be found in Table 1. PSH recovery is performed on a bi-monthly schedule by manual recovery methods. Approximately 113.50 gallons (2.702 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-12, MW-16, and MW-24 was not sampled during the 2023 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 2023 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 below the NMOCD regulatory guidelines in all fourteen (14) monitor wells within Area 3, during the 2023 reporting period. Please note, monitor well MW-30 was not sampled during the 2023 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 2023. Weekly 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, 2024.

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 all four (4) quarters of the reporting period. Unforeseen circumstances may require modification of this sampling event.

Plains requests NMOCD approval to plug and abandon the following monitor wells:

- MW-40, non-impacted since 2nd quarter 2010.
- MW-38, non-impacted since 3rd quarter 2006.
- MW-37, non-impacted since 3rd quarter 2006.
- MW-36, non-impacted since 3rd quarter 2012.
- MW-34, non-impacted since 3rd quarter 2009.
- MW-33, non-impacted since 4th quarter 2004.
- MW-31, non-impacted since 2nd quarter 2002.
- MW-30, non-impacted since 1st quarter 2002.
- MW-29, non-impacted since 2nd quarter 2016.
- MW-28, non-impacted since 4th quarter 2018.
- MW-26, non-impacted since 3rd quarter 2021.

On NMOCD approval Plains will submit a plugging plan to the New Mexico Office of the State Engineer (NMOSE) and the wells will be plugged and abandoned by a New Mexico licensed driller. Following the plugging activities, Plains will forward the plugging reports to the NMOCD.

LIMITATIONS

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

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

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

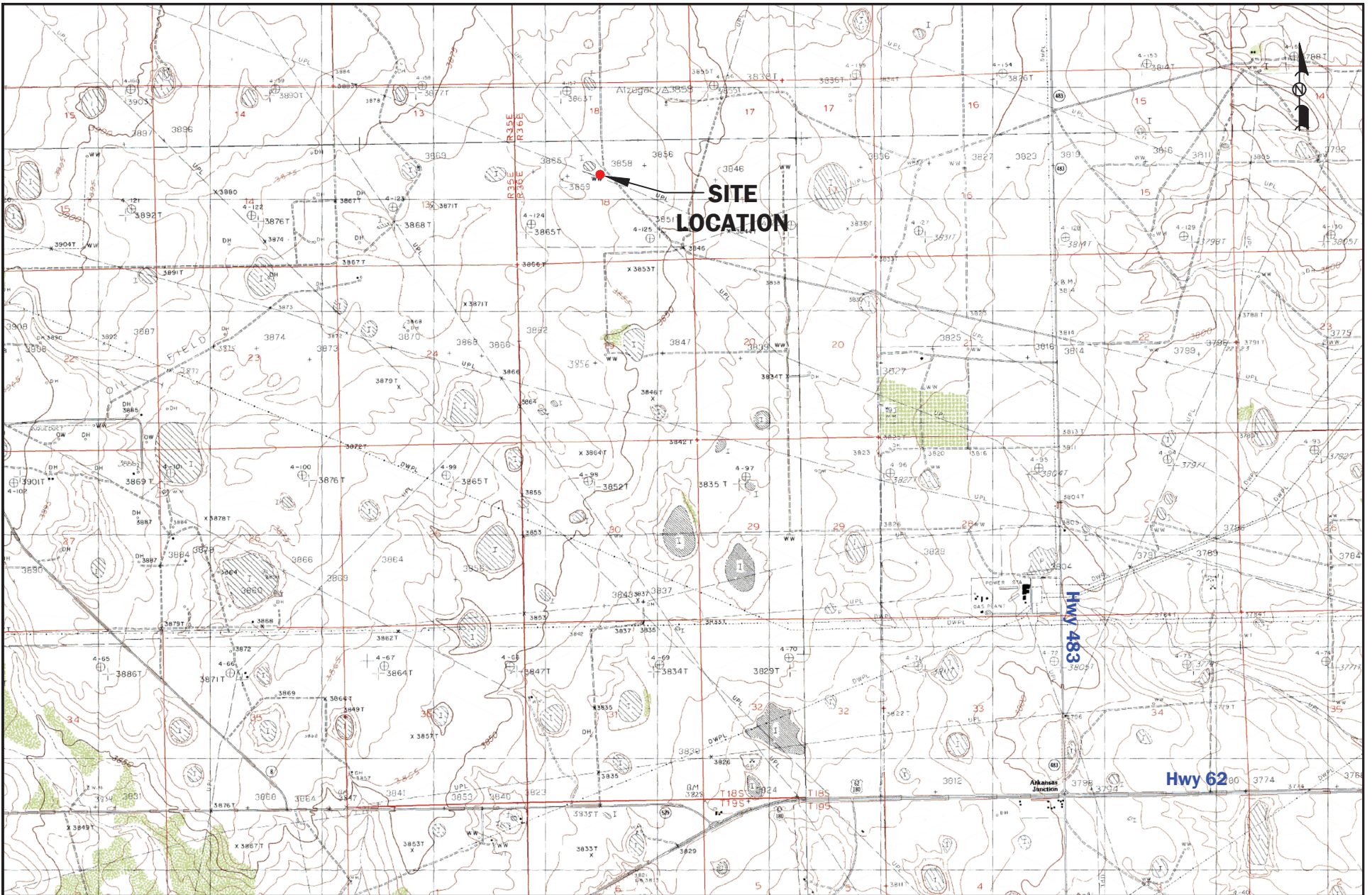
DISTRIBUTION

Copy 1 Nelson Velez
 Environmental Specialist-Advanced
 New Mexico Oil Conservation Division
 1000 Rio Brazos Road
 Aztec, New Mexico 87410

Copy 2: Camille Bryant
 Plains Marketing, L.P.
 1106 Griffith Drive
 Midland, TX 79706
 cjbryant@paalp.com

Copy 3: Jeff Dann
 Plains Marketing, L.P.
 333 Clay Street
 Suite 1600
 Houston, TX 77002
 jpdann@paalp.com

Copy 4: TRC Environmental Corporation
 10 Desta Drive, Suite 130E
 Midland, TX 79705
 cdstanley@trccompanies.com



LEGEND:

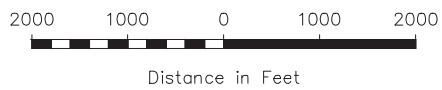


Figure 1
Site Location Map
Plains Marketing, L.P.
TNM SPS-11
NMOCD Reference # GW-0140-0
Lea County, NM

Scale: 1" = 2000'

CAD By: CS Checked By: CS

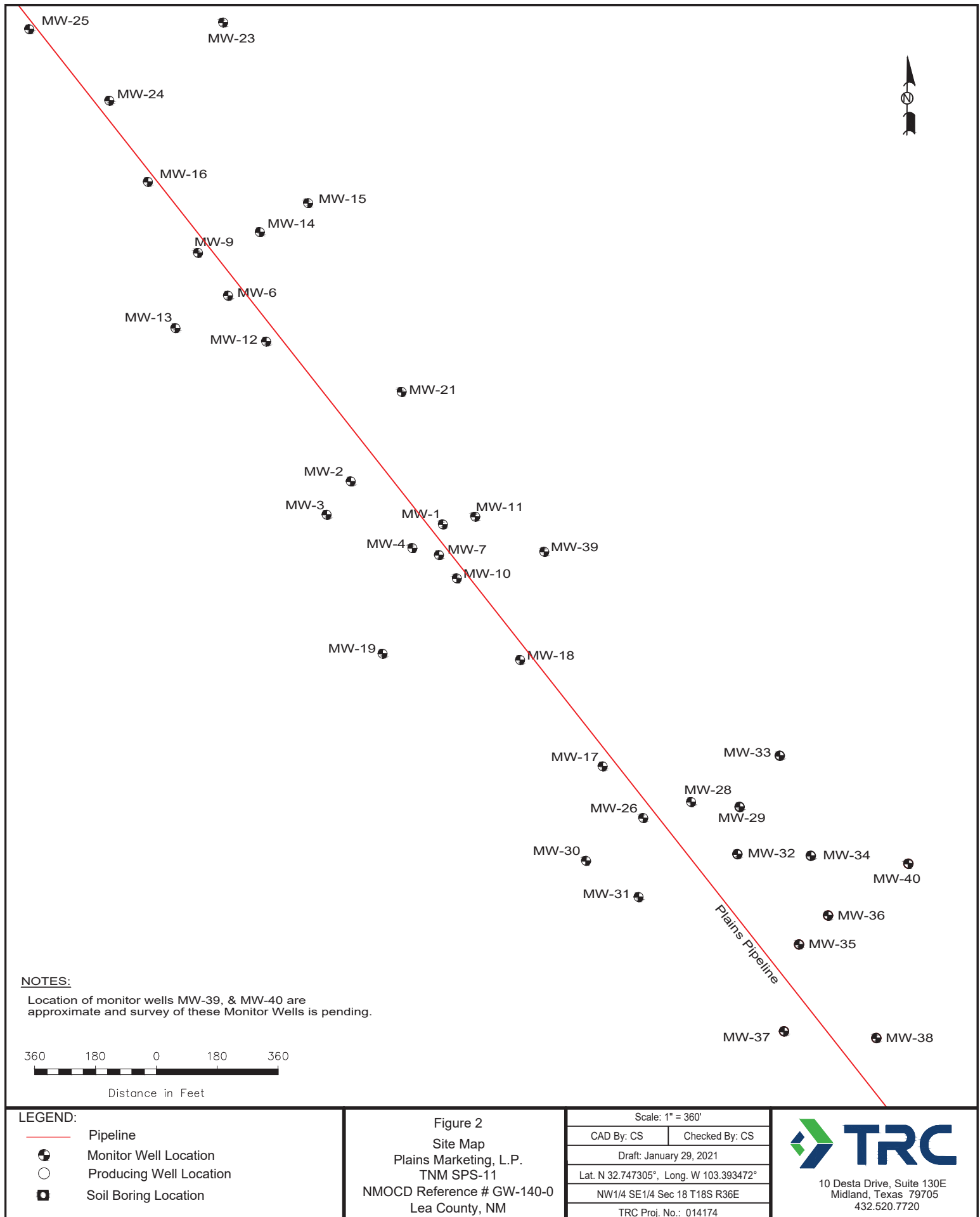
Draft: January 18, 2021

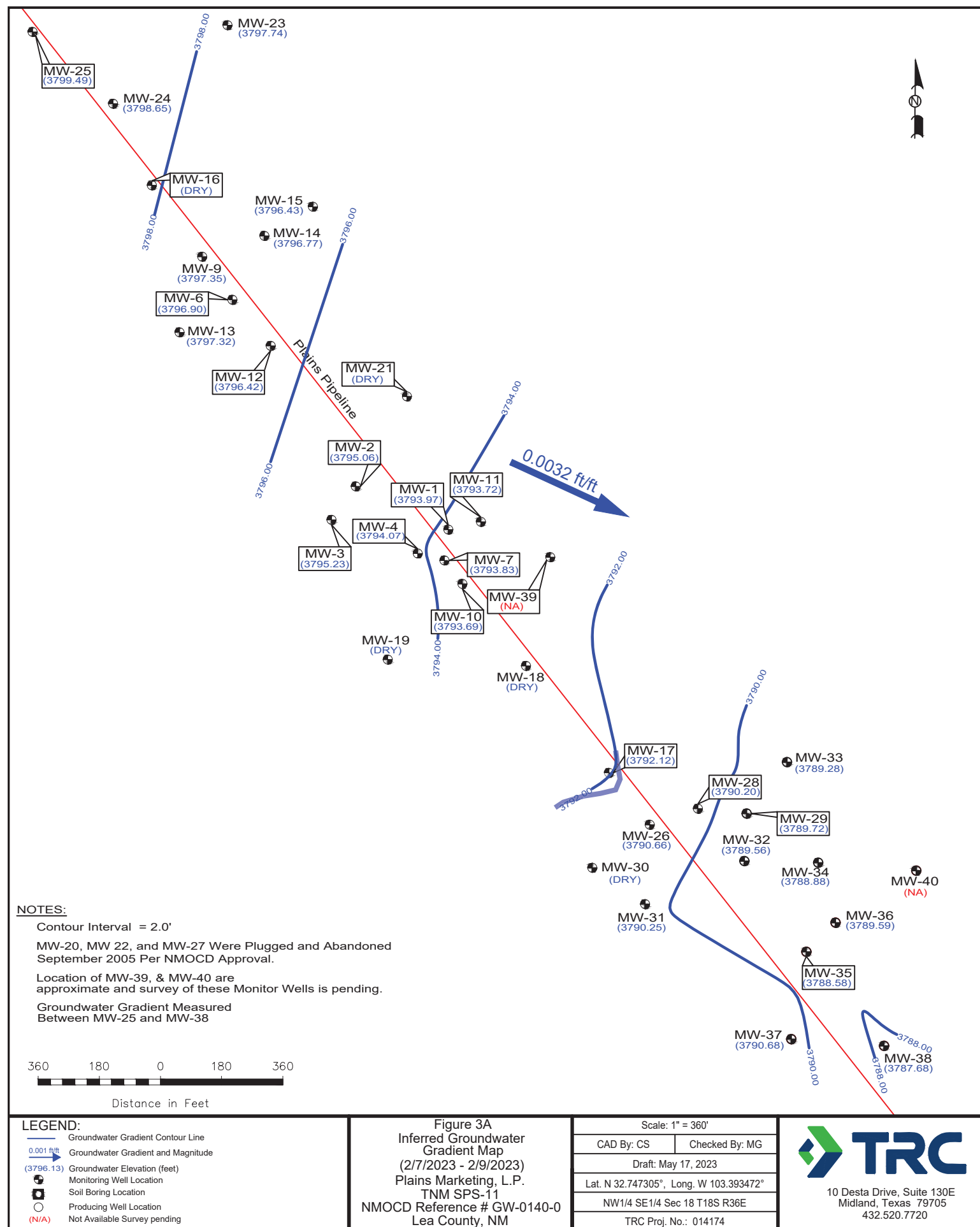
Lat. N 32.747305°, Long. W 103.393472°

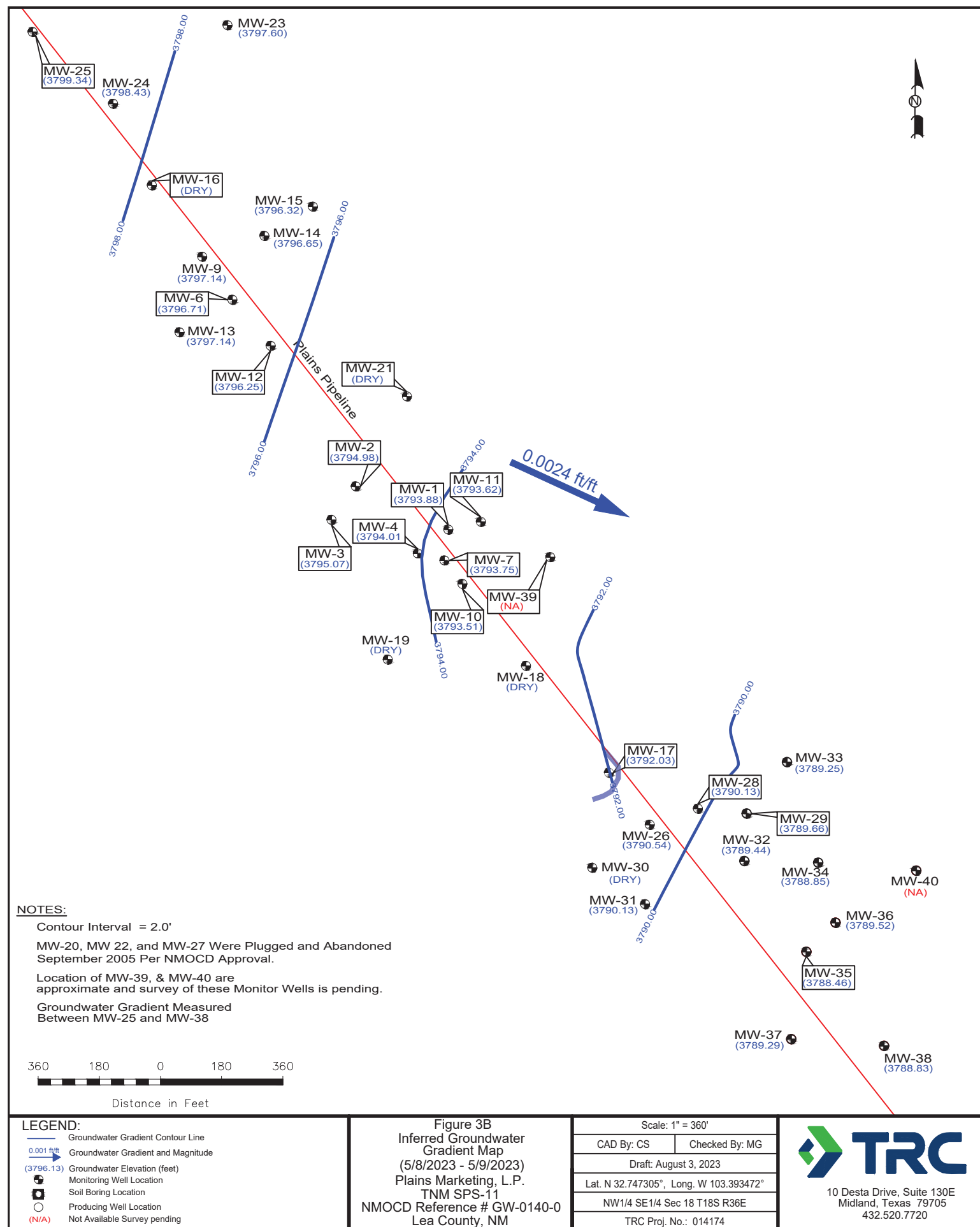
NW1/4 SE1/4 Sec 18 T18S R36E

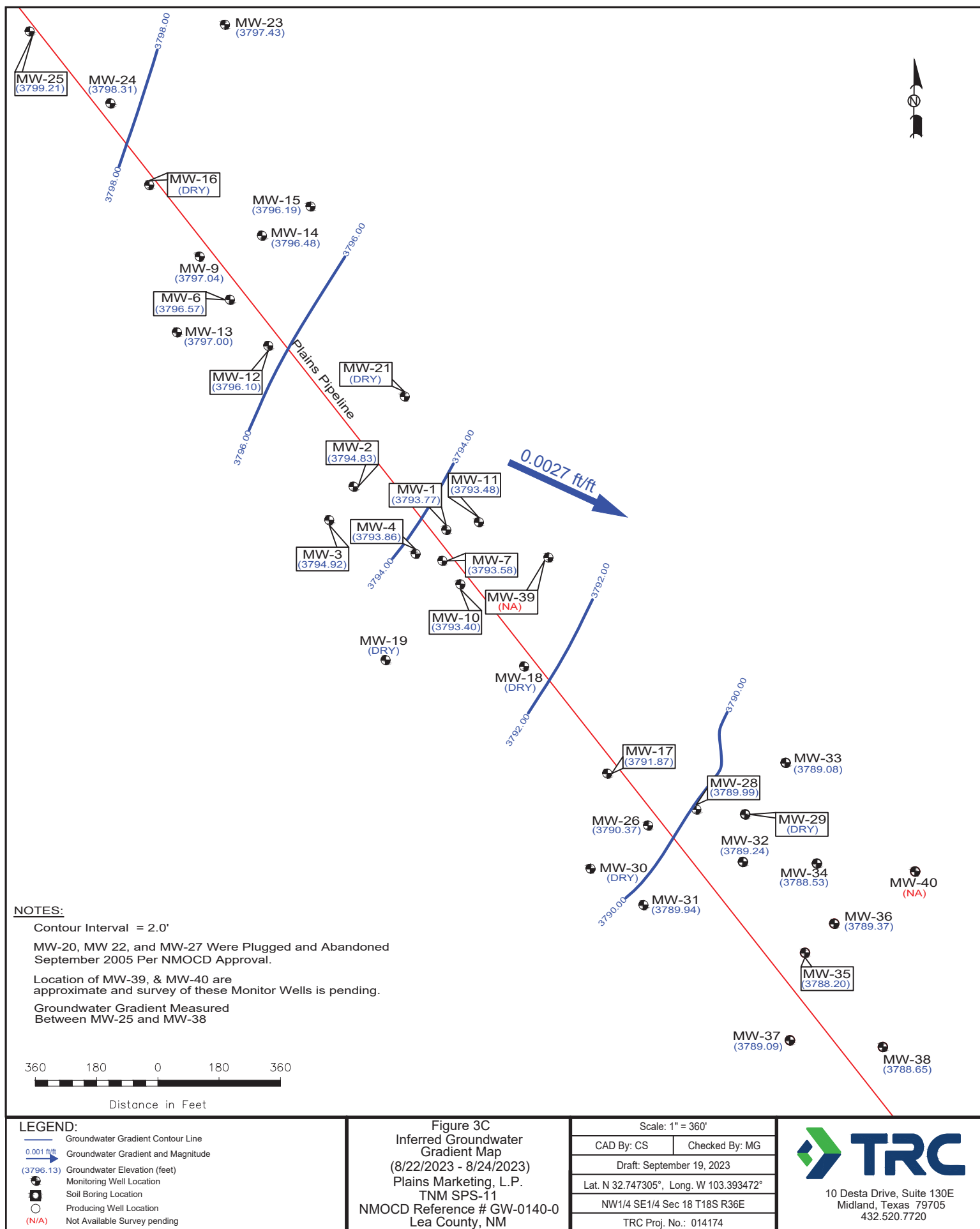
TRC Proj. No.: 014174

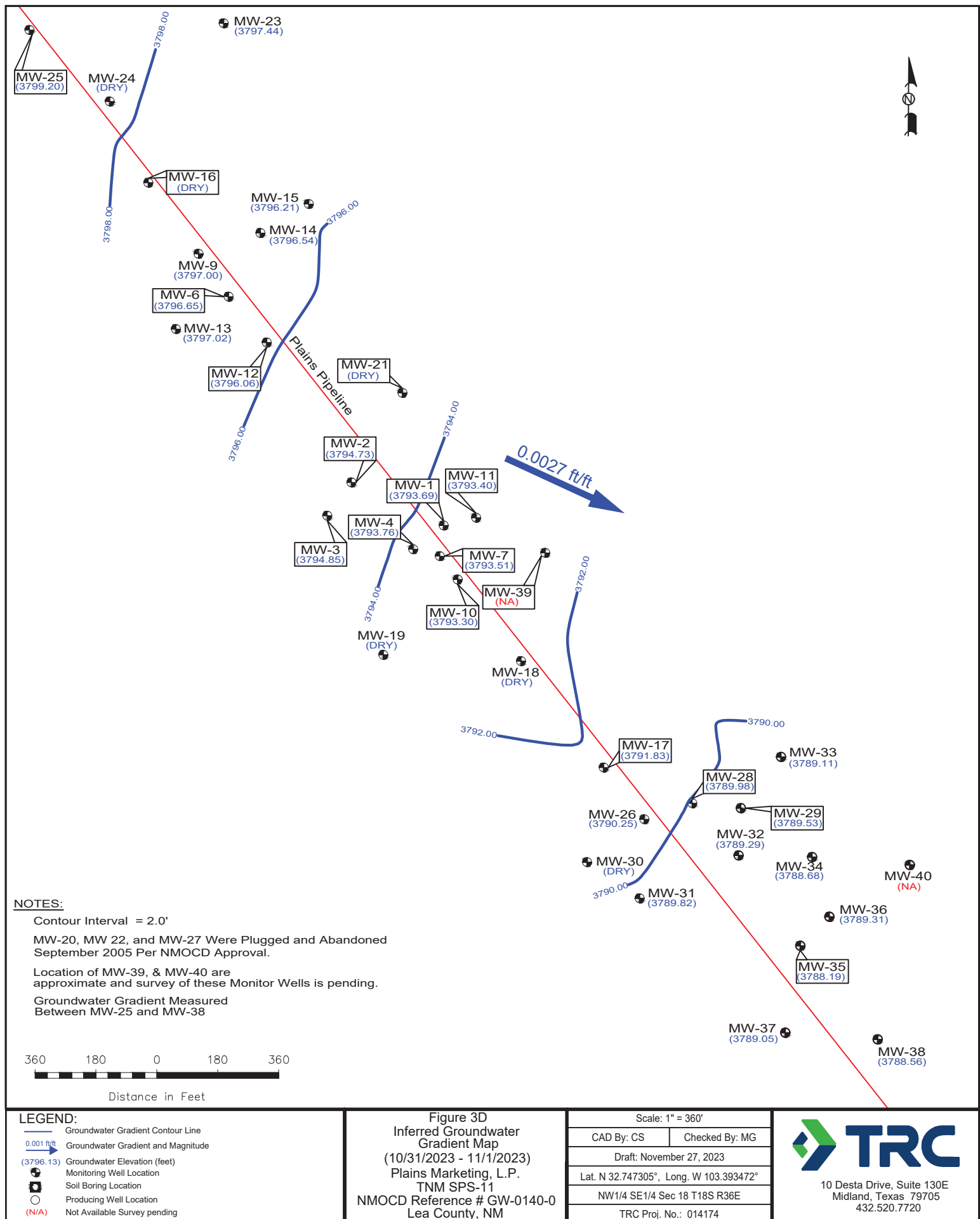


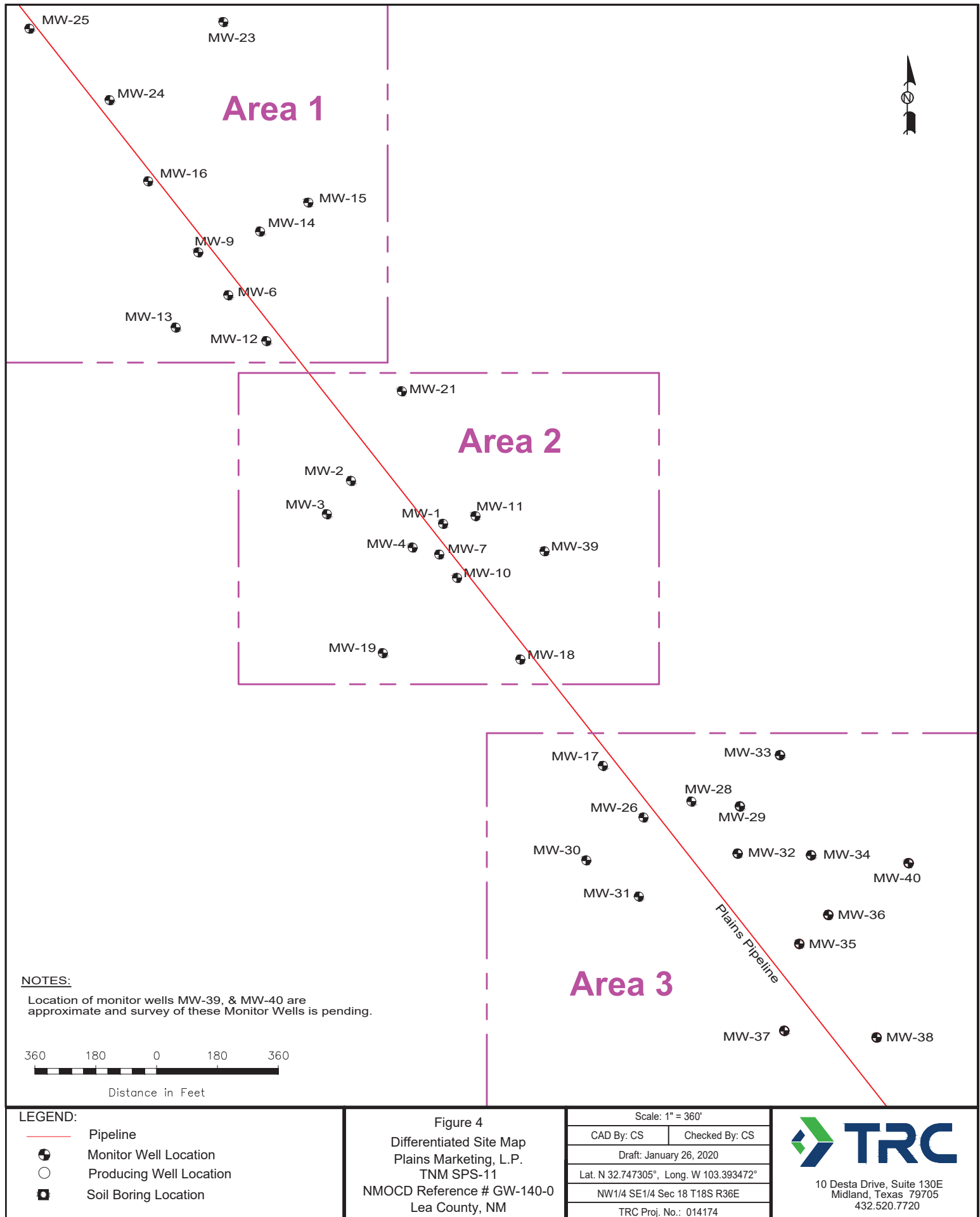


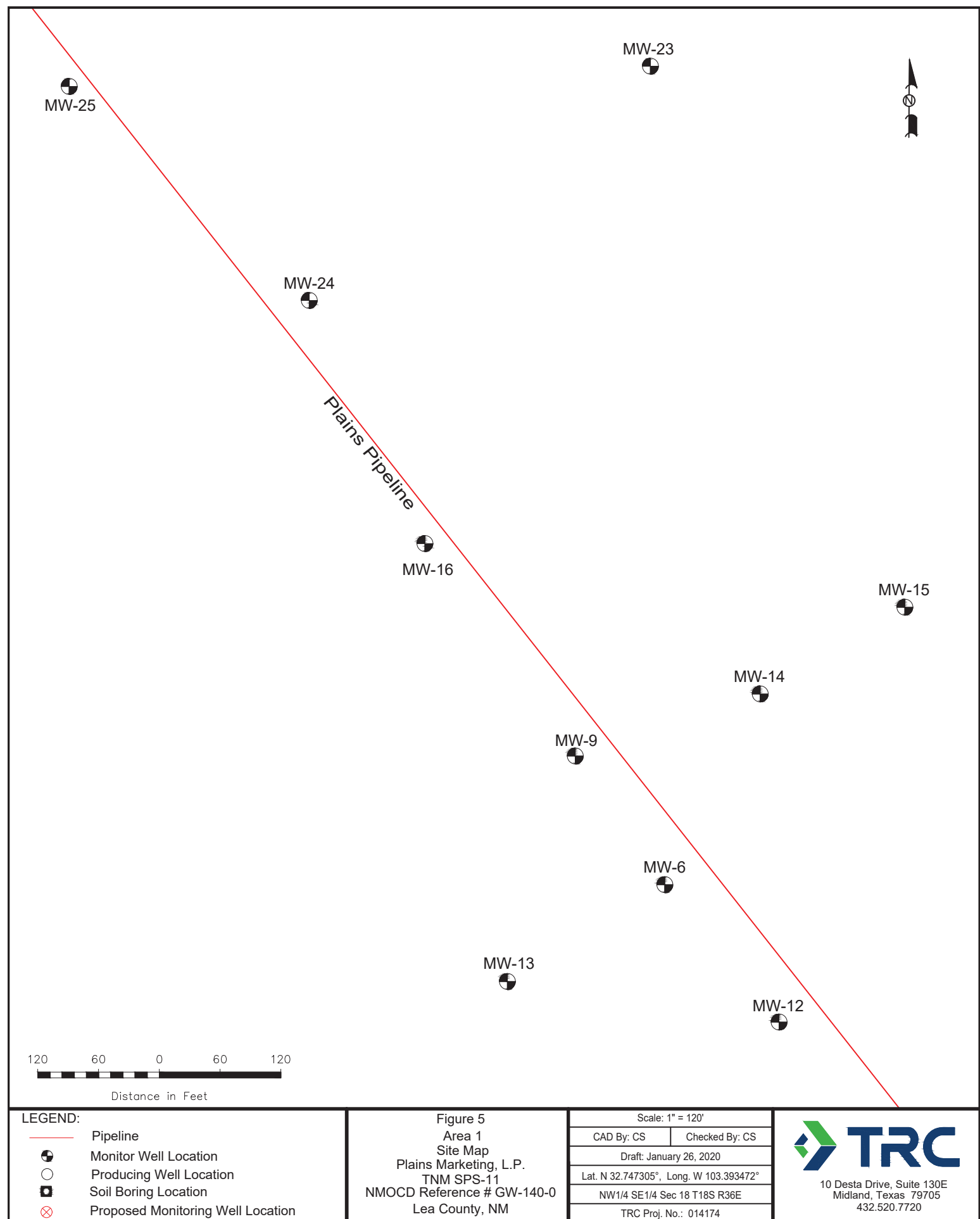


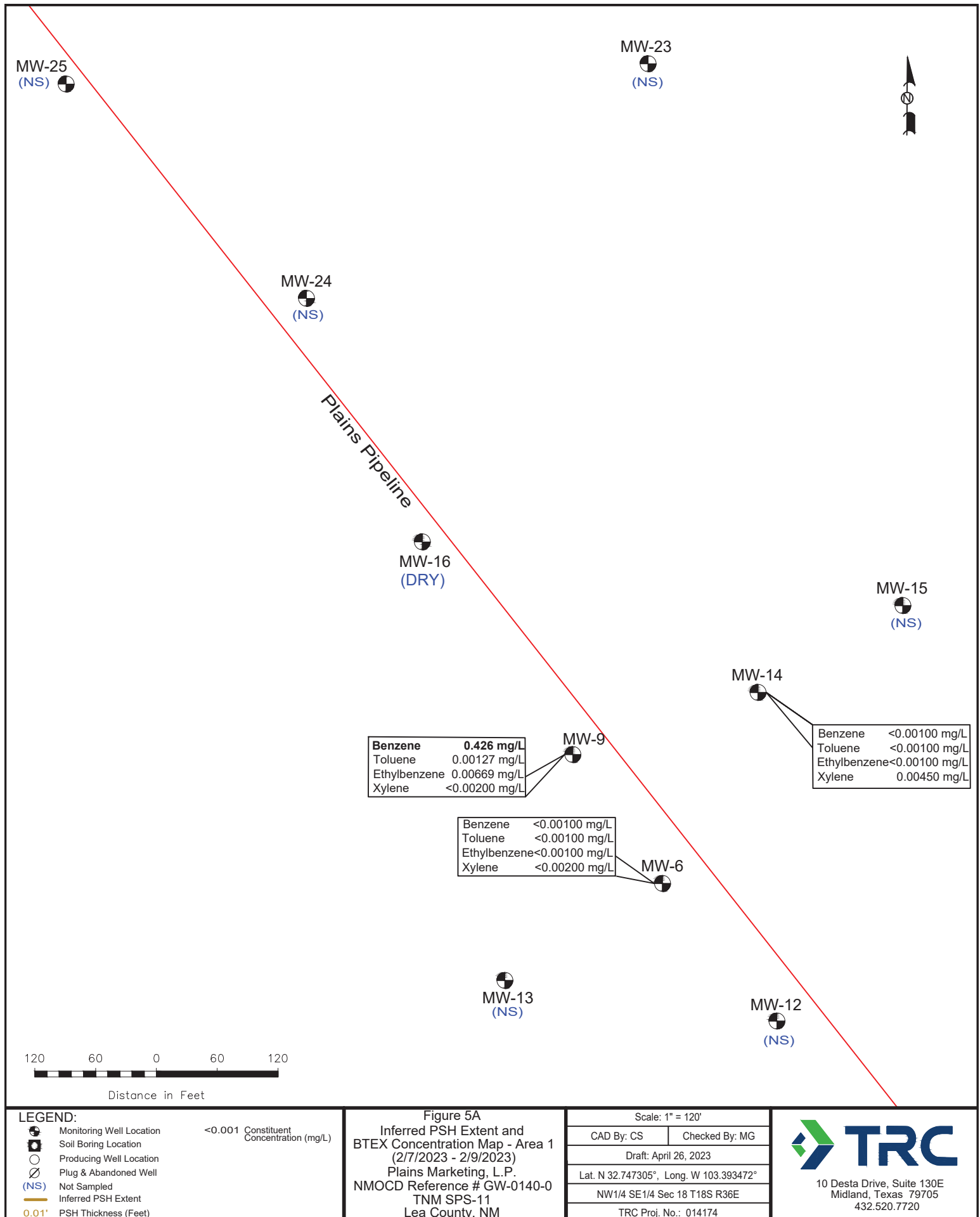


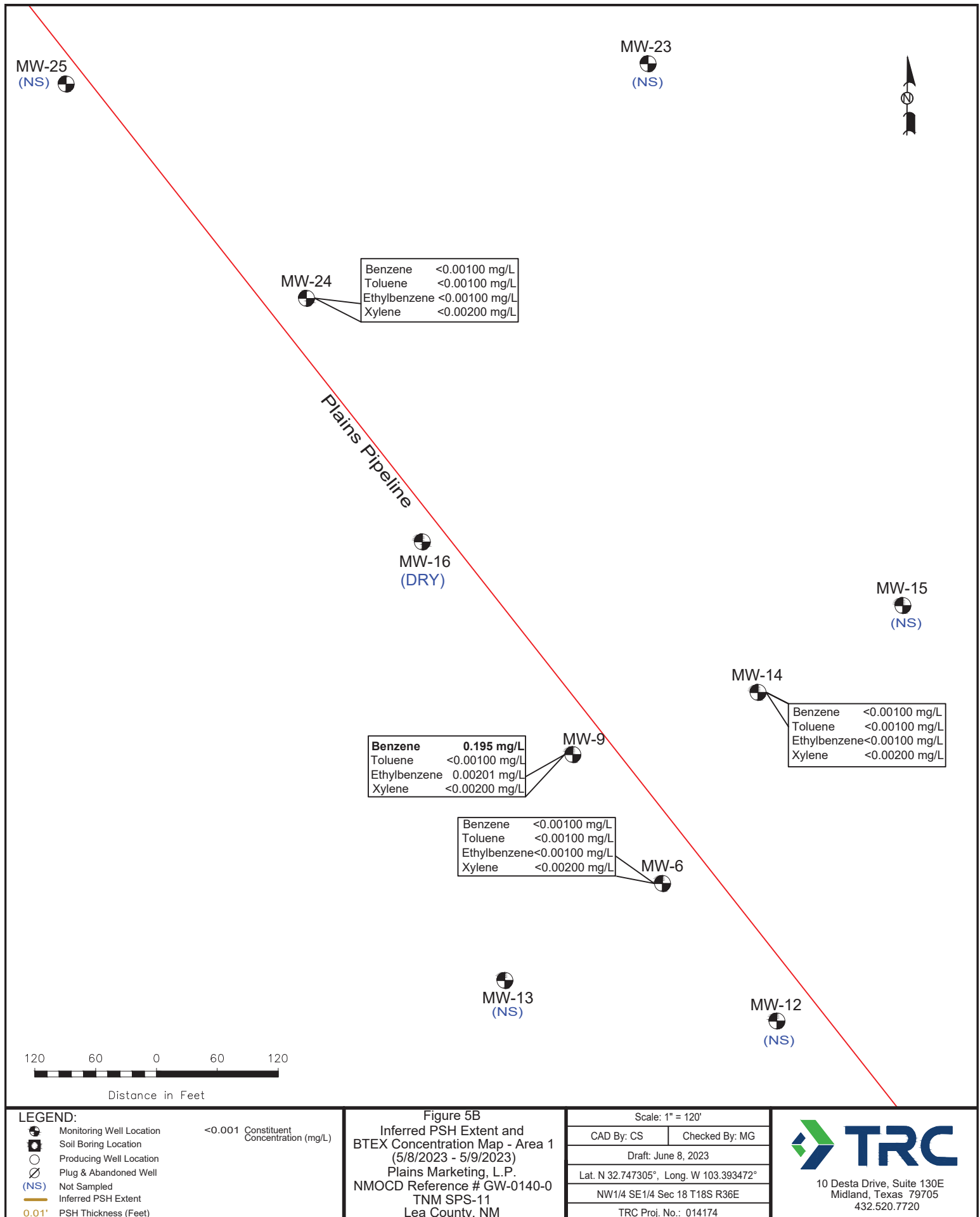


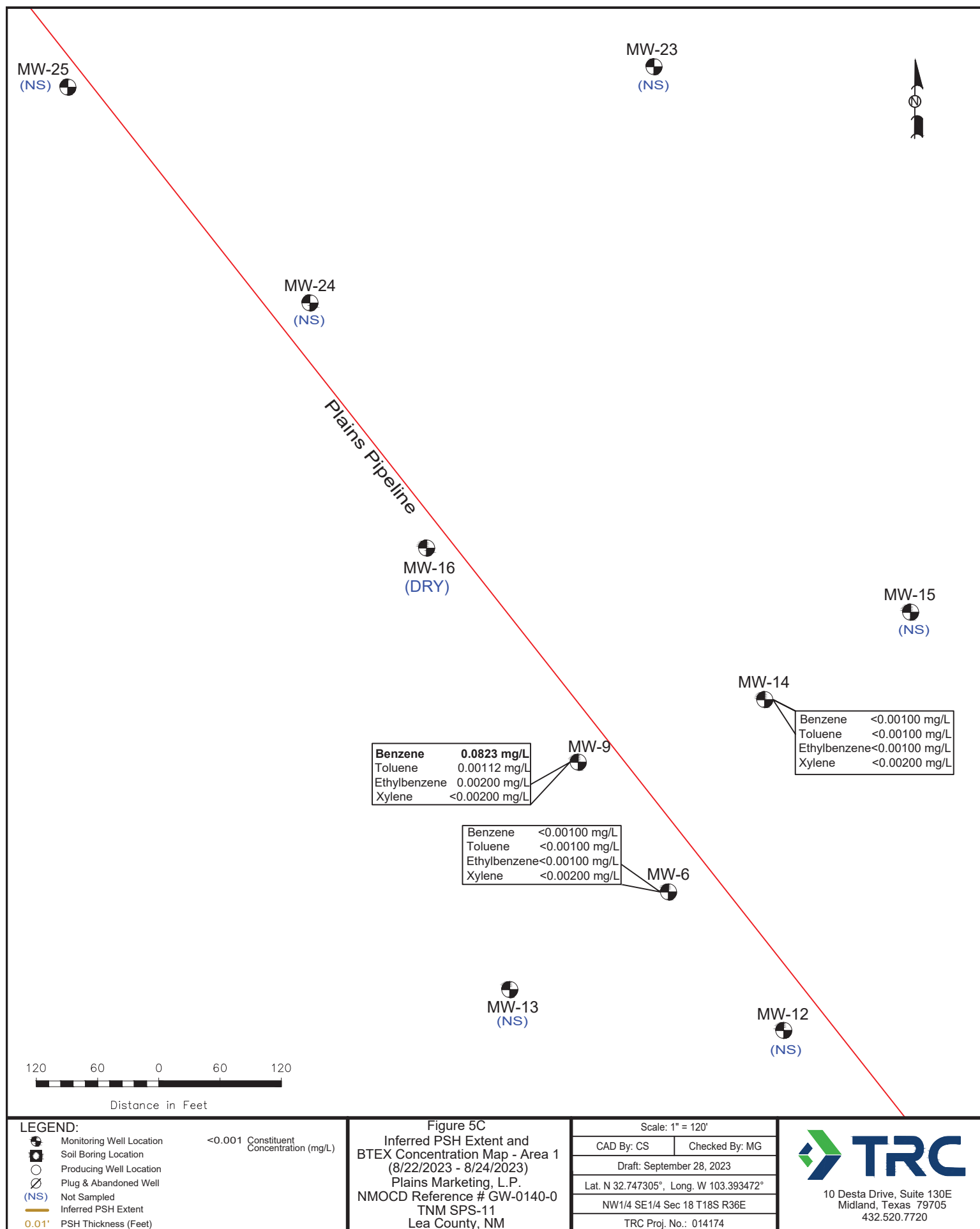


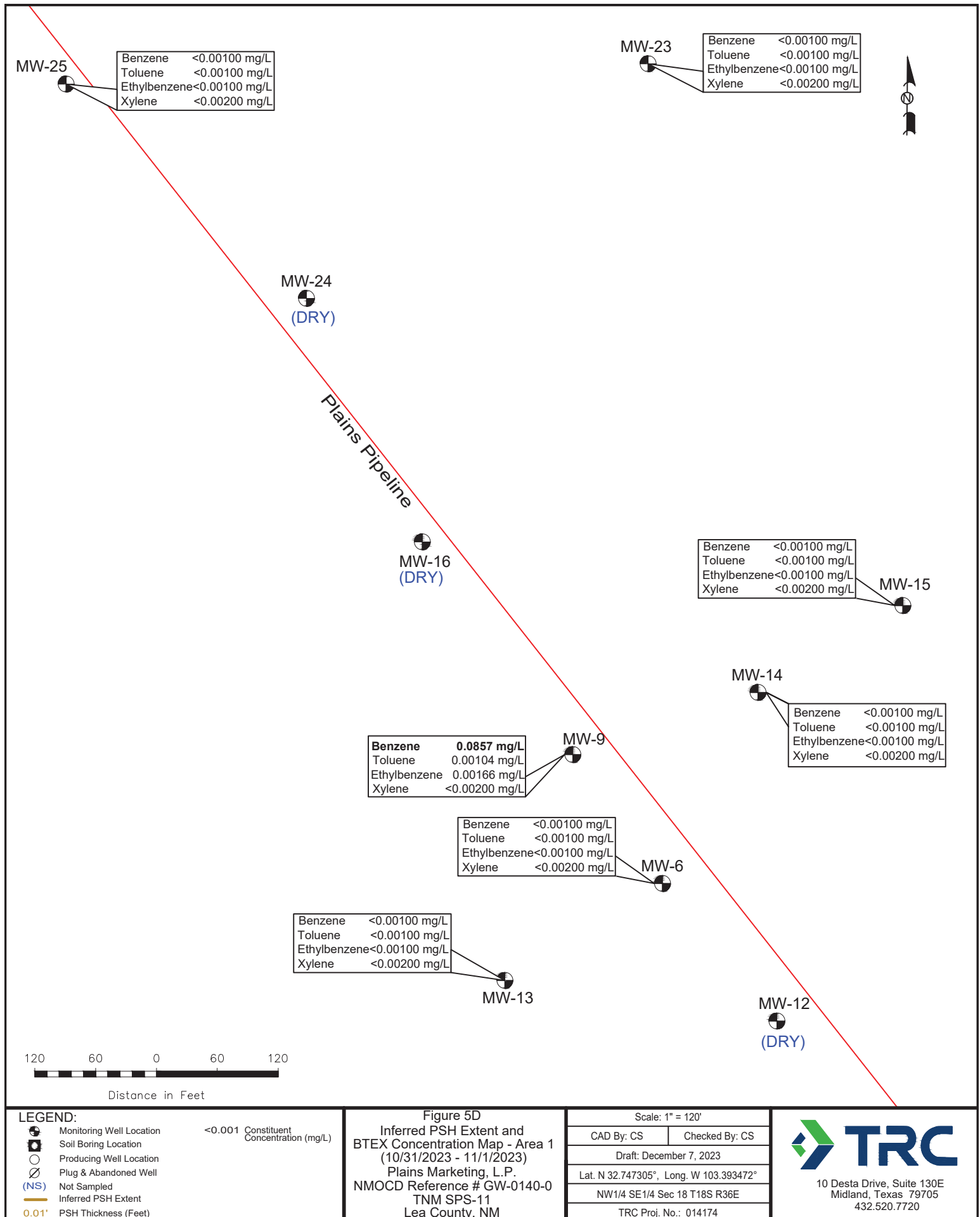


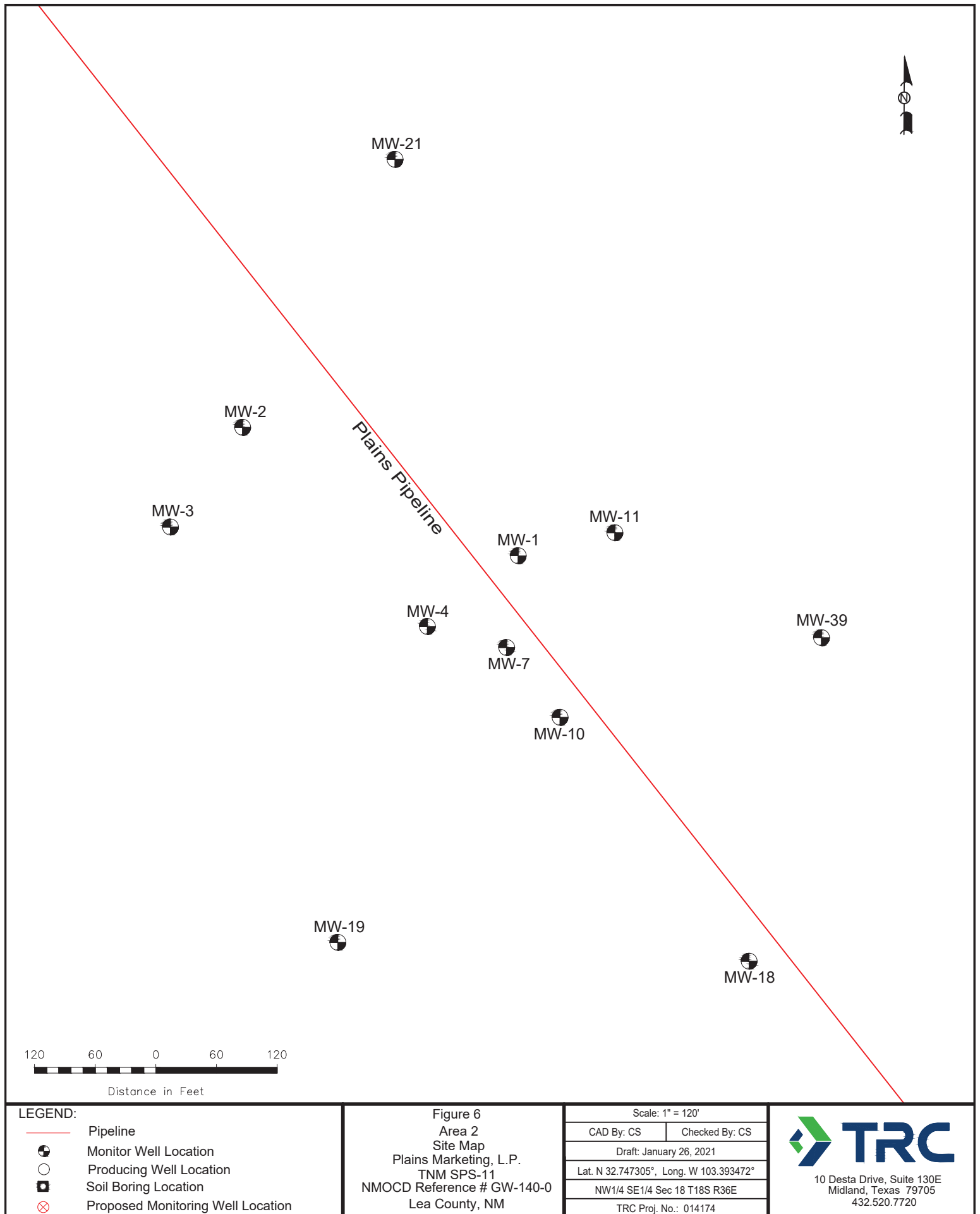


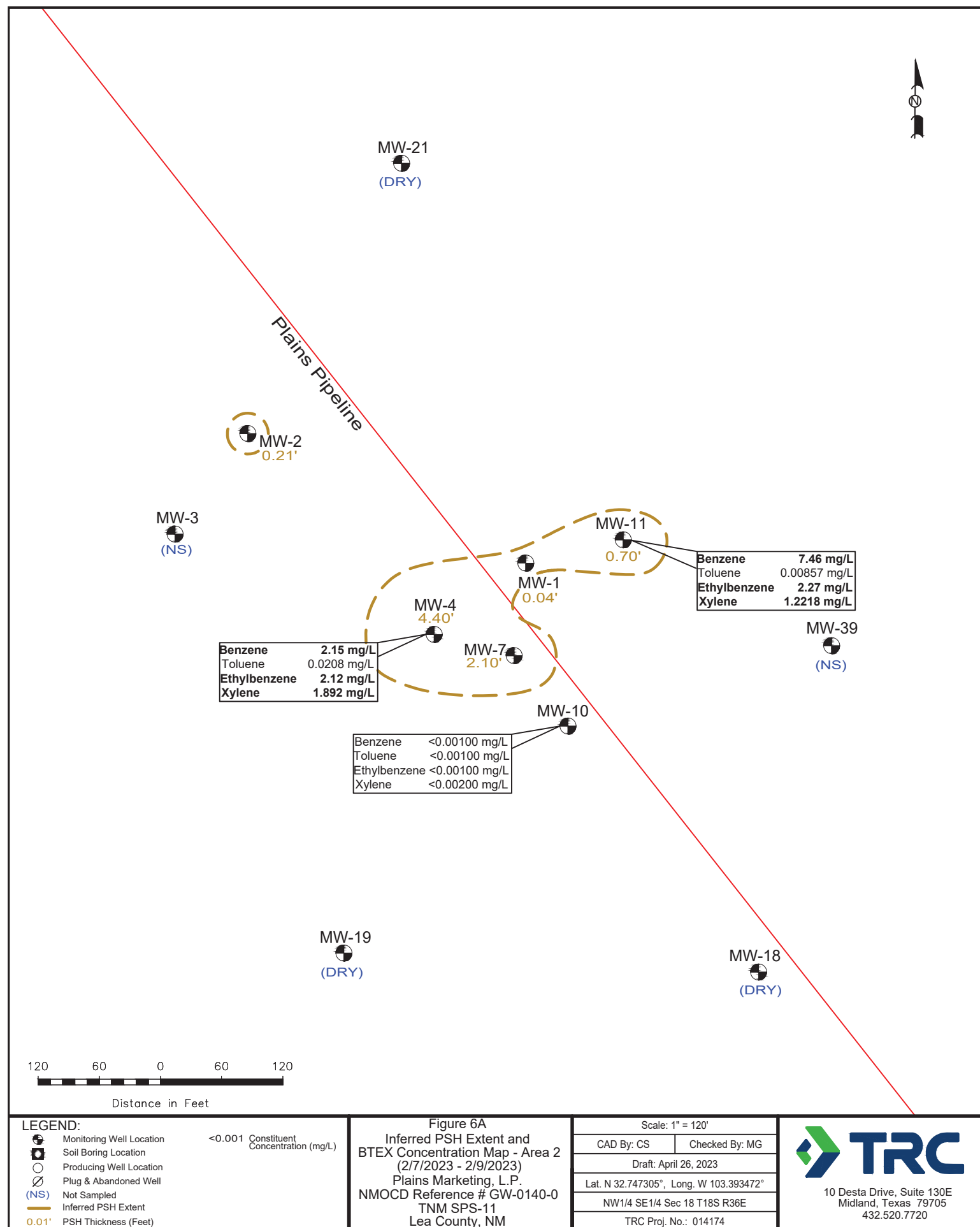


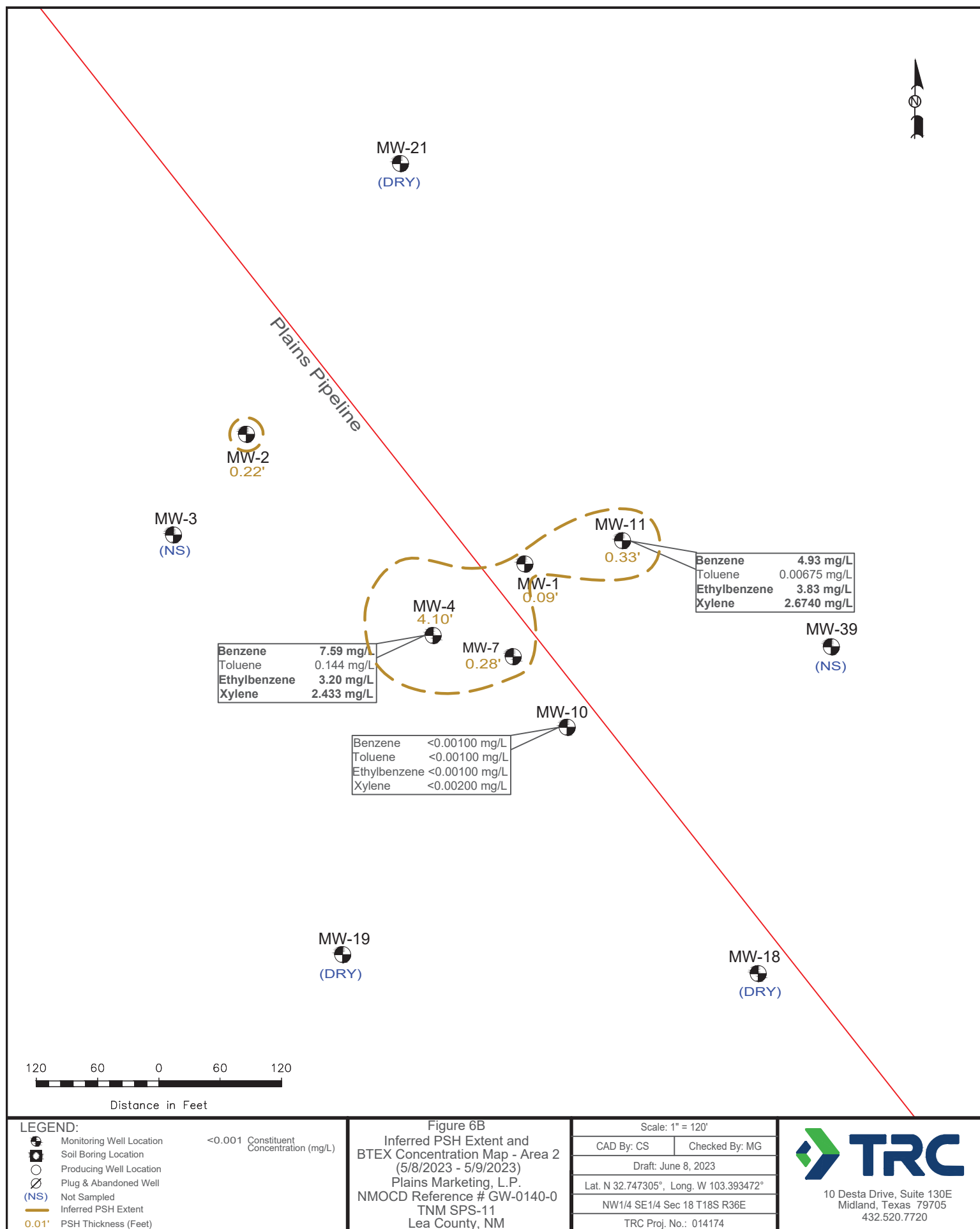


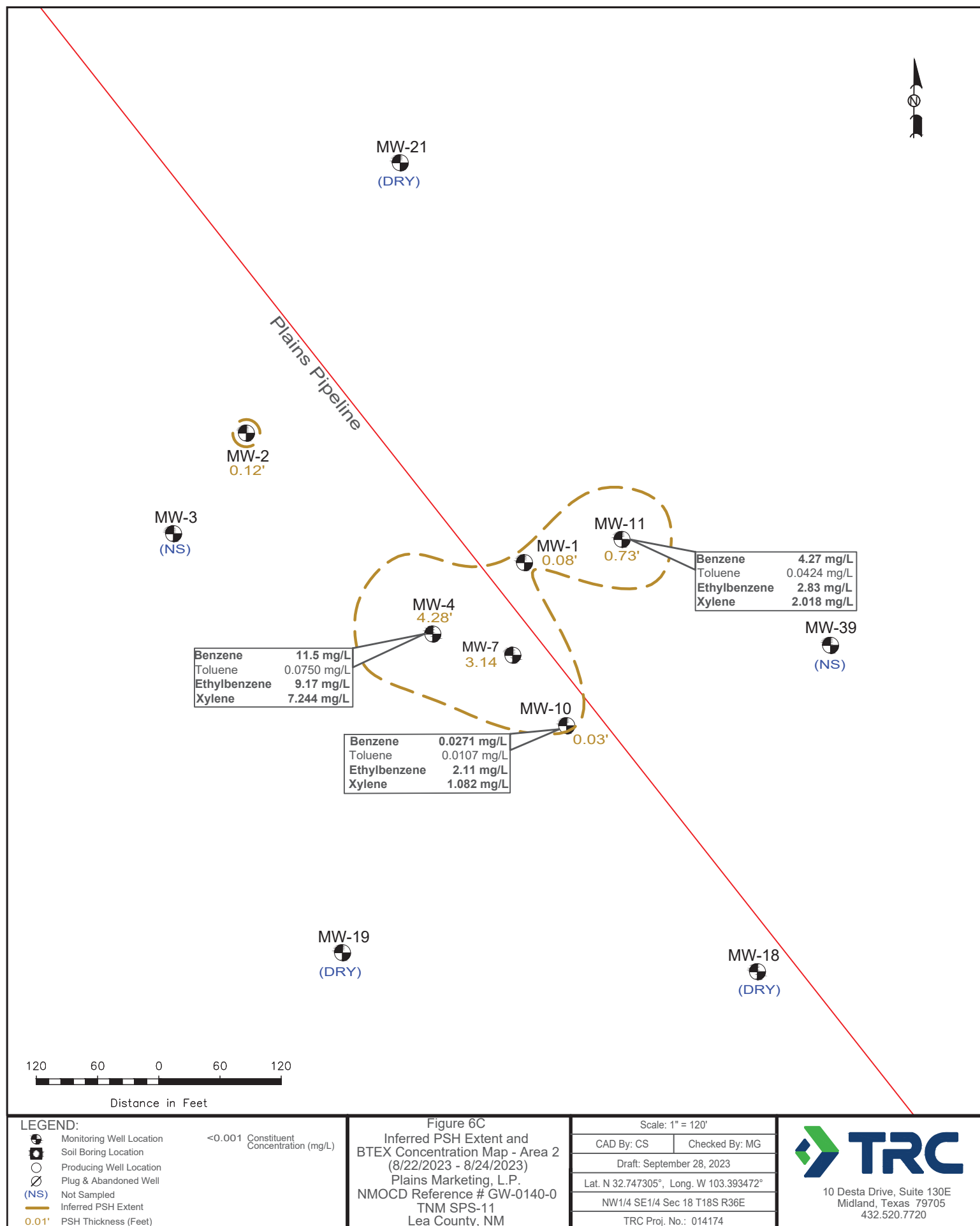


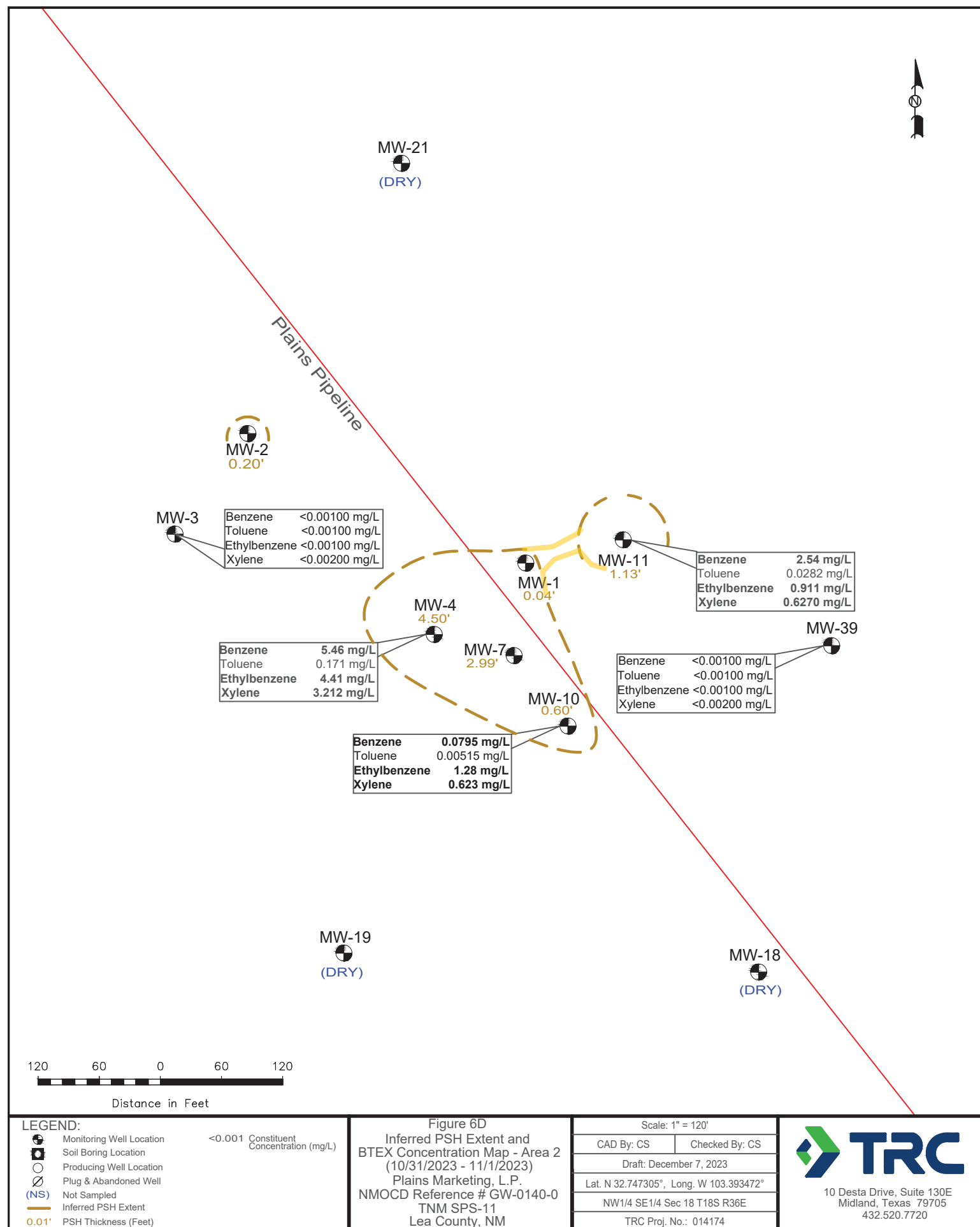


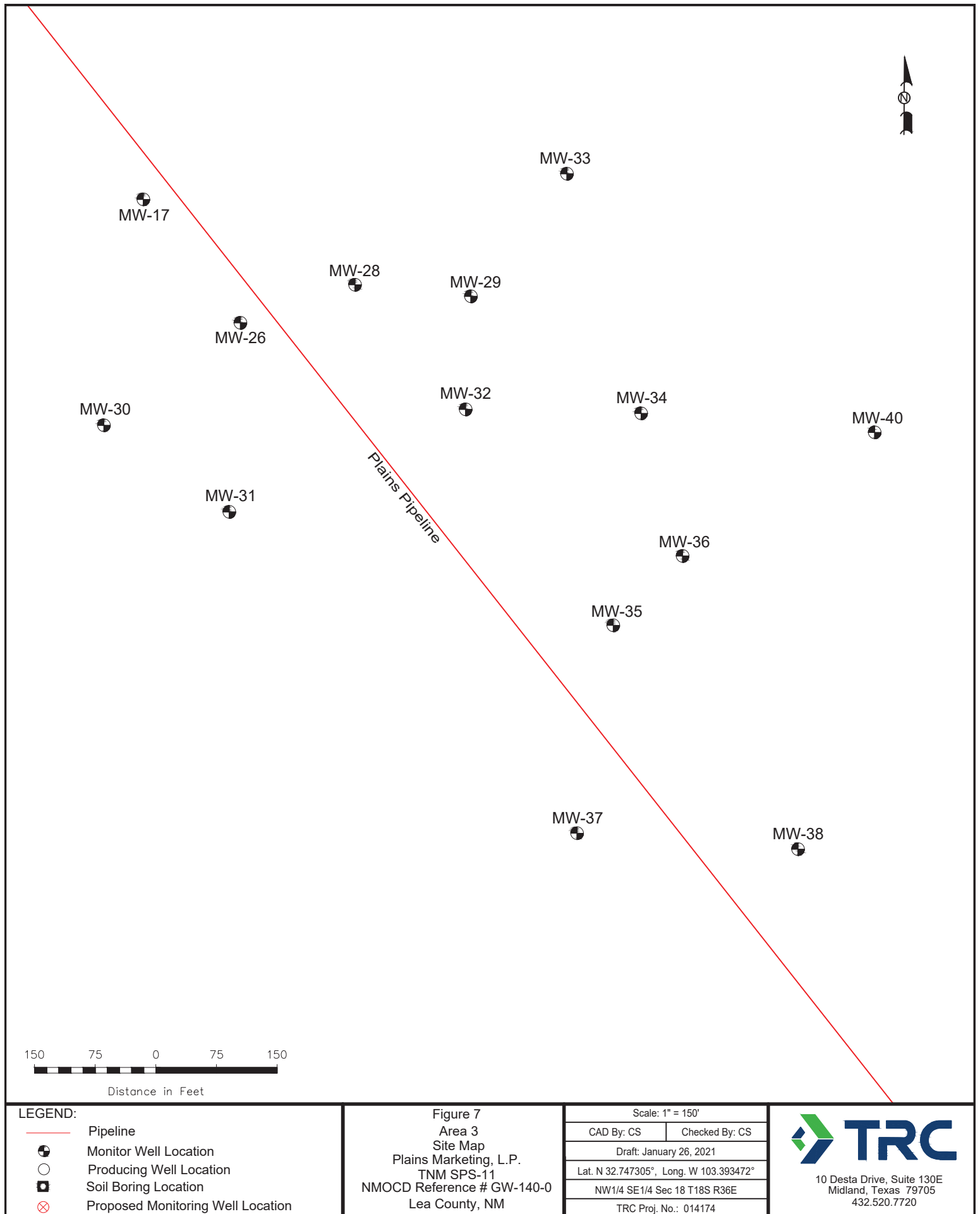


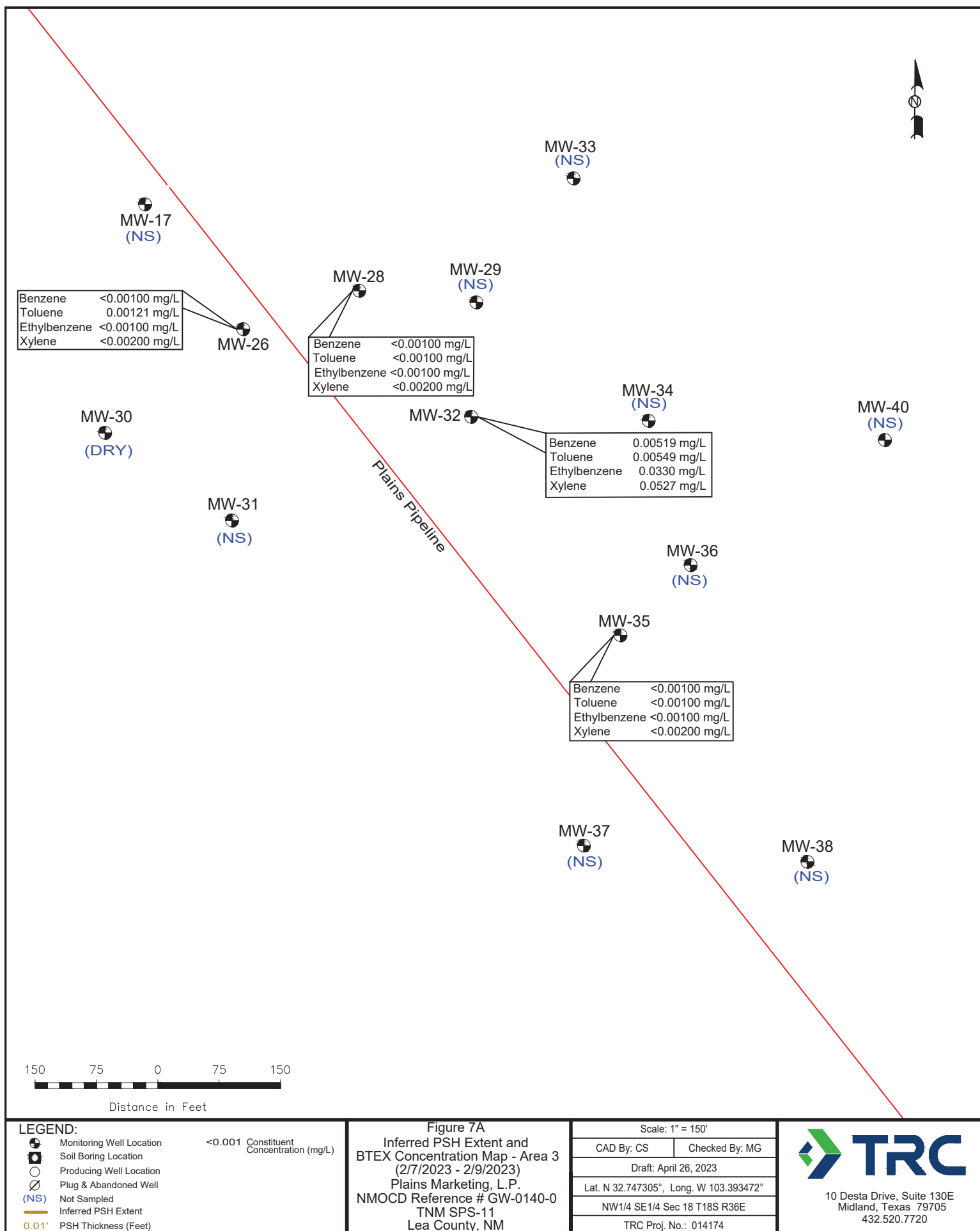


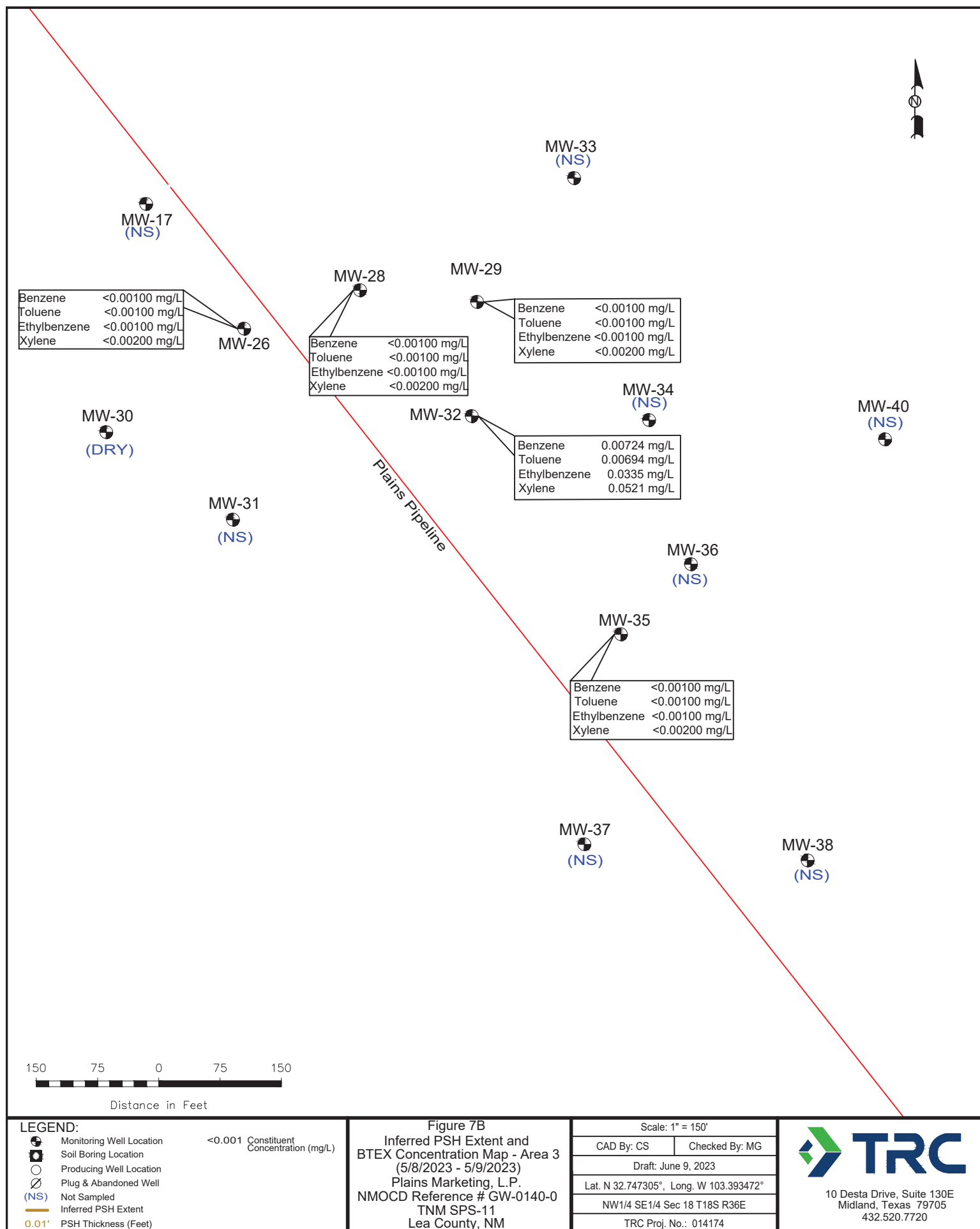


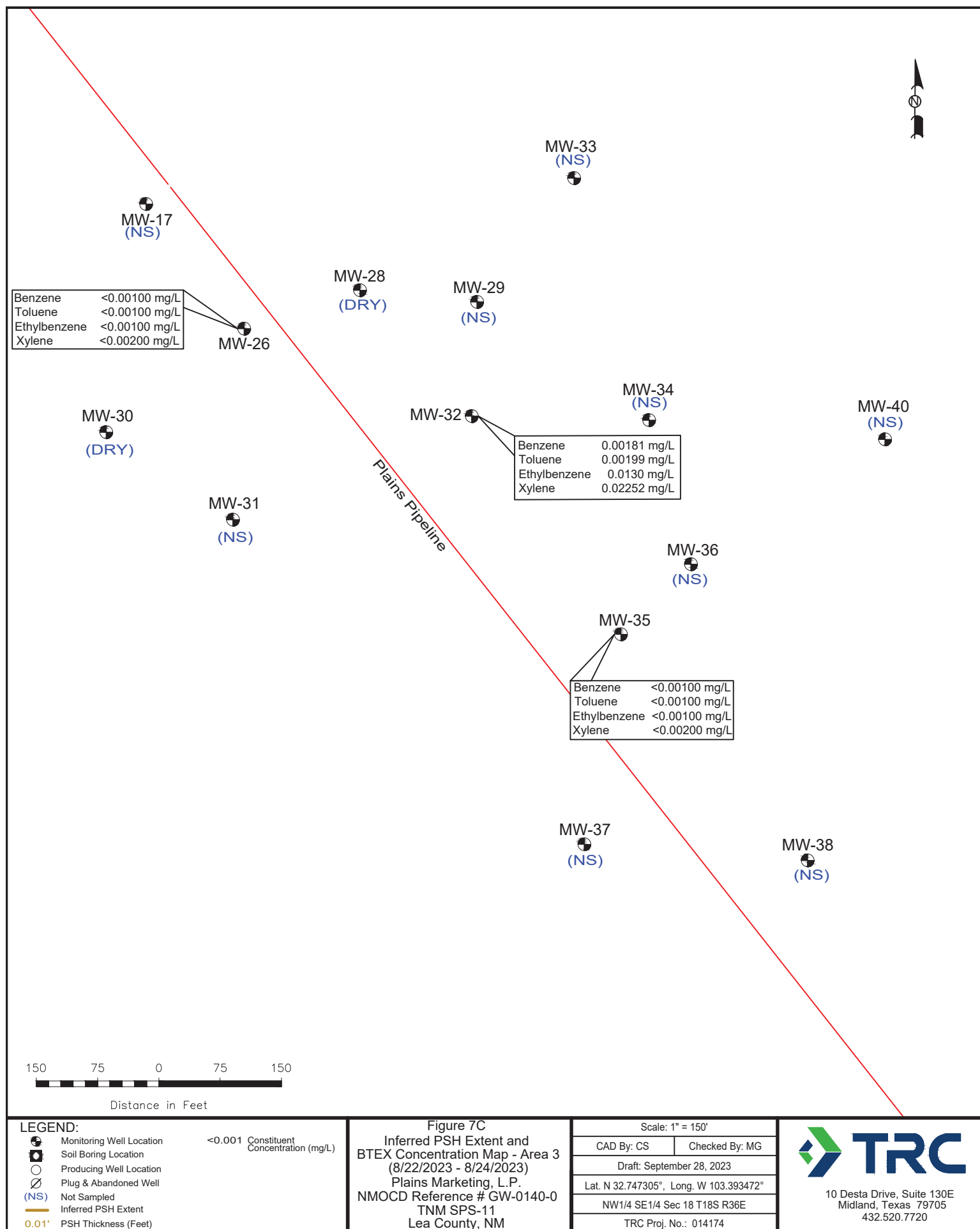












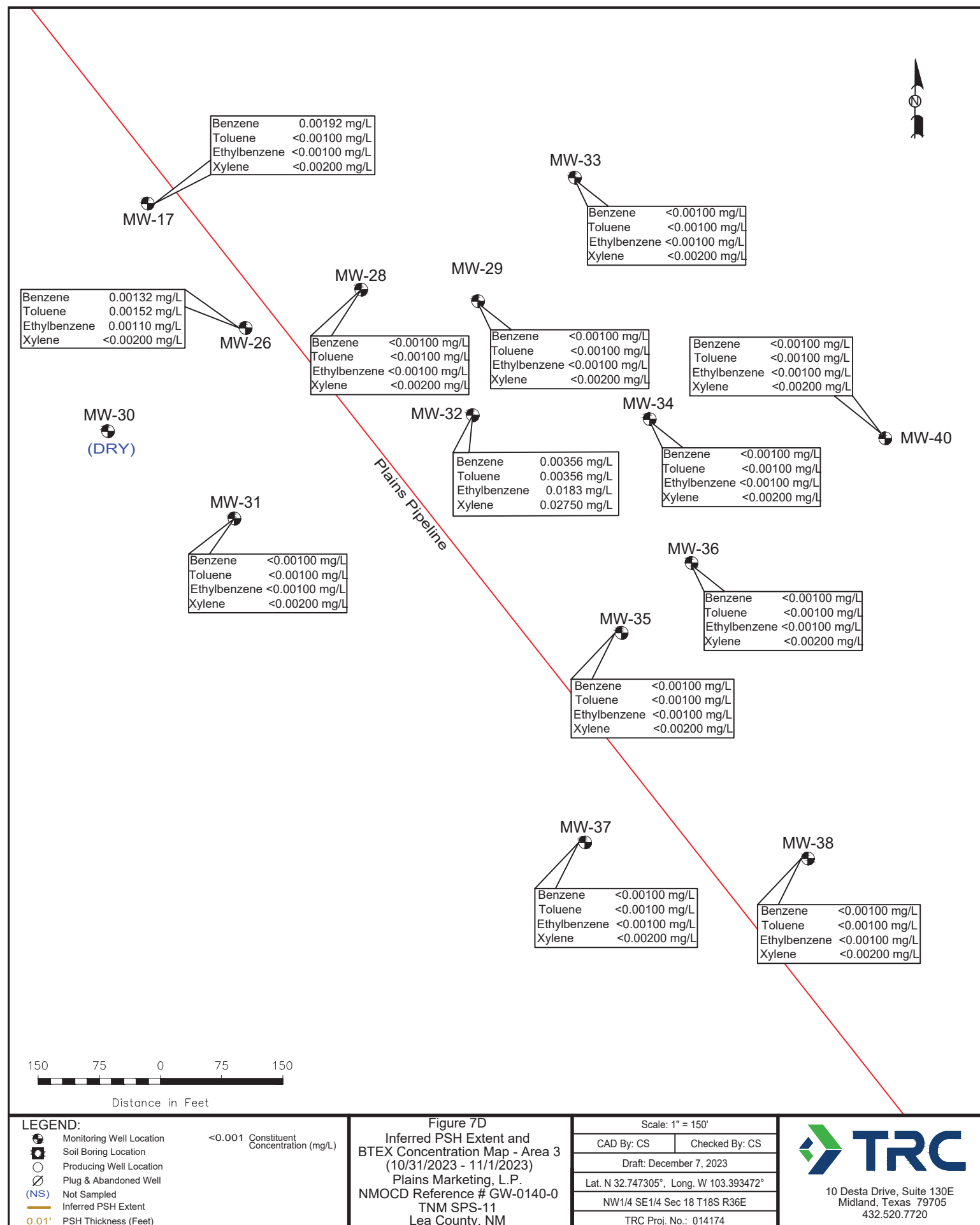


TABLE 1
GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCDF REFERENCE NUMBER GW-0140

	FIELD TECH	DATE MEASURED	CASING ELEVATION	TOTAL WELL DEPTH	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GW ELEVATION
MW - 1	Manny	02/08/23	3859.08		65.10	65.14	0.04	3793.97
MW - 1	Manny	05/09/23	3859.08		65.19	65.28	0.09	3793.88
MW - 1	Manny	08/22/23	3859.08		65.30	65.38	0.08	3793.77
MW - 1	Manny	11/01/23	3859.08		65.38	65.42	0.04	3793.69
MW - 2	Manny	02/09/23	3860.76		65.67	65.88	0.21	3795.06
MW - 2	Manny	05/09/23	3860.76		65.75	65.97	0.22	3794.98
MW - 2	Manny	08/22/23	3860.76		65.91	66.03	0.12	3794.83
MW - 2	Manny	11/01/23	3860.76		66.00	66.20	0.20	3794.73
MW - 3	Manny	02/08/23	3861.15		-	65.92	0.00	3795.23
MW - 3	Manny	05/08/23	3861.15		-	66.08	0.00	3795.07
MW - 3	Manny	08/22/23	3861.15		-	66.23	0.00	3794.92
MW - 3	Manny	10/31/23	3861.15	72.03	-	66.30	0.00	3794.85
MW - 4	Manny	01/19/23	3859.62		64.82	69.38	4.56	3794.12
MW - 4	Manny	01/23/23	3859.62		64.89	69.18	4.29	3794.09
MW - 4	Manny	02/09/23	3859.62	71.75	64.89	69.29	4.40	3794.07
MW - 4	Manny	02/22/23	3859.62		64.92	69.30	4.38	3794.04
MW - 4	Manny	03/23/23	3859.62		64.94	69.30	4.36	3794.03
MW - 4	Manny	03/30/23	3859.62		64.94	69.26	4.32	3794.03
MW - 4	Manny	04/07/23	3859.62		64.98	69.27	4.29	3794.00
MW - 4	Manny	04/25/23	3859.62		65.00	69.25	4.25	3793.98
MW - 4	Manny	05/09/23	3859.62	73.21	65.00	69.10	4.10	3794.01
MW - 4	Manny	06/06/23	3859.62		65.09	69.26	4.17	3793.90
MW - 4	Manny	06/27/23	3859.62		65.15	69.29	4.14	3793.85
MW - 4	Manny	07/11/23	3859.62		65.08	69.28	4.20	3793.91
MW - 4	Manny	07/18/23	3859.62		65.09	69.29	4.20	3793.90
MW - 4	Manny	07/27/23	3859.62		65.12	69.32	4.20	3793.87
MW - 4	Manny	08/21/23	3859.62		65.12	69.40	4.28	3793.86
MW - 4	Manny	08/23/23	3859.62		65.12	69.40	4.28	3793.86
MW - 4	Manny	09/01/23	3859.62		65.60	69.20	3.60	3793.48
MW - 4	Manny	10/18/23	3859.62		65.25	69.55	4.30	3793.73
MW - 4	Manny	10/23/23	3859.62		65.70	69.40	3.70	3793.37
MW - 4	Manny	11/01/23	3859.62	72.41	65.19	69.69	4.50	3793.76
MW - 4	Manny	11/27/23	3859.62		65.28	69.59	4.31	3793.69
MW - 6	Manny	02/08/23	3862.47	72.40	-	65.57	0.00	3796.90
MW - 6	Manny	05/08/23	3862.47	72.48	-	65.76	0.00	3796.71
MW - 6	Manny	08/24/23	3862.47	72.49	-	65.90	0.00	3796.57
MW - 6	Manny	10/31/23	3862.47	72.35	-	65.82	0.00	3796.65
MW - 7	Manny	02/09/23	3859.31		65.17	67.27	2.10	3793.83
MW - 7	Manny	05/09/23	3859.31		65.52	65.80	0.28	3793.75
MW - 7	Manny	08/22/23	3859.31		65.26	68.40	3.14	3793.58
MW - 7	Manny	09/01/23	3859.31		65.28	68.58	3.30	3793.54
MW - 7	Manny	11/01/23	3859.31		65.35	68.34	2.99	3793.51
MW - 9	Manny	02/09/23	3861.88	70.05	-	64.53	0.00	3797.35
MW - 9	Manny	05/09/23	3861.88	70.31	-	64.74	0.00	3797.14
MW - 9	Manny	08/23/23	3861.88	70.28	-	64.84	0.00	3797.04
MW - 9	Manny	11/01/23	3861.88	70.25	-	64.88	0.00	3797.00
MW - 10	Manny	02/08/23	3860.58	68.80	-	66.89	0.00	3793.69
MW - 10	Manny	05/08/23	3860.58	68.86	-	67.07	0.00	3793.51
MW - 10	Manny	08/24/23	3860.58	68.85	67.18	67.21	0.03	3793.40
MW - 10	Manny	11/01/23	3860.58	73.75	67.19	67.79	0.60	3793.30
MW - 11	Manny	01/19/23	3860.00		66.09	67.05	0.96	3793.77
MW - 11	Manny	02/09/23	3860.00	72.60	66.18	66.88	0.70	3793.72
MW - 11	Manny	04/25/23	3860.00		66.22	67.80	1.58	3793.54
MW - 11	Manny	05/09/23	3860.00	72.25	66.33	66.66	0.33	3793.62
MW - 11	Manny	07/18/23	3860.00		66.39	67.41	1.02	3793.46
MW - 11	Manny	08/23/23	3860.00		66.41	67.14	0.73	3793.48
MW - 11	Manny	11/01/23	3860.00	72.18	66.43	67.56	1.13	3793.40
MW - 12	Manny	02/08/23	3863.10		-	66.68	0.00	3796.42
MW - 12	Manny	05/08/23	3863.10		-	66.85	0.00	3796.25
MW - 12	Manny	08/22/23	3863.10		-	67.00	0.00	3796.10
MW - 12	Manny	10/31/23	3863.10	69.72	-	67.04	0.00	3796.06
MW - 13	Manny	02/08/23	3862.44		-	65.12	0.00	3797.32
MW - 13	Manny	05/08/23	3862.44		-	65.30	0.00	3797.14

TABLE 1
GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCDF REFERENCE NUMBER GW-0140

	FIELD TECH	DATE MEASURED	CASING ELEVATION	TOTAL WELL DEPTH	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GW ELEVATION
MW - 13	Manny	08/22/23	3862.44		-	65.44	0.00	3797.00
MW - 13	Manny	10/31/23	3862.44	68.99	-	65.42	0.00	3797.02
MW - 14	Manny	02/09/23	3862.95	69.55	-	66.18	0.00	3796.77
MW - 14	Manny	05/09/23	3862.95	69.61	-	66.30	0.00	3796.65
MW - 14	Manny	08/23/23	3862.95	69.47	-	66.47	0.00	3796.48
MW - 14	Manny	11/01/23	3862.95	69.55	-	66.41	0.00	3796.54
MW - 15	Manny	02/08/23	3861.70		-	65.27	0.00	3796.43
MW - 15	Manny	05/08/23	3861.70		-	65.38	0.00	3796.32
MW - 15	Manny	08/22/23	3861.70		-	65.51	0.00	3796.19
MW - 15	Manny	10/31/23	3861.70	68.48	-	65.49	0.00	3796.21
MW - 16	Manny	02/08/23	3863.15	63.09	-	Dry	0.00	Dry
MW - 16	Manny	05/09/23	3863.15		-	Dry	0.00	Dry
MW - 16	Manny	08/24/23	3863.15	62.90	-	Dry	0.00	Dry
MW - 16	Manny	10/31/23	3863.15	63.05	-	Dry	0.00	Dry
MW - 17	Manny	02/08/23	3859.17		-	67.05	0.00	3792.12
MW - 17	Manny	05/08/23	3859.17		-	67.14	0.00	3792.03
MW - 17	Manny	08/22/23	3859.17		-	67.30	0.00	3791.87
MW - 17	Manny	10/31/23	3859.17	68.05	-	67.34	0.00	3791.83
MW - 18	Manny	02/08/23	3859.98	66.27	-	Dry	0.00	Dry
MW - 18	Manny	05/09/23	3859.98	66.24	-	Dry	0.00	Dry
MW - 18	Manny	08/24/23	3859.98	66.30	-	Dry	0.00	Dry
MW - 18	Manny	08/31/23	3859.98	66.31	-	Dry	0.00	Dry
MW - 18	Manny	11/01/23	3859.98	66.31	-	Dry	0.00	Dry
MW - 19	Manny	02/08/23	3862.30	67.65	-	Dry	0.00	Dry
MW - 19	Manny	05/09/23	3862.30		-	Dry	0.00	Dry
MW - 19	Manny	08/24/23	3862.30	67.69	-	Dry	0.00	Dry
MW - 19	Manny	10/31/23	3862.30	67.69	-	Dry	0.00	Dry
MW - 21	Manny	02/08/23	3862.30	66.64	-	Dry	0.00	Dry
MW - 21	Manny	05/09/23	3862.30		-	Dry	0.00	Dry
MW - 21	Manny	08/24/23	3862.30	66.48	-	Dry	0.00	Dry
MW - 21	Manny	10/31/23	3862.30	66.59	-	Dry	0.00	Dry
MW - 23	Manny	02/07/23	3862.44		-	64.70	0.00	3797.74
MW - 23	Manny	05/08/23	3862.44		-	64.84	0.00	3797.60
MW - 23	Manny	08/22/23	3862.44		-	65.01	0.00	3797.43
MW - 23	Manny	10/31/23	3862.44	66.23	-	65.00	0.00	3797.44
MW - 24	Manny	02/07/23	3864.36		-	65.71	0.00	3798.65
MW - 24	Manny	05/08/23	3864.36	66.28	-	65.93	0.00	3798.43
MW - 24	Manny	08/22/23	3864.36		-	66.05	0.00	3798.31
MW - 24	Manny	10/31/23	3864.36	66.23	-	Dry	0.00	Dry
MW - 25	Manny	02/07/23	3864.16		-	64.67	0.00	3799.49
MW - 25	Manny	05/08/23	3864.16		-	64.82	0.00	3799.34
MW - 25	Manny	08/22/23	3864.16		-	64.95	0.00	3799.21
MW - 25	Manny	10/31/23	3864.16	66.25	-	64.96	0.00	3799.20
MW - 26	Manny	02/08/23	3858.79	71.20	-	68.13	0.00	3790.66
MW - 26	Manny	05/09/23	3858.79	71.16	-	68.25	0.00	3790.54
MW - 26	Manny	08/24/23	3858.79	71.17	-	68.42	0.00	3790.37
MW - 26	Manny	10/31/23	3858.79	71.22	-	68.54	0.00	3790.25
MW - 28	Manny	02/08/23	3858.60	72.49	-	68.40	0.00	3790.20
MW - 28	Manny	05/09/23	3858.60	72.41	-	68.47	0.00	3790.13
MW - 28	Manny	08/24/23	3858.60	71.35	-	68.61	0.00	3789.99
MW - 28	Manny	10/31/23	3858.60	71.26	-	68.62	0.00	3789.98
MW - 29	Manny	02/07/23	3858.54		-	68.82	0.00	3789.72
MW - 29	Manny	05/08/23	3858.54	73.09	-	68.88	0.00	3789.66
MW - 29	Manny	08/23/23	3858.54	64.90	-	-	0.00	Dry
MW - 29	Manny	10/31/23	3858.54	73.14	-	69.01	0.00	3789.53
MW - 30	Manny	02/08/23	3858.35	65.65	-	Dry	0.00	Dry
MW - 30	Manny	05/09/23	3858.35	65.64	-	Dry	0.00	Dry
MW - 30	Manny	08/24/23	3858.35	65.38	-	Dry	0.00	Dry
MW - 30	Manny	10/31/23	3858.35	65.75	-	Dry	0.00	Dry
MW - 31	Manny	02/07/23	3858.52		-	68.27	0.00	3790.25
MW - 31	Manny	05/08/23	3858.52		-	68.39	0.00	3790.13
MW - 31	Manny	08/22/23	3858.52		-	68.58	0.00	3789.94
MW - 31	Manny	08/22/23	3858.52		-	68.58	0.00	3789.94

TABLE 1
GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

	FIELD TECH	DATE MEASURED	CASING ELEVATION	TOTAL WELL DEPTH	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GW ELEVATION
MW - 31	Manny	10/31/23	3858.52	70.20	-	68.70	0.00	3789.82
MW - 32	Manny	02/09/23	3858.07	73.59	-	68.51	0.00	3789.56
MW - 32	Manny	05/09/23	3858.07	73.59	-	68.63	0.00	3789.44
MW - 32	Manny	08/23/23	3858.07	73.45	-	68.83	0.00	3789.24
MW - 32	Manny	11/01/23	3858.07	73.62	-	68.78	0.00	3789.29
MW - 33	Manny	02/07/23	3858.36		-	69.08	0.00	3789.28
MW - 33	Manny	05/08/23	3858.36		-	69.11	0.00	3789.25
MW - 33	Manny	08/22/23	3858.36		-	69.28	0.00	3789.08
MW - 33	Manny	10/31/23	3858.36	73.00	-	69.25	0.00	3789.11
MW - 34	Manny	02/07/23	3857.91		-	69.03	0.00	3788.88
MW - 34	Manny	05/08/23	3857.91		-	69.06	0.00	3788.85
MW - 34	Manny	08/22/23	3857.91		-	69.38	0.00	3788.53
MW - 34	Manny	10/31/23	3857.91	73.96	-	69.23	0.00	3788.68
MW - 35	Manny	02/09/23	3857.16	73.65	-	68.58	0.00	3788.58
MW - 35	Manny	05/09/23	3857.16	73.80	-	68.70	0.00	3788.46
MW - 35	Manny	08/23/23	3857.16	73.57	-	68.96	0.00	3788.20
MW - 35	Manny	11/01/23	3857.16	73.75	-	68.97	0.00	3788.19
MW - 36	Manny	02/07/23	3858.80		-	69.21	0.00	3789.59
MW - 36	Manny	05/08/23	3858.80		-	69.28	0.00	3789.52
MW - 36	Manny	08/22/23	3858.80		-	69.43	0.00	3789.37
MW - 36	Manny	10/31/23	3858.80	74.03	-	69.49	0.00	3789.31
MW - 37	Manny	02/07/23	3857.69		-	67.01	0.00	3790.68
MW - 37	Manny	05/08/23	3857.69		-	68.40	0.00	3789.29
MW - 37	Manny	08/22/23	3857.69		-	68.60	0.00	3789.09
MW - 37	Manny	10/31/23	3857.69	73.69	-	68.64	0.00	3789.05
MW - 38	Manny	02/07/23	3855.95		-	68.27	0.00	3787.68
MW - 38	Manny	05/08/23	3855.95		-	67.12	0.00	3788.83
MW - 38	Manny	08/22/23	3855.95		-	67.30	0.00	3788.65
MW - 38	Manny	10/31/23	3855.95	69.80	-	67.39	0.00	3788.56
MW - 39	Manny	02/07/23	-		-	67.73	0.00	-
MW - 39	Manny	05/08/23	-		-	67.82	0.00	-
MW - 39	Manny	08/22/23	-		-	67.98	0.00	-
MW - 39	Manny	10/31/23	-	72.98	-	67.95	0.00	-
MW - 40	Manny	02/07/23	-		-	69.73	0.00	-
MW - 40	Manny	05/08/23	-		-	69.80	0.00	-
MW - 40	Manny	08/22/23	-		-	69.96	0.00	-
MW - 40	Manny	10/31/23	-	74.18	-	69.93	0.00	-

TABLE 2
2023 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	02/08/23	Not Sampled Due to PSH in Well				
MW - 1	05/09/23	Not Sampled Due to PSH in Well				
MW - 1	08/23/23	Not Sampled Due to PSH in Well				
MW - 1	11/01/23	Not Sampled Due to PSH in Well				
MW - 2	02/08/23	Not Sampled Due to PSH in Well				
MW - 2	05/09/23	Not Sampled Due to PSH in Well				
MW - 2	08/23/23	Not Sampled Due to PSH in Well				
MW - 2	11/01/23	Not Sampled Due to PSH in Well				
MW - 3	02/08/23	Not Sampled on Current Sample Schedule				
MW - 3	05/09/23	Not Sampled on Current Sample Schedule				
MW - 3	08/22/23	Not Sampled on Current Sample Schedule				
MW - 3	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 4	02/09/23	2.15	0.0208	2.12	1.892	
MW - 4	05/09/23	7.59	0.144	3.20	2.433	
MW - 4	08/23/23	11.5	0.0750	9.17	7.244	
MW - 4	11/01/23	5.46	0.171	4.41	3.212	
MW - 6	02/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	05/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	08/24/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 7	02/08/23	Not Sampled Due to PSH in Well				
MW - 7	05/09/23	Not Sampled Due to PSH in Well				
MW - 7	08/23/23	Not Sampled Due to PSH in Well				
MW - 7	11/01/23	Not Sampled Due to PSH in Well				
MW - 9	02/09/23	0.426	0.00127	0.00669	<0.00200	
MW - 9	05/09/23	0.195	<0.00100	0.00201	<0.00200	
MW - 9	08/23/23	0.0823	0.00112	0.00200	<0.00200	
MW - 9	11/01/23	0.0857	0.00104	0.00166	<0.00200	
MW - 10	02/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	05/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	08/24/23	0.0271	0.0107	2.11	1.082	
MW - 10	10/31/23	0.0795	0.00515	1.28	0.623	

□□□□□□□□

TABLE 2
2023 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	02/09/23	7.46	0.00857	2.27	1.2218	
MW - 11	05/09/23	4.93	0.00675	3.83	2.674	
MW - 11	08/23/23	4.27	0.0424	2.83	2.018	
MW - 11	11/01/23	2.54	0.0282	0.911	0.6270	
MW - 12	02/09/23	Not Sampled on Current Sample Schedule				
MW - 12	05/09/23	Not Sampled on Current Sample Schedule				
MW - 12	08/22/23	Not Sampled on Current Sample Schedule				
MW - 12	10/31/23	Insufficient Water				
MW - 13	02/08/23	Not Sampled on Current Sample Schedule				
MW - 13	05/09/23	Not Sampled on Current Sample Schedule				
MW - 13	08/22/23	Not Sampled on Current Sample Schedule				
MW - 13	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	02/09/23	<0.00100	<0.00100	<0.00100	0.00450	
MW - 14	05/09/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	08/24/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	11/01/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	02/08/23	Not Sampled on Current Sample Schedule				
MW - 15	05/09/23	Not Sampled on Current Sample Schedule				
MW - 15	08/22/23	Not Sampled on Current Sample Schedule				
MW - 15	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 16	02/08/23	DRY				
MW - 16	05/09/23	DRY				
MW - 16	08/22/23	DRY				
MW - 16	10/31/23	DRY				
MW - 17	02/08/23	Not Sampled on Current Sample Schedule				
MW - 17	05/09/23	Not Sampled on Current Sample Schedule				
MW - 17	08/22/23	Not Sampled on Current Sample Schedule				
MW - 17	10/31/23	0.00192	<0.00100	<0.00100	<0.00200	
MW - 18	02/08/23	DRY				
MW - 18	05/09/23	DRY				
MW - 18	08/24/23	DRY				
MW - 18	10/31/23	DRY				
MW - 19	02/08/23	DRY				
MW - 19	05/09/23	DRY				
MW - 19	08/24/23	DRY				

□□□□□□□□

TABLE 2
2023 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	10/31/23	DRY				
MW - 21	02/08/23	DRY				
MW - 21	05/09/23	DRY				
MW - 21	08/24/23	DRY				
MW - 21	10/31/23	DRY				
MW - 23	02/08/23	Not Sampled on Current Sample Schedule				
MW - 23	05/09/23	Not Sampled on Current Sample Schedule				
MW - 23	08/22/23	Not Sampled on Current Sample Schedule				
MW - 23	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 24	02/08/23	Not Sampled on Current Sample Schedule				
MW - 24	05/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 24	08/22/23	Not Sampled on Current Sample Schedule				
MW - 24	10/31/23	Insufficient Water				
MW - 25	02/08/23	Not Sampled on Current Sample Schedule				
MW - 25	05/09/23	Not Sampled on Current Sample Schedule				
MW - 25	08/22/23	Not Sampled on Current Sample Schedule				
MW - 25	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	02/08/23	<0.00100	0.00121	<0.00100	<0.00200	
MW - 26	05/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	08/24/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	10/31/23	0.00132	0.00152	0.00110	<0.00200	
MW - 28	02/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	05/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	08/24/23	DRY				
MW - 28	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 29	02/08/23	Not Sampled on Current Sample Schedule				
MW - 29	05/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 29	08/22/23	Not Sampled on Current Sample Schedule				
MW - 29	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 30	02/08/23	DRY				
MW - 30	05/09/23	DRY				
MW - 30	08/24/23	DRY				
MW - 30	10/31/23	DRY				
MW - 31	02/08/23	Not Sampled on Current Sample Schedule				

□□□□□□□□

TABLE 2
2023 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	05/09/23	Not Sampled on Current Sample Schedule				
MW - 31	08/22/23	Not Sampled on Current Sample Schedule				
MW - 31	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 32	02/09/23	0.00519	0.00549	0.0330	0.0527	
MW - 32	05/09/23	0.00724	0.00694	0.0335	0.0521	
MW - 32	08/23/23	0.00181	0.00199	0.0130	0.02252	
MW - 32	11/01/23	0.00356	0.00356	0.0183	0.02750	
MW - 33	02/08/23	Not Sampled on Current Sample Schedule				
MW - 33	05/09/23	Not Sampled on Current Sample Schedule				
MW - 33	08/22/23	Not Sampled on Current Sample Schedule				
MW - 33	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 34	02/08/23	Not Sampled on Current Sample Schedule				
MW - 34	05/09/23	Not Sampled on Current Sample Schedule				
MW - 34	08/22/23	Not Sampled on Current Sample Schedule				
MW - 34	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 35	02/09/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 35	05/09/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 35	08/23/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 35	11/01/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 36	02/08/23	Not Sampled on Current Sample Schedule				
MW - 36	05/09/23	Not Sampled on Current Sample Schedule				
MW - 36	08/22/23	Not Sampled on Current Sample Schedule				
MW - 36	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 37	02/08/23	Not Sampled on Current Sample Schedule				
MW - 37	05/09/23	Not Sampled on Current Sample Schedule				
MW - 37	08/22/23	Not Sampled on Current Sample Schedule				
MW - 37	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 38	02/08/23	Not Sampled on Current Sample Schedule				
MW - 38	05/09/23	Not Sampled on Current Sample Schedule				
MW - 38	08/22/23	Not Sampled on Current Sample Schedule				
MW - 38	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 39	02/08/23	Not Sampled on Current Sample Schedule				
MW - 39	05/09/23	Not Sampled on Current Sample Schedule				
MW - 39	08/22/23	Not Sampled on Current Sample Schedule				
MW - 39	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	

□□□□□□□□

TABLE 2
2023 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	02/08/23	Not Sampled on Current Sample Schedule				
MW - 40	05/09/23	Not Sampled on Current Sample Schedule				
MW - 40	08/22/23	Not Sampled on Current Sample Schedule				
MW - 40	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	

□□□□□□□□

TABLE 3

2022 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	11/01/23	Not Sampled due to the presence of PSH.																		-
MW-2	11/01/23	Not Sampled due to the presence of PSH.																		
MW-3	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/01/23	0.065	0.038	0.13	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.22	<0.00011	0.37	<0.00011	7.4		-	
MW-6	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/01/23	Not Sampled due to the presence of PSH.																		
MW-9	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/01/23	0.012	0.0061	0.016	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.036	<0.00011	0.042	<0.00011	0.96		-	
MW-12	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/01/23	DRY																		
MW-17	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	11/01/23	DRY																		

TABLE 3

2022 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	All water concentrations are reported in mg/L 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	11/01/23	DRY																		
MW-21	11/01/23	DRY																		
MW-23	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-29	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	11/01/23	DRY																		
MW-31	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-32	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-33	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-34	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-35	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-36	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-37	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-38	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

2022 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-39	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-40	11/01/23	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 - 1	01/06/22	3859.08	-	64.71	0.00	3794.37
MW - 1	02/10/22	3859.08	64.65	64.66	0.01	3794.43
MW - 1	02/18/22	3859.08	-	64.62	0.00	3794.46
MW - 1	05/04/22	3859.08	-	64.71	0.00	3794.37
MW - 1	07/27/22	3859.08	64.80	64.84	0.04	3794.27
MW - 1	08/02/22	3859.08	64.82	64.83	0.01	3794.26
MW - 1	10/27/22	3859.08	-	65.02	0.00	3794.06
MW - 1	02/08/23	3859.08	65.10	65.14	0.04	3793.97
MW - 1	05/09/23	3859.08	65.19	65.28	0.09	3793.88
MW - 1	08/22/23	3859.08	65.30	65.38	0.08	3793.77
MW - 1	11/01/23	3859.08	65.38	65.42	0.04	3793.69
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

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	03/10/03	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
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

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	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
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

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	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
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

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	12/29/21	3860.76	64.58	64.70	0.12	3796.16
MW - 2	01/06/22	3860.76	65.20	65.26	0.06	3795.55
MW - 2	02/10/22	3860.76	65.25	65.34	0.09	3795.50
MW - 2	02/18/22	3860.76	65.15	65.24	0.09	3795.60
MW - 2	04/07/22	3860.76	65.22	65.29	0.07	3795.53
MW - 2	05/04/22	3860.76	65.28	65.32	0.04	3795.47
MW - 2	08/03/22	3860.76	65.92	67.55	1.63	3794.60
MW - 2	10/27/22	3860.76	65.51	65.71	0.20	3795.22
MW - 2	02/09/23	3860.76	65.67	65.88	0.21	3795.06
MW - 2	05/09/23	3860.76	65.75	65.97	0.22	3794.98
MW - 2	08/22/23	3860.76	65.91	66.03	0.12	3794.83
MW - 2	11/01/23	3860.76	66.00	66.20	0.20	3794.73
MW - 3	03/24/00	3861.15	-	57.98	0.00	3803.17
MW - 3	06/14/00	3861.15	-	58.50	0.00	3802.65
MW - 3	09/22/00	3861.15	-	57.48	0.00	3803.67
MW - 3	12/28/00	3861.15	-	57.74	0.00	3803.41
MW - 3	03/14/01	3861.15	-	57.85	0.00	3803.30
MW - 3	06/06/01	3861.15	-	58.00	0.00	3803.15
MW - 3	09/28/01	3861.15	-	58.13	0.00	3803.02
MW - 3	11/17/01	3861.15	-	58.46	0.00	3802.69
MW - 3	03/26/02	3861.15	-	58.65	0.00	3802.50
MW - 3	06/26/02	3861.15	-	58.55	0.00	3802.60
MW - 3	09/25/02	3861.15	-	58.71	0.00	3802.44
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

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	12/05/06	3861.15	-	59.42	0.00	3801.73
MW - 3	03/01/07	3861.15	-	59.52	0.00	3801.63
MW - 3	05/24/07	3861.15	-	59.63	0.00	3801.52
MW - 3	08/24/07	3861.15	-	59.68	0.00	3801.47
MW - 3	11/08/07	3861.15	-	59.76	0.00	3801.39
MW - 3	03/04/08	3861.15	-	59.86	0.00	3801.29
MW - 3	06/11/08	3861.15	-	59.93	0.00	3801.22
MW - 3	09/09/08	3861.15	-	60.06	0.00	3801.09
MW - 3	12/11/08	3861.15	-	61.13	0.00	3800.02
MW - 3	02/27/09	3861.15	-	60.24	0.00	3800.91
MW - 3	05/21/09	3861.15	-	60.32	0.00	3800.83
MW - 3	08/18/09	3861.15	-	60.23	0.00	3800.92
MW - 3	12/09/09	3861.15	-	60.38	0.00	3800.77
MW - 3	01/06/10	3861.15	-	60.39	0.00	3800.76
MW - 3	02/22/10	3861.15	-	60.44	0.00	3800.71
MW - 3	06/04/10	3861.15	-	60.56	0.00	3800.59
MW - 3	08/26/10	3861.15	-	60.58	0.00	3800.57
MW - 3	11/30/10	3861.15	-	60.40	0.00	3800.75
MW - 3	03/08/11	3861.15	-	60.39	0.00	3800.76
MW - 3	05/26/11	3861.15	-	60.38	0.00	3800.77
MW - 3	07/06/11	3861.15	-	60.71	0.00	3800.44
MW - 3	07/13/11	3861.15	-	60.72	0.00	3800.43
MW - 3	07/19/11	3861.15	-	60.68	0.00	3800.47
MW - 3	07/26/11	3861.15	-	60.67	0.00	3800.48
MW - 3	08/12/11	3861.15	-	60.72	0.00	3800.43
MW - 3	08/16/11	3861.15	-	60.75	0.00	3800.40
MW - 3	08/18/11	3861.15	-	60.75	0.00	3800.40
MW - 3	08/23/11	3861.15	-	60.73	0.00	3800.42
MW - 3	11/15/11	3861.15	-	60.81	0.00	3800.34
MW - 3	02/29/12	3861.15	-	61.00	0.00	3800.15
MW - 3	05/01/12	3861.15	-	61.05	0.00	3800.10
MW - 3	08/10/12	3861.15	-	61.41	0.00	3799.74
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

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	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
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

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	05/29/19	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 - 3	02/09/22	3861.15	-	65.55	0.00	3795.60
MW - 3	05/02/22	3861.15	-	65.60	0.00	3795.55
MW - 3	08/01/22	3861.15	-	65.69	0.00	3795.46
MW - 3	10/26/22	3861.15	-	65.81	0.00	3795.34
MW - 3	02/08/23	3861.15	-	65.92	0.00	3795.23
MW - 3	05/08/23	3861.15	-	66.08	0.00	3795.07
MW - 3	08/22/23	3861.15	-	66.23	0.00	3794.92
MW - 3	10/31/23	3861.15	-	66.30	0.00	3794.85
MW - 4	03/24/00	3859.62	-	57.03	0.00	3802.59
MW - 4	06/14/00	3859.62	-	57.57	0.00	3802.05
MW - 4	09/22/00	3859.62	-	56.64	0.00	3802.98
MW - 4	12/28/00	3859.62	-	56.86	0.00	3802.76
MW - 4	03/14/01	3859.62	-	56.96	0.00	3802.66
MW - 4	06/06/01	3859.62	-	57.12	0.00	3802.50
MW - 4	09/28/01	3859.62	-	57.23	0.00	3802.39
MW - 4	11/17/01	3859.62	-	58.04	0.00	3801.58
MW - 4	03/26/02	3859.62	-	57.69	0.00	3801.93
MW - 4	06/26/02	3859.62	-	57.60	0.00	3802.02
MW - 4	09/25/02	3859.62	-	57.77	0.00	3801.85
MW - 4	12/10/02	3859.62	-	57.79	0.00	3801.83
MW - 4	03/10/03	3859.62	-	57.87	0.00	3801.75
MW - 4	06/09/03	3859.62	-	58.00	0.00	3801.62

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	09/03/03	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
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

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	09/22/08	3859.62	58.87	60.48	1.61	3800.51
MW - 4	10/01/08	3859.62	58.93	60.23	1.30	3800.50
MW - 4	10/09/08	3859.62	58.96	59.97	1.01	3800.51
MW - 4	10/16/08	3859.62	59.03	59.93	0.90	3800.46
MW - 4	10/23/08	3859.62	59.01	59.91	0.90	3800.48
MW - 4	10/30/08	3859.62	59.03	60.04	1.01	3800.44
MW - 4	11/04/08	3859.62	59.00	59.93	0.93	3800.48
MW - 4	11/25/08	3859.62	58.92	60.74	1.82	3800.43
MW - 4	11/25/08	3859.62	59.41	59.51	0.10	3800.20
MW - 4	12/11/08	3859.62	58.94	60.64	1.70	3800.43
MW - 4	01/02/09	3859.62	58.92	61.72	2.80	3800.28
MW - 4	01/08/09	3859.62	59.07	60.41	1.34	3800.35
MW - 4	01/14/09	3859.62	59.10	60.09	0.99	3800.37
MW - 4	02/12/09	3859.62	59.23	61.21	1.98	3800.09
MW - 4	02/19/09	3859.62	59.95	61.33	1.38	3799.46
MW - 4	02/26/09	3859.62	59.15	61.15	2.00	3800.17
MW - 4	03/04/09	3859.62	60.00	61.38	1.38	3799.41
MW - 4	03/16/09	3859.62	59.98	61.29	1.31	3799.44
MW - 4	03/19/09	3859.62	58.93	61.52	2.59	3800.30
MW - 4	03/24/09	3859.62	58.94	61.61	2.67	3800.28
MW - 4	04/08/09	3859.62	59.99	61.30	1.31	3799.43
MW - 4	04/15/09	3859.62	58.96	61.39	2.43	3800.30
MW - 4	04/17/09	3859.62	59.97	61.26	1.29	3799.46
MW - 4	04/21/09	3859.62	59.95	61.23	1.28	3799.48
MW - 4	04/29/09	3859.62	59.00	61.30	2.30	3800.28
MW - 4	05/06/09	3859.62	59.48	61.38	1.90	3799.86
MW - 4	05/20/09	3859.62	59.07	61.17	2.10	3800.24
MW - 4	05/22/09	3859.62	59.23	60.28	1.05	3800.23
MW - 4	05/27/09	3859.62	59.07	61.02	1.95	3800.26
MW - 4	06/01/09	3859.62	59.16	60.59	1.43	3800.25
MW - 4	06/09/09	3859.62	59.36	60.89	1.53	3800.03
MW - 4	06/17/09	3859.62	59.03	61.12	2.09	3800.28
MW - 4	06/23/09	3859.62	59.94	61.26	1.32	3799.48
MW - 4	06/30/09	3859.62	59.06	61.06	2.00	3800.26
MW - 4	07/10/09	3859.62	59.26	61.11	1.85	3800.08
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

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	08/12/09	3859.62	59.02	60.90	1.88	3800.32
MW - 4	08/18/09	3859.62	59.20	61.45	2.25	3800.08
MW - 4	08/20/09	3859.62	59.00	61.28	2.28	3800.28
MW - 4	08/26/09	3859.62	59.05	61.00	1.95	3800.28
MW - 4	09/02/09	3859.62	59.02	61.10	2.08	3800.29
MW - 4	09/09/09	3859.62	59.10	60.75	1.65	3800.27
MW - 4	09/14/09	3859.62	59.13	60.51	1.38	3800.28
MW - 4	09/21/09	3859.62	59.12	60.69	1.57	3800.26
MW - 4	10/01/09	3859.62	59.10	60.97	1.87	3800.24
MW - 4	10/08/09	3859.62	59.39	60.05	0.66	3800.13
MW - 4	10/14/09	3859.62	59.14	60.66	1.52	3800.25
MW - 4	10/21/09	3859.62	59.08	61.45	2.37	3800.18
MW - 4	10/28/09	3859.62	59.12	61.08	1.96	3800.21
MW - 4	10/29/09	3859.62	59.29	60.35	1.06	3800.17
MW - 4	11/04/09	3859.62	59.31	60.25	0.94	3800.17
MW - 4	11/11/09	3859.62	59.19	60.75	1.56	3800.20
MW - 4	11/18/09	3859.62	59.19	60.76	1.57	3800.19
MW - 4	12/02/09	3859.62	59.13	61.25	2.12	3800.17
MW - 4	12/10/09	3859.62	59.24	61.07	1.83	3800.11
MW - 4	12/18/09	3859.62	59.20	61.14	1.94	3800.13
MW - 4	12/23/09	3859.62	59.30	60.55	1.25	3800.13
MW - 4	12/30/09	3859.62	59.34	60.81	1.47	3800.06
MW - 4	01/06/10	3859.62	59.28	60.82	1.54	3800.11
MW - 4	01/19/10	3859.62	59.26	60.82	1.56	3800.13
MW - 4	02/02/10	3859.62	59.21	61.70	2.49	3800.04
MW - 4	02/19/10	3859.62	59.25	61.84	2.59	3799.98
MW - 4	02/22/10	3859.62	59.40	61.71	2.31	3799.87
MW - 4	03/02/10	3859.62	59.25	61.89	2.64	3799.97
MW - 4	03/09/10	3859.62	59.39	61.16	1.77	3799.96
MW - 4	03/11/10	3859.62	59.41	61.09	1.68	3799.96
MW - 4	03/16/10	3859.62	59.25	61.64	2.39	3800.01
MW - 4	03/18/10	3859.62	59.28	61.12	1.84	3800.06
MW - 4	03/24/10	3859.62	59.42	61.06	1.64	3799.95
MW - 4	03/31/10	3859.62	59.40	61.05	1.65	3799.97
MW - 4	04/08/10	3859.62	59.24	61.05	1.81	3800.11
MW - 4	04/15/10	3859.62	59.25	61.06	1.81	3800.10
MW - 4	04/28/10	3859.62	59.20	61.80	2.60	3800.03
MW - 4	05/06/10	3859.62	59.24	61.82	2.58	3799.99
MW - 4	05/13/10	3859.62	59.28	61.77	2.49	3799.97
MW - 4	05/19/10	3859.62	59.30	61.75	2.45	3799.95

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	05/27/10	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
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

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	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
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

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	03/05/13	3859.62	60.51	60.84	0.33	3799.06
MW - 4	03/21/13	3859.62	60.48	60.74	0.26	3799.10
MW - 4	04/04/13	3859.62	60.52	60.78	0.26	3799.06
MW - 4	04/11/13	3859.62	60.52	60.80	0.28	3799.06
MW - 4	04/18/13	3859.62	60.56	60.78	0.22	3799.03
MW - 4	04/25/13	3859.62	60.55	60.77	0.22	3799.04
MW - 4	05/01/13	3859.62	60.57	60.77	0.20	3799.02
MW - 4	05/10/13	3859.62	60.56	60.68	0.12	3799.04
MW - 4	05/15/13	3859.62	60.55	60.68	0.13	3799.05
MW - 4	05/24/13	3859.62	60.59	60.73	0.14	3799.01
MW - 4	05/30/13	3859.62	60.61	60.72	0.11	3798.99
MW - 4	06/06/13	3859.62	60.61	60.71	0.10	3799.00
MW - 4	06/14/13	3859.62	60.63	60.73	0.10	3798.98
MW - 4	06/20/13	3859.62	60.64	60.75	0.11	3798.96
MW - 4	06/27/13	3859.62	60.61	60.75	0.14	3798.99
MW - 4	07/03/13	3859.62	60.64	60.71	0.07	3798.97
MW - 4	07/10/13	3859.62	60.64	60.79	0.15	3798.96
MW - 4	07/25/13	3859.62	60.63	60.80	0.17	3798.96
MW - 4	07/31/13	3859.62	60.63	60.80	0.17	3798.96
MW - 4	08/20/13	3859.62	60.65	60.84	0.19	3798.94
MW - 4	08/29/13	3859.62	60.64	60.84	0.20	3798.95
MW - 4	09/09/13	3859.62	60.68	60.91	0.23	3798.91
MW - 4	09/18/13	3859.62	60.70	60.91	0.21	3798.89
MW - 4	09/27/13	3859.62	60.70	60.88	0.18	3798.89
MW - 4	10/02/13	3859.62	60.73	60.91	0.18	3798.86
MW - 4	10/08/13	3859.62	60.68	60.83	0.15	3798.92
MW - 4	10/16/13	3859.62	60.72	60.84	0.12	3798.88
MW - 4	10/24/13	3859.62	60.70	60.86	0.16	3798.90
MW - 4	10/31/13	3859.62	60.69	60.82	0.13	3798.91
MW - 4	11/11/13	3859.62	60.71	60.84	0.13	3798.89
MW - 4	12/11/13	3859.62	60.78	60.97	0.19	3798.81
MW - 4	12/17/13	3859.62	60.77	60.99	0.22	3798.82
MW - 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

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	03/18/14	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
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

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	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
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

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	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
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

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	02/02/17	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
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

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	12/20/17	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
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

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	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
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

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	02/24/21	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 - 4	01/06/22	3859.62	64.39	68.61	4.22	3794.60
MW - 4	01/31/22	3859.62	64.34	68.72	4.38	3794.62
MW - 4	02/10/22	3859.62	64.36	68.73	4.37	3794.60
MW - 4	02/18/22	3859.62	64.37	68.75	4.38	3794.59
MW - 4	02/25/22	3859.62	64.40	68.72	4.32	3794.57
MW - 4	03/10/22	3859.62	64.45	68.14	3.69	3794.62
MW - 4	03/23/22	3859.62	64.45	68.75	4.30	3794.53
MW - 4	04/07/22	3859.62	64.45	68.80	4.35	3794.52
MW - 4	04/14/22	3859.62	64.46	68.86	4.40	3794.50
MW - 4	05/03/22	3859.62	64.45	68.75	4.30	3794.53
MW - 4	05/27/22	3859.62	64.52	68.88	4.36	3794.45
MW - 4	06/15/22	3859.62	64.53	68.97	4.44	3794.42
MW - 4	06/29/22	3859.62	64.55	68.95	4.40	3794.41
MW - 4	07/21/22	3859.62	64.58	68.98	4.40	3794.38
MW - 4	07/27/22	3859.62	64.60	69.32	4.72	3794.31
MW - 4	08/03/22	3859.62	64.78	69.09	4.31	3794.19
MW - 4	08/10/22	3859.62	64.61	68.95	4.34	3794.36

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 - 4	09/22/22	3859.62	64.65	69.25	4.60	3794.28
MW - 4	09/30/22	3859.62	64.68	69.11	4.43	3794.28
MW - 4	10/22/22	3859.62	64.69	69.13	4.44	3794.26
MW - 4	10/27/22	3859.62	64.72	69.13	4.41	3794.24
MW - 4	11/07/22	3859.62	64.73	69.19	4.46	3794.22
MW - 4	10/27/22	3859.62	64.76	69.25	4.49	3794.19
MW - 4	12/23/22	3859.62	64.82	69.35	4.53	3794.12
MW - 4	01/19/23	3859.62	64.82	69.38	4.56	3794.12
MW - 4	01/23/23	3859.62	64.89	69.18	4.29	3794.09
MW - 4	02/09/23	3859.62	64.89	69.29	4.40	3794.07
MW - 4	02/22/23	3859.62	64.92	69.30	4.38	3794.04
MW - 4	03/23/23	3859.62	64.94	69.30	4.36	3794.03
MW - 4	03/30/23	3859.62	64.94	69.26	4.32	3794.03
MW - 4	04/07/23	3859.62	64.98	69.27	4.29	3794.00
MW - 4	04/25/23	3859.62	65.00	69.25	4.25	3793.98
MW - 4	05/09/23	3859.62	65.00	69.10	4.10	3794.01
MW - 4	06/06/23	3859.62	65.09	69.26	4.17	3793.90
MW - 4	06/27/23	3859.62	65.15	69.29	4.14	3793.85
MW - 4	07/11/23	3859.62	65.08	69.28	4.20	3793.91
MW - 4	07/18/23	3859.62	65.09	69.29	4.20	3793.90
MW - 4	07/27/23	3859.62	65.12	69.32	4.20	3793.87
MW - 4	08/21/23	3859.62	65.12	69.40	4.28	3793.86
MW - 4	08/23/23	3859.62	65.12	69.40	4.28	3793.86
MW - 4	09/01/23	3859.62	65.60	69.20	3.60	3793.48
MW - 4	10/18/23	3859.62	65.25	69.55	4.30	3793.73
MW - 4	10/23/23	3859.62	65.70	69.40	3.70	3793.37
MW - 4	11/01/23	3859.62	65.19	69.69	4.50	3793.76
MW - 4	11/27/23	3859.62	65.28	69.59	4.31	3793.69
MW - 6	03/24/00	3862.47	-	57.43	0.00	3805.04
MW - 6	06/14/00	3862.47	-	57.98	0.00	3804.49
MW - 6	09/22/00	3862.47	-	56.82	0.00	3805.65
MW - 6	12/28/00	3862.47	-	57.03	0.00	3805.44
MW - 6	03/14/01	3862.47	-	57.14	0.00	3805.33
MW - 6	06/06/01	3862.47	-	57.35	0.00	3805.12
MW - 6	09/28/01	3862.47	-	57.42	0.00	3805.05
MW - 6	11/17/01	3862.47	-	57.77	0.00	3804.70
MW - 6	03/26/02	3862.47	-	58.05	0.00	3804.42
MW - 6	06/26/02	3862.47	-	57.90	0.00	3804.57
MW - 6	09/25/02	3862.47	-	58.13	0.00	3804.34

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	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
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

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	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
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

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	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 - 6	02/10/22	3862.47	-	65.16	0.00	3797.31
MW - 6	05/04/22	3862.47	-	65.22	0.00	3797.25
MW - 6	08/02/22	3862.47	-	65.34	0.00	3797.13
MW - 6	10/28/22	3862.47	-	65.44	0.00	3797.03
MW - 6	02/08/23	3862.47	-	65.57	0.00	3796.90
MW - 6	05/08/23	3862.47	-	65.76	0.00	3796.71
MW - 6	08/24/23	3862.47	-	65.90	0.00	3796.57
MW - 6	10/31/23	3862.47	-	65.82	0.00	3796.65
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

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	06/06/01	3859.31	-	57.20	0.00	3802.11
MW - 7	09/28/01	3859.31	-	57.32	0.00	3801.99
MW - 7	11/17/01	3859.31	-	57.77	0.00	3801.54
MW - 7	03/26/02	3859.31	-	57.82	0.00	3801.49
MW - 7	06/26/02	3859.31	-	57.73	0.00	3801.58
MW - 7	09/25/02	3859.31	-	57.90	0.00	3801.41
MW - 7	12/10/02	3859.31	-	57.91	0.00	3801.40
MW - 7	03/10/03	3859.31	-	58.02	0.00	3801.29
MW - 7	06/09/03	3859.31	-	58.13	0.00	3801.18
MW - 7	09/03/03	3859.31	-	58.20	0.00	3801.11
MW - 7	12/08/03	3859.31	-	58.28	0.00	3801.03
MW - 7	03/01/04	3859.31	-	58.42	0.00	3800.89
MW - 7	05/19/04	3859.31	-	58.29	0.00	3801.02
MW - 7	08/26/04	3859.31	-	58.50	0.00	3800.81
MW - 7	12/09/04	3859.31	-	57.12	0.00	3802.19
MW - 7	03/17/05	3859.31	-	57.25	0.00	3802.06
MW - 7	06/15/05	3859.31	-	57.49	0.00	3801.82
MW - 7	09/14/05	3859.31	-	57.74	0.00	3801.57
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

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	10/05/07	3859.31	58.86	58.92	0.06	3800.44
MW - 7	10/12/07	3859.31	58.87	59.00	0.13	3800.42
MW - 7	11/08/07	3859.31	59.39	59.41	0.02	3799.92
MW - 7	11/09/07	3859.31	sheen	59.14	0.00	3800.17
MW - 7	12/13/07	3859.31	59.22	59.66	0.44	3800.02
MW - 7	01/10/08	3859.31	58.88	59.44	0.56	3800.35
MW - 7	01/16/08	3859.31	58.92	59.45	0.53	3800.31
MW - 7	01/22/08	3859.31	58.92	59.73	0.81	3800.27
MW - 7	02/07/08	3859.31	58.94	59.36	0.42	3800.31
MW - 7	02/12/08	3859.31	58.99	59.26	0.27	3800.28
MW - 7	02/20/08	3859.31	58.98	59.22	0.24	3800.29
MW - 7	02/27/08	3859.31	58.99	59.20	0.21	3800.29
MW - 7	03/04/08	3859.31	58.99	59.19	0.20	3800.29
MW - 7	03/13/08	3859.31	58.97	59.42	0.45	3800.27
MW - 7	03/20/08	3859.31	60.11	60.47	0.36	3799.15
MW - 7	03/23/08	3859.31	58.97	59.42	0.45	3800.27
MW - 7	04/09/08	3859.31	58.98	59.43	0.45	3800.26
MW - 7	04/18/08	3859.31	59.02	59.45	0.43	3800.23
MW - 7	04/25/08	3859.31	59.05	59.45	0.40	3800.20
MW - 7	04/30/08	3859.31	59.01	59.40	0.39	3800.24
MW - 7	05/16/08	3859.31	59.03	59.45	0.42	3800.22
MW - 7	06/03/08	3859.31	59.08	59.42	0.34	3800.18
MW - 7	06/11/08	3859.31	59.06	59.43	0.37	3800.19
MW - 7	06/18/08	3859.31	59.09	59.44	0.35	3800.17
MW - 7	06/25/08	3859.31	59.07	59.42	0.35	3800.19
MW - 7	07/01/08	3859.31	59.08	59.42	0.34	3800.18
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

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	11/25/08	3859.31	-	60.86	0.00	3798.45
MW - 7	12/11/08	3859.31	59.21	59.91	0.70	3800.00
MW - 7	01/02/09	3859.31	59.16	60.26	1.10	3799.99
MW - 7	01/08/09	3859.31	59.24	59.78	0.54	3799.99
MW - 7	01/14/09	3859.31	59.34	59.70	0.36	3799.92
MW - 7	02/12/09	3859.31	59.23	60.22	0.99	3799.93
MW - 7	02/19/09	3859.31	59.21	60.30	1.09	3799.94
MW - 7	02/26/09	3859.31	59.25	60.01	0.76	3799.95
MW - 7	03/04/09	3859.31	59.32	60.39	1.07	3799.83
MW - 7	03/16/09	3859.31	59.39	60.43	1.04	3799.76
MW - 7	03/19/09	3859.31	59.22	60.42	1.20	3799.91
MW - 7	03/24/09	3859.31	59.23	60.48	1.25	3799.89
MW - 7	04/08/09	3859.31	59.40	60.41	1.01	3799.76
MW - 7	04/15/09	3859.31	59.28	60.32	1.04	3799.87
MW - 7	04/17/09	3859.31	59.42	60.36	0.94	3799.75
MW - 7	04/21/09	3859.31	59.43	60.34	0.91	3799.74
MW - 7	04/29/09	3859.31	59.26	60.56	1.30	3799.86
MW - 7	05/06/09	3859.31	59.33	60.02	0.69	3799.88
MW - 7	05/20/09	3859.31	59.33	60.17	0.84	3799.85
MW - 7	05/22/09	3859.31	59.42	59.87	0.45	3799.82
MW - 7	05/27/09	3859.31	59.35	60.10	0.75	3799.85
MW - 7	06/01/09	3859.31	59.40	59.77	0.37	3799.85
MW - 7	06/09/09	3859.31	59.42	59.78	0.36	3799.84
MW - 7	06/17/09	3859.31	59.41	59.23	-0.18	3799.93
MW - 7	06/23/09	3859.31	59.43	60.39	0.96	3799.74
MW - 7	06/30/09	3859.31	59.40	59.77	0.37	3799.85
MW - 7	07/10/09	3859.31	59.35	59.95	0.60	3799.87
MW - 7	07/13/09	3859.31	59.36	59.79	0.43	3799.89
MW - 7	07/17/09	3859.31	59.37	59.94	0.57	3799.85
MW - 7	07/24/09	3859.31	59.34	60.01	0.67	3799.87
MW - 7	07/28/09	3859.31	59.37	59.73	0.36	3799.89
MW - 7	08/04/09	3859.31	59.32	59.82	0.50	3799.92
MW - 7	08/12/09	3859.31	59.36	60.00	0.64	3799.85
MW - 7	08/18/09	3859.31	59.38	60.01	0.63	3799.84
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

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	10/01/09	3859.31	59.38	60.07	0.69	3799.83
MW - 7	10/08/09	3859.31	59.42	59.78	0.36	3799.84
MW - 7	10/14/09	3859.31	59.42	59.89	0.47	3799.82
MW - 7	10/21/09	3859.31	59.42	60.05	0.63	3799.80
MW - 7	10/28/09	3859.31	59.41	59.99	0.58	3799.81
MW - 7	10/29/09	3859.31	59.46	59.87	0.41	3799.79
MW - 7	11/04/09	3859.31	59.45	59.90	0.45	3799.79
MW - 7	11/11/09	3859.31	58.45	59.96	1.51	3800.63
MW - 7	11/18/09	3859.31	59.45	59.99	0.54	3799.78
MW - 7	12/02/09	3859.31	59.47	60.16	0.69	3799.74
MW - 7	12/10/09	3859.31	59.49	60.19	0.70	3799.72
MW - 7	12/18/09	3859.31	59.49	60.20	0.71	3799.71
MW - 7	12/23/09	3859.31	59.53	60.06	0.53	3799.70
MW - 7	12/30/09	3859.31	59.56	60.03	0.47	3799.68
MW - 7	01/06/10	3859.31	59.50	60.05	0.55	3799.73
MW - 7	01/19/10	3859.31	59.52	60.07	0.55	3799.71
MW - 7	02/02/10	3859.31	59.49	60.37	0.88	3799.69
MW - 7	02/19/10	3859.31	59.57	60.62	1.05	3799.58
MW - 7	02/22/10	3859.31	59.59	60.36	0.77	3799.60
MW - 7	03/02/10	3859.31	59.58	60.53	0.95	3799.59
MW - 7	03/09/10	3859.31	59.65	60.21	0.56	3799.58
MW - 7	03/11/10	3859.31	59.68	60.11	0.43	3799.57
MW - 7	03/16/10	3859.31	59.56	60.33	0.77	3799.63
MW - 7	03/18/10	3859.31	59.85	60.06	0.21	3799.43
MW - 7	03/24/10	3859.31	59.66	60.25	0.59	3799.56
MW - 7	03/31/10	3859.31	59.66	60.24	0.58	3799.56
MW - 7	04/08/10	3859.31	59.52	60.48	0.96	3799.65
MW - 7	04/15/10	3859.31	59.54	60.33	0.79	3799.65
MW - 7	04/28/10	3859.31	59.53	60.45	0.92	3799.64
MW - 7	05/06/10	3859.31	59.56	60.47	0.91	3799.61
MW - 7	05/13/10	3859.31	59.60	60.46	0.86	3799.58
MW - 7	05/19/10	3859.31	59.58	60.47	0.89	3799.60
MW - 7	05/27/10	3859.31	59.46	61.06	1.60	3799.61
MW - 7	06/04/10	3859.31	59.54	60.62	1.08	3799.61
MW - 7	07/02/10	3859.31	59.55	60.88	1.33	3799.56
MW - 7	07/09/10	3859.31	59.59	60.18	0.59	3799.63
MW - 7	07/14/10	3859.31	59.39	59.45	0.06	3799.91
MW - 7	07/22/10	3859.31	59.16	59.60	0.44	3800.08
MW - 7	07/29/10	3859.31	59.16	59.74	0.58	3800.06
MW - 7	08/05/10	3859.31	58.14	58.81	0.67	3801.07

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	08/12/10	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
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

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	01/24/12	3859.31	59.78	61.84	2.06	3799.22
MW - 7	01/31/12	3859.31	59.86	61.27	1.41	3799.24
MW - 7	02/08/12	3859.31	59.90	61.05	1.15	3799.24
MW - 7	02/29/12	3859.31	59.89	61.51	1.62	3799.18
MW - 7	03/09/12	3859.31	59.59	61.10	1.51	3799.49
MW - 7	03/16/12	3859.31	59.56	61.25	1.69	3799.50
MW - 7	03/21/12	3859.31	60.01	60.93	0.92	3799.16
MW - 7	03/28/12	3859.31	60.05	60.90	0.85	3799.13
MW - 7	04/04/12	3859.31	60.06	60.82	0.76	3799.14
MW - 7	04/11/12	3859.31	60.09	60.76	0.67	3799.12
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

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	05/24/13	3859.31	60.65	60.77	0.12	3798.64
MW - 7	05/30/13	3859.31	60.66	60.73	0.07	3798.64
MW - 7	06/06/13	3859.31	60.67	60.74	0.07	3798.63
MW - 7	06/14/13	3859.31	60.68	60.73	0.05	3798.62
MW - 7	06/20/13	3859.31	60.69	60.72	0.03	3798.62
MW - 7	06/27/13	3859.31	60.67	60.72	0.05	3798.63
MW - 7	07/03/13	3859.31	60.70	60.76	0.06	3798.60
MW - 7	07/10/13	3859.31	60.71	60.76	0.05	3798.59
MW - 7	07/25/13	3859.31	60.71	60.78	0.07	3798.59
MW - 7	07/31/13	3859.31	60.70	60.78	0.08	3798.60
MW - 7	08/20/13	3859.31	60.73	60.79	0.06	3798.57
MW - 7	08/29/13	3859.31	60.70	60.80	0.10	3798.60
MW - 7	09/09/13	3859.31	60.75	60.86	0.11	3798.54
MW - 7	09/18/13	3859.31	60.76	60.83	0.07	3798.54
MW - 7	09/27/13	3859.31	60.77	60.83	0.06	3798.53
MW - 7	10/02/13	3859.31	60.79	60.85	0.06	3798.51
MW - 7	10/08/13	3859.31	60.75	60.81	0.06	3798.55
MW - 7	10/16/13	3859.31	60.78	60.83	0.05	3798.52
MW - 7	10/24/13	3859.31	60.75	60.81	0.06	3798.55
MW - 7	10/31/13	3859.31	60.76	60.81	0.05	3798.54
MW - 7	11/11/13	3859.31	60.77	60.85	0.08	3798.53
MW - 7	12/11/13	3859.31	60.82	60.93	0.11	3798.47
MW - 7	12/17/13	3859.31	60.84	60.96	0.12	3798.45
MW - 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

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	05/30/14	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
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

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	07/22/15	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
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

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	06/21/16	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
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

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	03/30/17	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
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

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	04/12/18	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
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

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	02/07/20	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
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 - 7	01/06/22	3859.31	64.87	65.32	0.45	3794.37
MW - 7	02/10/22	3859.31	64.70	66.37	1.67	3794.36
MW - 7	02/18/22	3859.31	64.62	66.54	1.92	3794.40
MW - 7	04/07/22	3859.31	64.75	66.40	1.65	3794.31
MW - 7	05/04/22	3859.31	64.95	65.53	0.58	3794.27
MW - 7	06/15/22	3859.31	64.92	66.23	1.31	3794.19

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 - 7	07/27/22	3859.31	64.96	66.50	1.54	3794.12
MW - 7	08/03/22	3859.31	65.07	66.00	0.93	3794.10
MW - 7	10/11/22	3859.31	64.85	67.92	3.07	3794.00
MW - 7	10/27/22	3859.31	65.12	66.45	1.33	3793.99
MW - 7	11/07/22	3859.31	65.10	66.62	1.52	3793.98
MW - 7	11/23/22	3859.31	65.20	66.20	1.00	3793.96
MW - 7	02/09/23	3859.31	65.17	67.27	2.10	3793.83
MW - 7	05/09/23	3859.31	65.52	65.80	0.28	3793.75
MW - 7	08/22/23	3859.31	65.26	68.40	3.14	3793.58
MW - 7	09/01/23	3859.31	65.28	68.58	3.30	3793.54
MW - 7	11/01/23	3859.31	65.35	68.34	2.99	3793.51
MW - 9	03/24/00	3861.88	-	56.34	0.00	3805.54
MW - 9	06/14/00	3861.88	-	56.88	0.00	3805.00
MW - 9	09/22/00	3861.88	-	55.86	0.00	3806.02
MW - 9	12/28/00	3861.88	-	56.02	0.00	3805.86
MW - 9	03/14/01	3861.88	-	56.14	0.00	3805.74
MW - 9	06/06/01	3861.88	-	56.30	0.00	3805.58
MW - 9	09/28/01	3861.88	-	56.38	0.00	3805.50
MW - 9	11/17/01	3861.88	-	57.23	0.00	3804.65
MW - 9	03/26/02	3861.88	-	56.95	0.00	3804.93
MW - 9	06/26/02	3861.88	-	56.84	0.00	3805.04
MW - 9	09/25/02	3861.88	-	57.07	0.00	3804.81
MW - 9	12/10/02	3861.88	-	57.07	0.00	3804.81
MW - 9	03/10/03	3861.88	-	57.09	0.00	3804.79
MW - 9	06/09/03	3861.88	-	57.25	0.00	3804.63
MW - 9	09/03/03	3861.88	-	57.35	0.00	3804.53
MW - 9	12/08/03	3861.88	-	57.48	0.00	3804.40
MW - 9	03/01/04	3861.88	-	57.65	0.00	3804.23
MW - 9	05/19/04	3861.88	-	57.55	0.00	3804.33
MW - 9	08/26/04	3861.88	-	57.70	0.00	3804.18
MW - 9	12/09/04	3861.88	-	56.10	0.00	3805.78
MW - 9	03/17/05	3861.88	-	56.15	0.00	3805.73
MW - 9	06/15/05	3861.88	-	56.54	0.00	3805.34
MW - 9	09/15/05	3861.88	-	56.98	0.00	3804.90
MW - 9	12/13/05	3861.88	-	57.20	0.00	3804.68
MW - 9	03/15/06	3861.88	-	57.45	0.00	3804.43
MW - 9	06/14/06	3861.88	-	57.67	0.00	3804.21
MW - 9	09/13/06	3861.88	-	57.79	0.00	3804.09
MW - 9	12/06/60	3861.88	-	58.00	0.00	3803.88

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 - 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
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

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	06/20/12	3861.88	-	59.70	0.00	3802.18
MW - 9	06/27/12	3861.88	-	59.69	0.00	3802.19
MW - 9	07/11/12	3861.88	-	59.76	0.00	3802.12
MW - 9	08/10/12	3861.88	-	59.97	0.00	3801.91
MW - 9	09/06/12	3861.88	-	59.77	0.00	3802.11
MW - 9	10/04/12	3861.88	-	59.95	0.00	3801.93
MW - 9	10/12/12	3861.88	-	59.93	0.00	3801.95
MW - 9	10/18/12	3861.88	-	59.96	0.00	3801.92
MW - 9	10/25/12	3861.88	-	59.95	0.00	3801.93
MW - 9	10/31/12	3861.88	-	59.96	0.00	3801.92
MW - 9	11/15/12	3861.88	-	59.98	0.00	3801.90
MW - 9	11/27/12	3861.88	-	59.99	0.00	3801.89
MW - 9	12/19/12	3861.88	-	60.04	0.00	3801.84
MW - 9	01/17/13	3861.88	-	59.95	0.00	3801.93
MW - 9	01/31/13	3861.88	-	60.03	0.00	3801.85
MW - 9	02/21/13	3861.88	-	60.12	0.00	3801.76
MW - 9	03/05/13	3861.88	-	60.20	0.00	3801.68
MW - 9	03/21/13	3861.88	-	60.03	0.00	3801.85
MW - 9	04/04/13	3861.88	-	60.12	0.00	3801.76
MW - 9	04/11/13	3861.88	-	60.10	0.00	3801.78
MW - 9	04/18/13	3861.88	-	60.19	0.00	3801.69
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

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	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
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

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	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
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

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	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
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

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	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
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

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	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
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 - 9	02/10/22	3861.88	-	64.09	0.00	3797.79
MW - 9	03/09/22	3861.88	-	63.94	0.00	3797.94
MW - 9	05/03/22	3861.88	-	64.20	0.00	3797.68
MW - 9	08/03/22	3861.88	-	64.31	0.00	3797.57
MW - 9	10/27/22	3861.88	-	64.42	0.00	3797.46
MW - 9	02/09/23	3861.88	-	64.53	0.00	3797.35
MW - 9	05/09/23	3861.88	-	64.74	0.00	3797.14
MW - 9	08/23/23	3861.88	-	64.84	0.00	3797.04
MW - 9	11/01/23	3861.88	-	64.88	0.00	3797.00
MW - 10	03/24/00	3860.58	-	58.68	0.00	3801.90

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 - 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
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

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	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
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

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	12/14/16	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
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 - 10	02/10/22	3860.58	-	66.36	0.00	3794.22
MW - 10	05/04/22	3860.58	-	66.50	0.00	3794.08
MW - 10	08/02/22	3860.58	-	66.64	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 - 10	10/28/22	3860.58	-	66.77	0.00	3793.81
MW - 10	02/08/23	3860.58	-	66.89	0.00	3793.69
MW - 10	05/08/23	3860.58	-	67.07	0.00	3793.51
MW - 10	08/24/23	3860.58	67.18	67.21	0.03	3793.40
MW - 10	11/01/23	3860.58	67.19	67.79	0.60	3793.30
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
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

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	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
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

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	08/10/12	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
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

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	10/24/13	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
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

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	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
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

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	12/03/15	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
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

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	10/27/16	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
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

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	07/26/17	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
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

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	03/20/18	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
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

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	08/27/18	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
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

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	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
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

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	10/17/19	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
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

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	06/23/21	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-11	01/06/22	3860.00	65.68	66.08	0.40	3794.26
MW-11	02/10/22	3860.00	65.57	66.72	1.15	3794.26
MW-11	02/18/22	3860.00	65.53	66.85	1.32	3794.27
MW-11	03/10/22	3860.00	65.61	66.60	0.99	3794.24
MW-11	04/07/22	3860.00	65.64	66.75	1.11	3794.19
MW-11	05/03/22	3860.00	65.70	66.60	0.90	3794.17
MW-11	06/15/22	3860.00	65.74	67.13	1.39	3794.05
MW-11	07/27/22	3860.00	65.92	66.40	0.48	3794.01
MW-11	08/03/22	3860.00	-	66.68	0.00	3793.32
MW-11	09/30/22	3860.00	65.89	67.38	1.49	3793.89
MW-11	10/11/22	3860.00	65.97	66.55	0.58	3793.94
MW-11	10/27/22	3860.00	66.00	66.77	0.77	3793.88
MW-11	11/07/22	3860.00	66.04	66.53	0.49	3793.89
MW-11	11/23/22	3860.00	66.05	66.72	0.67	3793.85
MW-11	12/23/22	3860.00	66.07	67.00	0.93	3793.79
MW-11	01/19/23	3860.00	66.09	67.05	0.96	3793.77
MW-11	02/09/23	3860.00	66.18	66.88	0.70	3793.72
MW-11	04/25/23	3860.00	66.22	67.80	1.58	3793.54
MW-11	05/09/23	3860.00	66.33	66.66	0.33	3793.62
MW-11	07/18/23	3860.00	66.39	67.41	1.02	3793.46
MW-11	08/23/23	3860.00	66.41	67.14	0.73	3793.48
MW-11	11/01/23	3860.00	66.43	67.56	1.13	3793.40
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

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	03/14/01	3863.10	-	58.28	0.00	3804.82
MW - 12	06/06/01	3863.10	-	58.47	0.00	3804.63
MW - 12	09/28/01	3863.10	-	58.53	0.00	3804.57
MW - 12	11/17/01	3863.10	-	58.84	0.00	3804.26
MW - 12	03/26/02	3863.10	-	59.04	0.00	3804.06
MW - 12	06/26/02	3863.10	-	59.12	0.00	3803.98
MW - 12	09/25/02	3863.10	-	59.29	0.00	3803.81
MW - 12	12/09/02	3863.10	-	59.30	0.00	3803.80
MW - 12	03/10/03	3863.10	-	59.35	0.00	3803.75
MW - 12	06/09/03	3863.10	-	59.41	0.00	3803.69
MW - 12	09/03/03	3863.10	-	59.53	0.00	3803.57
MW - 12	12/08/03	3863.10	-	59.67	0.00	3803.43
MW - 12	03/01/04	3863.10	-	59.82	0.00	3803.28
MW - 12	05/19/04	3863.10	-	59.45	0.00	3803.65
MW - 12	08/26/04	3863.10	-	59.84	0.00	3803.26
MW - 12	12/09/04	3863.10	-	57.85	0.00	3805.25
MW - 12	03/17/05	3863.10	-	58.32	0.00	3804.78
MW - 12	06/15/05	3863.10	-	58.71	0.00	3804.39
MW - 12	09/14/05	3863.10	-	59.04	0.00	3804.06
MW - 12	12/13/05	3863.10	-	59.36	0.00	3803.74
MW - 12	03/15/06	3863.10	-	59.53	0.00	3803.57
MW - 12	06/14/06	3863.10	-	59.86	0.00	3803.24
MW - 12	09/13/06	3863.10	-	59.96	0.00	3803.14
MW - 12	12/06/06	3863.10	-	60.08	0.00	3803.02
MW - 12	03/01/07	3863.10	-	60.16	0.00	3802.94
MW - 12	05/24/07	3863.10	-	60.27	0.00	3802.83
MW - 12	08/23/07	3863.10	-	60.34	0.00	3802.76
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

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	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
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

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	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
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-12	02/09/22	3863.10	-	66.21	0.00	3796.89
MW-12	05/02/22	3863.10	-	66.32	0.00	3796.78
MW-12	08/02/22	3863.10	-	66.45	0.00	3796.65
MW-12	10/26/22	3863.10	-	66.56	0.00	3796.54
MW-12	02/08/23	3863.10	-	66.68	0.00	3796.42
MW-12	05/08/23	3863.10	-	66.85	0.00	3796.25
MW-12	08/22/23	3863.10	-	67.00	0.00	3796.10
MW-12	10/31/23	3863.10	-	67.04	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 - 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
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

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	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
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

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	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
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 - 13	02/09/22	3862.44	-	64.69	0.00	3797.75
MW - 13	05/02/22	3862.44	-	64.77	0.00	3797.67
MW - 13	08/01/22	3862.44	-	64.89	0.00	3797.55
MW - 13	10/26/22	3862.44	-	64.99	0.00	3797.45
MW - 13	02/08/23	3862.44	-	65.12	0.00	3797.32
MW - 13	05/08/23	3862.44	-	65.30	0.00	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 - 13	08/22/23	3862.44	-	65.44	0.00	3797.00
MW - 13	10/31/23	3862.44	-	65.42	0.00	3797.02
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
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

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	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
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

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	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
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

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	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
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

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	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
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

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	07/08/15	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
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

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	06/08/16	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
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

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	06/09/17	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
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

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	06/23/21	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 - 14	02/10/22	3862.95	-	65.65	0.00	3797.30
MW - 14	03/09/22	3862.95	-	65.66	0.00	3797.29
MW - 14	05/03/22	3862.95	-	65.77	0.00	3797.18
MW - 14	08/03/22	3862.95	-	65.91	0.00	3797.04
MW - 14	10/27/22	3862.95	-	66.02	0.00	3796.93
MW - 14	02/09/23	3862.95	-	66.18	0.00	3796.77
MW - 14	05/09/23	3862.95	-	66.30	0.00	3796.65
MW - 14	08/23/23	3862.95	-	66.47	0.00	3796.48
MW - 14	11/01/23	3862.95	-	66.41	0.00	3796.54
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

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	06/14/06	3861.70	-	58.55	0.00	3803.15
MW - 15	09/13/06	3861.70	-	58.66	0.00	3803.04
MW - 15	12/05/06	3861.70	-	58.73	0.00	3802.97
MW - 15	03/01/07	3861.70	-	58.84	0.00	3802.86
MW - 15	05/24/07	3861.70	-	58.96	0.00	3802.74
MW - 15	08/23/07	3861.70	-	59.00	0.00	3802.70
MW - 15	11/08/07	3861.70	-	59.06	0.00	3802.64
MW - 15	03/04/08	3861.70	-	59.17	0.00	3802.53
MW - 15	06/11/08	3861.70	-	59.27	0.00	3802.43
MW - 15	09/09/08	3861.70	-	59.40	0.00	3802.30
MW - 15	12/11/08	3861.70	-	59.63	0.00	3802.07
MW - 15	02/26/09	3861.70	-	59.38	0.00	3802.32
MW - 15	05/21/09	3861.70	-	61.34	0.00	3800.36
MW - 15	08/18/09	3861.70	-	59.71	0.00	3801.99
MW - 15	12/09/09	3861.70	-	59.79	0.00	3801.91
MW - 15	01/06/10	3861.70	-	59.80	0.00	3801.90
MW - 15	02/22/10	3861.70	-	59.84	0.00	3801.86
MW - 15	06/04/10	3861.70	-	59.96	0.00	3801.74
MW - 15	08/26/10	3861.70	-	59.94	0.00	3801.76
MW - 15	11/30/10	3861.70	-	59.88	0.00	3801.82
MW - 15	03/08/11	3861.70	-	58.89	0.00	3802.81
MW - 15	05/25/11	3861.70	-	59.88	0.00	3801.82
MW - 15	08/18/11	3861.70	-	60.25	0.00	3801.45
MW - 15	11/15/11	3861.70	-	60.18	0.00	3801.52
MW - 15	02/29/12	3861.70	-	60.31	0.00	3801.39
MW - 15	05/01/12	3861.70	-	60.42	0.00	3801.28
MW - 15	08/10/12	3861.70	-	60.77	0.00	3800.93
MW - 15	11/27/12	3861.70	-	60.89	0.00	3800.81
MW - 15	02/21/13	3861.70	-	60.76	0.00	3800.94
MW - 15	05/15/13	3861.70	-	60.84	0.00	3800.86
MW - 15	08/21/13	3861.70	-	60.93	0.00	3800.77
MW - 15	11/11/13	3861.70	-	61.02	0.00	3800.68
MW - 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

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	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
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

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	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
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 - 15	02/09/22	3861.70	-	64.75	0.00	3796.95
MW - 15	05/02/22	3861.70	-	64.88	0.00	3796.82
MW - 15	08/02/22	3861.70	-	64.97	0.00	3796.73
MW - 15	10/26/22	3861.70	-	65.13	0.00	3796.57
MW - 15	02/08/23	3861.70	-	65.27	0.00	3796.43
MW - 15	05/08/23	3861.70	-	65.38	0.00	3796.32
MW - 15	08/22/23	3861.70	-	65.51	0.00	3796.19
MW - 15	10/31/23	3861.70	-	65.49	0.00	3796.21
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

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	03/17/05	3863.15	-	56.88	0.00	3806.27
MW - 16	06/15/05	3863.15	-	57.16	0.00	3805.99
MW - 16	09/15/05	3863.15	-	57.58	0.00	3805.57
MW - 16	12/13/05	3863.15	-	57.81	0.00	3805.34
MW - 16	03/15/06	3863.15	-	58.07	0.00	3805.08
MW - 16	06/14/06	3863.15	-	58.24	0.00	3804.91
MW - 16	09/13/06	3863.15	-	58.36	0.00	3804.79
MW - 16	12/06/06	3863.15	-	58.54	0.00	3804.61
MW - 16	03/01/07	3863.15	-	58.57	0.00	3804.58
MW - 16	05/24/07	3863.15	-	58.69	0.00	3804.46
MW - 16	08/23/07	3863.15	-	58.72	0.00	3804.43
MW - 16	11/08/07	3863.15	-	58.79	0.00	3804.36
MW - 16	03/04/08	3863.15	-	58.90	0.00	3804.25
MW - 16	06/11/08	3863.15	-	59.01	0.00	3804.14
MW - 16	09/09/08	3863.15	-	58.29	0.00	3804.86
MW - 16	12/11/08	3863.15	-	59.29	0.00	3803.86
MW - 16	02/26/09	3863.15	-	59.39	0.00	3803.76
MW - 16	05/21/09	3863.15	-	59.48	0.00	3803.67
MW - 16	08/18/09	3863.15	-	59.51	0.00	3803.64
MW - 16	12/10/09	3863.15	-	59.59	0.00	3803.56
MW - 16	01/06/10	3863.15	-	59.57	0.00	3803.58
MW - 16	02/22/10	3863.15	-	59.65	0.00	3803.50
MW - 16	06/04/10	3863.15	-	59.79	0.00	3803.36
MW - 16	08/26/10	3863.15	-	59.81	0.00	3803.34
MW - 16	11/30/10	3863.15	-	59.58	0.00	3803.57
MW - 16	03/08/11	3863.15	-	59.57	0.00	3803.58
MW - 16	05/25/11	3863.15	-	59.59	0.00	3803.56
MW - 16	08/18/11	3863.15	-	60.00	0.00	3803.15
MW - 16	11/15/11	3863.15	-	60.02	0.00	3803.13
MW - 16	02/29/12	3863.15	-	60.17	0.00	3802.98
MW - 16	05/01/12	3863.15	-	60.23	0.00	3802.92
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

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	07/29/14	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
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		

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	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		
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 - 16	02/10/22	3863.15	-	Dry	0.00	Dry
MW - 16	05/03/22	3863.15	-	63.11	0.00	Dry
MW - 16	08/02/22	3863.15	-	Dry	0.00	Dry
MW - 16	10/26/22	3863.15	-	Dry	0.00	Dry
MW - 16	02/08/23	3863.15	-	Dry	0.00	Dry
MW - 16	05/09/23	3863.15	-	Dry	0.00	Dry
MW - 16	08/24/23	3863.15	-	Dry	0.00	Dry
MW - 16	10/31/23	3863.15	-	Dry	0.00	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

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	12/08/03	3859.17	-	60.81	0.00	3798.36
MW - 17	03/01/04	3859.17	-	60.93	0.00	3798.24
MW - 17	05/19/04	3859.17	-	60.98	0.00	3798.19
MW - 17	08/26/04	3859.17	-	61.07	0.00	3798.10
MW - 17	12/09/04	3859.17	-	60.58	0.00	3798.59
MW - 17	03/17/05	3859.17	-	60.23	0.00	3798.94
MW - 17	06/15/05	3859.17	-	60.27	0.00	3798.90
MW - 17	09/14/05	3859.17	-	60.42	0.00	3798.75
MW - 17	12/13/05	3859.17	-	60.60	0.00	3798.57
MW - 17	03/15/06	3859.17	-	60.81	0.00	3798.36
MW - 17	06/14/06	3859.17	-	60.98	0.00	3798.19
MW - 17	09/13/06	3859.17	-	61.06	0.00	3798.11
MW - 17	12/06/06	3859.17	-	61.13	0.00	3798.04
MW - 17	03/01/07	3859.17	-	61.17	0.00	3798.00
MW - 17	05/24/07	3859.17	-	61.22	0.00	3797.95
MW - 17	08/23/07	3859.17	-	61.27	0.00	3797.90
MW - 17	11/08/07	3859.17	-	61.36	0.00	3797.81
MW - 17	03/04/08	3859.17	-	61.44	0.00	3797.73
MW - 17	06/11/08	3859.17	-	61.52	0.00	3797.65
MW - 17	09/09/08	3859.17	-	61.60	0.00	3797.57
MW - 17	12/11/08	3859.17	-	61.89	0.00	3797.28
MW - 17	02/26/09	3859.17	-	61.77	0.00	3797.40
MW - 17	05/21/09	3859.17	-	61.82	0.00	3797.35
MW - 17	08/18/09	3859.17	-	61.88	0.00	3797.29
MW - 17	12/10/09	3859.17	-	61.94	0.00	3797.23
MW - 17	01/06/10	3859.17	-	61.97	0.00	3797.20
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

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	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
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

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	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
MW - 17	12/14/21	3859.17	-	-	0.00	Dry
MW - 17	02/10/22	3859.17	-	66.65	0.00	3792.52
MW - 17	05/02/22	3859.17	-	66.75	0.00	Dry
MW - 17	08/02/22	3859.17	-	66.85	0.00	3792.32
MW - 17	10/26/22	3859.17	-	66.95	0.00	3792.22
MW - 17	02/08/23	3859.17	-	67.05	0.00	3792.12
MW - 17	05/08/23	3859.17	-	67.14	0.00	3792.03
MW - 17	08/22/23	3859.17	-	67.30	0.00	3791.87
MW - 17	10/31/23	3859.17	-	67.34	0.00	3791.83
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

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	09/25/02	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
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

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	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
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

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	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		
MW - 18	02/10/22	3859.98	-	Dry	0.00	Dry
MW - 18	05/02/22	3859.98	-	Dry	0.00	Dry
MW - 18	08/02/22	3859.98	-	Dry	0.00	Dry
MW - 18	10/27/22	3859.98	-	Dry	0.00	Dry
MW - 18	02/08/23	3859.98	-	Dry	0.00	Dry
MW - 18	05/09/23	3859.98	-	Dry	0.00	Dry
MW - 18	08/24/23	3859.98	-	Dry	0.00	Dry
MW - 18	08/31/23	3859.98	-	Dry	0.00	Dry
MW - 18	11/01/23	3859.98	-	Dry	0.00	Dry
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

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	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
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

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	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
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

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	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 - 19	02/10/22	3862.30	-	Dry	0.00	Dry
MW - 19	05/02/22	3862.30	-	67.48	0.00	Dry
MW - 19	08/02/22	3862.30	-	Dry	0.00	Dry
MW - 19	10/27/22	3862.30	-	Dry	0.00	Dry
MW - 19	02/08/23	3862.30	-	Dry	0.00	Dry
MW - 19	05/09/23	3862.30	-	Dry	0.00	Dry
MW - 19	08/24/23	3862.30	-	Dry	0.00	Dry
MW - 19	10/31/23	3862.30	-	Dry	0.00	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 - 20	03/24/00	3861.30	-	59.13	0.00	3802.17
MW - 20	06/14/00	3861.30	-	59.54	0.00	3801.76
MW - 20	09/22/00	3861.30	-	58.84	0.00	3802.46
MW - 20	12/28/00	3861.30	-	59.01	0.00	3802.29
MW - 20	03/14/01	3861.30	-	59.11	0.00	3802.19
MW - 20	06/06/01	3861.30	-	59.20	0.00	3802.10
MW - 20	09/28/01	3861.30	-	59.34	0.00	3801.96
MW - 20	11/17/01	3861.30	-	59.53	0.00	3801.77
MW - 20	03/26/02	3861.30	-	59.80	0.00	3801.50
MW - 20	06/26/02	3861.30	-	59.75	0.00	3801.55
MW - 20	09/25/02	3861.30	-	59.91	0.00	3801.39
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

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	03/01/04	3862.30	-	60.51	0.00	3801.79
MW - 21	05/19/04	3862.30	-	60.35	0.00	3801.95
MW - 21	08/26/04	3862.30	-	60.59	0.00	3801.71
MW - 21	12/09/04	3862.30	-	59.23	0.00	3803.07
MW - 21	03/17/05	3862.30	-	59.33	0.00	3802.97
MW - 21	06/15/05	3862.30	-	59.63	0.00	3802.67
MW - 21	09/14/05	3862.30	-	59.88	0.00	3802.42
MW - 21	12/13/05	3862.30	-	60.17	0.00	3802.13
MW - 21	03/15/06	3862.30	-	60.37	0.00	3801.93
MW - 21	06/14/06	3862.30	-	60.56	0.00	3801.74
MW - 21	09/13/06	3862.30	-	60.69	0.00	3801.61
MW - 21	03/01/07	3862.30	-	60.87	0.00	3801.43
MW - 21	05/24/07	3862.30	-	60.96	0.00	3801.34
MW - 21	08/23/07	3862.30	-	61.04	0.00	3801.26
MW - 21	11/08/07	3862.30	-	61.10	0.00	3801.20
MW - 21	03/04/08	3862.30	-	61.20	0.00	3801.10
MW - 21	06/11/08	3862.30	-	61.28	0.00	3801.02
MW - 21	09/09/08	3862.30	-	61.43	0.00	3800.87
MW - 21	12/11/08	3862.30	-	61.54	0.00	3800.76
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

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	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
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

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	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
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 - 21	02/10/22	3862.30	-	Dry	0.00	Dry
MW - 21	05/02/22	3862.30	-	Dry	0.00	Dry
MW - 21	08/02/22	3862.30	-	Dry	0.00	Dry
MW - 21	10/27/22	3862.30	-	Dry	0.00	Dry
MW - 21	02/08/23	3862.30	-	Dry	0.00	Dry
MW - 21	05/09/23	3862.30	-	Dry	0.00	Dry
MW - 21	08/24/23	3862.30	-	Dry	0.00	Dry
MW - 21	10/31/23	3862.30	-	Dry	0.00	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

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 - 22	03/10/03	3864.01	-	58.39	0.00	3805.62
MW - 22	06/09/03	3864.01	-	58.53	0.00	3805.48
MW - 22	09/03/03	3864.01	-	58.65	0.00	3805.36
MW - 22	12/08/03	3864.01	-	58.75	0.00	3805.26
MW - 22	03/01/04	3864.01	-	58.90	0.00	3805.11
MW - 22	05/19/04	3864.01	-	58.81	0.00	3805.20
MW - 22	08/26/04	3864.01	-	59.00	0.00	3805.01
MW - 22	12/09/04	3864.01	-	57.70	0.00	3806.31
MW - 22	03/17/05	3864.01	-	57.60	0.00	3806.41
MW - 22	06/15/05	3864.01	-	57.92	0.00	3806.09
MW - 22	09/14/05	PLUGGED & ABANDONED				
MW - 23	03/24/00	3862.44	-	56.34	0.00	3806.10
MW - 23	06/14/00	3862.44	-	56.58	0.00	3805.86
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

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	03/01/07	3862.44	-	58.32	0.00	3804.12
MW - 23	05/24/07	3862.44	-	58.41	0.00	3804.03
MW - 23	08/23/07	3862.44	-	58.45	0.00	3803.99
MW - 23	11/08/07	3862.44	-	58.54	0.00	3803.90
MW - 23	03/04/08	3862.44	-	58.65	0.00	3803.79
MW - 23	06/11/08	3862.44	-	58.76	0.00	3803.68
MW - 23	09/09/08	3862.44	-	58.93	0.00	3803.51
MW - 23	12/11/08	3862.44	-	59.03	0.00	3803.41
MW - 23	02/26/09	3862.44	-	59.12	0.00	3803.32
MW - 23	05/21/09	3862.44	-	59.75	0.00	3802.69
MW - 23	08/18/09	3862.44	-	59.28	0.00	3803.16
MW - 23	12/09/09	3862.44	-	59.37	0.00	3803.07
MW - 23	01/06/10	3862.44	-	59.39	0.00	3803.05
MW - 23	02/22/10	3862.44	-	59.41	0.00	3803.03
MW - 23	06/04/10	3862.44	-	59.51	0.00	3802.93
MW - 23	08/26/10	3862.44	-	59.53	0.00	3802.91
MW - 23	11/30/10	3862.44	-	59.37	0.00	3803.07
MW - 23	03/08/11	3862.44	-	59.35	0.00	3803.09
MW - 23	05/25/11	3862.44	-	59.35	0.00	3803.09
MW - 23	08/18/11	3862.44	-	59.71	0.00	3802.73
MW - 23	11/15/11	3862.44	-	59.75	0.00	3802.69
MW - 23	02/29/12	3862.44	-	59.89	0.00	3802.55
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

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	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
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

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	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 - 23	02/09/22	3862.44	-	64.23	0.00	3798.21
MW - 23	05/02/22	3862.44	-	64.35	0.00	3798.09
MW - 23	08/01/22	3862.44	-	64.47	0.00	3797.97
MW - 23	10/26/22	3862.44	-	64.59	0.00	3797.85
MW - 23	02/07/23	3862.44	-	64.70	0.00	3797.74
MW - 23	05/08/23	3862.44	-	64.84	0.00	3797.60
MW - 23	08/22/23	3862.44	-	65.01	0.00	3797.43
MW - 23	10/31/23	3862.44	-	65.00	0.00	3797.44
MW - 24	03/24/00	3864.36	-	57.31	0.00	3807.05
MW - 24	06/14/00	3864.36	-	57.59	0.00	3806.77
MW - 24	09/22/00	3864.36	-	57.09	0.00	3807.27
MW - 24	12/28/00	3864.36	-	57.23	0.00	3807.13
MW - 24	03/14/01	3864.36	-	57.30	0.00	3807.06
MW - 24	06/06/01	3864.36	-	57.38	0.00	3806.98
MW - 24	09/28/01	3864.36	-	57.58	0.00	3806.78
MW - 24	11/17/01	3864.36	-	57.75	0.00	3806.61
MW - 24	03/26/02	3864.36	-	57.94	0.00	3806.42
MW - 24	06/26/02	3864.36	-	57.98	0.00	3806.38
MW - 24	09/25/02	3864.36	-	58.14	0.00	3806.22
MW - 24	12/09/02	3864.36	-	58.16	0.00	3806.20
MW - 24	03/10/03	3864.36	-	58.22	0.00	3806.14
MW - 24	06/09/03	3864.36	-	58.32	0.00	3806.04
MW - 24	09/03/03	3864.36	-	58.49	0.00	3805.87
MW - 24	12/08/03	3864.36	-	58.61	0.00	3805.75
MW - 24	03/01/04	3864.36	-	58.77	0.00	3805.59
MW - 24	05/19/04	3864.36	-	58.80	0.00	3805.56
MW - 24	08/26/04	3864.36	-	58.95	0.00	3805.41
MW - 24	12/09/04	3864.36	-	57.90	0.00	3806.46
MW - 24	03/17/05	3864.36	-	57.57	0.00	3806.79
MW - 24	06/15/05	3864.36	-	57.80	0.00	3806.56
MW - 24	09/15/05	3864.36	-	58.18	0.00	3806.18
MW - 24	12/13/05	3864.36	-	58.47	0.00	3805.89

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	03/15/06	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
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

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	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
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

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	03/18/20	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 - 24	02/09/22	3864.36	-	65.28	0.00	3799.08
MW - 24	05/04/22	3864.36	-	65.42	0.00	3798.94
MW - 24	08/01/22	3864.36	-	Dry	0.00	Dry
MW - 24	10/26/22	3864.36	-	65.62	0.00	3798.74
MW - 24	02/07/23	3864.36	-	65.71	0.00	3798.65
MW - 24	05/08/23	3864.36	-	65.93	0.00	3798.43
MW - 24	08/22/23	3864.36	-	66.05	0.00	3798.31
MW - 24	10/31/23	3864.36	-	Dry	0.00	Dry
MW - 25	03/24/00	3864.16	-	56.08	0.00	3808.08
MW - 25	06/14/00	3864.16	-	56.28	0.00	3807.88
MW - 25	09/22/00	3864.16	-	55.93	0.00	3808.23
MW - 25	12/28/00	3864.16	-	56.05	0.00	3808.11
MW - 25	03/14/01	3864.16	-	56.12	0.00	3808.04
MW - 25	06/06/01	3864.16	-	56.28	0.00	3807.88
MW - 25	09/28/01	3864.16	-	56.37	0.00	3807.79
MW - 25	11/17/01	3864.16	-	56.51	0.00	3807.65
MW - 25	03/26/02	3864.16	-	56.74	0.00	3807.42
MW - 25	06/26/02	3864.16	-	56.79	0.00	3807.37
MW - 25	09/25/02	3864.16	-	56.96	0.00	3807.20
MW - 25	12/09/02	3864.16	-	57.01	0.00	3807.15
MW - 25	03/10/03	3864.16	-	57.09	0.00	3807.07
MW - 25	06/09/03	3864.16	-	57.23	0.00	3806.93
MW - 25	09/03/03	3864.16	-	57.37	0.00	3806.79
MW - 25	12/08/03	3864.16	-	57.47	0.00	3806.69
MW - 25	03/01/04	3864.16	-	57.30	0.00	3806.86
MW - 25	05/19/04	3864.16	-	57.66	0.00	3806.50

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	08/26/04	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
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

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	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
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

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	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-25	02/09/22	3864.16	-	64.20	0.00	3799.96
MW-25	05/02/22	3864.16	-	64.34	0.00	3799.82
MW-25	08/01/22	3864.16	-	64.43	0.00	3799.73
MW-25	10/26/22	3864.16	-	64.56	0.00	3799.60
MW-25	02/07/23	3864.16	-	64.67	0.00	3799.49
MW-25	05/08/23	3864.16	-	64.82	0.00	3799.34
MW-25	08/22/23	3864.16	-	64.95	0.00	3799.21
MW-25	10/31/23	3864.16	-	64.96	0.00	3799.20
MW - 26	06/14/00	3858.79	-	60.10	0.00	3798.69
MW - 26	09/22/00	3858.79	-	60.00	0.00	3798.79
MW - 26	12/28/00	3858.79	-	60.08	0.00	3798.71
MW - 26	03/14/01	3858.79	-	60.05	0.00	3798.74
MW - 26	06/06/01	3858.79	-	60.18	0.00	3798.61
MW - 26	09/28/01	3858.79	-	60.32	0.00	3798.47
MW - 26	11/17/01	3858.79	-	60.48	0.00	3798.31
MW - 26	03/26/02	3858.79	-	60.84	0.00	3797.95
MW - 26	06/26/02	3858.79	-	60.67	0.00	3798.12
MW - 26	09/25/02	3858.79	-	60.79	0.00	3798.00
MW - 26	12/10/02	3858.79	-	60.85	0.00	3797.94
MW - 26	03/10/03	3858.79	-	60.95	0.00	3797.84
MW - 26	06/09/03	3858.79	-	61.05	0.00	3797.74

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	09/03/03	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
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

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	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
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

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	05/30/13	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
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

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	06/18/14	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
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

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	07/29/15	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
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

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	06/30/16	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
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

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	07/23/17	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
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

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	02/10/22	3858.79	-	67.62	0.00	3791.17
MW - 26	05/04/22	3858.79	-	67.75	0.00	3791.04
MW - 26	08/02/22	3858.79	-	67.88	0.00	3790.91
MW - 26	10/28/22	3858.79	-	68.02	0.00	3790.77
MW - 26	02/08/23	3858.79	-	68.13	0.00	3790.66
MW - 26	05/09/23	3858.79	-	68.25	0.00	3790.54
MW - 26	08/24/23	3858.79	-	68.42	0.00	3790.37
MW - 26	10/31/23	3858.79	-	68.54	0.00	3790.25
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

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	06/26/02	3858.60	-	60.93	0.00	3797.67
MW - 28	09/25/02	3858.60	-	61.06	0.00	3797.54
MW - 28	12/10/02	3858.60	-	61.11	0.00	3797.49
MW - 28	03/10/03	3858.60	-	61.21	0.00	3797.39
MW - 28	06/09/03	3858.60	-	61.30	0.00	3797.30
MW - 28	09/03/03	3858.60	-	61.39	0.00	3797.21
MW - 28	12/08/03	3858.60	-	61.52	0.00	3797.08
MW - 28	03/01/04	3858.60	-	61.61	0.00	3796.99
MW - 28	05/19/04	3858.60	-	61.67	0.00	3796.93
MW - 28	08/26/04	3858.60	-	61.75	0.00	3796.85
MW - 28	12/09/04	3858.60	-	60.97	0.00	3797.63
MW - 28	03/17/05	3858.60	-	60.85	0.00	3797.75
MW - 28	06/15/05	3858.60	-	60.95	0.00	3797.65
MW - 28	09/14/05	3858.60	-	61.08	0.00	3797.52
MW - 28	12/13/05	3858.60	-	61.30	0.00	3797.30
MW - 28	03/15/06	3858.60	-	61.45	0.00	3797.15
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

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	05/25/11	3858.60	-	62.58	0.00	3796.02
MW - 28	08/19/11	3858.60	-	62.95	0.00	3795.65
MW - 28	11/15/11	3858.60	-	62.93	0.00	3795.67
MW - 28	11/30/11	3858.60	-	62.96	0.00	3795.64
MW - 28	01/24/12	3858.60	-	63.04	0.00	3795.56
MW - 28	01/31/12	3858.60	-	63.05	0.00	3795.55
MW - 28	02/08/12	3858.60	-	63.05	0.00	3795.55
MW - 28	02/29/12	3858.60	-	63.09	0.00	3795.51
MW - 28	03/09/12	3858.60	-	63.14	0.00	3795.46
MW - 28	03/16/12	3858.60	-	63.13	0.00	3795.47
MW - 28	03/21/12	3858.60	-	63.14	0.00	3795.46
MW - 28	03/28/12	3858.60	-	63.13	0.00	3795.47
MW - 28	04/04/12	3858.60	-	63.15	0.00	3795.45
MW - 28	04/11/12	3858.60	-	63.16	0.00	3795.44
MW - 28	04/18/12	3858.60	-	63.18	0.00	3795.42
MW - 28	04/25/12	3858.60	-	63.18	0.00	3795.42
MW - 28	05/01/12	3858.60	-	63.19	0.00	3795.41
MW - 28	05/09/12	3858.60	-	63.18	0.00	3795.42
MW - 28	06/07/12	3858.60	-	63.23	0.00	3795.37
MW - 28	06/20/12	3858.60	-	63.26	0.00	3795.34
MW - 28	06/27/12	3858.60	-	63.27	0.00	3795.33
MW - 28	07/11/12	3858.60	-	63.31	0.00	3795.29
MW - 28	08/10/12	3858.60	-	63.55	0.00	3795.05
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

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	04/25/13	3858.60	-	63.64	0.00	3794.96
MW - 28	05/01/13	3858.60	-	63.63	0.00	3794.97
MW - 28	05/10/13	3858.60	-	63.63	0.00	3794.97
MW - 28	05/15/13	3858.60	-	63.61	0.00	3794.99
MW - 28	05/24/13	3858.60	-	63.50	0.00	3795.10
MW - 28	05/30/13	3858.60	-	63.64	0.00	3794.96
MW - 28	06/06/13	3858.60	-	63.67	0.00	3794.93
MW - 28	06/14/13	3858.60	-	63.66	0.00	3794.94
MW - 28	06/20/13	3858.60	-	63.67	0.00	3794.93
MW - 28	06/27/13	3858.60	-	63.65	0.00	3794.95
MW - 28	07/03/13	3858.60	-	64.67	0.00	3793.93
MW - 28	07/10/13	3858.60	-	63.39	0.00	3795.21
MW - 28	07/25/13	3858.60	-	63.69	0.00	3794.91
MW - 28	07/31/13	3858.60	-	63.68	0.00	3794.92
MW - 28	08/21/13	3858.60	-	63.66	0.00	3794.94
MW - 28	08/29/13	3858.60	-	63.70	0.00	3794.90
MW - 28	09/09/13	3858.60	-	63.83	0.00	3794.77
MW - 28	09/18/13	3858.60	-	63.81	0.00	3794.79
MW - 28	09/27/13	3858.60	-	63.82	0.00	3794.78
MW - 28	10/02/13	3858.60	-	63.79	0.00	3794.81
MW - 28	10/08/13	3858.60	-	63.81	0.00	3794.79
MW - 28	10/16/13	3858.60	-	63.84	0.00	3794.76
MW - 28	10/24/13	3858.60	-	63.71	0.00	3794.89
MW - 28	10/31/13	3858.60	-	63.72	0.00	3794.88
MW - 28	11/11/13	3858.60	-	63.73	0.00	3794.87
MW - 28	12/11/13	3858.60	-	63.78	0.00	3794.82
MW - 28	12/17/13	3858.60	-	63.79	0.00	3794.81
MW - 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

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	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
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

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	06/25/15	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
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

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	05/05/16	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
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

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	05/26/17	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
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

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	01/28/21	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 - 28	02/10/22	3858.60	-	67.82	0.00	3790.78
MW - 28	05/04/22	3858.60	-	67.97	0.00	3790.63
MW - 28	08/02/22	3858.60	-	67.99	0.00	3790.61
MW - 28	10/28/22	3858.60	-	68.22	0.00	3790.38
MW - 28	02/08/23	3858.60	-	68.40	0.00	3790.20
MW - 28	05/09/23	3858.60	-	68.47	0.00	3790.13
MW - 28	08/24/23	3858.60	-	68.61	0.00	3789.99
MW - 28	10/31/23	3858.60	-	68.62	0.00	3789.98
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

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	03/04/08	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
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

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	07/11/12	3858.54	-	63.76	0.00	3794.78
MW - 29	08/10/12	3858.54	-	63.99	0.00	3794.55
MW - 29	09/06/12	3858.54	-	63.80	0.00	3794.74
MW - 29	10/04/12	3858.54	-	63.91	0.00	3794.63
MW - 29	10/12/12	3858.54	-	63.92	0.00	3794.62
MW - 29	10/18/12	3858.54	-	63.93	0.00	3794.61
MW - 29	10/25/12	3858.54	-	63.92	0.00	3794.62
MW - 29	10/31/12	3858.54	-	63.90	0.00	3794.64
MW - 29	11/15/12	3858.54	-	63.92	0.00	3794.62
MW - 29	11/27/12	3858.54	-	63.91	0.00	3794.63
MW - 29	12/19/12	3858.54	-	63.97	0.00	3794.57
MW - 29	01/17/13	3858.54	-	63.99	0.00	3794.55
MW - 29	01/31/13	3858.54	-	64.01	0.00	3794.53
MW - 29	02/21/13	3858.54	-	64.00	0.00	3794.54
MW - 29	03/05/13	3858.54	-	64.05	0.00	3794.49
MW - 29	03/21/13	3858.54	-	64.01	0.00	3794.53
MW - 29	04/04/13	3858.54	-	64.06	0.00	3794.48
MW - 29	04/11/13	3858.54	-	64.05	0.00	3794.49
MW - 29	04/18/13	3858.54	-	64.09	0.00	3794.45
MW - 29	04/25/13	3858.54	-	64.08	0.00	3794.46
MW - 29	05/01/13	3858.54	-	64.08	0.00	3794.46
MW - 29	05/10/13	3858.54	-	64.07	0.00	3794.47
MW - 29	05/15/13	3858.54	-	64.06	0.00	3794.48
MW - 29	05/24/13	3858.54	-	64.10	0.00	3794.44
MW - 29	05/30/13	3858.54	-	64.09	0.00	3794.45
MW - 29	06/06/13	3858.54	-	64.10	0.00	3794.44
MW - 29	06/14/13	3858.54	-	64.11	0.00	3794.43
MW - 29	06/20/13	3858.54	-	64.12	0.00	3794.42
MW - 29	06/27/13	3858.54	-	64.09	0.00	3794.45
MW - 29	07/03/13	3858.54	-	64.12	0.00	3794.42
MW - 29	07/10/13	3858.54	-	64.13	0.00	3794.41
MW - 29	07/25/13	3858.54	-	64.13	0.00	3794.41
MW - 29	07/31/13	3858.54	-	64.15	0.00	3794.39
MW - 29	08/21/13	3858.54	-	64.11	0.00	3794.43
MW - 29	08/29/13	3858.54	-	64.15	0.00	3794.39
MW - 29	09/09/13	3858.54	-	64.24	0.00	3794.30
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

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	10/16/13	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
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

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	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
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

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	10/27/15	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
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

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	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
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

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	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
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 - 29	02/09/22	3858.54	-	68.22	0.00	3790.32
MW - 29	05/02/22	3858.54	-	68.38	0.00	3790.16
MW - 29	08/01/22	3858.54	-	68.50	0.00	3790.04
MW - 29	10/28/22	3858.54	-	68.64	0.00	3789.90
MW - 29	02/07/23	3858.54	-	68.82	0.00	3789.72
MW - 29	05/08/23	3858.54	-	68.88	0.00	3789.66
MW - 29	08/23/23	3858.54	-	-	0.00	Dry
MW - 29	10/31/23	3858.54	-	69.01	0.00	3789.53
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

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	03/10/03	3858.35	-	60.08	0.00	3798.27
MW - 30	06/09/03	3858.35	-	60.17	0.00	3798.18
MW - 30	09/03/03	3858.35	-	60.28	0.00	3798.07
MW - 30	12/08/03	3858.35	-	60.41	0.00	3797.94
MW - 30	03/01/04	3858.35	-	60.49	0.00	3797.86
MW - 30	05/19/04	3858.35	-	60.63	0.00	3797.72
MW - 30	08/26/04	3858.35	-	60.65	0.00	3797.70
MW - 30	12/09/04	3858.35	-	60.05	0.00	3798.30
MW - 30	03/17/05	3858.35	-	59.75	0.00	3798.60
MW - 30	06/15/05	3858.35	-	59.82	0.00	3798.53
MW - 30	09/14/05	3858.35	-	60.93	0.00	3797.42
MW - 30	12/13/05	3858.35	-	60.16	0.00	3798.19
MW - 30	03/15/06	3858.35	-	60.32	0.00	3798.03
MW - 30	06/14/06	3858.35	-	60.46	0.00	3797.89
MW - 30	09/13/06	3858.35	-	60.57	0.00	3797.78
MW - 30	12/06/06	3858.35	-	60.66	0.00	3797.69
MW - 30	03/01/07	3858.35	-	60.64	0.00	3797.71
MW - 30	05/24/07	3858.35	-	60.74	0.00	3797.61
MW - 30	08/23/07	3858.35	-	60.80	0.00	3797.55
MW - 30	11/08/07	3858.35	-	60.86	0.00	3797.49
MW - 30	03/04/08	3858.35	-	60.97	0.00	3797.38
MW - 30	06/11/08	3858.35	-	61.00	0.00	3797.35
MW - 30	09/09/08	3858.35	-	61.09	0.00	3797.26
MW - 30	12/11/08	3858.35	-	61.18	0.00	3797.17
MW - 30	02/27/09	3858.35	-	61.23	0.00	3797.12
MW - 30	05/21/09	3858.35	-	61.30	0.00	3797.05
MW - 30	08/18/09	3858.35	-	61.38	0.00	3796.97
MW - 30	12/09/09	3858.35	-	61.44	0.00	3796.91
MW - 30	01/06/10	3858.35	-	61.46	0.00	3796.89
MW - 30	02/22/10	3858.35	-	61.52	0.00	3796.83
MW - 30	06/04/10	3858.35	-	61.56	0.00	3796.79
MW - 30	08/26/10	3858.35	-	61.57	0.00	3796.78
MW - 30	11/30/10	3858.35	-	61.43	0.00	3796.92
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

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	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
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

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	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		
MW - 30	12/15/21	3858.35	-	Dry		
MW - 30	02/10/22	3858.35	-	Dry	0.00	Dry
MW - 30	05/02/22	3858.35	-	Dry	0.00	Dry
MW - 30	08/02/22	3858.35	-	Dry	0.00	Dry
MW - 30	10/27/22	3858.35	-	Dry	0.00	Dry
MW - 30	02/08/23	3858.35	-	Dry	0.00	Dry
MW - 30	05/09/23	3858.35	-	Dry	0.00	Dry
MW - 30	08/24/23	3858.35	-	Dry	0.00	Dry
MW - 30	10/31/23	3858.35	-	Dry	0.00	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

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	05/19/04	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
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

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	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
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

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	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 - 31	02/09/22	3858.52	-	67.75	0.00	3790.77
MW - 31	05/02/22	3858.52	-	67.90	0.00	3790.62
MW - 31	08/01/22	3858.52	-	68.04	0.00	3790.48
MW - 31	10/27/22	3858.52	-	68.18	0.00	3790.34
MW - 31	02/07/23	3858.52	-	68.27	0.00	3790.25
MW - 31	05/08/23	3858.52	-	68.39	0.00	3790.13
MW - 31	08/22/23	3858.52	-	68.58	0.00	3789.94
MW - 31	10/31/23	3858.52	-	68.70	0.00	3789.82
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
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

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	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
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

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	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
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

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	10/31/13	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
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

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	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
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

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	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
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

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	12/09/16	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
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

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	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-32	02/10/22	3858.07	-	67.95	0.00	3790.12
MW-32	03/09/22	3858.07	-	68.01	0.00	3790.06
MW-32	05/03/22	3858.07	-	68.10	0.00	3789.97
MW-32	08/03/22	3858.07	-	68.23	0.00	3789.84
MW-32	10/27/22	3858.07	-	68.40	0.00	3789.67
MW-32	02/09/23	3858.07	-	68.51	0.00	3789.56
MW-32	05/09/23	3858.07	-	68.63	0.00	3789.44
MW-32	08/23/23	3858.07	-	68.83	0.00	3789.24
MW-32	11/01/23	3858.07	-	68.78	0.00	3789.29
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

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	06/15/05	3858.36	-	61.80	0.00	3796.56
MW-33	09/14/05	3858.36	-	61.95	0.00	3796.41
MW-33	12/13/05	3858.36	-	62.16	0.00	3796.20
MW-33	03/15/06	3858.36	-	62.32	0.00	3796.04
MW-33	06/14/06	3858.36	-	62.46	0.00	3795.90
MW-33	09/13/06	3858.36	-	62.54	0.00	3795.82
MW-33	12/05/06	3858.36	-	62.58	0.00	3795.78
MW-33	03/01/07	3858.36	-	62.64	0.00	3795.72
MW-33	05/24/07	3858.36	-	62.73	0.00	3795.63
MW-33	08/23/07	3858.36	-	62.78	0.00	3795.58
MW-33	11/08/07	3858.36	-	62.86	0.00	3795.50
MW-33	03/04/08	3858.36	-	62.97	0.00	3795.39
MW-33	06/11/08	3858.36	-	63.02	0.00	3795.34
MW-33	09/09/08	3858.36	-	63.10	0.00	3795.26
MW-33	12/11/08	3858.36	-	63.18	0.00	3795.18
MW-33	02/26/09	3858.36	-	63.23	0.00	3795.13
MW-33	05/21/09	3858.36	-	59.21	0.00	3799.15
MW-33	08/18/09	3858.36	-	63.33	0.00	3795.03
MW-33	12/09/09	3858.36	-	63.36	0.00	3795.00
MW-33	01/06/10	3858.36	-	63.34	0.00	3795.02
MW-33	02/22/10	3858.36	-	63.40	0.00	3794.96
MW-33	06/04/10	3858.36	-	63.45	0.00	3794.91
MW-33	08/26/10	3858.36	-	63.47	0.00	3794.89
MW-33	11/30/10	3858.36	-	63.35	0.00	3795.01
MW-33	03/08/11	3858.36	-	63.33	0.00	3795.03
MW-33	05/25/11	3858.36	-	63.32	0.00	3795.04
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

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	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
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

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	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
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-33	02/09/22	3858.36	-	68.48	0.00	3789.88
MW-33	05/02/22	3858.36	-	68.62	0.00	3789.74
MW-33	08/02/22	3858.36	-	68.76	0.00	3789.60
MW-33	10/26/22	3858.36	-	68.88	0.00	3789.48
MW-33	02/07/23	3858.36	-	69.08	0.00	3789.28
MW-33	05/08/23	3858.36	-	69.11	0.00	3789.25
MW-33	08/22/23	3858.36	-	69.28	0.00	3789.08
MW-33	10/31/23	3858.36	-	69.25	0.00	3789.11
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

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	02/22/10	3857.91	-	63.34	0.00	3794.57
MW-34	05/06/10	3857.91	-	63.46	0.00	3794.45
MW-34	05/13/10	3857.91	-	63.47	0.00	3794.44
MW-34	05/19/10	3857.91	-	63.46	0.00	3794.45
MW-34	06/04/10	3857.91	-	63.38	0.00	3794.53
MW-34	08/26/10	3857.91	-	63.39	0.00	3794.52
MW-34	11/30/10	3857.91	-	63.33	0.00	3794.58
MW-34	03/08/11	3857.91	-	63.34	0.00	3794.57
MW-34	05/25/11	3857.91	-	63.33	0.00	3794.58
MW-34	08/18/11	3857.91	-	63.71	0.00	3794.20
MW-34	11/15/11	3857.91	-	63.63	0.00	3794.28
MW-34	02/29/12	3857.91	-	63.83	0.00	3794.08
MW-34	05/01/12	3857.91	-	63.93	0.00	3793.98
MW-34	08/10/12	3857.91	-	64.28	0.00	3793.63
MW-34	11/28/12	3857.91	-	64.19	0.00	3793.72
MW-34	02/21/13	3857.91	-	64.25	0.00	3793.66
MW-34	05/15/13	3857.91	-	64.31	0.00	3793.60
MW-34	08/21/13	3857.91	-	64.35	0.00	3793.56
MW-34	11/11/13	3857.91	-	64.40	0.00	3793.51
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

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	11/15/16	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
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-34	02/09/22	3857.91	-	68.43	0.00	3789.48
MW-34	05/02/22	3857.91	-	68.60	0.00	3789.31

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-34	08/02/22	3857.91	-	68.70	0.00	3789.21
MW-34	10/26/22	3857.91	-	68.88	0.00	3789.03
MW-34	02/07/23	3857.91	-	69.03	0.00	3788.88
MW-34	05/08/23	3857.91	-	69.06	0.00	3788.85
MW-34	08/22/23	3857.91	-	69.38	0.00	3788.53
MW-34	10/31/23	3857.91	-	69.23	0.00	3788.68
MW-35	03/15/06	3857.16	-	61.80	0.00	3795.36
MW-35	06/14/06	3857.16	-	61.89	0.00	3795.27
MW-35	09/13/06	3857.16	-	61.97	0.00	3795.19
MW-35	12/06/06	3857.16	-	62.04	0.00	3795.12
MW-35	03/01/07	3857.16	-	62.09	0.00	3795.07
MW-35	05/24/07	3857.16	-	62.13	0.00	3795.03
MW-35	08/23/07	3857.16	-	62.22	0.00	3794.94
MW-35	11/08/07	3857.16	-	62.28	0.00	3794.88
MW-35	03/04/08	3857.16	-	62.39	0.00	3794.77
MW-35	06/11/08	3857.16	-	62.44	0.00	3794.72
MW-35	09/09/08	3857.16	-	62.53	0.00	3794.63
MW-35	12/11/08	3857.16	-	62.51	0.00	3794.65
MW-35	02/26/09	3857.16	-	62.65	0.00	3794.51
MW-35	05/22/09	3857.16	-	62.72	0.00	3794.44
MW-35	08/18/09	3857.16	-	62.78	0.00	3794.38
MW-35	12/10/09	3857.16	-	62.82	0.00	3794.34
MW-35	01/06/10	3857.16	-	62.81	0.00	3794.35
MW-35	02/22/10	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

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	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
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

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	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-35	02/09/22	3857.16	-	68.07	0.00	3789.09
MW-35	03/09/22	3857.16	-	68.11	0.00	3789.05
MW-35	05/03/22	3857.16	-	68.21	0.00	3788.95
MW-35	08/03/22	3857.16	-	68.32	0.00	3788.84
MW-35	10/27/22	3857.16	-	68.50	0.00	3788.66
MW-35	02/09/23	3857.16	-	68.58	0.00	3788.58
MW-35	05/09/23	3857.16	-	68.70	0.00	3788.46
MW-35	08/23/23	3857.16	-	68.96	0.00	3788.20
MW-35	11/01/23	3857.16	-	68.97	0.00	3788.19
MW-36	12/06/06	3858.80	-	62.70	0.00	3796.10
MW-36	03/01/07	3858.80	-	62.76	0.00	3796.04
MW-36	05/24/07	3858.80	-	62.81	0.00	3795.99
MW-36	08/23/07	3858.80	-	62.88	0.00	3795.92
MW-36	11/08/07	3858.80	-	62.94	0.00	3795.86
MW-36	03/04/08	3858.80	-	63.04	0.00	3795.76
MW-36	06/11/08	3858.80	-	63.82	0.00	3794.98
MW-36	09/09/08	3858.80	-	63.22	0.00	3795.58
MW-36	12/11/08	3858.80	-	63.24	0.00	3795.56
MW-36	02/27/09	3858.80	-	63.32	0.00	3795.48

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-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
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

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	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
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

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	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-36	02/09/22	3858.80	-	68.62	0.00	3790.18
MW-36	05/02/22	3858.80	-	68.75	0.00	3790.05
MW-36	08/02/22	3858.80	-	68.89	0.00	3789.91
MW-36	10/26/22	3858.80	-	69.04	0.00	3789.76
MW-36	02/07/23	3858.80	-	69.21	0.00	3789.59
MW-36	05/08/23	3858.80	-	69.28	0.00	3789.52
MW-36	08/22/23	3858.80	-	69.43	0.00	3789.37
MW-36	10/31/23	3858.80	-	69.49	0.00	3789.31
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
MW-37	05/15/13	3857.69	-	63.42	0.00	3794.27

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-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
MW-37	08/16/18	3857.69	-	65.65	0.00	3792.04

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-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-37	02/09/22	3857.69	-	67.74	0.00	3789.95
MW-37	05/02/22	3857.69	-	67.86	0.00	3789.83
MW-37	08/02/22	3857.69	-	68.00	0.00	3789.69
MW-37	10/26/22	3857.69	-	68.13	0.00	3789.56
MW-37	02/07/23	3857.69	-	67.01	0.00	3790.68
MW-37	05/08/23	3857.69	-	68.40	0.00	3789.29
MW-37	08/22/23	3857.69	-	68.60	0.00	3789.09
MW-37	10/31/23	3857.69	-	68.64	0.00	3789.05
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

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	05/21/09	3855.95	-	63.28	0.00	3792.67
MW-38	08/18/09	3855.95	-	61.15	0.00	3794.80
MW-38	12/09/09	3855.95	-	61.18	0.00	3794.77
MW-38	01/06/10	3855.95	-	61.17	0.00	3794.78
MW-38	02/22/10	3855.95	-	61.22	0.00	3794.73
MW-38	06/04/10	3855.95	-	61.26	0.00	3794.69
MW-38	08/26/10	3855.95	-	61.27	0.00	3794.68
MW-38	11/30/10	3855.95	-	61.19	0.00	3794.76
MW-38	03/08/11	3855.95	-	61.17	0.00	3794.78
MW-38	05/25/11	3855.95	-	61.19	0.00	3794.76
MW-38	08/18/11	3855.95	-	61.56	0.00	3794.39
MW-38	11/15/11	3855.95	-	61.52	0.00	3794.43
MW-38	02/29/12	3855.95	-	61.75	0.00	3794.20
MW-38	05/01/12	3855.95	-	61.83	0.00	3794.12
MW-38	08/10/12	3855.95	-	62.18	0.00	3793.77
MW-38	11/28/12	3855.95	-	62.12	0.00	3793.83
MW-38	02/21/13	3855.95	-	67.17	0.00	3788.78
MW-38	05/15/13	3855.95	-	62.25	0.00	3793.70
MW-38	08/21/13	3855.95	-	62.29	0.00	3793.66
MW-38	11/11/13	3855.95	-	62.34	0.00	3793.61
MW-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

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	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
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

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	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-38	02/09/22	3855.95	-	66.48	0.00	3789.47
MW-38	05/02/22	3855.95	-	66.61	0.00	3789.34
MW-38	08/02/22	3855.95	-	66.74	0.00	3789.21
MW-38	10/26/22	3855.95	-	66.88	0.00	3789.07
MW-38	02/07/23	3855.95	-	68.27	0.00	3787.68
MW-38	05/08/23	3855.95	-	67.12	0.00	3788.83
MW-38	08/22/23	3855.95	-	67.30	0.00	3788.65
MW-38	10/31/23	3855.95	-	67.39	0.00	3788.56
MW-39	12/03/07	-	-	61.42	0.00	-
MW-39	03/04/08	-	-	61.51	0.00	-
MW-39	06/11/08	-	-	61.59	0.00	-
MW-39	09/09/08	-	-	61.70	0.00	-
MW-39	12/11/08	-	-	61.81	0.00	-
MW-39	02/26/09	-	-	61.89	0.00	-
MW-39	05/21/09	-	-	61.95	0.00	-
MW-39	08/18/09	-	-	61.95	0.00	-
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	-

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	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	-
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	-

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	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	-
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-39	02/09/22	-	-	67.15	0.00	-
MW-39	05/02/22	-	-	67.28	0.00	-
MW-39	08/02/22	-	-	67.42	0.00	-
MW-39	10/26/22	-	-	67.58	0.00	-
MW-39	02/07/23	-	-	67.73	0.00	-
MW-39	05/08/23	-	-	67.82	0.00	-
MW-39	08/22/23	-	-	67.98	0.00	-
MW-39	10/31/23	-	-	67.95	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	-

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	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	-
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	-

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	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	-
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	-
MW-40	02/09/22	-	-	69.12	0.00	-
MW-40	05/02/22	-	-	69.30	0.00	-
MW-40	08/02/22	-	-	69.42	0.00	-
MW-40	10/26/22	-	-	69.56	0.00	-
MW-40	02/07/23	-	-	69.73	0.00	-
MW-40	05/08/23	-	-	69.80	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	08/22/23	-	-	69.96	0.00	-
MW-40	10/31/23	-	-	69.93	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 - 1	02/10/22	Not Sampled Due to PSH in Well				
MW - 1	05/04/22	3.10	0.0289	0.107	0.1018	
MW - 1	08/02/22	3.59	0.0292	0.131	0.0805	
MW - 1	10/27/22	1.08	0.0178	0.0231	0.0557	
MW - 1	02/08/23	Not Sampled Due to PSH in Well				
MW - 1	05/09/23	Not Sampled Due to PSH in Well				
MW - 1	08/23/23	Not Sampled Due to PSH in Well				
MW - 1	11/01/23	Not Sampled Due to PSH in Well				
MW - 2	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	12/08/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	03/24/00	0.0010	0.001	<0.001	<0.001	<0.001
MW - 2	06/14/00	0.0150	0.006	0.007	0.002	<0.001
MW - 2	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	12/28/00	0.0020	0.001	0.001	<0.001	<0.001
MW - 2	03/14/01	0.0010	0.001	<0.001	<0.001	<0.001
MW - 2	06/06/01	0.0070	0.013	<0.001	<0.001	<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				

□□□□□□□□

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	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/26/09	Not Sampled on Current Sample Schedule				
MW - 2	05/22/09	Not Sampled on Current Sample Schedule				
MW - 2	08/18/09	Not Sampled on Current Sample Schedule				
MW - 2	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/22/10	Not Sampled on Current Sample Schedule				
MW - 2	06/03/10	Not Sampled on Current Sample Schedule				
MW - 2	08/26/10	Not Sampled on Current Sample Schedule				
MW - 2	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 2	03/09/11	Not Sampled on Current Sample Schedule				
MW - 2	05/26/11	Not Sampled on Current Sample Schedule				
MW - 2	08/18/11	Not Sampled on Current Sample Schedule				
MW - 2	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/29/12	Not Sampled on Current Sample Schedule				
MW - 2	05/02/12	Not Sampled on Current Sample Schedule				
MW - 2	08/10/12	Not Sampled on Current Sample Schedule				
MW - 2	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/22/13	Not Sampled on Current Sample Schedule				
MW - 2	05/15/13	Not Sampled on Current Sample Schedule				
MW - 2	08/21/13	Not Sampled on Current Sample Schedule				
MW - 2	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 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				

□□□□□□□□

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	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				
MW - 2	12/15/21	Not Sampled Due to PSH in Well				
MW - 2	02/10/22	Not Sampled Due to PSH in Well				
MW - 2	05/04/22	Not Sampled Due to PSH in Well				
MW - 2	08/02/22	Not Sampled Due to PSH in Well				
MW - 2	10/27/22	Not Sampled Due to PSH in Well				
MW - 2	02/08/23	Not Sampled Due to PSH in Well				
MW - 2	05/09/23	Not Sampled Due to PSH in Well				
MW - 2	08/23/23	Not Sampled Due to PSH in Well				
MW - 2	11/01/23	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	
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	
MW - 3	03/17/05	Not Sampled on Current Sample Schedule				
MW - 3	06/15/05	Not Sampled on Current Sample Schedule				
MW - 3	09/14/05	Not Sampled on Current Sample Schedule				
MW - 3	12/13/05	<0.001	<0.001	<0.001	<0.001	
MW - 3	03/15/06	Not Sampled on Current Sample Schedule				
MW - 3	06/14/06	Not Sampled on Current Sample Schedule				

□□□□□□□□

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	09/13/06	Not Sampled on Current Sample Schedule				
MW - 3	12/05/06	<0.001	<0.001	<0.001	<0.001	
MW - 3	03/01/07	Not Sampled on Current Sample Schedule				
MW - 3	05/24/07	Not Sampled on Current Sample Schedule				
MW - 3	08/23/07	Not Sampled on Current Sample Schedule				
MW - 3	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 3	03/04/08	Not Sampled on Current Sample Schedule				
MW - 3	06/11/08	Not Sampled on Current Sample Schedule				
MW - 3	09/10/08	Not Sampled on Current Sample Schedule				
MW - 3	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/26/09	Not Sampled on Current Sample Schedule				
MW - 3	05/22/09	Not Sampled on Current Sample Schedule				
MW - 3	08/18/09	Not Sampled on Current Sample Schedule				
MW - 3	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/22/10	Not Sampled on Current Sample Schedule				
MW - 3	06/03/10	Not Sampled on Current Sample Schedule				
MW - 3	08/26/10	Not Sampled on Current Sample Schedule				
MW - 3	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	03/09/11	Not Sampled on Current Sample Schedule				
MW - 3	05/26/11	Not Sampled on Current Sample Schedule				
MW - 3	08/18/11	Not Sampled on Current Sample Schedule				
MW - 3	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/29/12	Not Sampled on Current Sample Schedule				
MW - 3	05/02/12	Not Sampled on Current Sample Schedule				
MW - 3	08/10/12	Not Sampled on Current Sample Schedule				
MW - 3	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/22/13	Not Sampled on Current Sample Schedule				
MW - 3	05/15/13	Not Sampled on Current Sample Schedule				
MW - 3	08/21/13	Not Sampled on Current Sample Schedule				
MW - 3	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 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				

□□□□□□□□

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	08/22/17	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				
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 - 3	02/10/22	Not Sampled on Current Sample Schedule				
MW - 3	05/02/22	Not Sampled on Current Sample Schedule				
MW - 3	08/02/22	Not Sampled on Current Sample Schedule				
MW - 3	10/26/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 3	02/08/23	Not Sampled on Current Sample Schedule				
MW - 3	05/09/23	Not Sampled on Current Sample Schedule				
MW - 3	08/22/23	Not Sampled on Current Sample Schedule				
MW - 3	10/31/23	<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

□□□□□□□□

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	12/08/03	0.0040	<0.001	0.002	<0.002	<0.001
MW - 4	03/01/04	0.0020	<0.001	<0.001	<0.002	<0.001
MW - 4	05/19/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 4	08/26/04	0.0078	<0.001	0.00264	<0.002	<0.001
MW - 4	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 4	03/17/05	0.0091	<0.005	<0.005	<0.005	
MW - 4	06/15/05	0.0209	<0.001	<0.001	<0.001	
MW - 4	09/14/05	0.0892	0.0019	0.0325	0.0085	
MW - 4	12/13/05	0.0168	0.0013	0.005	0.0014	
MW - 4	03/15/06	0.0050	<0.001	<0.001	<0.001	
MW - 4	06/14/06	0.0109	<0.001	<0.001	<0.001	
MW - 4	09/13/06	0.0449	<0.001	0.007	<0.001	
MW - 4	12/06/06	<0.001	<0.001	<0.001	<0.001	
MW - 4	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 4	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 4	08/23/07	0.0063	<0.001	<0.001	<0.001	
MW - 4	11/08/07	0.0101	<0.001	0.0268	0.0295	
MW - 4	03/04/08	Not Sampled Due to PSH in Well				
MW - 4	06/11/08	Not Sampled Due to PSH in Well				
MW - 4	09/10/08	Not Sampled Due to PSH in Well				
MW - 4	12/11/08	Not Sampled Due to Insufficient Water Volume				
MW - 4	02/26/09	Not Sampled Due to PSH in Well				
MW - 4	05/22/09	Not Sampled Due to PSH in Well				
MW - 4	08/18/09	Not Sampled Due to PSH in Well				
MW - 4	12/10/09	1.110	0.272	1.670	1.970	
MW - 4	02/22/10	Not Sampled Due to PSH in Well				
MW - 4	06/03/10	Not Sampled Due to PSH in Well				
MW - 4	08/26/10	Not Sampled Due to PSH in Well				
MW - 4	12/01/10	Not Sampled Due to PSH in Well				
MW - 4	03/09/11	Not Sampled Due to PSH in Well				
MW - 4	05/26/11	Not Sampled Due to PSH in Well				
MW - 4	08/18/11	Not Sampled Due to PSH in Well				
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				

□□□□□□□□

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	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				
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 - 4	02/10/22	Not Sampled Due to PSH in Well				
MW - 4	03/10/22	1.70	0.111	2.63	2.872	
MW - 4	05/03/22	1.85	0.00515	2.20	2.187	
MW - 4	08/03/22	0.340	0.00481	0.0140	1.033	
MW - 4	10/27/22	1.39	0.00620	1.11	0.994	
MW - 4	02/09/23	2.15	0.0208	2.12	1.892	
MW - 4	05/09/23	7.59	0.144	3.20	2.433	
MW - 4	08/23/23	11.5	0.0750	9.17	7.244	
MW - 4	11/01/23	5.46	0.171	4.41	3.212	
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

□□□□□□□□

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	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	
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	

□ □ □ □ □ □ □ □ □ □

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	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	
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 - 6	02/10/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	05/04/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	08/02/22	<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	10/28/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	02/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	05/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	08/24/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	10/31/23	<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				
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	

□ □ □ □ □ □ □ □ □ □

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	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				
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				

□□□□□□□□□□

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	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 - 7	02/10/22	Not Sampled Due to PSH in Well				
MW - 7	05/04/22	Not Sampled Due to PSH in Well				
MW - 7	08/02/22	Not Sampled Due to PSH in Well				
MW - 7	10/27/22	Not Sampled Due to PSH in Well				
MW - 7	02/08/23	Not Sampled Due to PSH in Well				
MW - 7	05/09/23	Not Sampled Due to PSH in Well				
MW - 7	08/23/23	Not Sampled Due to PSH in Well				
MW - 7	11/01/23	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	

□ □ □ □ □ □ □ □ □ □

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	12/06/06	1.5400	0.0354	0.0429	0.0406	
MW - 9	03/02/07	1.4200	<0.02	0.0712	<0.020	
MW - 9	05/24/07	1.4400	<0.01	0.0412	<0.010	
MW - 9	08/23/07	0.7570	<0.050	<0.050	<0.050	
MW - 9	11/08/07	1.1000	<0.020	<0.020	<0.020	
MW - 9	03/04/08	0.8620	<0.010	0.0222	<0.010	
MW - 9	06/11/08	0.7480	<0.005	0.0559	<0.005	
MW - 9	09/10/08	0.4550	<0.005	0.0139	<0.005	
MW - 9	12/11/08	0.0722	<0.010	<0.010	<0.010	
MW - 9	02/27/09	0.1660	<0.010	<0.010	<0.010	
MW - 9	05/22/09	0.0610	<0.005	<0.005	<0.005	
MW - 9	08/18/09	0.2070	>0.0100	>0.0100	>0.0100	
MW - 9	12/10/09	0.0551	<0.005	0.0113	<0.005	
MW - 9	02/22/10	0.1670	<0.005	0.306	0.277	
MW - 9	06/03/10	0.2230	<0.005	0.0367	<0.005	
MW - 9	08/26/10	0.0989	<0.001	0.0059	<0.001	
MW - 9	12/01/10	0.0408	<0.001	<0.001	<0.001	
MW - 9	03/09/11	0.0375	<0.001	0.0597	0.0565	
MW - 9	05/26/11	0.3580	<0.005	0.068	0.0818	
MW - 9	08/19/11	0.3820	<0.005	<0.005	<0.005	
MW - 9	11/15/11	0.9240	<0.005	0.0345	<0.005	
MW - 9	02/29/12	0.3810	<0.005	<0.005	<0.005	
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	

□□□□□□□□□□

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	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	
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 - 9	02/10/22	0.431	0.00132	0.0862	0.01220	
MW - 9	03/09/22	0.299	0.00116	0.0347	0.00647	
MW - 9	05/03/22	0.393	0.00113	0.0674	0.0137	
MW - 9	08/03/22	0.226	<0.00100	0.0121	0.00514	
MW - 9	10/27/22	0.195	<0.00100	0.00659	<0.00200	
MW - 9	02/09/23	0.426	0.00127	0.00669	<0.00200	
MW - 9	05/09/23	0.195	<0.00100	0.00201	<0.00200	
MW - 9	08/23/23	0.0823	0.00112	0.00200	<0.00200	
MW - 9	11/01/23	0.0857	0.00104	0.00166	<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

□ □ □ □ □ □ □ □ □ □

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	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 10	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 10	12/09/04	0.0016	<0.001	<0.001	<0.001	
MW - 10	03/17/05	Not Sampled on Current Sample Schedule				
MW - 10	06/15/05	0.0622	<0.005	0.0132	0.0175	
MW - 10	09/15/05	Not Sampled on Current Sample Schedule				
MW - 10	12/13/05	0.0149	<0.005	0.0561	0.0071	
MW - 10	03/15/06	Not Sampled on Current Sample Schedule				
MW - 10	06/14/06	0.0014	<0.001	0.0057	<0.001	
MW - 10	09/13/06	<0.001	<0.001	<0.001	<0.001	
MW - 10	12/06/06	<0.001	<0.001	<0.001	<0.001	
MW - 10	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 10	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 10	08/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 10	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 10	03/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 10	06/11/08	0.0031	<0.001	<0.001	<0.001	
MW - 10	09/10/08	0.0012	<0.001	<0.001	<0.001	
MW - 10	12/11/08	<0.001	<0.001	<0.001	<0.001	
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	

□ □ □ □ □ □ □ □ □ □

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	05/20/14	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	
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 - 10	02/10/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	05/04/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	08/02/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	10/28/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	02/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	05/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	08/24/23	0.0271	0.0107	2.11	1.082	
MW - 10	10/31/23	0.0795	0.00515	1.28	0.623	
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

□□□□□□□□□□

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	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	
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	

□□□□□□□□□□

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	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				
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 - 11	02/10/22	Not Sampled Due to PSH in Well				
MW - 11	03/10/22	9.18	0.0115	2.18	1.2698	

□ □ □ □ □ □ □ □ □ □

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	05/03/22	9.61	0.00457	2.53	1.431	
MW - 11	08/03/22	7.85	0.00595	2.40	1.470	
MW - 11	10/27/22	7.82	0.0104	1.25	0.6923	
MW - 11	02/09/23	7.46	0.00857	2.27	1.2218	
MW - 11	05/09/23	4.93	0.00675	3.83	2.674	
MW - 11	08/23/23	4.27	0.0424	2.83	2.018	
MW - 11	11/01/23	2.54	0.0282	0.911	0.6270	
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	
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	

□□□□□□□□□□

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	09/10/08	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	
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	

□ □ □ □ □ □ □ □ □ □

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	08/27/19	<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 - 12	02/10/22	Not Sampled on Current Sample Schedule				
MW - 12	05/03/22	Not Sampled on Current Sample Schedule				
MW - 12	08/02/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	10/26/22	Not Sampled on Current Sample Schedule				
MW - 12	02/09/23	Not Sampled on Current Sample Schedule				
MW - 12	05/09/23	Not Sampled on Current Sample Schedule				
MW - 12	08/22/23	Not Sampled on Current Sample Schedule				
MW - 12	10/31/23	Insufficient Water				
MW - 13	08/19/99	<0.001	<0.001	<0.001	0.001	<0.001
MW - 13	12/08/99	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 13	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	06/14/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	09/22/00	0.0010	<0.001	0.003	<0.001	<0.001
MW - 13	12/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	03/14/01	0.0020	<0.001	0.003	<0.001	<0.001
MW - 13	06/06/01	<0.001	<0.001	<0.001	<0.001	
MW - 13	09/27/01	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 13	11/17/01	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 13	03/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	09/25/02	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 13	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	03/11/03	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 13	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 13	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 13	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 13	03/17/05	Not Sampled on Current Sample Schedule				
MW - 13	06/15/05	Not Sampled on Current Sample Schedule				
MW - 13	09/14/05	Not Sampled on Current Sample Schedule				
MW - 13	12/13/05	<0.001	<0.001	<0.001	<0.001	
MW - 13	03/15/06	Not Sampled on Current Sample Schedule				

□□□□□□□□□□

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	06/14/06	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				
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				

□□□□□□□□□□

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	05/16/17	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 - 13	02/10/22	Not Sampled on Current Sample Schedule				
MW - 13	05/03/22	Not Sampled on Current Sample Schedule				
MW - 13	08/02/22	Not Sampled on Current Sample Schedule				
MW - 13	10/26/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	02/08/23	Not Sampled on Current Sample Schedule				
MW - 13	05/09/23	Not Sampled on Current Sample Schedule				
MW - 13	08/22/23	Not Sampled on Current Sample Schedule				
MW - 13	10/31/23	<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

□□□□□□□□□□

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	09/03/03	2.620	<0.001	0.113	0.051	<0.001
MW - 14	12/08/03	0.922	0.057	0.194	0.095	0.047
MW - 14	03/01/04	3.410	<0.001	0.160	0.051	<0.001
MW - 14	05/19/04	3.020	<0.001	0.096	0.0117	<0.001
MW - 14	08/26/04	3.590	<0.001	0.176	0.0241	<0.001
MW - 14	12/09/04	4.650	<0.200	<0.2	<0.200	
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	

□ □ □ □ □ □ □ □ □ □

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	08/19/14	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	
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 - 14	02/10/22	<0.00100	0.00101	0.00487	<0.00200	
MW - 14	03/09/22	<0.00100	0.00100	0.00481	<0.00200	
MW - 14	05/03/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	08/03/22	0.00119	<0.00100	<0.00100	<0.00200	
MW - 14	10/27/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	02/09/23	<0.00100	<0.00100	<0.00100	0.00450	
MW - 14	05/09/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	08/24/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	11/01/23	<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

□ □ □ □ □ □ □ □ □ □

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	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	<0.001
MW - 15	09/27/01	0.0080	<0.001	<0.001	<0.001	<0.001
MW - 15	11/17/01	0.0400	<0.001	0.003	0.001	<0.001
MW - 15	03/26/02	0.0060	<0.001	<0.001	<0.001	<0.001
MW - 15	06/26/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 15	09/25/02	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 15	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	03/11/03	0.0040	<0.001	<0.001	<0.001	<0.001
MW - 15	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 15	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 15	05/19/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 15	08/26/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 15	12/09/04	0.0027	<0.001	<0.001	<0.001	<0.001
MW - 15	03/17/05	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	06/15/05	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	09/14/05	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	12/14/05	<0.005	<0.005	<0.005	<0.005	<0.005
MW - 15	03/15/06	<0.005	<0.005	<0.005	<0.005	<0.005
MW - 15	06/14/06	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	09/13/06	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	12/05/06	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	03/01/07	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	05/24/07	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	08/23/07	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	11/08/07	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	03/04/08	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	06/10/08	<0.001	<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	<0.001
MW - 15	02/26/09	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	05/21/09	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	08/18/09	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	12/09/09	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	02/22/10	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	06/03/10	0.0021	<0.001	<0.001	<0.001	<0.001
MW - 15	08/26/10	0.0034	<0.001	<0.001	<0.001	<0.001
MW - 15	12/01/10	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	03/09/11	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	05/26/11	<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 - 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	
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 - 15	02/10/22	Not Sampled on Current Sample Schedule				
MW - 15	05/03/22	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 - 15	08/02/22	<0.00100	0.0606	<0.00100	<0.00200	
MW - 15	10/26/22	Not Sampled on Current Sample Schedule				
MW - 15	02/08/23	Not Sampled on Current Sample Schedule				
MW - 15	05/09/23	Not Sampled on Current Sample Schedule				
MW - 15	08/22/23	Not Sampled on Current Sample Schedule				
MW - 15	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 16	08/19/99	0.0650	0.004	0.002	0.002	<0.001
MW - 16	12/08/99	0.0550	0.025	0.005	0.005	0.002
MW - 16	03/24/00	0.1080	0.028	0.005	0.005	0.002
MW - 16	06/14/00	0.0170	0.002	<0.001	0.001	<0.001
MW - 16	09/22/00	0.0360	0.003	<0.001	<0.001	<0.001
MW - 16	12/28/00	0.0430	0.032	0.007	0.004	0.002
MW - 16	03/14/01	0.0570	0.036	0.015	0.006	0.002
MW - 16	06/06/01	0.0440	0.016	0.017	0.035	
MW - 16	09/27/01	0.0440	0.027	0.012	0.005	0.002
MW - 16	11/17/01	0.0390	0.025	0.015	0.008	0.004
MW - 16	03/26/02	0.0210	0.004	0.004	0.002	<0.001
MW - 16	06/26/02	0.1050	0.02	0.028	0.004	0.002
MW - 16	09/25/02	0.2010	0.072	0.03	0.013	0.005
MW - 16	12/10/02	0.0490	0.026	0.016	0.005	0.002
MW - 16	03/11/03	0.1820	0.149	0.036	0.028	0.014
MW - 16	06/10/03	0.1860	0.007	0.117	0.016	0.007
MW - 16	09/03/03	0.2590	0.065	0.109	0.034	0.012
MW - 16	12/08/03	0.0420	0.003	0.009	0.002	0.001
MW - 16	03/01/04	0.0750	0.001	0.075	0.013	0.002
MW - 16	05/19/04	0.0807	0.0109	0.0687	0.0141	0.00263
MW - 16	08/26/04	0.1890	0.0047	0.046	0.0134	<0.001
MW - 16	12/09/04	0.0680	0.0046	0.0354	<0.001	
MW - 16	03/17/05	0.0911	0.0388	0.0355	0.0118	
MW - 16	06/15/05	0.1740	0.0372	0.106	0.0268	
MW - 16	09/15/05	0.1420	<0.1	<0.1	<0.1	
MW - 16	12/13/05	0.2610	0.177	0.0809	0.0369	
MW - 16	03/15/06	0.1930	0.113	0.065	0.0347	
MW - 16	06/14/06	0.1060	0.0713	0.0304	0.0201	
MW - 16	09/13/06	0.0964	0.0842	0.0267	0.0202	
MW - 16	12/06/06	0.0250	<0.001	0.0063	0.0013	
MW - 16	03/01/07	0.0105	0.0106	0.0028	0.0045	
MW - 16	05/24/07	0.0165	0.0088	0.0028	0.0032	
MW - 16	08/23/07	0.0439	0.0254	0.0064	0.0084	
MW - 16	11/08/07	0.0862	0.0737	0.0123	0.0173	
MW - 16	03/04/08	0.0209	0.0193	0.0051	0.008	
MW - 16	06/11/08	0.0605	0.0476	0.0129	0.0183	
MW - 16	09/10/08	0.0278	0.0248	0.0071	0.0093	

□□□□□□□□□□

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	12/11/08	0.0427	0.0494	0.0108	0.0168	
MW - 16	02/27/09	0.0481	0.0666	0.018	0.0379	
MW - 16	05/21/09	0.0432	0.0509	0.0101	0.0219	
MW - 16	08/18/09	0.0063	0.0057	<0.001	0.0067	
MW - 16	12/10/09	0.0033	0.0022	0.0027	<0.001	
MW - 16	02/22/10	0.0283	0.324	0.0068	0.0125	
MW - 16	06/03/10	0.0053	0.0065	<0.001	0.0031	
MW - 16	08/26/10	0.0035	0.0018	<0.001	<0.001	
MW - 16	12/01/10	0.0076	0.0097	0.0038	0.0091	
MW - 16	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 16	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 16	08/18/11	0.0049	<0.001	<0.001	<0.001	
MW - 16	11/15/11	0.0059	0.0054	<0.001	0.0026	
MW - 16	02/29/12	0.0203	0.0261	<0.001	0.025	
MW - 16	05/02/12	0.0284	0.036	0.01	0.0197	
MW - 16	08/10/12	0.0070	0.0071	0.0058	0.0131	
MW - 16	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	05/15/13	0.0156	0.0256	0.00560	0.00950	
MW - 16	08/21/13	0.0167	0.0190	0.00180	0.00330	
MW - 16	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 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				

□ □ □ □ □ □ □ □ □ □

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	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 - 16	02/10/22	DRY				
MW - 16	05/04/22	DRY				
MW - 16	08/02/22	DRY				
MW - 16	10/27/22	DRY				
MW - 16	02/08/23	DRY				
MW - 16	05/09/23	DRY				
MW - 16	08/22/23	DRY				
MW - 16	10/31/23	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
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	

□□□□□□□□□□

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	03/15/06	0.0196	0.0158	0.0077	0.0131	
MW - 17	06/14/06	0.0224	0.0148	0.0072	0.0137	
MW - 17	09/13/06	0.0108	0.0068	0.0029	0.0064	
MW - 17	12/06/06	0.0086	0.0047	0.002	0.0048	
MW - 17	03/01/07	0.0054	0.0043	0.0022	0.0067	
MW - 17	05/24/07	<0.001	0.0046	<0.001	0.0067	
MW - 17	08/23/07	0.0089	0.0027	0.0017	0.0034	
MW - 17	11/08/07	0.0027	<0.001	<0.001	0.0014	
MW - 17	03/04/08	0.0041	0.0026	0.0011	0.0044	
MW - 17	06/11/08	0.0384	0.0077	0.0018	0.0105	
MW - 17	09/10/08	0.0214	0.0075	0.0065	0.0081	
MW - 17	12/11/08	0.0057	<0.001	<0.001	0.0038	
MW - 17	02/26/09	0.0173	0.0119	0.0092	0.0258	
MW - 17	05/21/09	0.0053	<0.001	<0.001	<0.001	
MW - 17	08/18/09	0.0035	<0.001	<0.001	0.0064	
MW - 17	12/10/09	0.0015	<0.001	<0.001	<0.001	
MW - 17	02/22/10	0.0143	<0.001	<0.001	0.0056	
MW - 17	06/03/10	0.0062	0.0019	<0.001	<0.001	
MW - 17	08/26/10	0.0036	0.0011	<0.001	0.0017	
MW - 17	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 17	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 17	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 17	08/18/11	0.0053	<0.001	<0.001	<0.001	
MW - 17	11/15/11	0.0108	<0.001	<0.001	0.0029	
MW - 17	02/29/12	0.0112	<0.001	<0.001	<0.001	
MW - 17	05/02/12	0.0091	<0.001	<0.001	<0.001	
MW - 17	08/10/12	0.0089	<0.001	<0.001	<0.003	
MW - 17	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	05/16/13	0.00470	0.00230	<0.00100	0.00350	
MW - 17	08/21/13	0.00220	<0.00100	<0.00100	0.00190	
MW - 17	11/11/13	0.00270	<0.00100	<0.00100	<0.00300	
MW - 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	

□ □ □ □ □ □ □ □ □ □

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	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 - 17	02/10/22	0.00191	<0.00100	<0.00100	<0.00200	
MW - 17	05/02/22	Not Sampled on Current Sample Schedule				
MW - 17	08/02/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	10/26/22	Not Sampled on Current Sample Schedule				
MW - 17	02/08/23	Not Sampled on Current Sample Schedule				
MW - 17	05/09/23	Not Sampled on Current Sample Schedule				
MW - 17	08/22/23	Not Sampled on Current Sample Schedule				
MW - 17	10/31/23	0.00192	<0.00100	<0.00100	<0.00200	
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	
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

□ □ □ □ □ □ □ □ □ □

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	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	
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	

□□□□□□□□□□

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	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 - 18	02/10/22	DRY				
MW - 18	05/03/22	DRY				
MW - 18	08/02/22	DRY				
MW - 18	10/27/22	DRY				
MW - 18	02/08/23	DRY				
MW - 18	05/09/23	DRY				
MW - 18	08/24/23	DRY				
MW - 18	10/31/23	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

□□□□□□□□□□

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	03/14/01	0.0080	<0.001	0.002	<0.001	<0.001
MW - 19	06/06/01	0.0060	<0.001	<0.001	<0.001	
MW - 19	09/27/01	0.0010	<0.001	0.001	<0.001	<0.001
MW - 19	11/17/01	0.0050	<0.001	0.003	0.001	<0.001
MW - 19	03/26/02	0.0130	<0.001	0.004	<0.001	<0.001
MW - 19	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 19	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 19	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 19	03/11/03	0.0040	0.001	0.001	<0.001	<0.001
MW - 19	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 19	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 19	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 19	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 19	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 19	03/17/05	Not Sampled on Current Sample Schedule				
MW - 19	06/15/05	Not Sampled on Current Sample Schedule				
MW - 19	09/14/05	Not Sampled on Current Sample Schedule				
MW - 19	12/13/05	<0.005	<0.005	<0.005	<0.005	
MW - 19	03/15/06	Not Sampled on Current Sample Schedule				
MW - 19	06/14/06	Not Sampled on Current Sample Schedule				
MW - 19	09/13/06	Not Sampled on Current Sample Schedule				
MW - 19	12/06/06	<0.001	<0.001	<0.001	0.0024	
MW - 19	03/01/07	Not Sampled on Current Sample Schedule				
MW - 19	05/24/07	Not Sampled on Current Sample Schedule				
MW - 19	08/23/07	Not Sampled on Current Sample Schedule				
MW - 19	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 19	03/04/08	Not Sampled on Current Sample Schedule				
MW - 19	06/11/08	Not Sampled on Current Sample Schedule				
MW - 19	09/10/08	Not Sampled on Current Sample Schedule				
MW - 19	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 19	02/26/09	Not Sampled on Current Sample Schedule				
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				

□□□□□□□□□□

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	08/10/12	Not Sampled on Current Sample Schedule				
MW - 19	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 19	02/22/13	Not Sampled on Current Sample Schedule				
MW - 19	05/16/13	Not Sampled on Current Sample Schedule				
MW - 19	08/21/13	Not Sampled on Current Sample Schedule				
MW - 19	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 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 - 19	02/10/22	DRY				
MW - 19	05/03/22	DRY				
MW - 19	08/02/22	DRY				
MW - 19	10/27/22	DRY				
MW - 19	02/08/23	DRY				
MW - 19	05/09/23	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 - 19	08/24/23	DRY				
MW - 19	10/31/23	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
MW - 20	03/14/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	06/06/01	<0.001	<0.001	<0.001	<0.001	
MW - 20	09/27/01	0.0040	<0.001	0.003	<0.001	<0.001
MW - 20	11/17/01	0.0070	<0.001	0.003	0.001	<0.001
MW - 20	03/26/02	0.0030	<0.001	0.002	<0.001	<0.001
MW - 20	06/26/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 20	09/25/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 20	12/10/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 20	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 20	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 20	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 20	09/14/05	Plugged and Abandoned				
MW - 21	08/20/99	0.7010	<0.01	<0.01	<0.001	<0.001
MW - 21	12/08/99	0.0520	<0.001	<0.001	<0.001	<0.001
MW - 21	03/24/00	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 21	06/14/00	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 21	09/22/00	0.0020	<0.001	0.001	<0.001	<0.001
MW - 21	12/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	03/14/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	06/06/01	<0.005	<0.005	<0.005	<0.005	
MW - 21	09/27/01	0.0030	<0.001	0.003	<0.001	<0.001
MW - 21	11/17/01	0.0140	<0.001	0.006	0.002	<0.001
MW - 21	03/26/02	0.0040	<0.001	0.003	<0.001	<0.001
MW - 21	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	09/25/02	0.0010	<0.001	0.002	<0.001	<0.001
MW - 21	12/10/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 21	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	06/10/03	<0.001	<0.001	0.001	<0.001	<0.001
MW - 21	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 21	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001

□□□□□□□□□□

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	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 21	03/17/05	Not Sampled on Current Sample Schedule				
MW - 21	06/15/05	Not Sampled on Current Sample Schedule				
MW - 21	09/14/05	Not Sampled on Current Sample Schedule				
MW - 21	12/13/05	<0.005	<0.005	<0.005	<0.005	
MW - 21	03/15/06	Not Sampled on Current Sample Schedule				
MW - 21	06/14/06	Not Sampled on Current Sample Schedule				
MW - 21	09/13/06	Not Sampled on Current Sample Schedule				
MW - 21	01/03/07	<0.001	<0.001	<0.001	<0.001	
MW - 21	03/01/07	Not Sampled on Current Sample Schedule				
MW - 21	05/24/07	Not Sampled on Current Sample Schedule				
MW - 21	08/23/07	Not Sampled on Current Sample Schedule				
MW - 21	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 21	03/04/08	Not Sampled on Current Sample Schedule				
MW - 21	06/11/08	Not Sampled on Current Sample Schedule				
MW - 21	09/10/08	Not Sampled on Current Sample Schedule				
MW - 21	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 21	02/26/09	Not Sampled on Current Sample Schedule				
MW - 21	05/21/09	Not Sampled on Current Sample Schedule				
MW - 21	08/18/09	Not Sampled on Current Sample Schedule				
MW - 21	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 21	02/22/10	Not Sampled on Current Sample Schedule				
MW - 21	06/03/10	Not Sampled on Current Sample Schedule				
MW - 21	08/26/10	Not Sampled on Current Sample Schedule				
MW - 21	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 21	03/09/11	Not Sampled on Current Sample Schedule				
MW - 21	05/26/11	Not Sampled on Current Sample Schedule				
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				

□□□□□□□□□□

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	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	
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 - 21	02/10/22	DRY				
MW - 21	05/03/22	DRY				
MW - 21	08/02/22	DRY				
MW - 21	10/27/22	DRY				
MW - 21	02/08/23	DRY				
MW - 21	05/09/23	DRY				
MW - 21	08/24/23	DRY				
MW - 21	10/31/23	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

□ □ □ □ □ □ □ □ □ □

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 - 22	03/26/02	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 22	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 22	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 22	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 22	09/14/05	Plugged and Abandoned				
MW - 23	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	12/08/99	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 23	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	06/14/00	0.0070	<0.001	<0.001	<0.001	<0.001
MW - 23	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	12/28/00	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 23	03/14/01	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 23	06/06/01	0.0057	<0.001	<0.001	<0.001	
MW - 23	09/28/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	11/17/01	0.0040	<0.001	0.002	<0.001	<0.001
MW - 23	03/26/02	0.0030	<0.001	<0.001	<0.001	<0.001
MW - 23	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	03/11/03	0.0160	<0.001	<0.001	<0.001	<0.001
MW - 23	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	09/03/03	0.0050	<0.001	<0.001	<0.001	<0.001
MW - 23	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 23	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 23	05/19/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 23	08/26/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 23	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 23	03/17/05	<0.001	<0.001	<0.001	<0.001	
MW - 23	06/15/05	<0.001	<0.001	<0.001	<0.001	
MW - 23	09/14/05	<0.001	<0.001	<0.001	<0.001	
MW - 23	12/14/05	<0.005	<0.005	<0.005	<0.005	
MW - 23	03/15/06	<0.001	<0.001	<0.001	<0.001	
MW - 23	06/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 23	09/13/06	<0.001	<0.001	<0.001	<0.001	
MW - 23	12/05/06	<0.001	<0.001	<0.001	<0.001	
MW - 23	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 23	05/24/07	<0.001	<0.001	<0.001	<0.001	

□□□□□□□□□□

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	08/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 23	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 23	03/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 23	06/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 23	09/10/08	0.0017	<0.001	<0.001	<0.001	
MW - 23	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 23	02/26/09	<0.001	<0.001	<0.001	<0.001	
MW - 23	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 23	08/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 23	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 23	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 23	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 23	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 23	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 23	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 23	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 23	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 23	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 23	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 23	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 23	08/10/12	<0.001	<0.001	<0.001	<0.001	
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				

□□□□□□□□□□

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	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 - 23	02/10/22	Not Sampled on Current Sample Schedule				
MW - 23	05/02/22	Not Sampled on Current Sample Schedule				
MW - 23	08/02/22	Not Sampled on Current Sample Schedule				
MW - 23	10/26/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	02/08/23	Not Sampled on Current Sample Schedule				
MW - 23	05/09/23	Not Sampled on Current Sample Schedule				
MW - 23	08/22/23	Not Sampled on Current Sample Schedule				
MW - 23	10/31/23	<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
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

□□□□□□□□□□

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	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	
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	

□□□□□□□□□□

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	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	
MW - 24	02/10/22	Not Sampled on Current Sample Schedule				
MW - 24	05/04/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 24	08/02/22	Not Sampled on Current Sample Schedule				
MW - 24	10/27/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 24	02/08/23	Not Sampled on Current Sample Schedule				
MW - 24	05/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 24	08/22/23	Not Sampled on Current Sample Schedule				
MW - 24	10/31/23	Insufficient Water				
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

□ □ □ □ □ □ □ □ □ □

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	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				
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				

□□□□□□□□□□

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	08/21/13	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				
MW - 25	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	02/10/22	Not Sampled on Current Sample Schedule				
MW - 25	05/02/22	Not Sampled on Current Sample Schedule				
MW - 25	08/02/22	Not Sampled on Current Sample Schedule				
MW - 25	10/26/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	02/08/23	Not Sampled on Current Sample Schedule				
MW - 25	05/09/23	Not Sampled on Current Sample Schedule				
MW - 25	08/22/23	Not Sampled on Current Sample Schedule				
MW - 25	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	06/03/00	0.0200	0.003	0.002	0.002	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 - 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	
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	

□ □ □ □ □ □ □ □ □ □

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	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	
MW - 26	12/15/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	02/10/22	0.00771	0.0135	0.00796	0.00799	
MW - 26	05/04/22	0.00693	0.0112	0.00702	0.00712	

□□□□□□□□□□

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	08/02/22	0.00529	0.0115	0.00730	0.00794	
MW - 26	10/28/22	0.00880	0.00812	0.00483	0.00552	
MW - 26	02/08/23	<0.00100	0.00121	<0.00100	<0.00200	
MW - 26	05/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	08/24/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	10/31/23	0.00132	0.00152	0.00110	<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

□□□□□□□□□□

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	12/09/04	3.4300	0.0381	1.79	1.49	
MW - 28	03/17/05	2.8500	<0.02	1.06	0.53	
MW - 28	06/15/05	3.7400	<0.05	1.29	0.465	
MW - 28	09/14/05	3.5900	<0.05	1.27	0.554	
MW - 28	12/13/05	3.1100	<0.05	0.868	0.367	
MW - 28	03/15/06	2.3100	<0.2	0.572	<0.2	
MW - 28	06/14/06	3.0900	<0.1	0.589	0.16	
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	

□ □ □ □ □ □ □ □ □ □

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	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	
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 - 28	02/10/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	05/04/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	08/02/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	10/28/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	02/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	05/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	08/24/23	DRY				
MW - 28	10/31/23	<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

□□□□□□□□□□

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	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	
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	

□□□□□□□□□□

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	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	
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 - 29	02/10/22	Not Sampled on Current Sample Schedule				
MW - 29	05/04/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 29	08/02/22	Not Sampled on Current Sample Schedule				
MW - 29	10/28/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 29	02/08/23	Not Sampled on Current Sample Schedule				
MW - 29	05/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 29	08/22/23	Not Sampled on Current Sample Schedule				
MW - 29	10/31/23	<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

□ □ □ □ □ □ □ □ □ □

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	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 30	03/17/05	Not Sampled on Current Sample Schedule				
MW - 30	06/15/05	Not Sampled on Current Sample Schedule				
MW - 30	09/14/05	Not Sampled on Current Sample Schedule				
MW - 30	12/13/05	<0.005	<0.005	<0.005	<0.005	
MW - 30	03/15/06	Not Sampled on Current Sample Schedule				
MW - 30	06/14/06	Not Sampled on Current Sample Schedule				
MW - 30	09/14/06	Not Sampled on Current Sample Schedule				
MW - 30	12/06/06	<0.001	<0.001	<0.001	<0.001	
MW - 30	03/02/07	Not Sampled on Current Sample Schedule				
MW - 30	05/24/07	Not Sampled on Current Sample Schedule				
MW - 30	08/23/07	Not Sampled on Current Sample Schedule				
MW - 30	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 30	03/04/08	Not Sampled on Current Sample Schedule				
MW - 30	06/11/08	Not Sampled on Current Sample Schedule				
MW - 30	09/10/08	Not Sampled on Current Sample Schedule				
MW - 30	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/26/09	Not Sampled on Current Sample Schedule				
MW - 30	05/22/09	Not Sampled on Current Sample Schedule				
MW - 30	08/18/09	Not Sampled on Current Sample Schedule				
MW - 30	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/22/10	Not Sampled on Current Sample Schedule				
MW - 30	06/03/10	Not Sampled on Current Sample Schedule				
MW - 30	08/26/10	Not Sampled on Current Sample Schedule				
MW - 30	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 30	03/09/11	Not Sampled on Current Sample Schedule				
MW - 30	05/26/11	Not Sampled on Current Sample Schedule				
MW - 30	08/19/11	Not Sampled on Current Sample Schedule				
MW - 30	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/29/12	Not Sampled on Current Sample Schedule				
MW - 30	05/02/12	Not Sampled on Current Sample Schedule				
MW - 30	08/10/12	Not Sampled on Current Sample Schedule				
MW - 30	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/23/13	Not Sampled on Current Sample Schedule				
MW - 30	05/16/13	Not Sampled on Current Sample Schedule				
MW - 30	08/21/13	Not Sampled on Current Sample Schedule				
MW - 30	11/11/13	<0.00500	<0.00500	<0.00500	<0.0150	
MW - 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				

□□□□□□□□□□

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	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				
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 - 30	02/10/22	DRY				
MW - 30	05/03/22	DRY				
MW - 30	08/02/22	DRY				
MW - 30	10/27/22	DRY				
MW - 30	02/08/23	DRY				
MW - 30	05/09/23	DRY				
MW - 30	08/24/23	DRY				
MW - 30	10/31/23	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	

□ □ □ □ □ □ □ □ □ □

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	03/17/05	Not Sampled on Current Sample Schedule				
MW - 31	06/15/05	Not Sampled on Current Sample Schedule				
MW - 31	09/14/05	Not Sampled on Current Sample Schedule				
MW - 31	12/13/05	<0.005	<0.005	<0.005	<0.005	
MW - 31	03/15/06	Not Sampled on Current Sample Schedule				
MW - 31	06/14/06	Not Sampled on Current Sample Schedule				
MW - 31	09/14/06	Not Sampled on Current Sample Schedule				
MW - 31	12/06/06	<0.001	<0.001	<0.001	<0.001	
MW - 31	03/02/07	Not Sampled on Current Sample Schedule				
MW - 31	05/24/07	Not Sampled on Current Sample Schedule				
MW - 31	08/23/07	Not Sampled on Current Sample Schedule				
MW - 31	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 31	03/04/08	Not Sampled on Current Sample Schedule				
MW - 31	06/11/08	Not Sampled on Current Sample Schedule				
MW - 31	09/10/08	Not Sampled on Current Sample Schedule				
MW - 31	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 31	02/26/09	Not Sampled on Current Sample Schedule				
MW - 31	05/22/09	Not Sampled on Current Sample Schedule				
MW - 31	08/18/09	Not Sampled on Current Sample Schedule				
MW - 31	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 31	02/22/10	Not Sampled on Current Sample Schedule				
MW - 31	06/03/10	Not Sampled on Current Sample Schedule				
MW - 31	08/26/10	Not Sampled on Current Sample Schedule				
MW - 31	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 31	03/09/11	Not Sampled on Current Sample Schedule				
MW - 31	05/26/11	Not Sampled on Current Sample Schedule				
MW - 31	08/19/11	Not Sampled on Current Sample Schedule				
MW - 31	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 31	02/29/12	Not Sampled on Current Sample Schedule				
MW - 31	05/02/12	Not Sampled on Current Sample Schedule				
MW - 31	08/10/12	Not Sampled on Current Sample Schedule				
MW - 31	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 31	02/23/13	Not Sampled on Current Sample Schedule				
MW - 31	05/16/13	Not Sampled on Current Sample Schedule				
MW - 31	08/21/13	Not Sampled on Current Sample Schedule				
MW - 31	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 31	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	

□□□□□□□□□□

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	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 - 31	02/10/22	Not Sampled on Current Sample Schedule				
MW - 31	05/02/22	Not Sampled on Current Sample Schedule				
MW - 31	08/02/22	Not Sampled on Current Sample Schedule				
MW - 31	10/27/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 31	02/08/23	Not Sampled on Current Sample Schedule				
MW - 31	05/09/23	Not Sampled on Current Sample Schedule				
MW - 31	08/22/23	Not Sampled on Current Sample Schedule				
MW - 31	10/31/23	<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	
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	

□ □ □ □ □ □ □ □ □ □

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	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	
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	

□□□□□□□□□□

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	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 - 32	02/10/22	0.00320	0.00141	0.00463	0.00612	
MW - 32	03/09/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 32	05/03/22	0.00182	0.00250	0.0148	0.02260	
MW - 32	08/03/22	0.00247	0.00347	0.0175	0.02823	
MW - 32	10/27/22	0.00261	0.00362	0.0202	0.03010	
MW - 32	02/09/23	0.00519	0.00549	0.0330	0.0527	
MW - 32	05/09/23	0.00724	0.00694	0.0335	0.0521	
MW - 32	08/23/23	0.00181	0.00199	0.0130	0.02252	
MW - 32	11/01/23	0.00356	0.00356	0.0183	0.02750	
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	

□ □ □ □ □ □ □ □ □ □

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	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 33	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 33	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 33	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 33	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 33	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 33	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 33	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 33	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 33	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 33	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 33	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 33	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 33	02/23/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	05/16/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 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				

□□□□□□□□□□

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	12/16/20	Not Sampled on Current Sample Schedule				
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 - 33	02/10/22	Not Sampled on Current Sample Schedule				
MW - 33	05/02/22	Not Sampled on Current Sample Schedule				
MW - 33	08/02/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 33	10/26/22	Not Sampled on Current Sample Schedule				
MW - 33	02/08/23	Not Sampled on Current Sample Schedule				
MW - 33	05/09/23	Not Sampled on Current Sample Schedule				
MW - 33	08/22/23	Not Sampled on Current Sample Schedule				
MW - 33	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
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	

□ □ □ □ □ □ □ □ □ □

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	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	
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 - 34	02/10/22	Not Sampled on Current Sample Schedule				
MW - 34	05/02/22	Not Sampled on Current Sample Schedule				
MW - 34	08/02/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 34	10/26/22	Not Sampled on Current Sample Schedule				
MW - 34	02/08/23	Not Sampled on Current Sample Schedule				
MW - 34	05/09/23	Not Sampled on Current Sample Schedule				
MW - 34	08/22/23	Not Sampled on Current Sample Schedule				
MW - 34	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 35	03/15/06	0.3940	0.0667	0.154	0.186	

□ □ □ □ □ □ □ □ □ □

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	06/14/06	0.3620	0.0137	0.0583	0.0709	
MW - 35	09/14/06	0.6850	<0.01	0.068	0.0626	
MW - 35	12/06/06	0.1680	0.0054	0.04	0.0421	
MW - 35	03/01/07	0.0738	0.001	0.006	0.006	
MW - 35	05/24/07	0.2460	<0.001	0.0105	0.0147	
MW - 35	08/23/07	0.0687	0.0025	0.0144	0.0187	
MW - 35	11/08/07	0.1090	0.0181	0.072	0.102	
MW - 35	03/04/08	0.1410	0.0219	0.112	0.118	
MW - 35	06/11/08	0.2850	0.0226	0.13	0.129	
MW - 35	09/10/08	0.0496	0.0057	0.0269	0.0418	
MW - 35	12/11/08	0.0931	0.0116	0.0504	0.0942	
MW - 35	02/27/09	0.0500	0.0126	0.0305	0.0711	
MW - 35	05/22/09	0.0560	0.0066	0.0208	0.0208	
MW - 35	08/18/09	0.0236	<0.001	<0.001	<0.001	
MW - 35	12/10/09	0.0098	<0.001	<0.001	0.002	
MW - 35	02/22/10	0.0104	<0.001	0.0044	0.0194	
MW - 35	06/03/10	0.0079	<0.001	<0.001	0.0067	
MW - 35	08/26/10	0.0011	<0.001	<0.001	0.0014	
MW - 35	12/01/10	0.0044	<0.001	<0.001	0.01	
MW - 35	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 35	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 35	08/19/11	0.0041	<0.001	<0.001	0.0092	
MW - 35	11/15/11	0.1690	<0.001	0.062	0.0185	
MW - 35	02/29/12	0.1460	<0.001	0.0572	0.0459	
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	

□□□□□□□□□□

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	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				
MW - 35	12/14/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 35	03/09/22	<0.00100	0.00103	<0.00100	<0.00200	
MW - 35	05/03/22	<0.00100	<0.00100	0.00237	<0.00200	
MW - 35	08/03/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 35	10/27/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 35	02/09/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 35	05/09/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 35	08/23/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 35	11/01/23	<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	

□□□□□□□□□□

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	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	
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	

□ □ □ □ □ □ □ □ □ □

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	09/09/21	Not Sampled on Current Sample Schedule				
MW - 36	12/14/21	Not Sampled on Current Sample Schedule				
MW - 36	02/10/22	Not Sampled on Current Sample Schedule				
MW - 36	05/02/22	Not Sampled on Current Sample Schedule				
MW - 36	08/02/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 36	10/26/22	Not Sampled on Current Sample Schedule				
MW - 36	02/08/23	Not Sampled on Current Sample Schedule				
MW - 36	05/09/23	Not Sampled on Current Sample Schedule				
MW - 36	08/22/23	Not Sampled on Current Sample Schedule				
MW - 36	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
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	
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	

□□□□□□□□□□

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	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 - 37	02/10/22	Not Sampled on Current Sample Schedule				
MW - 37	05/02/22	Not Sampled on Current Sample Schedule				
MW - 37	08/02/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 37	10/26/22	Not Sampled on Current Sample Schedule				
MW - 37	02/08/23	Not Sampled on Current Sample Schedule				
MW - 37	05/09/23	Not Sampled on Current Sample Schedule				
MW - 37	08/22/23	Not Sampled on Current Sample Schedule				
MW - 37	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 37	02/08/23	Not Sampled on Current Sample Schedule				
MW - 37	05/09/23	Not Sampled on Current Sample Schedule				
MW - 37	08/22/23	Not Sampled on Current Sample Schedule				
MW - 37	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
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	

□□□□□□□□□□

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	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 38	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 38	08/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 38	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 38	03/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 38	06/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 38	09/10/08	<0.001	<0.001	<0.001	<0.001	
MW - 38	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 38	02/26/09	<0.001	<0.001	<0.001	<0.001	
MW - 38	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 38	08/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 38	12/09/09	0.0070	<0.001	<0.001	<0.001	
MW - 38	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 38	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 38	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 38	12/01/10	<0.001	<0.001	<0.001	<0.001	
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	

□□□□□□□□□□

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	02/13/18	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 38	05/17/18	<0.00200	<0.00200	<0.00200	<0.00400	
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 - 38	02/10/22	Not Sampled on Current Sample Schedule				
MW - 38	05/02/22	Not Sampled on Current Sample Schedule				
MW - 38	08/02/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 38	10/26/22	Not Sampled on Current Sample Schedule				
MW - 38	02/08/23	Not Sampled on Current Sample Schedule				
MW - 38	05/09/23	Not Sampled on Current Sample Schedule				
MW - 38	08/22/23	Not Sampled on Current Sample Schedule				
MW - 38	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
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	

□□□□□□□□□□

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	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	
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 - 39	02/10/22	Not Sampled on Current Sample Schedule				
MW - 39	05/02/22	Not Sampled on Current Sample Schedule				
MW - 39	08/02/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 39	10/26/22	Not Sampled on Current Sample Schedule				
MW - 39	02/08/23	Not Sampled on Current Sample Schedule				
MW - 39	05/09/23	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 - 39	08/22/23	Not Sampled on Current Sample Schedule				
MW - 39	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
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	
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	

□□□□□□□□□□

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	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				
MW - 40	02/10/22	Not Sampled on Current Sample Schedule				
MW - 40	05/02/22	Not Sampled on Current Sample Schedule				
MW - 40	08/02/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 40	10/26/22	Not Sampled on Current Sample Schedule				
MW - 40	02/08/23	Not Sampled on Current Sample Schedule				
MW - 40	05/09/23	Not Sampled on Current Sample Schedule				
MW - 40	08/22/23	Not Sampled on Current Sample Schedule				
MW - 40	10/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
*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-1	10/27/22	<0.00011	0.0012	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.0064	<0.00011	0.017	<0.11	0.285			-	
MW-1	11/01/23	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-2	10/26/22	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[k]fluoranthene	Benzo[e]pyrene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		—	—	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	—	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L	—	—
MW-2	11/01/23	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
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-3	10/26/22	Not Sampled as part of Quarterly Monitoring Event.																	
MW-3	11/01/23	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
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.																	

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	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		—	—	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	—	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		—	
MW-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-4	10/27/22	<0.00010	0.0015	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0079	<0.00010	0.021	<0.00010	0.319		-	
MW-4	11/01/23	0.065	0.038	0.13	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.22	<0.00011	0.37	<0.00011	7.4		-	
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	
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-6	10/28/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/01/23	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.																		

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-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-7	10/26/22	Not Sampled due to the presence of PSH.																		
MW-7	11/01/23	Not Sampled due to the presence of PSH.																		
MW-9	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000278	0.000431	<0.000184	0.000624	
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	0.00149	0.0013	0.00042	0.000837	
MW-9	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/27/12	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-9	10/27/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/01/23	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.																		

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-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-10	10/28/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/01/23	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.																		
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	<0.00010	0.0037	<0.00010	0.0051	<0.00010	0.164		0.0047	
MW-11	10/27/22	<0.00010	<0.00020	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0079	<0.00010	<0.00010	0.016	0.35		-	
MW-11	11/01/23	0.012	0.0061	0.016	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.036	<0.00011	0.042	<0.00011	0.96		-	
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.																		

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-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-12	10/26/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/01/23	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.																		
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-13	10/26/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/01/23	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	0.0116	<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	0.00106	<0.000183	0.000973	<0.000183	0.0355	0.0256	0.0224	0.00178	

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	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		—	—	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	—	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		—	
MW-14	11/27/12	<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	0.0054	<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	0.00138	<0.000200	<0.000200	<0.000200	0.00927	0.0457	0.0124	
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	
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	
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	0.00201	<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	0.00040	<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	0.00067	<0.000099	0.00061	<0.000099	<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-14	10/27/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	11/01/23	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	
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	
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.																		
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-15	10/26/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	

TABLE 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-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	<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-16	10/26/22	DRY																		
MW-16	11/01/23	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	<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	<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.																		
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-17	10/26/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/01/23	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-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	<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	<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-18	10/26/22	DRY																		
MW-18	11/01/23	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	<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	<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.																		
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-19	10/26/22	DRY																		

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

Page 10 of 19

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-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-24	10/27/22	Not Sampled as part of Quarterly Monitoring Event.																		
	MW-24	11/01/23	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.																			
MW-25	10/26/22	Not Sampled as part of Quarterly Monitoring Event.																			
MW-25	11/01/23	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-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	<0.000183	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	<0.000184	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-26	10/28/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	11/01/23	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	<0.000183	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	<0.000184	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-28	10/28/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/01/23	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-29	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000628	<0.000183	0.000394	<0.000183	0.00944	0.00384	0.00161	0.000995
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	<0.000183	0.0136	0.00668	0.00332	0.00125
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-29	10/28/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-29	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
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	<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-30	10/26/22	DRY																		
MW-30	11/01/23	DRY																		

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	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
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	<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.																		
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-31	10/26/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-31	11/01/23	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-32	10/27/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-32	11/01/23	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	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.																		
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-33	10/26/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-33	11/01/23	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-34	10/26/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-34	11/01/23	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	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.																		
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-35	10/27/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-35	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-36	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000315	<0.000184	0.00744	0.0012	0.000186	0.000517	
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	0.000516	<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-36	10/26/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-36	11/01/23	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-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.																		
MW-37	10/26/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-37	11/01/23	Not Sampled as part of Quarterly Monitoring Event.																		
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	<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	<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-38	10/26/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-38	11/01/23	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	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		--	--	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	--	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L		0.03 mg/L		--
MW-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	<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	<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-39	10/26/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-39	11/01/23	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	<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	<0.000185
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.																		
MW-40	10/27/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-40	11/01/23	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			---

TABLE 7

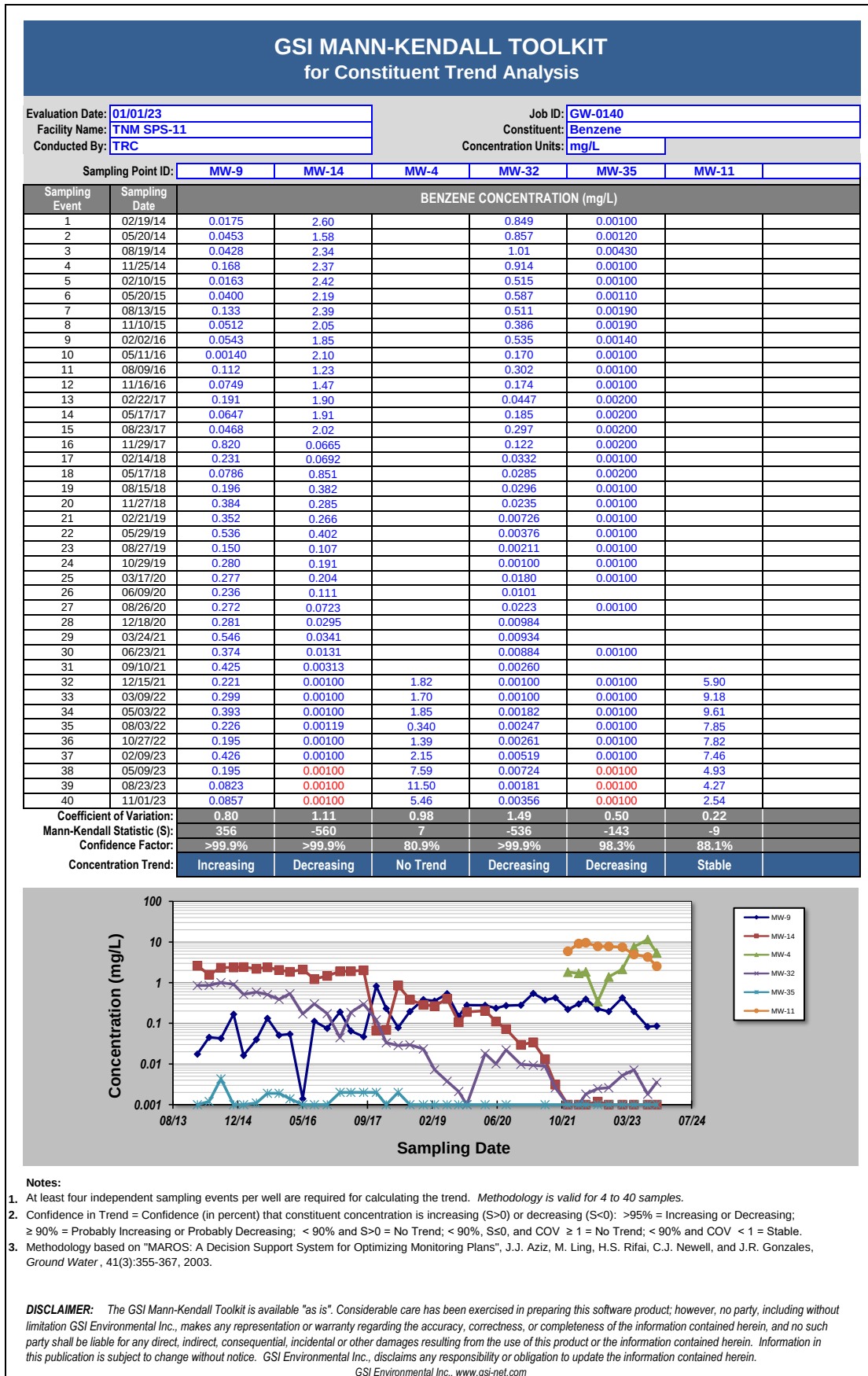


TABLE 8

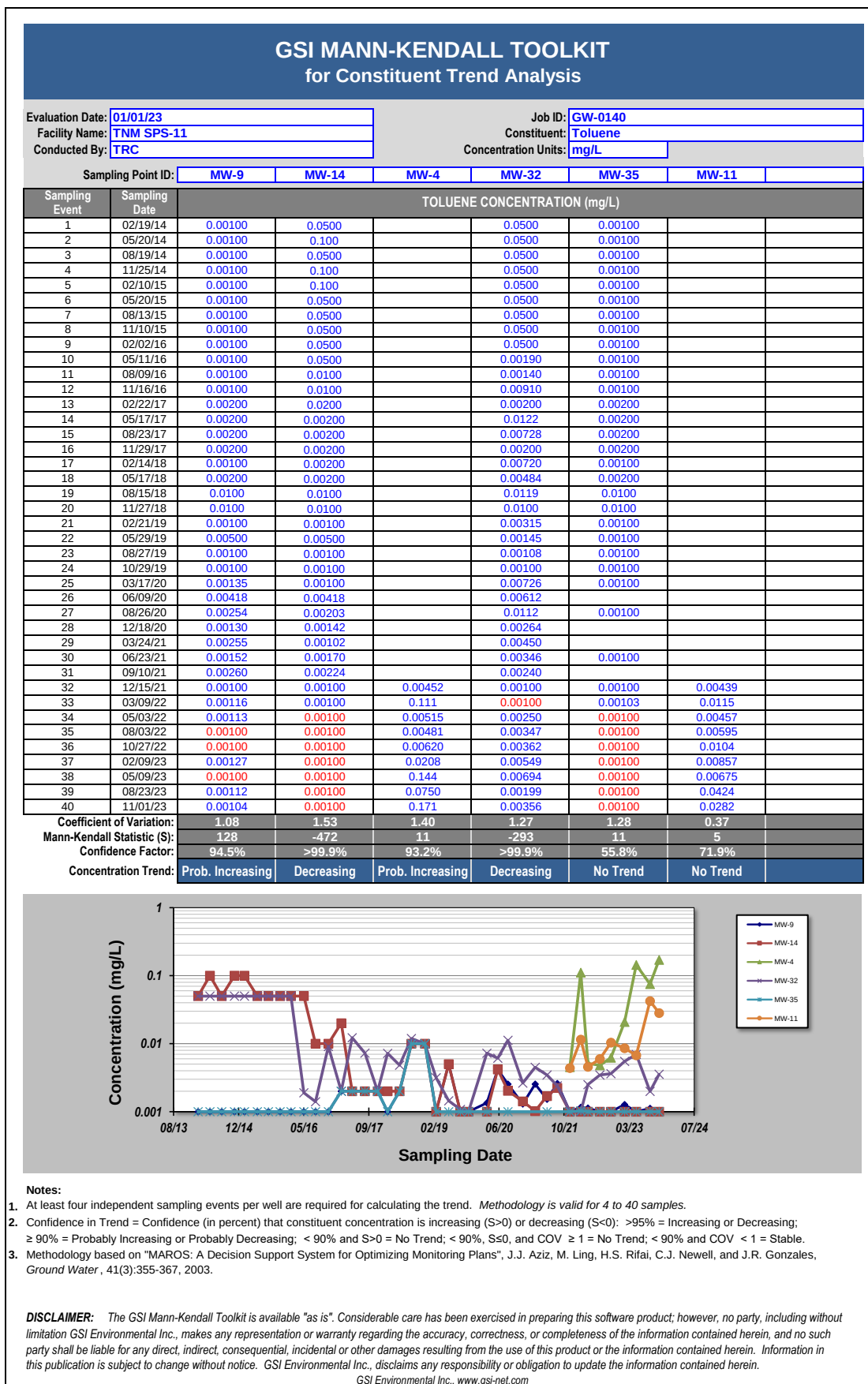


TABLE 9

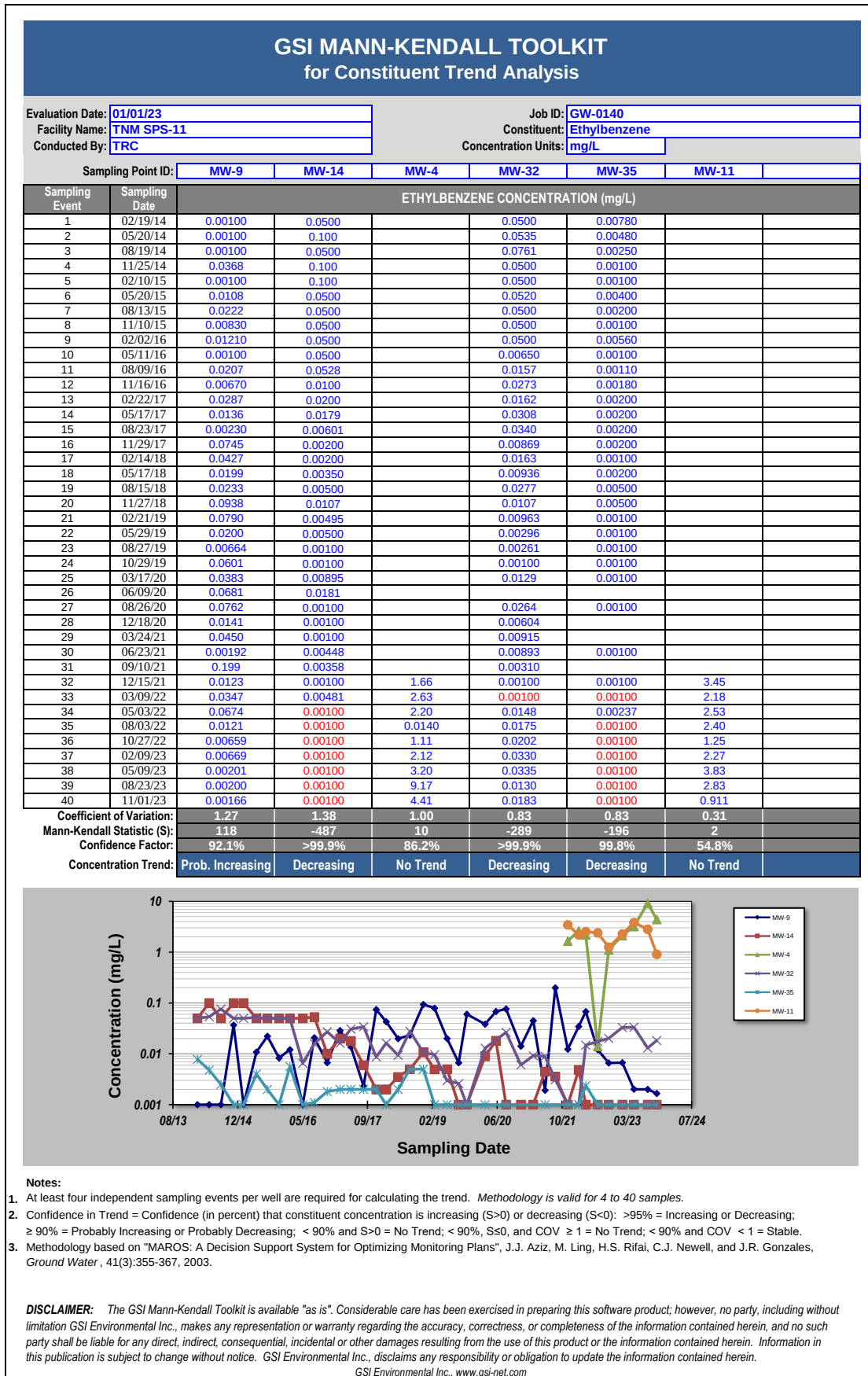


TABLE 10

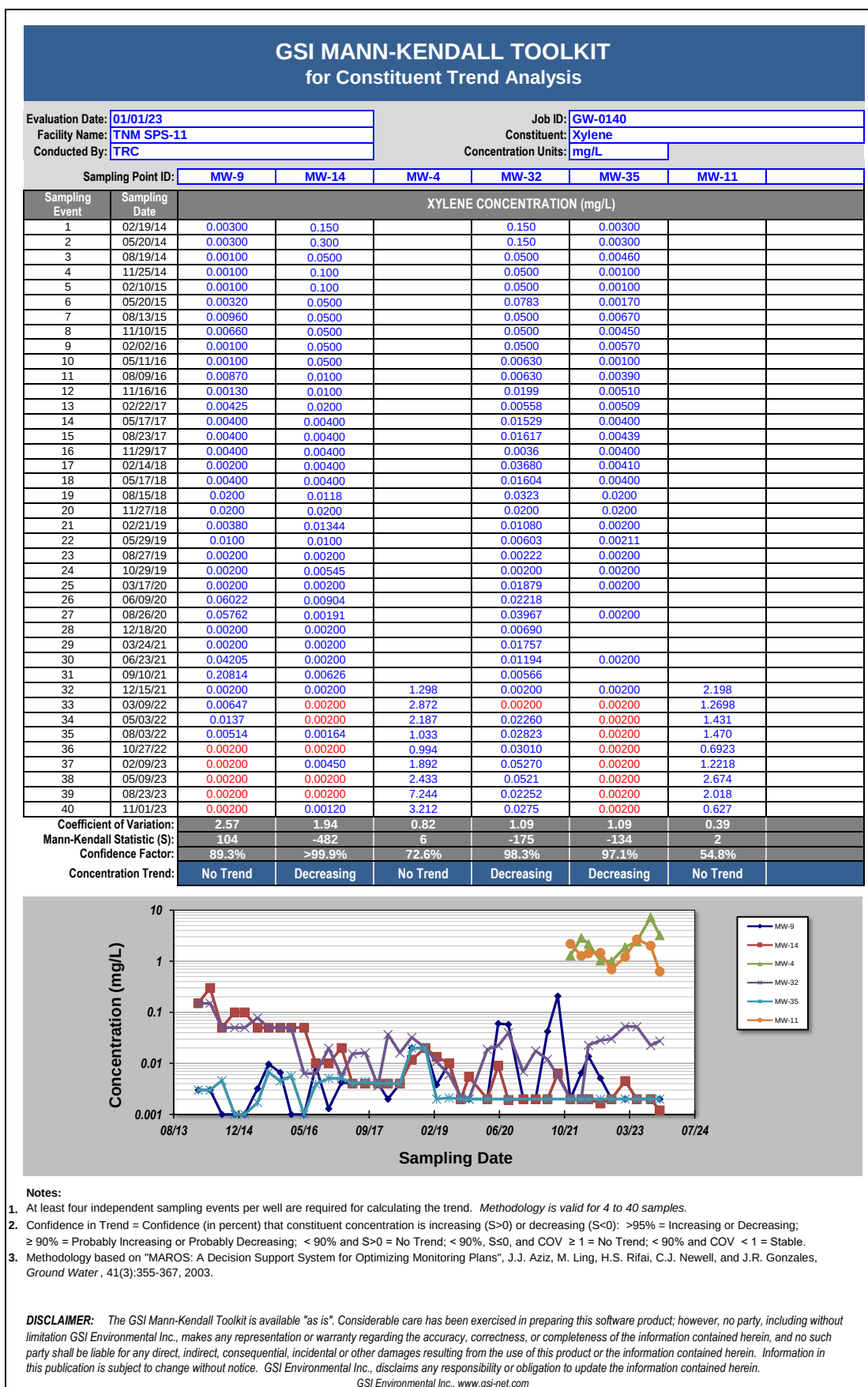
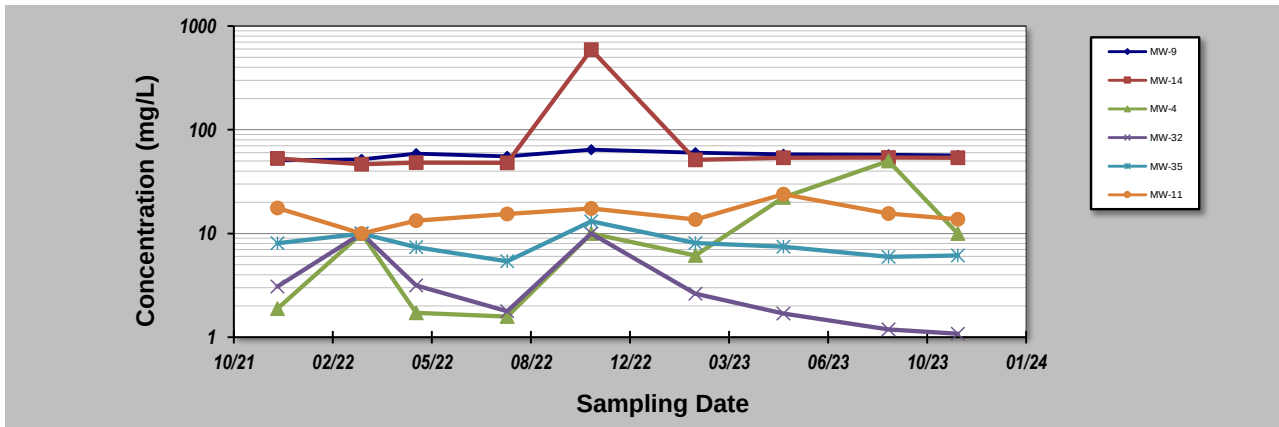


TABLE 11

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23	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	03/09/22	51.9	46.5	10.0	10.0	10.0	10.0	
3	05/03/22	58.9	48.2	1.72	3.16	7.38	13.3	
4	08/03/22	55.5	48.0	1.58	1.78	5.39	15.4	
5	10/27/22	64.3	592	10.0	10.0	13.1	17.4	
6	02/09/23	60.2	51.4	6.13	2.62	8.11	13.6	
7	05/09/23	58.1	53.7	22.3	1.69	7.45	23.9	
8	08/23/23	57.5	54.0	50.0	1.19	5.94	15.6	
9	11/01/23	56.4	53.6	10.0	1.08	6.14	13.7	
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:	0.07	1.62	1.22	0.93	0.30	0.25		
Mann-Kendall Statistic (S):	8	14	15	-23	-10	6		
Confidence Factor:	76.2%	91.0%	92.5%	99.1%	82.1%	69.4%		
Concentration Trend:	No Trend	Prob. Increasing	Prob. Increasing	Decreasing	Stable	No 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.

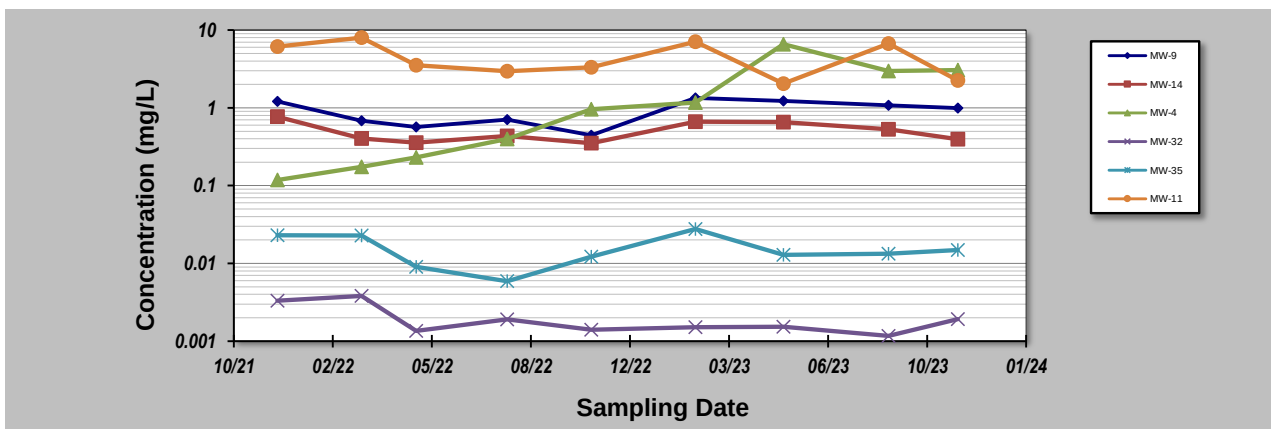
DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI Environmental Inc., www.gsi-net.com

TABLE 12

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23			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	03/09/22	0.683	0.404	0.174	0.00382	0.0229	7.98	
3	05/03/22	0.567	0.356	0.231	0.00136	0.00903	3.52	
4	08/03/22	0.708	0.436	0.398	0.00191	0.00590	2.95	
5	10/27/22	0.444	0.351	0.957	0.00140	0.0122	3.31	
6	02/09/23	1.34	0.665	1.17	0.00151	0.0277	7.06	
7	05/09/23	1.23	0.655	6.58	0.00153	0.0129	2.05	
8	08/23/23	1.08	0.529	2.98	0.00117	0.0133	6.70	
9	11/01/23	0.990	0.395	3.06	0.00192	0.0149	2.25	
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.35	0.31	1.23	0.47	0.46	0.49	
Mann-Kendall Statistic (S):		4	-4	32	-8	2	-12	
Confidence Factor:		61.9%	61.9%	>99.9%	76.2%	54.0%	87.0%	
Concentration Trend:		No Trend	Stable	Increasing	Stable	No Trend	Stable	

**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.

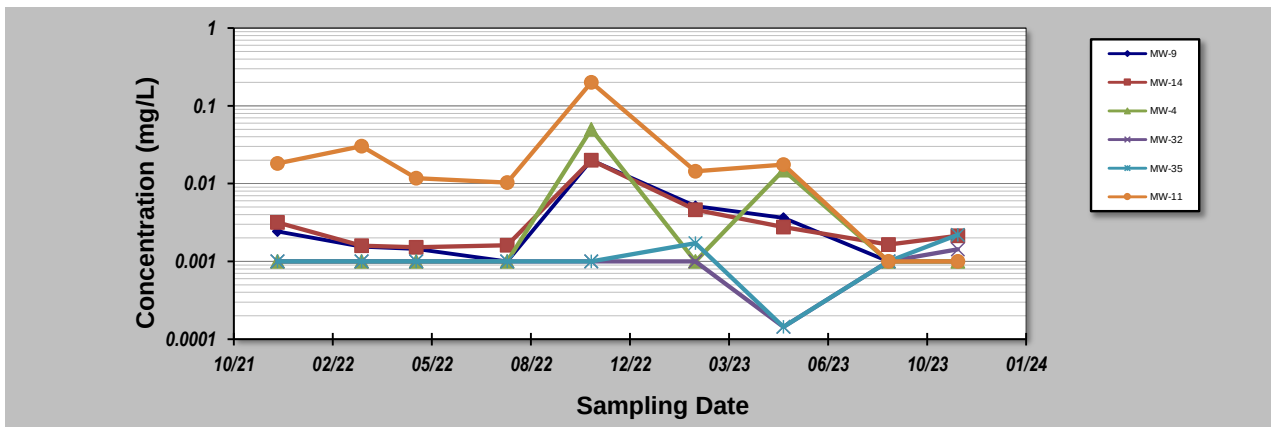
DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI Environmental Inc., www.gsi-net.com

TABLE 13

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23			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	03/09/22	0.00155	0.00159	0.00100	0.00100	0.00100	0.0302	
3	05/03/22	0.00145	0.00152	0.00100	0.00100	0.00100	0.0117	
4	08/03/22	0.00100	0.00161	0.00100	0.00100	0.00100	0.0103	
5	10/27/22	0.0200	0.0200	0.0500	0.00100	0.00100	0.200	
6	02/09/23	0.00513	0.00460	0.00100	0.00100	0.00171	0.0144	
7	05/09/23	0.00362	0.00276	0.0149	0.000144	0.000144	0.0175	
8	08/23/23	0.00100	0.00165	0.00100	0.00100	0.00100	0.00100	
9	11/01/23	0.00100	0.00214	0.00100	0.00143	0.00220	0.00100	
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		1.48	1.37	2.05	0.35	0.51	1.86	
Mann-Kendall Statistic (S):		-9	4	3	3	7	-15	
Confidence Factor:		79.2%	61.9%	58.0%	58.0%	72.8%	92.5%	
Concentration Trend:		No Trend	No Trend	No Trend	No Trend	No Trend	Prob. Decreasing	



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.

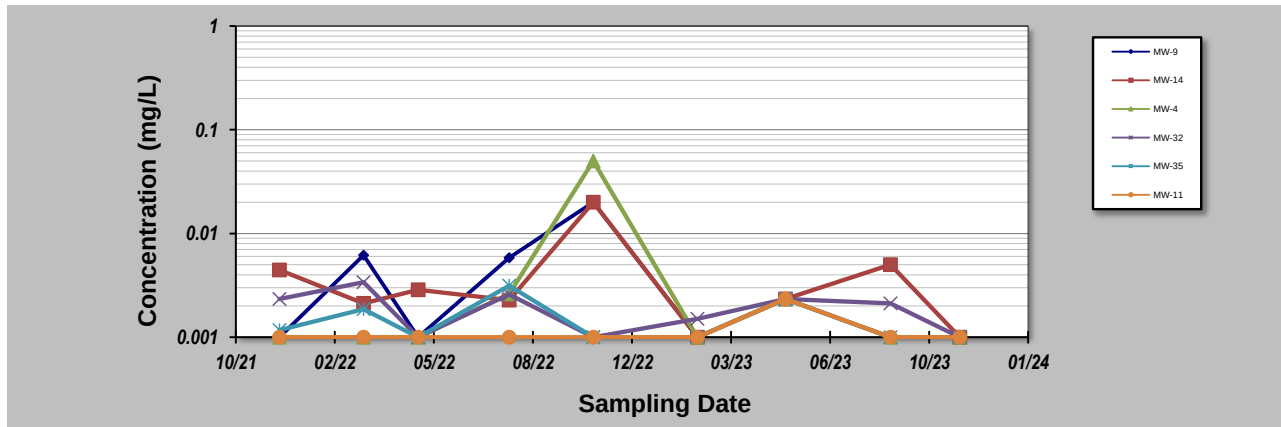
DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI Environmental Inc., www.gsi-net.com

TABLE 14

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/00/00			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	03/09/22	0.00617	0.00212	0.00100	0.00339	0.00186	0.00100	
3	05/03/22	0.00100	0.00287	0.00100	0.00100	0.00100	0.00100	
4	08/03/22	0.00584	0.00228	0.00261	0.00259	0.00314	0.00100	
5	10/27/22	0.0200	0.0200	0.0500	0.00100	0.00100	0.00100	
6	02/09/23	0.00100	0.00100	0.00100	0.00150	0.00100	0.00100	
7	05/09/23	0.00234	0.00234	0.00234	0.00234	0.00234	0.00234	
8	08/23/23	0.00100	0.00499	0.00100	0.00212	0.00100	0.00100	
9	11/01/23	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100	
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:	1.43	1.30	2.40	0.44	0.52	0.39		
Mann-Kendall Statistic (S):	-6	-5	1	-9	-8	4		
Confidence Factor:	69.4%	65.7%	50.0%	79.2%	76.2%	61.9%		
Concentration Trend:	No Trend	No Trend	No Trend	Stable	Stable	No 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.

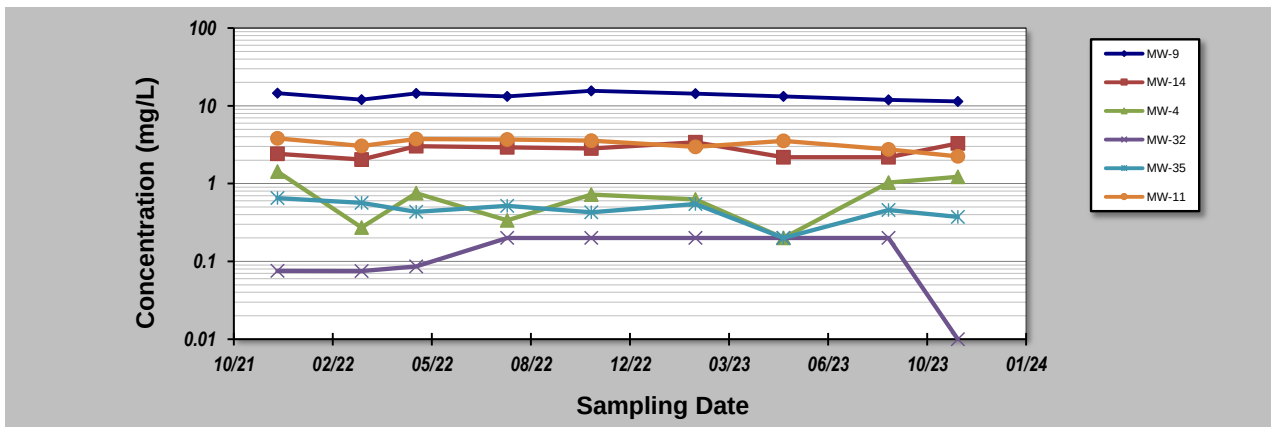
DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI Environmental Inc., www.gsi-net.com

TABLE 15

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23			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	03/09/22	12.0	2.04	0.273	0.0752	0.566	3.05	
3	05/03/22	14.4	3.03	0.754	0.0860	0.435	3.73	
4	08/03/22	13.2	2.92	0.337	0.200	0.519	3.70	
5	10/27/22	15.6	2.82	0.721	0.200	0.429	3.57	
6	02/09/23	14.3	3.40	0.628	0.200	0.547	2.96	
7	05/09/23	13.2	2.19	0.200	0.200	0.200	3.55	
8	08/23/23	11.9	2.18	1.03	0.200	0.457	2.75	
9	11/01/23	11.4	3.29	1.22	0.0100	0.372	2.24	
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.11	0.19	0.59	0.55	0.28	0.17	
Mann-Kendall Statistic (S):		-17	4	2	8	-20	-26	
Confidence Factor:		95.1%	61.9%	54.0%	76.2%	97.8%	99.7%	
Concentration Trend:		Decreasing	No Trend	No Trend	No Trend	Decreasing	Decreasing	



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.

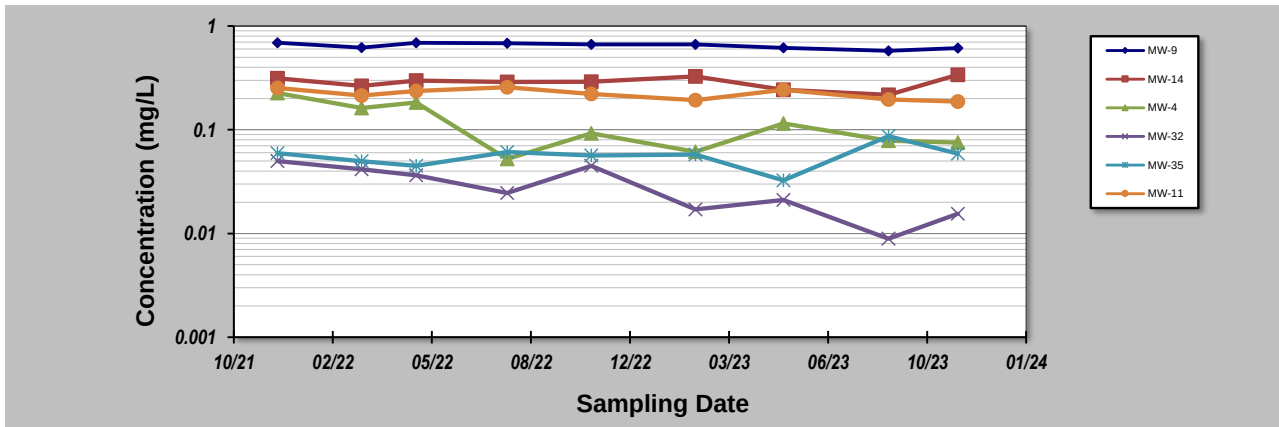
DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI Environmental Inc., www.gsi-net.com

TABLE 16

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23	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	03/09/22	0.618	0.265	0.162	0.0416	0.0496	0.214	
3	05/03/22	0.689	0.298	0.183	0.0364	0.0449	0.237	
4	08/03/22	0.683	0.289	0.0523	0.0245	0.0611	0.257	
5	10/27/22	0.665	0.291	0.0923	0.0448	0.0566	0.221	
6	02/09/23	0.665	0.326	0.0614	0.0171	0.0576	0.193	
7	05/09/23	0.616	0.243	0.115	0.0211	0.0325	0.243	
8	08/23/23	0.577	0.217	0.0782	0.00890	0.0867	0.196	
9	11/01/23	0.613	0.339	0.0752	0.0155	0.0590	0.187	
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:	0.06	0.14	0.52	0.51	0.26	0.12		
Mann-Kendall Statistic (S):	-25	-2	-16	-26	4	-16		
Confidence Factor:	99.6%	54.0%	94.0%	99.7%	61.9%	94.0%		
Concentration Trend:	Decreasing	Stable	Prob. Decreasing	Decreasing	No Trend	Prob. Decreasing		



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.

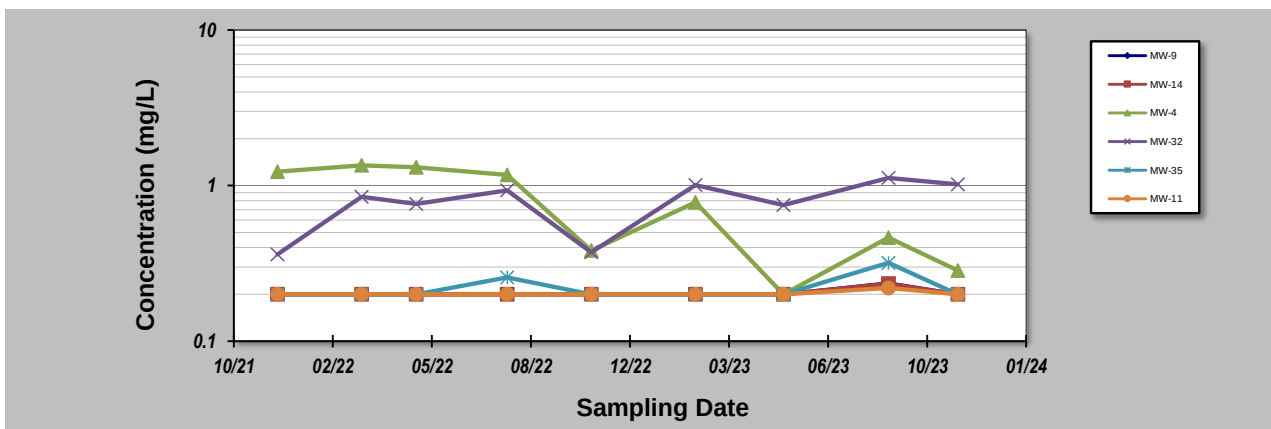
DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI Environmental Inc., www.gsi-net.com

TABLE 17

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23			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	03/09/22	0.200	0.200	1.35	0.849	0.200	0.200	
3	05/03/22	0.200	0.200	1.31	0.763	0.200	0.200	
4	08/03/22	0.200	0.200	1.17	0.933	0.257	0.200	
5	10/27/22	0.200	0.200	0.383	0.372	0.200	0.200	
6	02/09/23	0.200	0.200	0.781	1.01	0.200	0.200	
7	05/09/23	0.200	0.200	0.200	0.750	0.200	0.200	
8	08/23/23	0.236	0.234	0.464	1.12	0.319	0.220	
9	11/01/23	0.200	0.200	0.285	1.02	0.200	0.200	
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.06	0.06	0.59	0.34	0.19	0.03	
Mann-Kendall Statistic (S):		6	6	-24	18	5	6	
Confidence Factor:		69.4%	69.4%	99.4%	96.2%	65.7%	69.4%	
Concentration Trend:		No Trend	No Trend	Decreasing	Increasing	No Trend	No 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.

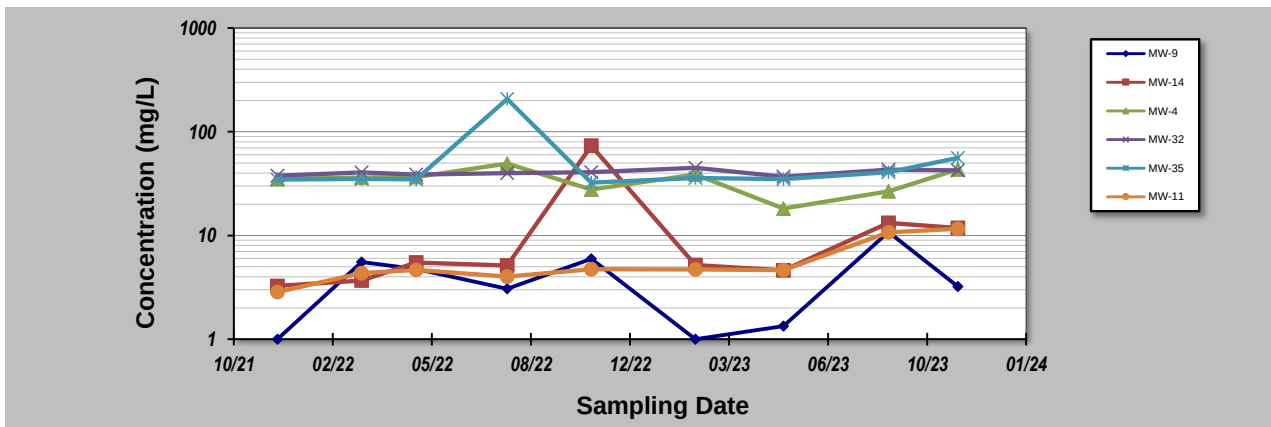
DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI Environmental Inc., www.gsi-net.com

TABLE 18

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23			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	03/09/22	5.54	3.68	36.2	40.6	35.1	4.34	
3	05/03/22	4.76	5.48	36.6	38.8	34.7	4.65	
4	08/03/22	3.06	5.12	49.3	39.9	207	4.02	
5	10/27/22	5.94	73.2	27.8	40.8	32.3	4.73	
6	02/09/23	1.00	5.18	38.7	44.9	35.8	4.70	
7	05/09/23	1.34	4.61	18.2	36.9	35.0	4.64	
8	08/23/23	10.8	13.2	26.6	43.2	40.8	10.7	
9	11/01/23	3.22	11.8	43.3	42.5	55.8	11.6	
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.77	1.61	0.27	0.06	1.00	0.53	
Mann-Kendall Statistic (S):		5	16	0	14	14	24	
Confidence Factor:		65.7%	94.0%	46.0%	91.0%	91.0%	99.4%	
Concentration Trend:		No Trend	Prob. Increasing	Stable	Prob. Increasing	Prob. Increasing	Increasing	



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.

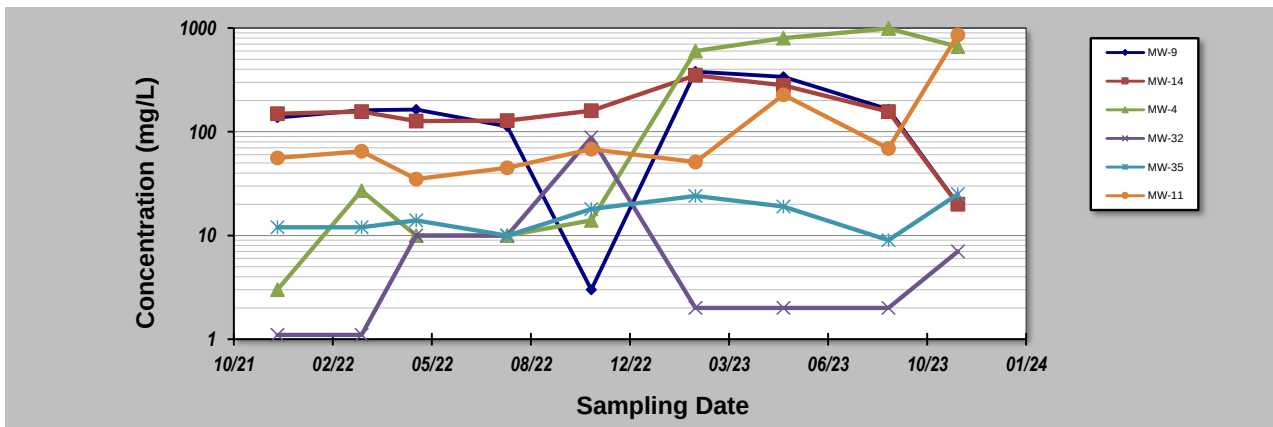
DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI Environmental Inc., www.gsi-net.com

TABLE 19

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23			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	03/09/22	161	156	27.0	1.10	12.0	65.0	
3	05/03/22	164	127	10.0	10.0	14.0	35.0	
4	08/03/22	113	128	10.0	10.0	10.0	45.0	
5	10/27/22	3.00	160	14.0	88.0	18.0	68.0	
6	02/09/23	380	350	600	2.00	24.0	51.0	
7	05/09/23	338	280	799	2.00	19.0	227	
8	08/23/23	165	156	991	2.00	9.00	69.0	
9	11/01/23	20.0	20.0	660	7.0	25.0	860	
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.77	0.56	1.18	2.05	0.37	1.63	
Mann-Kendall Statistic (S):		2	3	25	7	13	20	
Confidence Factor:		54.0%	58.0%	99.6%	72.8%	89.0%	97.8%	
Concentration Trend:		No Trend	No Trend	Increasing	No Trend	No Trend	Increasing	



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.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI Environmental Inc., www.gsi-net.com

**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: 3B10002



Current Certification

Report Date: 02/15/23

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-10	3B10002-01	Water	02/08/23 11:15	02-10-2023 09:00
MW-6	3B10002-02	Water	02/08/23 12:25	02-10-2023 09:00
MW-28	3B10002-03	Water	02/08/23 13:00	02-10-2023 09:00
MW-26	3B10002-04	Water	02/08/23 13:20	02-10-2023 09:00

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-10
3B10002-01 (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	P3B1010	02/10/23 13:59	02/11/23 02:10	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 02:10	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 02:10	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 02:10	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 02:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	172 %		80-120		P3B1010	02/10/23 13:59	02/11/23 02:10	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	81.8 %		80-120		P3B1010	02/10/23 13:59	02/11/23 02:10	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-6
3B10002-02 (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	P3B1010	02/10/23 13:59	02/11/23 02:31	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 02:31	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 02:31	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 02:31	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 02:31	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	196 %		80-120		P3B1010	02/10/23 13:59	02/11/23 02:31	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	81.3 %		80-120		P3B1010	02/10/23 13:59	02/11/23 02:31	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-28
3B10002-03 (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	P3B1010	02/10/23 13:59	02/11/23 02:53	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 02:53	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 02:53	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 02:53	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 02:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	194 %		80-120		P3B1010	02/10/23 13:59	02/11/23 02:53	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	80.6 %		80-120		P3B1010	02/10/23 13:59	02/11/23 02:53	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-26
3B10002-04 (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	P3B1010	02/10/23 13:59	02/11/23 03:14	EPA 8021B	
Toluene	0.00121	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 03:14	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 03:14	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 03:14	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 03:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	190 %		80-120		P3B1010	02/10/23 13:59	02/11/23 03:14	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	82.6 %		80-120		P3B1010	02/10/23 13:59	02/11/23 03:14	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3B1010 - *** DEFAULT PREP ***

Blank (P3B1010-BLK1)		Prepared: 02/10/23 Analyzed: 02/11/23								
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	0.209		"	0.120		174	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0975		"	0.120		81.2	80-120			

LCS (P3B1010-BS1)		Prepared: 02/10/23 Analyzed: 02/11/23								
Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.229	0.00200	"	0.200		114	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.215		"	0.120		179	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0987		"	0.120		82.3	80-120			

LCS Dup (P3B1010-BSD1)		Prepared: 02/10/23 Analyzed: 02/11/23								
Benzene	0.119	0.00100	mg/L	0.100		119	80-120	0.110	20	
Toluene	0.117	0.00100	"	0.100		117	80-120	5.43	20	
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120	7.34	20	
Xylene (p/m)	0.239	0.00200	"	0.200		120	80-120	4.52	20	
Xylene (o)	0.113	0.00100	"	0.100		113	80-120	5.73	20	
Surrogate: 4-Bromofluorobenzene	0.228		"	0.120		190	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0984		"	0.120		82.0	80-120			

Calibration Blank (P3B1010-CCB1)		Prepared: 02/10/23 Analyzed: 02/11/23								
Benzene	0.140		ug/l							
Toluene	0.460		"							
Ethylbenzene	0.650		"							
Xylene (p/m)	1.37		"							
Xylene (o)	0.830		"							
Surrogate: 4-Bromofluorobenzene	0.235		"	0.120		196	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0960		"	0.120		80.0	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.

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3B1010 - *** DEFAULT PREP ***

Calibration Blank (P3B1010-CCB2)				Prepared & Analyzed: 02/10/23						
Benzene	0.00		ug/l							
Toluene	0.480		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.180		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		88.8	80-120			

Calibration Check (P3B1010-CCV1)				Prepared: 02/10/23 Analyzed: 02/11/23						
Benzene	0.116	0.00100	mg/L	0.100		116	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200		116	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	0.192		"	0.120		160	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0983		"	0.120		81.9	80-120			

Calibration Check (P3B1010-CCV2)				Prepared & Analyzed: 02/10/23						
Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.119	0.00100	"	0.100		119	80-120			
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120			
Xylene (p/m)	0.240	0.00200	"	0.200		120	80-120			
Xylene (o)	0.119	0.00100	"	0.100		119	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.6	80-120			

Calibration Check (P3B1010-CCV3)				Prepared: 02/10/23 Analyzed: 02/11/23						
Benzene	0.118	0.00100	mg/L	0.100		118	80-120			
Toluene	0.119	0.00100	"	0.100		119	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.231	0.00200	"	0.200		115	80-120			
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 4-Bromofluorobenzene	0.187		"	0.120		155	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0964		"	0.120		80.3	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	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3B1010 - *** DEFAULT PREP ***

Matrix Spike (P3B1010-MS1)		Source: 3B10002-01		Prepared: 02/10/23		Analyzed: 02/11/23				
Benzene	0.115	0.00100	mg/L	0.100	ND	115	80-120			
Toluene	0.112	0.00100	"	0.100	ND	112	80-120			
Ethylbenzene	0.118	0.00100	"	0.100	ND	118	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200	ND	117	80-120			
Xylene (o)	0.109	0.00100	"	0.100	ND	109	80-120			
Surrogate: 4-Bromofluorobenzene	0.227		"	0.120		189	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.102		"	0.120		85.0	80-120			
Matrix Spike Dup (P3B1010-MSD1)		Source: 3B10002-01		Prepared: 02/10/23		Analyzed: 02/11/23				
Benzene	0.112	0.00100	mg/L	0.100	ND	112	80-120	2.45	20	
Toluene	0.109	0.00100	"	0.100	ND	109	80-120	2.70	20	
Ethylbenzene	0.112	0.00100	"	0.100	ND	112	80-120	4.70	20	
Xylene (p/m)	0.234	0.00200	"	0.200	ND	117	80-120	0.146	20	
Xylene (o)	0.106	0.00100	"	0.100	ND	106	80-120	2.10	20	
Surrogate: 4-Bromofluorobenzene	0.194		"	0.120		161	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0991		"	0.120		82.6	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

Notes and Definitions

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

ROI Received on Ice

pH1 The Regulatory Holding time for pH is 15 minutes, 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: 2/15/2023

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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

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



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Page 11 of 11

Project Manager: Curt Stanley

Project Name: SPS-11

Company Name: TRC Environmental Corporation

Project #: SRS: TNM SPS-11

Company Address: 10 Desta Drive, Ste 130E

Project Loc: Lea County, NM

City/State/Zip: Midland TX 79705

PO #:

Telephone No: (432) 520-7720

Report Format: ☒ Standard ☐ TRRP ☐ NPDESSampler Signature: Paul Jones e-mail: cdstanley@trccompanies.com
clbryant@paalp.com
khudgens@paalp.com

ORDER #: 3B10002

(lab use only)

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TOC MW 5310

Dissolved Methane, Ethane, and

Ethene by RSK-175

Total Dissolved Metals (Fe and Mn)

by SW 6010

Nitrate and Sulfate by E300

COD by SM 5310

Total BTEX by 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	TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate by E300	COD by SM 5310	Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
2-8-23	MMW-10			2-8-23	1115	1	3	X	3	3						GW									X	X
2-8-23	MMW-6			2-8-23	1225	1	3	X	3	3						GW									X	X
2-8-23	MMW-28			2-8-23	1300	1	3	X	3	3						GW									X	X
2-8-23	MMW-26			2-8-23	1320	1	3	X	3	3						GW									X	X
	MMW-16					1	3	X	3	3						GW									X	X
	MMW-19					1	3	X	3	3						GW									X	X
	MMW-21					1	3	X	3	3						GW									X	X
	MMW-30					1	3	X	3	3						GW									X	X
	MMW-18					1	3	X	3	3						GW									X	X

Laboratory Comments:

BILL TO PLAINS

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by PBEL:

Date

Time

Sample Containers Intact? ☒ Y ☐ N

VOCs Free of Headspace? ☒ Y ☐ N

Labels on containers? ☒ Y ☐ N

Custody seals on container(s)? ☒ Y ☐ N

Custody seals on cooler(s)? ☒ Y ☐ N

Sample Hand Delivered by Sampler/Client Rep? ☒ Y ☐ N

by Courier? ☒ UPS ☐ DHL ☐ FedEx ☐ Lone Star

Temperature Upon Receipt: ☒ °C ☐ °F

Adjusted: ☒ ☐ Factor

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



Analytical Report

Prepared for:

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

Project: SPS-11_MNA
Project Number: TNM SPS-11 MNA
Location: Lea County, New Mexico
Lab Order Number: 3B10003



Current Certification

Report Date: 03/20/23

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

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

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW- 35	3B10003-01	Water	02/09/23 09:50	02-10-2023 09:00
MW- 14	3B10003-02	Water	02/09/23 11:00	02-10-2023 09:00
MW- 32	3B10003-03	Water	02/09/23 11:51	02-10-2023 09:00
MW- 9	3B10003-04	Water	02/09/23 12:27	02-10-2023 09:00
MW- 4	3B10003-05	Water	02/09/23 13:09	02-10-2023 09:00
MW- 11	3B10003-06	Water	02/09/23 14:05	02-10-2023 09:00

Dissolved Gasses and TOC 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

Due to a failure in our ICP, we also had to send out the dissolve Manganese and Iron to ALS . Pricing will not be affected by this.

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 35
3B10003-01 (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	P3B1010	02/10/23 13:59	02/11/23 03:35	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 03:35	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 03:35	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 03:35	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 03:35	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	200 %		80-120		P3B1010	02/10/23 13:59	02/11/23 03:35	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	80.8 %		80-120		P3B1010	02/10/23 13:59	02/11/23 03:35	EPA 8021B	
Ethane	0.00171	0.00100	mg/L	1	P3B2212	02/17/23 08:13	02/17/23 08:13	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P3B2212	02/17/23 08:13	02/17/23 08:13	8015M	SUB-13
Methane	0.0277	0.00500	mg/L	1	P3B2212	02/17/23 08:13	02/17/23 08:13	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	24.0	2.00	mg/L	1	P3B2301	02/24/23 14:47	02/24/23 15:10	8000	
Nitrate as N	ND	0.200	mg/L	1	P3B1006	02/10/23 11:40	02/10/23 20:21	EPA 300.0	
Sulfate	35.8	1.00	mg/L	1	P3B1006	02/10/23 11:40	02/10/23 20:21	EPA 300.0	
Total Organic Carbon	8.11	1.00	mg/L	1	P3B2212	02/20/23 16:30	02/20/23 16:30	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.547	0.200	mg/L	1	P3B2107	03/16/23 12:30	03/16/23 22:00	EPA 6020A	SUB-13
Manganese	0.0576	0.00500	mg/L	1	P3B2107	03/16/23 12:30	03/16/23 22:00	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 14
3B10003-02 (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	P3B1010	02/10/23 13:59	02/11/23 03:56	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 03:56	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 03:56	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 03:56	EPA 8021B	
Xylene (o)	0.00450	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 03:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	196 %	80-120			P3B1010	02/10/23 13:59	02/11/23 03:56	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	81.8 %	80-120			P3B1010	02/10/23 13:59	02/11/23 03:56	EPA 8021B	
Ethane	0.00460	0.00100	mg/L	1	P3B2212	02/17/23 08:13	02/17/23 08:55	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P3B2212	02/17/23 08:13	02/17/23 08:55	8015M	SUB-13
Methane	0.665	0.250	mg/L	1	P3B2212	02/17/23 08:13	02/17/23 10:39	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	350	2.00	mg/L	1	P3B2301	02/24/23 14:47	02/28/23 11:28	8000	
Nitrate as N	ND	0.200	mg/L	1	P3B1006	02/10/23 11:40	02/10/23 21:04	EPA 300.0	
Sulfate	5.18	1.00	mg/L	1	P3B1006	02/10/23 11:40	02/10/23 21:04	EPA 300.0	
Total Organic Carbon	51.4	2.00	mg/L	1	P3B2212	02/21/23 15:50	02/21/23 15:50	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	3.40	0.200	mg/L	1	P3B2107	03/16/23 12:30	03/16/23 22:02	EPA 6020A	SUB-13
Manganese	0.326	0.00500	mg/L	1	P3B2107	03/16/23 12:30	03/16/23 22:02	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 32
3B10003-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.00519	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 04:17	EPA 8021B	
Toluene	0.00549	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 04:17	EPA 8021B	
Ethylbenzene	0.0330	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 04:17	EPA 8021B	
Xylene (p/m)	0.0385	0.00200	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 04:17	EPA 8021B	
Xylene (o)	0.0142	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 04:17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	197 %	80-120			P3B1010	02/10/23 13:59	02/11/23 04:17	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	80.6 %	80-120			P3B1010	02/10/23 13:59	02/11/23 04:17	EPA 8021B	
Ethane	ND	0.00100	mg/L	1	P3B2212	02/17/23 08:13	02/17/23 10:56	8015M	SUB-13
Ethene	0.00150	0.00100	mg/L	1	P3B2212	02/17/23 08:13	02/17/23 10:56	8015M	SUB-13
Methane	0.00151	0.00151	mg/L	1	P3B2212	02/17/23 08:13	02/17/23 10:56	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	ND	2.00	mg/L	1	P3B2301	02/24/23 14:47	02/28/23 11:28	8000	
Nitrate as N	1.01	0.200	mg/L	1	P3B1006	02/10/23 11:40	02/10/23 21:18	EPA 300.0	
Sulfate	44.9	1.00	mg/L	1	P3B1006	02/10/23 11:40	02/10/23 21:18	EPA 300.0	
Total Organic Carbon	2.62	1.00	mg/L	1	P3B2212	02/20/23 16:58	02/20/23 16:58	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P3B2107	03/16/23 12:30	03/16/23 22:04	EPA 6020A	SUB-13
Manganese	0.0171	0.00500	mg/L	1	P3B2107	03/16/23 12:30	03/16/23 22:04	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 9
3B10003-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.426	0.0100	mg/L	10	P3B1010	02/10/23 13:59	02/14/23 12:57	EPA 8021B	
Toluene	0.00127	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 04:39	EPA 8021B	
Ethylbenzene	0.00669	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 04:39	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 04:39	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/11/23 04:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	188 %	80-120			P3B1010	02/10/23 13:59	02/11/23 04:39	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	87.9 %	80-120			P3B1010	02/10/23 13:59	02/11/23 04:39	EPA 8021B	
Ethane	0.00513	0.00100	mg/L	1	P3B2212	02/17/23 08:13	02/17/23 09:38	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P3B2212	02/17/23 08:13	02/17/23 09:38	8015M	SUB-13
Methane	1.34	0.250	mg/L	1	P3B2212	02/17/23 08:13	02/17/23 11:31	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	380	2.00	mg/L	1	P3B2301	02/24/23 14:47	02/28/23 11:28	8000	
Nitrate as N	ND	0.200	mg/L	1	P3B1006	02/10/23 11:40	02/10/23 21:32	EPA 300.0	
Sulfate	ND	1.00	mg/L	1	P3B1006	02/10/23 11:40	02/10/23 21:32	EPA 300.0	
Total Organic Carbon	60.2	2.00	mg/L	1	P3B2212	02/17/23 16:17	02/17/23 16:17	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	14.3	0.200	mg/L	1	P3B2107	03/16/23 12:30	03/16/23 22:06	EPA 6020A	SUB-13
Manganese	0.665	0.00500	mg/L	1	P3B2107	03/16/23 12:30	03/16/23 22:06	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 4
3B10003-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	2.15	0.0100	mg/L	10	P3B1010	02/10/23 13:59	02/14/23 13:18	EPA 8021B	
Toluene	0.0208	0.0100	mg/L	10	P3B1010	02/10/23 13:59	02/14/23 13:18	EPA 8021B	
Ethylbenzene	2.12	0.0100	mg/L	10	P3B1010	02/10/23 13:59	02/14/23 13:18	EPA 8021B	
Xylene (p/m)	1.46	0.0200	mg/L	10	P3B1010	02/10/23 13:59	02/14/23 13:18	EPA 8021B	
Xylene (o)	0.432	0.0100	mg/L	10	P3B1010	02/10/23 13:59	02/14/23 13:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	196 %	80-120			P3B1010	02/10/23 13:59	02/14/23 13:18	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	84.3 %	80-120			P3B1010	02/10/23 13:59	02/14/23 13:18	EPA 8021B	
Ethane	ND	0.00100	mg/L	1	P3B2212	02/17/23 08:13	02/17/23 09:47	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P3B2212	02/17/23 08:13	02/17/23 09:47	8015M	SUB-13
Methane	1.17	0.250	mg/L	1	P3B2212	02/17/23 08:13	02/17/23 09:47	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	600	2.00	mg/L	1	P3B2301	02/24/23 14:47	02/28/23 11:28	8000	
Nitrate as N	0.781	0.200	mg/L	1	P3B1006	02/10/23 11:40	02/10/23 21:47	EPA 300.0	
Sulfate	38.7	1.00	mg/L	1	P3B1006	02/10/23 11:40	02/10/23 21:47	EPA 300.0	
Total Organic Carbon	6.13	1.00	mg/L	1	P3B2212	02/17/23 11:41	02/17/23 11:41	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods									
Iron	0.628	0.200	mg/L	1	P3B2107	03/16/23 12:30	03/16/23 22:08	EPA 6020A	SUB-13
Manganese	0.0614	0.00500	mg/L	1	P3B2107	03/16/23 12:30	03/16/23 22:08	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 11
3B10003-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	7.46	0.0200	mg/L	20	P3B1010	02/10/23 13:59	02/11/23 06:03	EPA 8021B	
Toluene	0.00857	0.00100	mg/L	1	P3B1010	02/10/23 13:59	02/14/23 13:39	EPA 8021B	
Ethylbenzene	2.27	0.0200	mg/L	20	P3B1010	02/10/23 13:59	02/11/23 06:03	EPA 8021B	
Xylene (p/m)	1.14	0.0400	mg/L	20	P3B1010	02/10/23 13:59	02/11/23 06:03	EPA 8021B	
Xylene (o)	0.0818	0.0200	mg/L	20	P3B1010	02/10/23 13:59	02/11/23 06:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	190 %	80-120			P3B1010	02/10/23 13:59	02/11/23 06:03	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	80.4 %	80-120			P3B1010	02/10/23 13:59	02/11/23 06:03	EPA 8021B	
Ethane	0.0144	0.00100	mg/L	1	P3B2212	02/17/23 08:13	02/17/23 10:25	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P3B2212	02/17/23 08:13	02/17/23 10:25	8015M	SUB-13
Methane	7.06	1.00	mg/L	1	P3B2212	02/17/23 08:13	02/17/23 11:54	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	51.0	2.00	mg/L	1	P3B2301	02/24/23 14:47	02/28/23 11:28	8000	
Nitrate as N	ND	0.200	mg/L	1	P3B1006	02/10/23 11:40	02/10/23 22:01	EPA 300.0	
Sulfate	4.70	1.00	mg/L	1	P3B1006	02/10/23 11:40	02/10/23 22:01	EPA 300.0	
Total Organic Carbon	13.6	1.00	mg/L	1	P3B2212	02/20/23 14:23	02/20/23 14:23	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	2.96	0.200	mg/L	1	P3B2107	03/16/23 12:30	03/16/23 22:10	EPA 6020A	SUB-13
Manganese	0.193	0.00500	mg/L	1	P3B2107	03/16/23 12:30	03/16/23 22:10	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3B1010 - *** DEFAULT PREP ***

Blank (P3B1010-BLK1)		Prepared: 02/10/23 Analyzed: 02/11/23								
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	0.209		"	0.120		174	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0975		"	0.120		81.2	80-120			

LCS (P3B1010-BS1)		Prepared: 02/10/23 Analyzed: 02/11/23								
Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.229	0.00200	"	0.200		114	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.215		"	0.120		179	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0987		"	0.120		82.3	80-120			

LCS Dup (P3B1010-BSD1)		Prepared: 02/10/23 Analyzed: 02/11/23								
Benzene	0.119	0.00100	mg/L	0.100		119	80-120	0.110	20	
Toluene	0.117	0.00100	"	0.100		117	80-120	5.43	20	
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120	7.34	20	
Xylene (p/m)	0.239	0.00200	"	0.200		120	80-120	4.52	20	
Xylene (o)	0.113	0.00100	"	0.100		113	80-120	5.73	20	
Surrogate: 4-Bromofluorobenzene	0.228		"	0.120		190	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0984		"	0.120		82.0	80-120			

Calibration Blank (P3B1010-CCB1)		Prepared: 02/10/23 Analyzed: 02/11/23								
Benzene	0.140		ug/l							
Toluene	0.460		"							
Ethylbenzene	0.650		"							
Xylene (p/m)	1.37		"							
Xylene (o)	0.830		"							
Surrogate: 4-Bromofluorobenzene	0.235		"	0.120		196	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0960		"	0.120		80.0	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.

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3B1010 - *** DEFAULT PREP ***

Calibration Blank (P3B1010-CCB2)				Prepared & Analyzed: 02/10/23						
Benzene	0.00		ug/l							
Toluene	0.480		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.180		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		88.8	80-120			

Calibration Check (P3B1010-CCV1)				Prepared: 02/10/23 Analyzed: 02/11/23						
Benzene	0.116	0.00100	mg/L	0.100		116	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200		116	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	0.192		"	0.120		160	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0983		"	0.120		81.9	80-120			

Calibration Check (P3B1010-CCV2)				Prepared & Analyzed: 02/10/23						
Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.119	0.00100	"	0.100		119	80-120			
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120			
Xylene (p/m)	0.240	0.00200	"	0.200		120	80-120			
Xylene (o)	0.119	0.00100	"	0.100		119	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.6	80-120			

Calibration Check (P3B1010-CCV3)				Prepared: 02/10/23 Analyzed: 02/11/23						
Benzene	0.118	0.00100	mg/L	0.100		118	80-120			
Toluene	0.119	0.00100	"	0.100		119	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.231	0.00200	"	0.200		115	80-120			
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 4-Bromofluorobenzene	0.187		"	0.120		155	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0964		"	0.120		80.3	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	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3B1010 - *** DEFAULT PREP ***

Matrix Spike (P3B1010-MS1)		Source: 3B10002-01		Prepared: 02/10/23		Analyzed: 02/11/23				
Benzene	0.115	0.00100	mg/L	0.100	ND	115	80-120			
Toluene	0.112	0.00100	"	0.100	ND	112	80-120			
Ethylbenzene	0.118	0.00100	"	0.100	ND	118	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200	ND	117	80-120			
Xylene (o)	0.109	0.00100	"	0.100	ND	109	80-120			
Surrogate: 4-Bromofluorobenzene	0.227		"	0.120		189	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.102		"	0.120		85.0	80-120			
Matrix Spike Dup (P3B1010-MSD1)		Source: 3B10002-01		Prepared: 02/10/23		Analyzed: 02/11/23				
Benzene	0.112	0.00100	mg/L	0.100	ND	112	80-120	2.45	20	
Toluene	0.109	0.00100	"	0.100	ND	109	80-120	2.70	20	
Ethylbenzene	0.112	0.00100	"	0.100	ND	112	80-120	4.70	20	
Xylene (p/m)	0.234	0.00200	"	0.200	ND	117	80-120	0.146	20	
Xylene (o)	0.106	0.00100	"	0.100	ND	106	80-120	2.10	20	
Surrogate: 4-Bromofluorobenzene	0.194		"	0.120		161	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0991		"	0.120		82.6	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	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3B1006 - *** DEFAULT PREP ***										
Blank (P3B1006-BLK1)				Prepared & Analyzed: 02/10/23						
Nitrate as N	ND	0.200	mg/L							
Sulfate	ND	1.00	"							
LCS (P3B1006-BS1)				Prepared & Analyzed: 02/10/23						
Nitrate as N	1.99		mg/L	2.00		99.6	90-110			
Sulfate	21.7		"	20.0		109	90-110			
LCS Dup (P3B1006-BSD1)				Prepared & Analyzed: 02/10/23						
Sulfate	21.6		mg/L	20.0		108	90-110	0.655	10	
Nitrate as N	1.98		"	2.00		99.2	90-110	0.352	10	
Calibration Blank (P3B1006-CCB1)				Prepared & Analyzed: 02/10/23						
Nitrate as N	0.00		mg/L							
Sulfate	0.00		"							
Calibration Check (P3B1006-CCV1)				Prepared & Analyzed: 02/10/23						
Sulfate	21.5		mg/L	20.0		108	90-110			
Nitrate as N	2.03		"	2.00		101	90-110			
Calibration Check (P3B1006-CCV2)				Prepared & Analyzed: 02/10/23						
Sulfate	21.7		mg/L	20.0		108	90-110			
Nitrate as N	2.01		"	2.00		101	90-110			
Matrix Spike (P3B1006-MS1)		Source: 3B10003-01		Prepared & Analyzed: 02/10/23						
Sulfate	37.6	1.00	mg/L	2.00	35.8	91.3	80-120			
Nitrate as N	0.367	0.200	"	0.200	ND	184	80-120			QM-05
Matrix Spike Dup (P3B1006-MSD1)		Source: 3B10003-01		Prepared & Analyzed: 02/10/23						
Nitrate as N	0.348	0.200	mg/L	0.200	ND	174	80-120	5.31	20	QM-05
Sulfate	38.0	1.00	"	2.00	35.8	110	80-120	0.976	20	

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.

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3B2301 - *** DEFAULT PREP ***										
Blank (P3B2301-BLK1)				Prepared: 02/24/23 Analyzed: 02/28/23						
Chemical Oxygen Demand	ND	2.00	mg/L							
LCS (P3B2301-BS1)				Prepared: 02/24/23 Analyzed: 02/28/23						
Chemical Oxygen Demand	97.0	2.00	mg/L	100		97.0	80-120			
LCS Dup (P3B2301-BSD1)				Prepared: 02/24/23 Analyzed: 02/28/23						
Chemical Oxygen Demand	104	2.00	mg/L	100		104	80-120	6.97	20	
Calibration Check (P3B2301-CCV1)				Prepared: 02/24/23 Analyzed: 02/28/23						
Chemical Oxygen Demand	99.0	2.00	mg/L	100		99.0	80-120			
Calibration Check (P3B2301-CCV2)				Prepared: 02/24/23 Analyzed: 02/28/23						
Chemical Oxygen Demand	99.0	2.00	mg/L	100		99.0	80-120			
Duplicate (P3B2301-DUP1)		Source: 3B07007-01		Prepared: 02/24/23 Analyzed: 02/28/23						
Chemical Oxygen Demand	60.0	2.00	mg/L		63.0			4.88	20	
Duplicate (P3B2301-DUP2)		Source: 3B15001-04		Prepared: 02/24/23 Analyzed: 02/28/23						
Chemical Oxygen Demand	50.0	2.00	mg/L		56.0			11.3	20	
Matrix Spike (P3B2301-MS1)		Source: 3B10003-01		Prepared: 02/24/23 Analyzed: 02/28/23						
Chemical Oxygen Demand	126	2.00	mg/L	100	24.0	102	80-120			
Matrix Spike (P3B2301-MS2)		Source: 3B10003-04		Prepared: 02/24/23 Analyzed: 02/28/23						
Chemical Oxygen Demand	152	2.00	mg/L	100	380	NR	80-120			QM-05
Matrix Spike Dup (P3B2301-MSD1)		Source: 3B10003-01		Prepared: 02/24/23 Analyzed: 02/28/23						
Chemical Oxygen Demand	128	2.00	mg/L	100	24.0	104	80-120	1.57	20	

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	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

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

Batch P3B2301 - *** DEFAULT PREP ***

Matrix Spike Dup (P3B2301-MSD2)	Source: 3B10003-04			Prepared: 02/24/23 Analyzed: 02/28/23						
Chemical Oxygen Demand	150	2.00	mg/L	100	380	NR	80-120	1.32	20	QM-05

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

Notes and Definitions

SUB-13 Subcontract of analyte/analysis to ALS Houston.

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

ROI Received on Ice

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

pH1 The Regulatory Holding time for pH is 15 minutes, 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:

3/20/2023

Brent Barron, Laboratory Director/Technical Director

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

Project: SPS-11_MNA
Project Number: TNM SPS-11 MNA
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.

Permian Basin Environmental Lab, L.P.

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

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235
PBELAB SUB COC V2

Project Manager: Brent Barron

Project Name: SUBCONTRACT

Company Name PBEL

Project #:

Company Address: 1400 Rankin HWY

Project Loc:

City/State/Zip: Midland Texas 79701

PO #:

Telephone No: 432-661-4184

Fax No:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature: N/A

e-mail: brentbarron@pbelab.com

(lab use only)																																			
ORDER #:																																			
LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers							Matrix		TOC-SM 5310B	RSK SOP-175															48 HOUR RUSH	STANDARD	
								ICE	HNO ₃ 250 poly.1	HCl 3 40mL VOA	H ₂ SO ₄ 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	Na ₂ S ₂ O ₃	NONE	NONE 3 AMBER VOAA VIALS	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other																			
	3B10003-01			2/9/2023	9:50		4	X	X		X					W	X	X																X	
	3B10003-02			2/9/2023	11:00		4	X	X		X					W	X	X																X	
	3B10003-03			2/9/2023	11:51		4	X	X		X					W	X	X																X	
	3B10003-04			2/9/2023	12:27		4	X	X		X					W	X	X																X	
	3B10003-05			2/9/2023	13:09		4	X	X		X					W	X	X																X	
	3B10003-06			2/9/2023	14:05		4	X	X		X					W	X	X																X	
SPECIAL INSTRUCTIONS:																		Laboratory Comments:																	
																		Sample Containers Intact? Y N																	
																		VOCs Free of Headspace? Y N																	
Relinquished by:		Date	Time	Received by:					Date	Time	Labels on container(s) Y N																								
Brent Barron											Custody seals on container(s) Y N																								
											Custody seals on cooler(s) Y N																								
Relinquished by:		Date	Time	Received by:					Date	Time	Sample Hand Delivered Y N																								
											by Sampler/Client Rep. ? Y N																								
											by Courier? UPS DHL FedEx Lone Star																								
Relinquished by:		Date	Time	Received by:					Date	Time	Temperature Upon Receipt: °C																								
											Received: °C																								
											Adjusted: °C Factor																								

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Brent Barron

Project Name: SUBCONTRACT

Company Name: PBEL

Project #:

Company Address: 1400 Rankin HWY

Project Loc:

City/State/Zip: Midland Texas 79701

PO #:

Telephone No: 432-661-4184

Fax No:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature: N/A

e-mail:

brentbarron@pbelab.com

ORDER #:

Preservation & # of Containers

Matrix

CP

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

ICE

HNO₃ 250 poly 1

HCl 3 40mL VOA

H₂SO₄ 1 AMBER 500/250POLY

NaOH /Ascorbic Acid 250ML P

Na₂S₂O₃

NONE

NONE 3 AMBER VOAA VIALS

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

Fe Diss ICP 6010B

Mn Diss ICP 6010B

24 HOUR RUSH

STANDARD

72 Hour Rush

SPECIAL INSTRUCTIONS:

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on container(s)?

Custody seals on container(s)?

Custody seals on cooler(s)?

Sample Hand Delivered

by Courier?

by Sampler/Client Rep.?

Temperature Upon Receipt:

Adjusted: °C Factor

Date

Time

Received by:

Date

Time

Date

Time

Received by:

Date

Time

Date

Time

Received by:

Date

Time



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

March 17, 2023

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

Work Order: **HS23030774**

Laboratory Results for: **3B10003**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Mar 14, 2023 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 black ink that reads 'Anna M. Kinchen'.

Generated By: JUMOKE.LAWAL
Anna Kinchen
Project Manager

ALS Houston, US

Date: 17-Mar-23

Client: Permian Basin Environmental Lab, LP
Project: 3B10003
Work Order: HS23030774

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23030774-01	3B10003-01	Water		09-Feb-2023 09:50	14-Mar-2023 09:30	☐
HS23030774-02	3B10003-02	Water		09-Feb-2023 11:00	14-Mar-2023 09:30	☐
HS23030774-03	3B10003-03	Water		09-Feb-2023 11:51	14-Mar-2023 09:30	☐
HS23030774-04	3B10003-04	Water		09-Feb-2023 12:27	14-Mar-2023 09:30	☐
HS23030774-05	3B10003-05	Water		09-Feb-2023 13:09	14-Mar-2023 09:30	☐
HS23030774-06	3B10003-06	Water		09-Feb-2023 14:05	14-Mar-2023 09:30	☐

ALS Houston, US

Date: 17-Mar-23

Client: Permian Basin Environmental Lab, LP
Project: 3B10003
Work Order: HS23030774

CASE NARRATIVE

Metals by Method SW6020A

Batch ID: 190917

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

ALS Houston, US

Date: 17-Mar-23

Client:Permian Basin Environmental Lab, LP

Project:3B10003

Sample ID:3B10003-01

Collection Date:09-Feb-2023 09:50

ANALYTICAL REPORT

WorkOrder:HS23030774

Lab ID:HS23030774-01

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A	Method:SW6020A (dissolved)			Prep:SW3010A / 16-Mar-2023		Analyst: JC
Iron	0.547		0.200	mg/L	1	16-Mar-2023 22:00
Manganese	0.0576		0.00500	mg/L	1	16-Mar-2023 22:00

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

ALS Houston, US

Date: 17-Mar-23

Client:Permian Basin Environmental Lab, LP

Project:3B10003

Sample ID:3B10003-02

Collection Date:09-Feb-2023 11:00

ANALYTICAL REPORT

WorkOrder:HS23030774

Lab ID:HS23030774-02

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A	Method:SW6020A (dissolved)			Prep:SW3010A / 16-Mar-2023		Analyst: JC
Iron	3.40		0.200	mg/L	1	16-Mar-2023 22:02
Manganese	0.326		0.00500	mg/L	1	16-Mar-2023 22:02

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

ALS Houston, US

Date: 17-Mar-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3B10003	WorkOrder:HS23030774
Sample ID:	3B10003-03	Lab ID:HS23030774-03
Collection Date:	09-Feb-2023 11:51	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A	Method:SW6020A (dissolved)			Prep:SW3010A / 16-Mar-2023		Analyst: JC
Iron	ND		0.200	mg/L	1	16-Mar-2023 22:04
Manganese	0.0171		0.00500	mg/L	1	16-Mar-2023 22:04

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

ALS Houston, US

Date: 17-Mar-23

Client:Permian Basin Environmental Lab, LP

Project:3B10003

Sample ID:3B10003-04

Collection Date:09-Feb-2023 12:27

ANALYTICAL REPORT

WorkOrder:HS23030774

Lab ID:HS23030774-04

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A	Method:SW6020A (dissolved)			Prep:SW3010A / 16-Mar-2023		Analyst: JC
Iron	14.3		0.200	mg/L	1	16-Mar-2023 22:06
Manganese	0.665		0.00500	mg/L	1	16-Mar-2023 22:06

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

ALS Houston, US

Date: 17-Mar-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3B10003	WorkOrder:HS23030774
Sample ID:	3B10003-05	Lab ID:HS23030774-05
Collection Date:	09-Feb-2023 13:09	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A	Method:SW6020A (dissolved)			Prep:SW3010A / 16-Mar-2023		Analyst: JC
Iron	0.628		0.200	mg/L	1	16-Mar-2023 22:08
Manganese	0.0614		0.00500	mg/L	1	16-Mar-2023 22:08

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

ALS Houston, US

Date: 17-Mar-23

Client:Permian Basin Environmental Lab, LP

Project:3B10003

Sample ID:3B10003-06

Collection Date:09-Feb-2023 14:05

ANALYTICAL REPORT

WorkOrder:HS23030774

Lab ID:HS23030774-06

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A	Method:SW6020A (dissolved)			Prep:SW3010A / 16-Mar-2023		Analyst: JC
Iron	2.96		0.200	mg/L	1	16-Mar-2023 22:10
Manganese	0.193		0.00500	mg/L	1	16-Mar-2023 22:10

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

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 3B10003
WorkOrder: HS23030774

Batch ID: 190917	Start Date: 16 Mar 2023 12:30	End Date: 16 Mar 2023 16:30
Method: DISS METALS PREP - WATER - SW3010A	Prep Code: 3010A DISS	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23030774-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23030774-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23030774-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23030774-04		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23030774-05		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23030774-06		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

ALS Houston, US

Date: 17-Mar-23

Client: Permian Basin Environmental Lab, LP
Project: 3B10003
WorkOrder: HS23030774

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 190917 (0)		Test Name : DISSOLVED METALS BY SW6020A			Matrix: Water	
HS23030774-01	3B10003-01	09 Feb 2023 09:50		16 Mar 2023 12:30	16 Mar 2023 22:00	1
HS23030774-02	3B10003-02	09 Feb 2023 11:00		16 Mar 2023 12:30	16 Mar 2023 22:02	1
HS23030774-03	3B10003-03	09 Feb 2023 11:51		16 Mar 2023 12:30	16 Mar 2023 22:04	1
HS23030774-04	3B10003-04	09 Feb 2023 12:27		16 Mar 2023 12:30	16 Mar 2023 22:06	1
HS23030774-05	3B10003-05	09 Feb 2023 13:09		16 Mar 2023 12:30	16 Mar 2023 22:08	1
HS23030774-06	3B10003-06	09 Feb 2023 14:05		16 Mar 2023 12:30	16 Mar 2023 22:10	1

ALS Houston, US

Date: 17-Mar-23

Client: Permian Basin Environmental Lab, LP
Project: 3B10003
WorkOrder: HS23030774

QC BATCH REPORT

Batch ID: 190917 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
MBLK	Sample ID: MBLKF2-190917	Units: mg/L		Analysis Date: 16-Mar-2023 19:10					
Client ID:	Run ID: ICPMS06_430176	SeqNo: 7178322		PrepDate: 16-Mar-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual

Iron ND 0.200

Manganese ND 0.00500

MBLK	Sample ID: MBLKF1-190917	Units: mg/L		Analysis Date: 16-Mar-2023 19:08					
Client ID:	Run ID: ICPMS06_430176	SeqNo: 7178321		PrepDate: 16-Mar-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual

Iron ND 0.200

Manganese ND 0.00500

MBLK	Sample ID: MBLK-190917	Units: mg/L		Analysis Date: 16-Mar-2023 19:06					
Client ID:	Run ID: ICPMS06_430176	SeqNo: 7178320		PrepDate: 16-Mar-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual

Iron ND 0.200

Manganese ND 0.00500

LCS	Sample ID: LCS-190917	Units: mg/L		Analysis Date: 16-Mar-2023 19:12					
Client ID:	Run ID: ICPMS06_430176	SeqNo: 7178323		PrepDate: 16-Mar-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual

Iron 5.337 0.200 5 0 107 80 - 120

Manganese 0.05276 0.00500 0.05 0 106 80 - 120

MS	Sample ID: HS23030194-08MS	Units: mg/L		Analysis Date: 16-Mar-2023 19:18					
Client ID:	Run ID: ICPMS06_430176	SeqNo: 7178326		PrepDate: 16-Mar-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual

Iron 5.425 0.200 5 0.01389 108 75 - 125

Manganese 0.7443 0.00500 0.05 0.6902 108 75 - 125 O

ALS Houston, US

Date: 17-Mar-23

Client:Permian Basin Environmental Lab, LP

Project:3B10003

WorkOrder:HS23030774

QC BATCH REPORT

Batch ID: 190917 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
MSD	Sample ID: HS23030194-08MSD	Units: mg/L			Analysis Date: 16-Mar-2023 19:20				
Client ID:	Run ID: ICPMS06_430176	SeqNo: 7178327		PrepDate: 16-Mar-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	5.166	0.200	5	0.01389	103	75 - 125	5.425	4.89	20
Manganese	0.7401	0.00500	0.05	0.6902	99.8	75 - 125	0.7443	0.569	20
O									
PDS	Sample ID: HS23030194-08PDS	Units: mg/L			Analysis Date: 16-Mar-2023 19:22				
Client ID:	Run ID: ICPMS06_430176	SeqNo: 7178328		PrepDate: 16-Mar-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	10.54	0.200	10	0.01389	105	75 - 125			
Manganese	0.7856	0.00500	0.1	0.6902	95.3	75 - 125			
O									
SD	Sample ID: HS23030194-08SD	Units: mg/L			Analysis Date: 16-Mar-2023 19:16				
Client ID:	Run ID: ICPMS06_430176	SeqNo: 7178325		PrepDate: 16-Mar-2023		DF: 5			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit Qual
Iron	ND	1.00					0.01389	0	10
Manganese	0.6541	0.0250					0.6902	5.24	10
The following samples were analyzed in this batch:									
HS23030774-01		HS23030774-02		HS23030774-03		HS23030774-04			
HS23030774-05		HS23030774-06							

ALS Houston, US

Date: 17-Mar-23

Client:	Permian Basin Environmental Lab, LP	QUALIFIERS, ACRONYMS, UNITS
Project:	3B10003	
WorkOrder:	HS23030774	

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

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

ALS Houston, US

Date: 17-Mar-23

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	22-041-0	27-Mar-2023
California	2919 2022-2023	30-Apr-2023
Dept of Defense	L21-682	31-Dec-2023
Florida	E87611-36	30-Jun-2023
Illinois	2000322022-9	09-May-2023
Kansas	E-10352; 2022-2023	31-Jul-2023
Kentucky	123043, 2022-2023	30-Apr-2023
Louisiana	03087, 2022-2023	30-Jun-2023
Maryland	343, 2022-2023	30-Jun-2023
North Carolina	624-2023	31-Dec-2023
North Dakota	R-193 2022-2023	30-Apr-2023
Oklahoma	2022-141	31-Aug-2023
Texas	T104704231-22-29	30-Apr-2023
Utah	TX026932022-13	31-Jul-2023

ALS Houston, US

Date: 17-Mar-23

Sample Receipt Checklist

Work Order ID: HS23030774

Date/Time Received: 14-Mar-2023 09:30

Client Name: Permian Basin Lab

Received by: Corey Grandits

Completed By: /S/ Niles D. Ranchod	14-Mar-2023 14:38	Reviewed by: /S/ Anna Kinchen	14-Mar-2023 18:21
eSignature	Date/Time	eSignature	Date/Time

Matrices: WaterCarrier name: FedEx Priority Overnight

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	COC IDs: SUB_COC_V2
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):	21.2C/20.7C UC/C IR 31		
Cooler(s)/Kit(s):	Foam		
Date/Time sample(s) sent to storage:	03/14/2023 15:30		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☒
Water - pH acceptable upon receipt?	Yes ☒	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☒	N/A ☐
pH adjusted by:			

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235
PBELAB SUB COC V2

Project Manager: Brent Barron

Project Name: SUBCONTRACT

Company Name PBEL

Project #:

Company Address: 1400 Rankin HWY

Project Loc:

City/State/Zip: Midland Texas 79701

PO #:

Telephone No: 432-661-4184

Report Format: X Standard ☐ TRRP ☐ NPDES

Sampler Signature: N/A

e-mail: brentbarron@pbelab.com

HS23030774

Permian Basin Environmental Lab, LP
3B10003

[illegible]

Foam

MAR 14 2023

ORIGIN ID:MAFA (432) 686-7235
BRENT BARRON
PBE LAB
1400 RANKIN HWY

SHIP DATE: 13MAR23
ACTWGT: 35.00 LB
CAD: 107136846/NET4580

MIDLAND, TX 79701
UNITED STATES US

BILL RECIPIENT

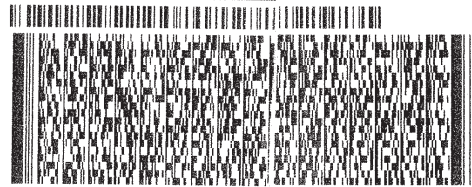
TO SAMPLE RECEIVING
ALS-HOUSTON
10450 STANCLIFF RD

HOUSTON TX 77099

(281) 530-5615
INV
FO

REF

DEPT:



FedEx Ship Manager - Print Your Label(s)

TUE - 14 MAR 4:30P
STANDARD OVERNIGHT

TRK# 7715 5084 8658
0201

AB SGRA

77099
TX-US IAH





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

February 21, 2023

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

Work Order: **HS23020619**

Laboratory Results for: **3B10003**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Feb 14, 2023 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 black ink, appearing to read 'Anna M. Kinchen'.

Generated By: JUMOKE.LAWAL
Anna Kinchen
Project Manager

ALS Houston, US

Date: 21-Feb-23

Client: Permian Basin Environmental Lab, LP
Project: 3B10003
Work Order: HS23020619

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23020619-01	3B10003-01	Water		09-Feb-2023 09:50	14-Feb-2023 09:35	☐
HS23020619-02	3B10003-02	Water		09-Feb-2023 11:00	14-Feb-2023 09:35	☐
HS23020619-03	3B10003-03	Water		09-Feb-2023 11:51	14-Feb-2023 09:35	☐
HS23020619-04	3B10003-04	Water		09-Feb-2023 12:27	14-Feb-2023 09:35	☐
HS23020619-05	3B10003-05	Water		09-Feb-2023 13:09	14-Feb-2023 09:35	☐
HS23020619-06	3B10003-06	Water		09-Feb-2023 14:05	14-Feb-2023 09:35	☐

ALS Houston, US

Date: 21-Feb-23

Client: Permian Basin Environmental Lab, LP
Project: 3B10003
Work Order: HS23020619

CASE NARRATIVE

GC Semivolatiles by Method RSK-175

Batch ID: R428333

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

WetChemistry by Method E415.1

Batch ID: R428475,R428494

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

Batch ID: R428473

Sample ID: HS23020587-01MS

- MS is for an unrelated sample

ALS Houston, US

Date: 21-Feb-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3B10003	WorkOrder:HS23020619
Sample ID:	3B10003-01	Lab ID:HS23020619-01
Collection Date:	09-Feb-2023 09:50	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	1.71		1.00	ug/L	1	17-Feb-2023 08:13
Ethene	ND		1.00	ug/L	1	17-Feb-2023 08:13
Methane	27.7		0.500	ug/L	1	17-Feb-2023 08:13
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	8.11		1.00	mg/L	1	20-Feb-2023 16:30

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

ALS Houston, US

Date: 21-Feb-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3B10003	WorkOrder:HS23020619
Sample ID:	3B10003-02	Lab ID:HS23020619-02
Collection Date:	09-Feb-2023 11:00	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	4.60		1.00	ug/L	1	17-Feb-2023 08:55
Ethene	ND		1.00	ug/L	1	17-Feb-2023 08:55
Methane	665		25.0	ug/L	50	17-Feb-2023 10:39
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	51.4		2.00	mg/L	2	21-Feb-2023 15:50

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

ALS Houston, US

Date: 21-Feb-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3B10003	WorkOrder:HS23020619
Sample ID:	3B10003-03	Lab ID:HS23020619-03
Collection Date:	09-Feb-2023 11:51	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	ND		1.00	ug/L	1	17-Feb-2023 10:56
Ethene	1.50		1.00	ug/L	1	17-Feb-2023 10:56
Methane	1.51		0.500	ug/L	1	17-Feb-2023 10:56
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	2.62		1.00	mg/L	1	20-Feb-2023 16:58

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

ALS Houston, US

Date: 21-Feb-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3B10003	WorkOrder:HS23020619
Sample ID:	3B10003-04	Lab ID:HS23020619-04
Collection Date:	09-Feb-2023 12:27	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	5.13		1.00	ug/L	1	17-Feb-2023 09:38
Ethene	ND		1.00	ug/L	1	17-Feb-2023 09:38
Methane	1,340		25.0	ug/L	50	17-Feb-2023 11:31
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	60.2		2.00	mg/L	2	21-Feb-2023 16:17

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

ALS Houston, US

Date: 21-Feb-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3B10003	WorkOrder:HS23020619
Sample ID:	3B10003-05	Lab ID:HS23020619-05
Collection Date:	09-Feb-2023 13:09	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	ND		1.00	ug/L	1	17-Feb-2023 09:47
Ethene	ND		1.00	ug/L	1	17-Feb-2023 09:47
Methane	1,170		25.0	ug/L	50	17-Feb-2023 11:41
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	6.13		1.00	mg/L	1	20-Feb-2023 14:09

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

ALS Houston, US

Date: 21-Feb-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3B10003	WorkOrder:HS23020619
Sample ID:	3B10003-06	Lab ID:HS23020619-06
Collection Date:	09-Feb-2023 14:05	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	14.4		1.00	ug/L	1	17-Feb-2023 10:25
Ethene	ND		1.00	ug/L	1	17-Feb-2023 10:25
Methane	7,060		100	ug/L	200	17-Feb-2023 11:54
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	13.6		1.00	mg/L	1	20-Feb-2023 14:23

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

ALS Houston, US

Date: 21-Feb-23

Client: Permian Basin Environmental Lab, LP
Project: 3B10003
WorkOrder: HS23020619

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R428333 (0)		Test Name : DISSOLVED GASES BY RSK-175			Matrix: Water	
HS23020619-01	3B10003-01	09 Feb 2023 09:50			17 Feb 2023 08:13	1
HS23020619-02	3B10003-02	09 Feb 2023 11:00			17 Feb 2023 10:39	50
HS23020619-02	3B10003-02	09 Feb 2023 11:00			17 Feb 2023 08:55	1
HS23020619-03	3B10003-03	09 Feb 2023 11:51			17 Feb 2023 10:56	1
HS23020619-04	3B10003-04	09 Feb 2023 12:27			17 Feb 2023 11:31	50
HS23020619-04	3B10003-04	09 Feb 2023 12:27			17 Feb 2023 09:38	1
HS23020619-05	3B10003-05	09 Feb 2023 13:09			17 Feb 2023 11:41	50
HS23020619-05	3B10003-05	09 Feb 2023 13:09			17 Feb 2023 09:47	1
HS23020619-06	3B10003-06	09 Feb 2023 14:05			17 Feb 2023 11:54	200
HS23020619-06	3B10003-06	09 Feb 2023 14:05			17 Feb 2023 10:25	1
Batch ID: R428473 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS23020619-01	3B10003-01	09 Feb 2023 09:50			20 Feb 2023 16:30	1
HS23020619-03	3B10003-03	09 Feb 2023 11:51			20 Feb 2023 16:58	1
Batch ID: R428475 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS23020619-05	3B10003-05	09 Feb 2023 13:09			20 Feb 2023 14:09	1
HS23020619-06	3B10003-06	09 Feb 2023 14:05			20 Feb 2023 14:23	1
Batch ID: R428494 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS23020619-02	3B10003-02	09 Feb 2023 11:00			21 Feb 2023 15:50	2
HS23020619-04	3B10003-04	09 Feb 2023 12:27			21 Feb 2023 16:17	2

ALS Houston, US

Date: 21-Feb-23

Client: Permian Basin Environmental Lab, LP
Project: 3B10003
WorkOrder: HS23020619

QC BATCH REPORT

Batch ID: R428333 (0)		Instrument: FID-4		Method: DISSOLVED GASES BY RSK-175					
MBLK	Sample ID: MBLK-230217	Units: ug/L		Analysis Date: 17-Feb-2023 07:43					
Client ID:	Run ID: FID-4_428333		SeqNo: 7135005		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-230217	Units: ug/L		Analysis Date: 17-Feb-2023 07:56					
Client ID:	Run ID: FID-4_428333		SeqNo: 7135006		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Ethane	18.1	1.00	18.04	0	100	75 - 125			
Ethene	15.14	1.00	16.8	0	90.1	75 - 125			
Methane	8.033	0.500	9.647	0	83.3	75 - 125			

LCSD	Sample ID: LCSD-230217	Units: ug/L		Analysis Date: 17-Feb-2023 08:04					
Client ID:	Run ID: FID-4_428333		SeqNo: 7135007		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Ethane	18.11	1.00	18.04	0	100	75 - 125	18.1	0.00768	30
Ethene	15.23	1.00	16.8	0	90.7	75 - 125	15.14	0.585	30
Methane	7.941	0.500	9.647	0	82.3	75 - 125	8.033	1.16	30

DUP	Sample ID: HS23020619-01DUP	Units: ug/L		Analysis Date: 17-Feb-2023 08:26					
Client ID: 3B10003-01	Run ID: FID-4_428333		SeqNo: 7135009		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					1.707	0	30
Ethene	ND	1.00					0.4558	0	30
Methane	27.45	0.500					27.75	1.09	30

The following samples were analyzed in this batch:

HS23020619-01	HS23020619-02	HS23020619-03	HS23020619-04
HS23020619-05	HS23020619-06		

ALS Houston, US

Date: 21-Feb-23

Client: Permian Basin Environmental Lab, LP
Project: 3B10003
WorkOrder: HS23020619

QC BATCH REPORT

Batch ID: R428473 (0)		Instrument: TOC_04		Method: TOTAL ORGANIC CARBON BY E415.1					
MBLK	Sample ID: MBLK-02202023	Units: mg/L		Analysis Date: 20-Feb-2023 13:36					
Client ID:	Run ID: TOC_04_428473	SeqNo: 7138250		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-02202023	Units: mg/L		Analysis Date: 20-Feb-2023 13:49					
Client ID:	Run ID: TOC_04_428473	SeqNo: 7138251		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	10.73	1.00	10	0	107	85 - 115			
LCSD	Sample ID: LCSD-02202023	Units: mg/L		Analysis Date: 20-Feb-2023 14:03					
Client ID:	Run ID: TOC_04_428473	SeqNo: 7138252		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	10.88	1.00	10	0	109	85 - 115	10.73	1.39	20
MS	Sample ID: HS23020587-01MS	Units: mg/L		Analysis Date: 20-Feb-2023 14:38					
Client ID:	Run ID: TOC_04_428473	SeqNo: 7138254		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	13.71	1.00	10	1.173	125	80 - 120			S
The following samples were analyzed in this batch: HS23020619-01 HS23020619-03									

ALS Houston, US

Date: 21-Feb-23

Client: Permian Basin Environmental Lab, LP
Project: 3B10003
WorkOrder: HS23020619

QC BATCH REPORT

Batch ID: R428475 (0)		Instrument: TOC_05		Method: TOTAL ORGANIC CARBON BY E415.1					
MBLK	Sample ID: MBLK-02142023	Units: mg/L		Analysis Date: 20-Feb-2023 13:26					
Client ID:	Run ID: TOC_05_428475	SeqNo: 7138281		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-02142023	Units: mg/L		Analysis Date: 20-Feb-2023 13:41					
Client ID:	Run ID: TOC_05_428475	SeqNo: 7138282		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	11.42	1.00	10	0	114	85 - 115			
LCSD	Sample ID: LCSD-02142023	Units: mg/L		Analysis Date: 20-Feb-2023 13:55					
Client ID:	Run ID: TOC_05_428475	SeqNo: 7138283		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	11.48	1.00	10	0	115	85 - 115	11.42	0.524	20
MS	Sample ID: HS23020265-04MS	Units: mg/L		Analysis Date: 20-Feb-2023 15:32					
Client ID:	Run ID: TOC_05_428475	SeqNo: 7138290		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	20.74	1.00	10	10.31	104	80 - 120			
The following samples were analyzed in this batch:									
HS23020619-05 HS23020619-06									

ALS Houston, US

Date: 21-Feb-23

Client: Permian Basin Environmental Lab, LP
Project: 3B10003
WorkOrder: HS23020619

QC BATCH REPORT

Batch ID: R428494 (0)		Instrument: TOC_04		Method: TOTAL ORGANIC CARBON BY E415.1					
MBLK	Sample ID: MBLK-02212023	Units: mg/L		Analysis Date: 21-Feb-2023 15:10					
Client ID:	Run ID: TOC_04_428494	SeqNo: 7138825		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-02212023	Units: mg/L		Analysis Date: 21-Feb-2023 15:23					
Client ID:	Run ID: TOC_04_428494	SeqNo: 7138826		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	10.9	1.00	10	0	109	85 - 115			
LCSD	Sample ID: LCSD-02212023	Units: mg/L		Analysis Date: 21-Feb-2023 15:36					
Client ID:	Run ID: TOC_04_428494	SeqNo: 7138827		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	10.78	1.00	10	0	108	85 - 115	10.9	1.11	20
MS	Sample ID: HS23020619-02MS	Units: mg/L		Analysis Date: 21-Feb-2023 16:03					
Client ID: 3B10003-02	Run ID: TOC_04_428494	SeqNo: 7138829		PrepDate:		DF: 2			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	75.32	2.00	20	51.36	120	80 - 120			
The following samples were analyzed in this batch:									
			HS23020619-02	HS23020619-04					

ALS Houston, US

Date: 21-Feb-23

Client: Permian Basin Environmental Lab, LP
Project: 3B10003
WorkOrder: HS23020619

**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: 21-Feb-23

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	22-041-0	27-Mar-2023
California	2919 2022-2023	30-Apr-2023
Dept of Defense	L21-682	31-Dec-2023
Florida	E87611-36	30-Jun-2023
Illinois	2000322022-9	09-May-2023
Kansas	E-10352; 2022-2023	31-Jul-2023
Kentucky	123043, 2022-2023	30-Apr-2023
Louisiana	03087, 2022-2023	30-Jun-2023
Maryland	343, 2022-2023	30-Jun-2023
North Carolina	624-2023	31-Dec-2023
North Dakota	R-193 2022-2023	30-Apr-2023
Oklahoma	2022-141	31-Aug-2023
Texas	T104704231-22-29	30-Apr-2023
Utah	TX026932022-13	31-Jul-2023

ALS Houston, US

Date: 21-Feb-23

Sample Receipt Checklist

Work Order ID: HS23020619

Date/Time Received: 14-Feb-2023 09:35

Client Name: Permian Basin Lab

Received by: Corey Grandits

Completed By: /S/ Nilesch D. Ranchod	14-Feb-2023 11:02	Reviewed by: /S/ Anna Kinchen	15-Feb-2023 09:15
eSignature	Date/Time	eSignature	Date/Time

Matrices: waterCarrier name: FedEx Priority Overnight

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Samplers name present on COC?	Yes ☐	No ☒	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Temperature(s)/Thermometer(s):	2.7C/2.2C UC/C IR #31		
Cooler(s)/Kit(s):	RED		
Date/Time sample(s) sent to storage:	02/14/2023 11:45		
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☒	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☒	N/A ☐
pH adjusted by:			

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Brent Barron

Project Name: SUBCONTRACT

Company Name PBEL

Project #:

Company Address: 1400 Rankin HWY

Project Loc:

City/State/Zip: Midland Texas 79701

PO #:

Telephone No: 432-661-4184

Fax No:

Report Format: X Standard ☐ TRRP ☐ NPDES

Sampler Signature: N/A

e-mail: brentbarron@pbelab.com

LAB # (lab use only)		FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	ICE	HNO ₃ 250 poly 1	HCl 3 40mL VOA	H ₂ SO ₄ 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	Na ₂ S ₂ O ₃	NONE	NONE 3 AMBER VOAA VIALS	DW=Drinking Water SL=Sludge GW = Groundwater S=Sol/Solid NP=Non-Portable Specify Other	TOC-SM 5310B	RSK SOP-175	Matrix
	3B10003-01				2/9/2023	9:50		4	X	X		X					W	X	X	
	3B10003-02				2/9/2023	11:00		4	X	X		X					W	X	X	
	3B10003-03				2/9/2023	11:51		4	X	X		X					W	X	X	
	3B10003-04				2/9/2023	12:27		4	X	X		X					W	X	X	
	3B10003-05				2/9/2023	13:09		4	X	X		X					W	X	X	
	3B10003-06				2/9/2023	14:05		4	X	X		X					W	X	X	

SPECIAL INSTRUCTIONS:

Relinquished by:	Date	Time	Received by:	Date	Time
Brent Barron	2/13/23	17:00			
Relinquished by:	Date	Time	Received by:	Date	Time
				2-14-23	0935
Relinquished by:	Date	Time	Received by:	Date	Time

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		
Temperature Upon Receipt:		
Received: 2.7 °C		
Adjusted: °C Factor		

ORIGIN ID:MAFA (432) 686-7235
PRET BARRON
PBE LAB
1400 RANKIN HWY
MIDLAND, TX 79701
UNITED STATES US

SHIP DATE: 13FEB23
ACTWGT: 20.00 LB
CAD: 107136640INET4560

BILL RECIPIENT

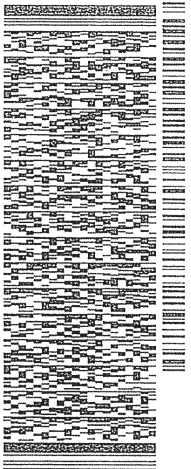
TO SAMPLE RECEIVING
ALS-HOUSTON
10450 STANCLIFF RD
HOUSTON TX 77099
(281) 530-5615
REF-
PO

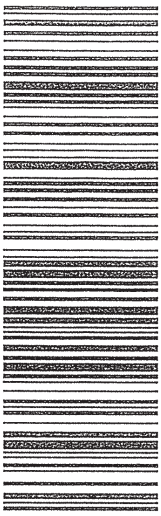
591J1B602FE2D

TRK# 7712 9035 3660
0201

TUE - 14 FEB 4:30P
STANDARD OVERNIGHT

AB S GRA
TX-US
77099
IAH





After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on [fedex.com](https://www.fedex.com). FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

**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_MNA
Project Number: TNM SPS-11 MNA
Location: Lea County, New Mexico
Lab Order Number: 3E10007



Current Certification

Report Date: 05/26/23

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW- 35	3E10007-01	Water	05/09/23 09:45	05-10-2023 08:40
MW- 14	3E10007-02	Water	05/09/23 10:51	05-10-2023 08:40
MW- 32	3E10007-03	Water	05/09/23 11:59	05-10-2023 08:40
MW- 9	3E10007-04	Water	05/09/23 13:35	05-10-2023 08:40
MW- 4	3E10007-05	Water	05/09/23 14:55	05-10-2023 08:40
MW- 11	3E10007-06	Water	05/09/23 16:10	05-10-2023 08:40

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

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

MW- 35
3E10007-01 (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	P3E1004	05/10/23 10:19	05/10/23 19:23	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3E1004	05/10/23 10:19	05/10/23 19:23	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3E1004	05/10/23 10:19	05/10/23 19:23	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3E1004	05/10/23 10:19	05/10/23 19:23	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3E1004	05/10/23 10:19	05/10/23 19:23	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	103 %		80-120		P3E1004	05/10/23 10:19	05/10/23 19:23	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.4 %		80-120		P3E1004	05/10/23 10:19	05/10/23 19:23	EPA 8021B	
Ethane	ND	0.000144	mg/L	1	P3E2409	05/18/23 09:37	05/18/23 09:37	8015M	SUB-13
Ethene	ND	0.00234	mg/L	1	P3E2409	05/18/23 09:37	05/18/23 09:37	8015M	SUB-13
Methane	0.0129	0.00107	mg/L	1	P3E2409	05/18/23 09:37	05/18/23 09:37	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	19.0	2.00	mg/L	1	P3E1712	05/17/23 16:08	05/25/23 13:16	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P3E1005	05/10/23 13:31	05/10/23 23:07	EPA 300.0	
Sulfate	35.0	10.0	mg/L	10	P3E1005	05/10/23 13:31	05/10/23 18:46	EPA 300.0	
Total Organic Carbon	7.45	0.500	mg/L	1	P3E2409	05/18/23 20:45	05/18/23 20:45	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P3E2409	05/17/23 10:30	05/19/23 12:09	EPA 6020A	SUB-13
Manganese	0.0325	0.00500	mg/L	1	P3E2409	05/17/23 10:30	05/19/23 12:09	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 14
3E10007-02 (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	P3E1004	05/10/23 10:19	05/10/23 19:44	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3E1004	05/10/23 10:19	05/10/23 19:44	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3E1004	05/10/23 10:19	05/10/23 19:44	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3E1004	05/10/23 10:19	05/10/23 19:44	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3E1004	05/10/23 10:19	05/10/23 19:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	100 %	80-120			P3E1004	05/10/23 10:19	05/10/23 19:44	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.4 %	80-120			P3E1004	05/10/23 10:19	05/10/23 19:44	EPA 8021B	
Ethane	0.00276	0.000144	mg/L	1	P3E2409	05/18/23 09:37	05/18/23 09:46	8015M	SUB-13
Ethene	ND	0.00234	mg/L	1	P3E2409	05/18/23 09:37	05/18/23 09:46	8015M	SUB-13
Methane	0.655	0.00535	mg/L	1	P3E2409	05/18/23 09:37	05/18/23 11:13	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	280	20.0	mg/L	1	P3E1712	05/17/23 16:08	05/25/23 13:16	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P3E1005	05/10/23 13:31	05/11/23 00:34	EPA 300.0	
Sulfate	4.61	1.00	mg/L	1	P3E1005	05/10/23 13:31	05/11/23 00:34	EPA 300.0	
Total Organic Carbon	53.7	10.0	mg/L	1	P3E2409	05/19/23 14:08	05/19/23 14:08	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	2.19	2.00	mg/L	1	P3E2409	05/17/23 10:30	05/18/23 18:41	EPA 6020A	SUB-13
Manganese	0.243	0.0500	mg/L	1	P3E2409	05/17/23 10:30	05/18/23 18:41	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 32
3E10007-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00724	0.00100	mg/L	1	P3E1004	05/10/23 10:19	05/10/23 20:04	EPA 8021B	
Toluene	0.00694	0.00100	mg/L	1	P3E1004	05/10/23 10:19	05/10/23 20:04	EPA 8021B	
Ethylbenzene	0.0335	0.00100	mg/L	1	P3E1004	05/10/23 10:19	05/10/23 20:04	EPA 8021B	
Xylene (p/m)	0.0358	0.00200	mg/L	1	P3E1004	05/10/23 10:19	05/10/23 20:04	EPA 8021B	
Xylene (o)	0.0163	0.00100	mg/L	1	P3E1004	05/10/23 10:19	05/10/23 20:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.1 %	80-120			P3E1004	05/10/23 10:19	05/10/23 20:04	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.8 %	80-120			P3E1004	05/10/23 10:19	05/10/23 20:04	EPA 8021B	
Ethane	ND	0.000144	mg/L	1	P3E2409	05/18/23 09:37	05/18/23 10:09	8015M	SUB-13
Ethene	ND	0.00234	mg/L	1	P3E2409	05/18/23 09:37	05/18/23 10:09	8015M	SUB-13
Methane	0.00153	0.00107	mg/L	1	P3E2409	05/18/23 09:37	05/18/23 10:09	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	ND	2.00	mg/L	1	P3E1712	05/17/23 16:08	05/25/23 13:16	8000	QAL1
Nitrate as N	0.750	0.200	mg/L	1	P3E1005	05/10/23 13:31	05/11/23 01:03	EPA 300.0	
Sulfate	36.9	5.00	mg/L	5	P3E1005	05/10/23 13:31	05/10/23 20:42	EPA 300.0	
Total Organic Carbon	1.69	0.500	mg/L	1	P3E2409	05/18/23 21:11	05/18/23 21:11	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P3E2409	05/17/23 10:30	05/19/23 10:09	EPA 6020A	SUB-13
Manganese	0.0211	0.00500	mg/L	1	P3E2409	05/17/23 10:30	05/19/23 10:09	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

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

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

MW- 9
3E10007-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.195	0.00100	mg/L	1	P3E1004	05/10/23 10:19	05/11/23 11:02	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3E1004	05/10/23 10:19	05/11/23 11:02	EPA 8021B	
Ethylbenzene	0.00201	0.00100	mg/L	1	P3E1004	05/10/23 10:19	05/11/23 11:02	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3E1004	05/10/23 10:19	05/11/23 11:02	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3E1004	05/10/23 10:19	05/11/23 11:02	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.0 %		80-120		P3E1004	05/10/23 10:19	05/11/23 11:02	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.6 %		80-120		P3E1004	05/10/23 10:19	05/11/23 11:02	EPA 8021B	
Ethane	0.00362	0.000144	mg/L	1	P3E2409	05/18/23 09:37	05/18/23 10:19	8015M	SUB-13
Ethene	ND	0.00234	mg/L	1	P3E2409	05/18/23 09:37	05/18/23 10:19	8015M	SUB-13
Methane	1.23	0.0107	mg/L	1	P3E2409	05/18/23 09:37	05/18/23 11:31	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	338	20.0	mg/L	1	P3E2507	05/24/23 14:00	05/25/23 13:50	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P3E1005	05/10/23 13:31	05/11/23 01:32	EPA 300.0	
Sulfate	1.34	1.00	mg/L	1	P3E1005	05/10/23 13:31	05/11/23 01:32	EPA 300.0	
Total Organic Carbon	58.1	10.0	mg/L	1	P3E2409	05/19/23 14:28	05/19/23 14:28	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	13.2	2.00	mg/L	1	P3E2409	05/17/23 10:30	05/18/23 18:45	EPA 6020A	SUB-13
Manganese	0.616	0.0500	mg/L	1	P3E2409	05/17/23 10:30	05/18/23 18:45	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 4
3E10007-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	7.59	0.0200	mg/L	20	P3E1004	05/10/23 10:19	05/11/23 11:23	EPA 8021B	
Toluene	0.144	0.0200	mg/L	20	P3E1004	05/10/23 10:19	05/11/23 11:23	EPA 8021B	
Ethylbenzene	3.20	0.0200	mg/L	20	P3E1004	05/10/23 10:19	05/11/23 11:23	EPA 8021B	
Xylene (p/m)	2.24	0.0400	mg/L	20	P3E1004	05/10/23 10:19	05/11/23 11:23	EPA 8021B	
Xylene (o)	0.193	0.0200	mg/L	20	P3E1004	05/10/23 10:19	05/11/23 11:23	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	100 %	80-120			P3E1004	05/10/23 10:19	05/11/23 11:23	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.4 %	80-120			P3E1004	05/10/23 10:19	05/11/23 11:23	EPA 8021B	
Ethane	0.0149	0.000144	mg/L	1	P3E2409	05/18/23 09:37	05/18/23 10:31	8015M	SUB-13
Ethene	ND	0.00234	mg/L	1	P3E2409	05/18/23 09:37	05/18/23 10:31	8015M	SUB-13
Methane	6.58	0.0428	mg/L	1	P3E2409	05/18/23 09:37	05/18/23 11:40	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	799	20.0	mg/L	1	P3E2507	05/24/23 14:00	05/25/23 13:50	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P3E1005	05/10/23 13:31	05/11/23 02:01	EPA 300.0	
Sulfate	18.2	5.00	mg/L	5	P3E1005	05/10/23 13:31	05/10/23 21:40	EPA 300.0	
Total Organic Carbon	22.3	10.0	mg/L	1	P3E2409	05/18/23 21:38	05/18/23 21:38	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P3E2409	05/17/23 10:30	05/19/23 12:13	EPA 6020A	SUB-13
Manganese	0.115	0.00500	mg/L	1	P3E2409	05/17/23 10:30	05/19/23 12:13	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 11

3E10007-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	4.93	0.0200	mg/L	20	P3E1004	05/10/23 10:19	05/10/23 21:06	EPA 8021B	
Toluene	0.00675	0.00500	mg/L	5	P3E1004	05/10/23 10:19	05/11/23 11:43	EPA 8021B	
Ethylbenzene	3.83	0.0200	mg/L	20	P3E1004	05/10/23 10:19	05/10/23 21:06	EPA 8021B	
Xylene (p/m)	2.24	0.0400	mg/L	20	P3E1004	05/10/23 10:19	05/10/23 21:06	EPA 8021B	
Xylene (o)	0.434	0.0200	mg/L	20	P3E1004	05/10/23 10:19	05/10/23 21:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.1 %	80-120			P3E1004	05/10/23 10:19	05/10/23 21:06	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.3 %	80-120			P3E1004	05/10/23 10:19	05/10/23 21:06	EPA 8021B	
Ethane	0.0175	0.000144	mg/L	1	P3E2409	05/18/23 09:37	05/18/23 10:41	8015M	SUB-13
Ethene	ND	0.00234	mg/L	1	P3E2409	05/18/23 09:37	05/18/23 10:41	8015M	SUB-13
Methane	2.05	0.0107	mg/L	1	P3E2409	05/18/23 09:37	05/18/23 11:49	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	227	20.0	mg/L	1	P3E2507	05/24/23 14:00	05/25/23 13:50	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P3E1005	05/10/23 13:31	05/11/23 02:30	EPA 300.0	
Sulfate	4.64	1.00	mg/L	1	P3E1005	05/10/23 13:31	05/11/23 02:30	EPA 300.0	
Total Organic Carbon	23.9	10.0	mg/L	1	P3E2409	05/18/23 21:51	05/18/23 21:51	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods									
Iron	3.55	2.00	mg/L	1	P3E2409	05/17/23 10:30	05/18/23 18:49	EPA 6020A	SUB-13
Manganese	0.243	0.0500	mg/L	1	P3E2409	05/17/23 10:30	05/18/23 18:49	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3E1004 - *** DEFAULT PREP ***

Blank (P3E1004-BLK1)			Prepared & Analyzed: 05/10/23							
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	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		97.0	80-120			

LCS (P3E1004-BS1)			Prepared & Analyzed: 05/10/23							
Benzene	0.0978	0.00100	mg/L	0.100		97.8	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.2	80-120			

LCS Dup (P3E1004-BSD1)			Prepared & Analyzed: 05/10/23							
Benzene	0.0870	0.00100	mg/L	0.100		87.0	80-120	11.7	20	
Toluene	0.0922	0.00100	"	0.100		92.2	80-120	12.8	20	
Ethylbenzene	0.0986	0.00100	"	0.100		98.6	80-120	12.2	20	
Xylene (p/m)	0.194	0.00200	"	0.200		96.9	80-120	11.7	20	
Xylene (o)	0.0938	0.00100	"	0.100		93.8	80-120	11.1	20	
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.7	80-120			

Calibration Blank (P3E1004-CCB1)			Prepared & Analyzed: 05/10/23							
Benzene	0.110		ug/l							
Toluene	0.340		"							
Ethylbenzene	0.210		"							
Xylene (p/m)	0.480		"							
Xylene (o)	0.280		"							
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.5	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	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3E1004 - *** DEFAULT PREP ***

Calibration Blank (P3E1004-CCB2)				Prepared & Analyzed: 05/10/23						
Benzene	0.00		ug/l							
Toluene	0.380		"							
Ethylbenzene	0.360		"							
Xylene (p/m)	0.600		"							
Xylene (o)	0.310		"							
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.9	80-120			

Calibration Check (P3E1004-CCV1)				Prepared & Analyzed: 05/10/23						
Benzene	0.108	0.00100	mg/L	0.100		108	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.207	0.00200	"	0.200		104	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.129		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.6	80-120			

Calibration Check (P3E1004-CCV2)				Prepared & Analyzed: 05/10/23						
Benzene	0.118	0.00100	mg/L	0.100		118	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Calibration Check (P3E1004-CCV3)				Prepared: 05/10/23 Analyzed: 05/11/23						
Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.0988	0.00100	"	0.100		98.8	80-120			
Ethylbenzene	0.0954	0.00100	"	0.100		95.4	80-120			
Xylene (p/m)	0.196	0.00200	"	0.200		98.0	80-120			
Xylene (o)	0.0974	0.00100	"	0.100		97.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.131		"	0.120		109	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.8	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	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3E1004 - *** DEFAULT PREP ***

Matrix Spike (P3E1004-MS1)		Source: 3E05004-01			Prepared & Analyzed: 05/10/23					
Benzene	0.113	0.00100	mg/L	0.100	ND	113	80-120			
Toluene	0.107	0.00100	"	0.100	ND	107	80-120			
Ethylbenzene	0.112	0.00100	"	0.100	ND	112	80-120			
Xylene (p/m)	0.214	0.00200	"	0.200	ND	107	80-120			
Xylene (o)	0.103	0.00100	"	0.100	0.000600	102	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.6	80-120			
Matrix Spike Dup (P3E1004-MSD1)		Source: 3E05004-01			Prepared: 05/10/23 Analyzed: 05/11/23					
Benzene	0.0852	0.00100	mg/L	0.100	ND	85.2	80-120	28.5	20	R3
Toluene	0.0808	0.00100	"	0.100	ND	80.8	80-120	27.7	20	R3
Ethylbenzene	0.0870	0.00100	"	0.100	ND	87.0	80-120	25.5	20	R3
Xylene (p/m)	0.172	0.00200	"	0.200	ND	86.2	80-120	21.7	20	R3
Xylene (o)	0.0890	0.00100	"	0.100	0.000600	88.4	80-120	14.5	20	
Surrogate: 4-Bromofluorobenzene	0.128		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.8	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	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3E1005 - *** DEFAULT PREP ***										
Blank (P3E1005-BLK1)				Prepared & Analyzed: 05/10/23						
Sulfate	ND	1.00	mg/L							
Nitrate as N	ND	0.200	"							
LCS (P3E1005-BS1)				Prepared & Analyzed: 05/10/23						
Sulfate	9.16		mg/L	10.0		91.6	90-110			
Nitrate as N	10.1		"	10.0		101	90-110			
LCS Dup (P3E1005-BSD1)				Prepared & Analyzed: 05/10/23						
Sulfate	9.17		mg/L	10.0		91.7	90-110	0.0981	10	
Nitrate as N	10.1		"	10.0		101	90-110	0.0495	10	
Calibration Check (P3E1005-CCV1)				Prepared & Analyzed: 05/10/23						
Nitrate as N	10.1		mg/L	10.0		101	90-110			
Sulfate	9.14		"	10.0		91.4	90-110			
Calibration Check (P3E1005-CCV2)				Prepared: 05/10/23 Analyzed: 05/11/23						
Nitrate as N	10.2		mg/L	10.0		102	90-110			
Sulfate	9.25		"	10.0		92.5	90-110			
Matrix Spike (P3E1005-MS1)		Source: 3E10007-01		Prepared & Analyzed: 05/10/23						
Sulfate	108		mg/L	100	3.50	105	80-120			
Matrix Spike (P3E1005-MS2)		Source: 3E10007-01		Prepared & Analyzed: 05/10/23						
Nitrate as N	10.4		mg/L	10.0	0.0760	103	80-120			
Matrix Spike Dup (P3E1005-MSD1)		Source: 3E10007-01		Prepared & Analyzed: 05/10/23						
Sulfate	108		mg/L	100	3.50	105	80-120	0.106	20	

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	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3E1005 - *** DEFAULT PREP ***										
Matrix Spike Dup (P3E1005-MSD2)		Source: 3E10007-01		Prepared: 05/10/23		Analyzed: 05/11/23				
Nitrate as N	10.4		mg/L	10.0	0.0760	104	80-120	0.394	20	
Batch P3E1712 - *** DEFAULT PREP ***										
Blank (P3E1712-BLK1)				Prepared: 05/17/23		Analyzed: 05/25/23				
Chemical Oxygen Demand	ND	2.00	mg/L							QAL1
LCS (P3E1712-BS1)				Prepared: 05/17/23		Analyzed: 05/25/23				
Chemical Oxygen Demand	95.0	2.00	mg/L	100		95.0	80-120			QAL1
LCS Dup (P3E1712-BSD1)				Prepared: 05/17/23		Analyzed: 05/25/23				
Chemical Oxygen Demand	102	2.00	mg/L	100		102	80-120	7.11	20	QAL1
Calibration Check (P3E1712-CCV1)				Prepared: 05/17/23		Analyzed: 05/25/23				
Chemical Oxygen Demand	98.0	2.00	mg/L	100		98.0	80-120			QAL1
Calibration Check (P3E1712-CCV2)				Prepared: 05/17/23		Analyzed: 05/25/23				
Chemical Oxygen Demand	98.0	2.00	mg/L	100		98.0	80-120			QAL1
Calibration Check (P3E1712-CCV3)				Prepared: 05/17/23		Analyzed: 05/25/23				
Chemical Oxygen Demand	98.0	2.00	mg/L	100		98.0	80-120			QAL1
Duplicate (P3E1712-DUP1)		Source: 3E04003-01		Prepared: 05/17/23		Analyzed: 05/25/23				
Chemical Oxygen Demand	84.0	2.00	mg/L		770			161	20	QAL1, R3
Duplicate (P3E1712-DUP2)		Source: 3E05004-05		Prepared: 05/17/23		Analyzed: 05/25/23				
Chemical Oxygen Demand	60.0	2.00	mg/L		69.0			14.0	20	QAL1, R3

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_MNA
Project Number: TNM SPS-11 MNA
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 P3E1712 - * DEFAULT PREP *****

Matrix Spike (P3E1712-MS1)		Source: 3E04003-01		Prepared: 05/17/23 Analyzed: 05/25/23						
Chemical Oxygen Demand	198	2.00	mg/L	100	770	NR	80-120			QAL1, QM-05
Matrix Spike (P3E1712-MS2)		Source: 3E05004-05		Prepared: 05/17/23 Analyzed: 05/25/23						
Chemical Oxygen Demand	198	2.00	mg/L	100	69.0	129	80-120			QAL1, QM-05
Matrix Spike Dup (P3E1712-MSD1)		Source: 3E04003-01		Prepared: 05/17/23 Analyzed: 05/25/23						
Chemical Oxygen Demand	198	2.00	mg/L	100	770	NR	80-120	0.00	20	QAL1, QM-05
Matrix Spike Dup (P3E1712-MSD2)		Source: 3E05004-05		Prepared: 05/17/23 Analyzed: 05/25/23						
Chemical Oxygen Demand	197	2.00	mg/L	100	69.0	128	80-120	0.506	20	QAL1, QM-05

Batch P3E2507 - * DEFAULT PREP *****

Blank (P3E2507-BLK1)				Prepared: 05/24/23 Analyzed: 05/25/23						
Chemical Oxygen Demand	ND	20.0	mg/L							QAL1
LCS (P3E2507-BS1)				Prepared: 05/24/23 Analyzed: 05/25/23						
Chemical Oxygen Demand	1070	20.0	mg/L	1000		107	80-120			QAL1
LCS Dup (P3E2507-BSD1)				Prepared: 05/24/23 Analyzed: 05/25/23						
Chemical Oxygen Demand	1100	20.0	mg/L	1000		110	80-120	3.31	20	QAL1
Calibration Check (P3E2507-CCV1)				Prepared & Analyzed: 05/25/23						
Chemical Oxygen Demand	922	20.0	mg/L	1000		92.2	80-120			QAL1
Calibration Check (P3E2507-CCV2)				Prepared & Analyzed: 05/25/23						
Chemical Oxygen Demand	928	20.0	mg/L	1000		92.8	80-120			QAL1

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

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

Batch P3E2507 - *** DEFAULT PREP ***

Duplicate (P3E2507-DUP1)	Source: 3E10007-04			Prepared: 05/24/23 Analyzed: 05/25/23						
Chemical Oxygen Demand	372	20.0	mg/L		338			9.58	20	QAL1
Matrix Spike (P3E2507-MS1)	Source: 3E10007-04			Prepared: 05/24/23 Analyzed: 05/25/23						
Chemical Oxygen Demand	201	20.0	mg/L	1000	338	NR	80-120			QAL1, QM-05
Matrix Spike Dup (P3E2507-MSD1)	Source: 3E10007-04			Prepared: 05/24/23 Analyzed: 05/25/23						
Chemical Oxygen Demand	246	20.0	mg/L	1000	338	NR	80-120	20.1	20	QAL1, QM-05

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

Notes and Definitions

SUB-13 Subcontract of analyte/analysis to ALS Houston.

ROI Received on Ice

R3 The RPD exceeded the acceptance limit due to sample matrix effects.

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

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

pH1 The Regulatory Holding time for pH is 15 minutes, 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:

5/26/2023

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

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

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

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

Project: SPS-11_MNA
Project Number: TNM SPS-11 MNA
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.

Permian Basin Environmental Lab, L.P.

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

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

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



Analytical Report

Prepared for:

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

Project: SPS-11
Project Number: TNM SPS -11
Location: Lea County, NM
Lab Order Number: 3E12009



Current Certification

Report Date: 05/26/23

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-10	3E12009-01	Water	05/08/23 16:15	05-12-2023 08:40
MW-6	3E12009-02	Water	05/08/23 16:42	05-12-2023 08:40
MW-28	3E12009-03	Water	05/09/23 17:03	05-12-2023 08:40
MW-26	3E12009-04	Water	05/09/23 17:25	05-12-2023 08:40
MW-24	3E12009-05	Water	05/08/23 15:25	05-12-2023 08:40
MW-29	3E12009-06	Water	05/08/23 15:47	05-12-2023 08:40

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-10
3E12009-01 (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	P3E1605	05/16/23 13:11	05/17/23 08:14	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 08:14	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 08:14	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 08:14	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 08:14	EPA 8021B
Surrogate: 4-Bromofluorobenzene	101 %		80-120		P3E1605	05/16/23 13:11	05/17/23 08:14	EPA 8021B
Surrogate: 1,4-Difluorobenzene	95.8 %		80-120		P3E1605	05/16/23 13:11	05/17/23 08:14	EPA 8021B

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-6
3E12009-02 (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	P3E1904	05/19/23 10:00	05/22/23 14:28	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3E1904	05/19/23 10:00	05/22/23 14:28	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3E1904	05/19/23 10:00	05/22/23 14:28	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3E1904	05/19/23 10:00	05/22/23 14:28	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3E1904	05/19/23 10:00	05/22/23 14:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.2 %		80-120		P3E1904	05/19/23 10:00	05/22/23 14:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.7 %		80-120		P3E1904	05/19/23 10:00	05/22/23 14:28	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-28
3E12009-03 (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	P3E1904	05/19/23 10:00	05/22/23 14:49	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3E1904	05/19/23 10:00	05/22/23 14:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3E1904	05/19/23 10:00	05/22/23 14:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3E1904	05/19/23 10:00	05/22/23 14:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3E1904	05/19/23 10:00	05/22/23 14:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	103 %		80-120		P3E1904	05/19/23 10:00	05/22/23 14:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.1 %		80-120		P3E1904	05/19/23 10:00	05/22/23 14:49	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-26
3E12009-04 (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	P3E1904	05/19/23 10:00	05/22/23 15:10	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3E1904	05/19/23 10:00	05/22/23 15:10	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3E1904	05/19/23 10:00	05/22/23 15:10	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3E1904	05/19/23 10:00	05/22/23 15:10	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3E1904	05/19/23 10:00	05/22/23 15:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.6 %		80-120		P3E1904	05/19/23 10:00	05/22/23 15:10	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.7 %		80-120		P3E1904	05/19/23 10:00	05/22/23 15:10	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-24
3E12009-05 (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	P3E1904	05/19/23 10:00	05/22/23 15:30	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3E1904	05/19/23 10:00	05/22/23 15:30	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3E1904	05/19/23 10:00	05/22/23 15:30	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3E1904	05/19/23 10:00	05/22/23 15:30	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3E1904	05/19/23 10:00	05/22/23 15:30	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	57.0 %		80-120		P3E1904	05/19/23 10:00	05/22/23 15:30	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	85.3 %		80-120		P3E1904	05/19/23 10:00	05/22/23 15:30	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-29
3E12009-06 (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	P3E1904	05/19/23 10:00	05/22/23 15:51	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3E1904	05/19/23 10:00	05/22/23 15:51	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3E1904	05/19/23 10:00	05/22/23 15:51	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3E1904	05/19/23 10:00	05/22/23 15:51	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3E1904	05/19/23 10:00	05/22/23 15:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.6 %		80-120		P3E1904	05/19/23 10:00	05/22/23 15:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.3 %		80-120		P3E1904	05/19/23 10:00	05/22/23 15:51	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3E1605 - *** DEFAULT PREP ***

Blank (P3E1605-BLK1)		Prepared: 05/16/23 Analyzed: 05/17/23								
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	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

LCS (P3E1605-BS1)		Prepared: 05/16/23 Analyzed: 05/17/23								
Benzene	0.0993	0.00100	mg/L	0.100		99.3	80-120			
Toluene	0.0997	0.00100	"	0.100		99.7	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200		103	80-120			
Xylene (o)	0.0981	0.00100	"	0.100		98.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.129		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.2	80-120			

LCS Dup (P3E1605-BSD1)		Prepared: 05/16/23 Analyzed: 05/17/23								
Benzene	0.104	0.00100	mg/L	0.100		104	80-120	4.75	20	
Toluene	0.106	0.00100	"	0.100		106	80-120	6.34	20	
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120	7.69	20	
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120	7.00	20	
Xylene (o)	0.104	0.00100	"	0.100		104	80-120	5.65	20	
Surrogate: 4-Bromofluorobenzene	0.129		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.3	80-120			

Calibration Blank (P3E1605-CCB1)		Prepared & Analyzed: 05/16/23								
Benzene	0.100		ug/l							
Toluene	0.370		"							
Ethylbenzene	0.310		"							
Xylene (p/m)	0.590		"							
Xylene (o)	0.530		"							
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.7	80-120			

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3E1605 - *** DEFAULT PREP ***

Calibration Blank (P3E1605-CCB2) Prepared: 05/16/23 Analyzed: 05/17/23

Benzene	0.190		ug/l							
Toluene	0.330		"							
Ethylbenzene	0.300		"							
Xylene (p/m)	0.630		"							
Xylene (o)	0.470		"							
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.8	80-120			

Calibration Check (P3E1605-CCV1) Prepared & Analyzed: 05/16/23

Benzene	0.113	0.00100	mg/L	0.100		113	80-120			
Toluene	0.114	0.00100	"	0.100		114	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.225	0.00200	"	0.200		113	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.9	80-120			

Calibration Check (P3E1605-CCV2) Prepared: 05/16/23 Analyzed: 05/17/23

Benzene	0.116	0.00100	mg/L	0.100		116	80-120			
Toluene	0.115	0.00100	"	0.100		115	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.229	0.00200	"	0.200		115	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.8	80-120			

Calibration Check (P3E1605-CCV3) Prepared: 05/16/23 Analyzed: 05/17/23

Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200		102	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.8	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	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3E1605 - *** DEFAULT PREP ***

Matrix Spike (P3E1605-MS1)	Source: 3E12007-01			Prepared: 05/16/23		Analyzed: 05/17/23				
Benzene	0.113	0.00100	mg/L	0.100	ND	113	80-120			
Toluene	0.112	0.00100	"	0.100	ND	112	80-120			
Ethylbenzene	0.117	0.00100	"	0.100	ND	117	80-120			
Xylene (p/m)	0.228	0.00200	"	0.200	ND	114	80-120			
Xylene (o)	0.107	0.00100	"	0.100	ND	107	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.5	80-120			

Matrix Spike Dup (P3E1605-MSD1)	Source: 3E12007-01			Prepared: 05/16/23		Analyzed: 05/17/23				
Benzene	0.106	0.00100	mg/L	0.100	ND	106	80-120	6.30	20	
Toluene	0.104	0.00100	"	0.100	ND	104	80-120	7.61	20	
Ethylbenzene	0.109	0.00100	"	0.100	ND	109	80-120	7.25	20	
Xylene (p/m)	0.212	0.00200	"	0.200	ND	106	80-120	7.03	20	
Xylene (o)	0.101	0.00100	"	0.100	ND	101	80-120	6.31	20	
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.8	80-120			

Batch P3E1904 - *** DEFAULT PREP ***

Blank (P3E1904-BLK1)				Prepared: 05/19/23		Analyzed: 05/22/23				
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	0.123		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.0	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	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3E1904 - *** DEFAULT PREP ***

LCS (P3E1904-BS1)		Prepared: 05/19/23 Analyzed: 05/22/23								
Benzene	0.112	0.00100	mg/L	0.100		112	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120			
Xylene (p/m)	0.234	0.00200	"	0.200		117	80-120			
Xylene (o)	0.120	0.00100	"	0.100		120	80-120			
Surrogate: 4-Bromofluorobenzene	0.136		"	0.120		114	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.2	80-120			

LCS Dup (P3E1904-BSD1)		Prepared: 05/19/23 Analyzed: 05/22/23								
Benzene	0.111	0.00100	mg/L	0.100		111	80-120	1.23	20	
Toluene	0.115	0.00100	"	0.100		115	80-120	0.616	20	
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120	0.900	20	
Xylene (p/m)	0.235	0.00200	"	0.200		117	80-120	0.209	20	
Xylene (o)	0.120	0.00100	"	0.100		120	80-120	0.0835	20	
Surrogate: 4-Bromofluorobenzene	0.128		"	0.120		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

Calibration Blank (P3E1904-CCB1)		Prepared: 05/19/23 Analyzed: 05/22/23								
Benzene	0.160		ug/l							
Toluene	0.240		"							
Ethylbenzene	0.490		"							
Xylene (p/m)	0.870		"							
Xylene (o)	0.610		"							
Surrogate: 4-Bromofluorobenzene	0.127		"	0.120		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.6	80-120			

Calibration Blank (P3E1904-CCB2)		Prepared: 05/19/23 Analyzed: 05/22/23								
Benzene	0.240		ug/l							
Toluene	0.340		"							
Ethylbenzene	0.440		"							
Xylene (p/m)	0.980		"							
Xylene (o)	0.390		"							
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		97.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.6	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	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3E1904 - *** DEFAULT PREP ***

Calibration Check (P3E1904-CCV1)				Prepared: 05/19/23 Analyzed: 05/22/23						
Benzene	0.112	0.00100	mg/L	0.100		112	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.235	0.00200	"	0.200		117	80-120			
Xylene (o)	0.119	0.00100	"	0.100		119	80-120			
Surrogate: 4-Bromofluorobenzene	0.133		"	0.120		111	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.9	80-120			

Calibration Check (P3E1904-CCV2)				Prepared: 05/19/23 Analyzed: 05/22/23						
Benzene	0.115	0.00100	mg/L	0.100		115	80-120			
Toluene	0.117	0.00100	"	0.100		117	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.237	0.00200	"	0.200		118	80-120			
Xylene (o)	0.117	0.00100	"	0.100		117	80-120			
Surrogate: 4-Bromofluorobenzene	0.128		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.8	80-120			

Calibration Check (P3E1904-CCV3)				Prepared: 05/19/23 Analyzed: 05/22/23						
Benzene	0.116	0.00100	mg/L	0.100		116	80-120			
Toluene	0.118	0.00100	"	0.100		118	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.239	0.00200	"	0.200		119	80-120			
Xylene (o)	0.119	0.00100	"	0.100		119	80-120			
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.7	80-120			

Matrix Spike (P3E1904-MS1)				Source: 3E12009-02		Prepared: 05/19/23 Analyzed: 05/22/23				
Benzene	0.127	0.00100	mg/L	0.100	ND	127	80-120			QM-05
Toluene	0.124	0.00100	"	0.100	ND	124	80-120			QM-05
Ethylbenzene	0.128	0.00100	"	0.100	ND	128	80-120			QM-05
Xylene (p/m)	0.252	0.00200	"	0.200	ND	126	80-120			QM-05
Xylene (o)	0.120	0.00100	"	0.100	ND	120	80-120			
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.3	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	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3E1904 - *** DEFAULT PREP ***

Matrix Spike Dup (P3E1904-MSD1)	Source: 3E12009-02			Prepared: 05/19/23 Analyzed: 05/22/23						
Benzene	0.129	0.00100	mg/L	0.100	ND	129	80-120	1.51	20	QM-05
Toluene	0.128	0.00100	"	0.100	ND	128	80-120	3.02	20	QM-05
Ethylbenzene	0.133	0.00100	"	0.100	ND	133	80-120	3.70	20	QM-05
Xylene (p/m)	0.260	0.00200	"	0.200	ND	130	80-120	3.03	20	QM-05
Xylene (o)	0.126	0.00100	"	0.100	ND	126	80-120	4.82	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.129		"	0.120		108	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		97.0	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

Notes and Definitions

ROI Received on Ice

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

pH1 The Regulatory Holding time for pH is 15 minutes, 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:

5/26/2023

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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

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

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.

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

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

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



Analytical Report

Prepared for:

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

Project: SPS-11_MNA
Project Number: TNM SPS-11 MNA
Location: Lea County, New Mexico
Lab Order Number: 3H24003



Current Certification

Report Date: 09/26/23

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW- 35	3H24003-01	Water	08/23/23 12:05	08-24-2023 09:00
MW- 14	3H24003-02	Water	08/23/23 12:46	08-24-2023 09:00
MW- 32	3H24003-03	Water	08/23/23 13:26	08-24-2023 09:00
MW- 9	3H24003-04	Water	08/23/23 14:15	08-24-2023 09:00
MW- 4	3H24003-05	Water	08/23/23 14:50	08-24-2023 09:00
MW- 11	3H24003-06	Water	08/23/23 16:07	08-24-2023 09:00

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 35
3H24003-01 (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	P3H2405	08/24/23 12:55	08/24/23 20:55	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 20:55	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 20:55	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 20:55	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 20:55	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	88.7 %		80-120		P3H2405	08/24/23 12:55	08/24/23 20:55	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.8 %		80-120		P3H2405	08/24/23 12:55	08/24/23 20:55	EPA 8021B	
Ethane	ND	0.00100	mg/L	1	P3I1403	09/01/23 08:15	09/01/23 08:15	8015M	
Ethene	ND	0.00100	mg/L	1	P3I1403	09/01/23 08:15	09/01/23 08:15	8015M	
Methane	0.0133	0.000500	mg/L	1	P3I1403	09/01/23 08:15	09/01/23 08:15	8015M	

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	9.00	2.00	mg/L	1	P3I1819	09/18/23 13:36	09/20/23 15:19	8000	
Nitrate as N	0.319	0.200	mg/L	1	P3H2406	08/25/23 09:54	08/25/23 14:40	EPA 300.0	
Sulfate	40.8	10.0	mg/L	10	P3H2406	08/25/23 09:54	08/25/23 11:36	EPA 300.0	
Total Organic Carbon	5.94	1.00	mg/L	1	P3I1403	08/28/23 15:06	08/28/23 15:06	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.457	0.200	mg/L	1	P3I1403	08/30/23 09:00	08/30/23 20:18	EPA 6020A	SUB-13
Manganese	0.0867	0.0100	mg/L	1	P3I1403	08/30/23 09:00	08/30/23 20:18	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 14
3H24003-02 (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	P3H2405	08/24/23 12:55	08/24/23 21:18	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 21:18	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 21:18	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 21:18	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 21:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	84.0 %		80-120		P3H2405	08/24/23 12:55	08/24/23 21:18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	89.2 %		80-120		P3H2405	08/24/23 12:55	08/24/23 21:18	EPA 8021B	
Ethane	0.00165	0.00100	mg/L	1	P3I1403	09/01/23 08:23	09/01/23 08:23	8015M	
Ethene	0.00499	0.00100	mg/L	1	P3I1403	09/01/23 08:23	09/01/23 08:23	8015M	
Methane	0.529	0.0100	mg/L	1	P3I1403	09/01/23 08:23	09/01/23 10:50	8015M	

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	156	2.00	mg/L	1	P3I1819	09/18/23 13:36	09/20/23 15:19	8000	
Nitrate as N	0.234	0.200	mg/L	1	P3H2406	08/25/23 09:54	08/25/23 15:42	EPA 300.0	
Sulfate	13.2	10.0	mg/L	10	P3H2406	08/25/23 09:54	08/25/23 12:37	EPA 300.0	
Total Organic Carbon	54.0	5.00	mg/L	1	P3I1403	08/31/23 12:45	08/31/23 12:45	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	2.18	0.200	mg/L	1	P3I1403	08/30/23 09:00	08/30/23 20:20	EPA 6020A	SUB-13
Manganese	0.217	0.0100	mg/L	1	P3I1403	08/30/23 09:00	08/30/23 20:20	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 32
3H24003-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00181	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 21:41	EPA 8021B	
Toluene	0.00199	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 21:41	EPA 8021B	
Ethylbenzene	0.0130	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 21:41	EPA 8021B	
Xylene (p/m)	0.0166	0.00200	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 21:41	EPA 8021B	
Xylene (o)	0.00592	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 21:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	86.4 %	80-120			P3H2405	08/24/23 12:55	08/24/23 21:41	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.6 %	80-120			P3H2405	08/24/23 12:55	08/24/23 21:41	EPA 8021B	
Ethane	ND	0.00100	mg/L	1	P3I1403	09/01/23 09:28	09/01/23 09:28	8015M	
Ethene	0.00212	0.00100	mg/L	1	P3I1403	09/01/23 09:28	09/01/23 09:28	8015M	
Methane	0.00117	0.000500	mg/L	1	P3I1403	09/01/23 09:28	09/01/23 09:28	8015M	

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	ND	2.00	mg/L	1	P3I1819	09/18/23 13:36	09/20/23 15:19	8000	
Nitrate as N	1.12	0.200	mg/L	1	P3H2406	08/25/23 09:54	08/25/23 16:02	EPA 300.0	
Sulfate	43.2	10.0	mg/L	10	P3H2406	08/25/23 09:54	08/25/23 12:58	EPA 300.0	
Total Organic Carbon	1.19	1.00	mg/L	1	P3I1403	08/28/23 15:36	08/28/23 15:36	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P3I1403	08/30/23 09:00	08/30/23 20:21	EPA 6020A	SUB-13
Manganese	0.00890	0.0100	mg/L	1	P3I1403	08/30/23 09:00	08/30/23 20:21	EPA 6020A	J, SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 9
3H24003-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0823	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 22:51	EPA 8021B	
Toluene	0.00112	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 22:51	EPA 8021B	
Ethylbenzene	0.00200	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 22:51	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 22:51	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 22:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	83.0 %	80-120			P3H2405	08/24/23 12:55	08/24/23 22:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	89.3 %	80-120			P3H2405	08/24/23 12:55	08/24/23 22:51	EPA 8021B	
Ethane	ND	0.00100	mg/L	1	P3I1403	09/01/23 09:41	09/01/23 09:41	8015M	
Ethene	ND	0.00100	mg/L	1	P3I1403	09/01/23 09:41	09/01/23 09:41	8015M	
Methane	1.08	0.0250	mg/L	1	P3I1403	09/01/23 09:41	09/01/23 11:27	8015M	

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	165	2.00	mg/L	1	P3I1819	09/18/23 13:36	09/20/23 15:19	8000	
Nitrate as N	0.236	0.200	mg/L	1	P3H2406	08/25/23 09:54	08/25/23 16:23	EPA 300.0	
Sulfate	10.8	10.0	mg/L	10	P3H2406	08/25/23 09:54	08/25/23 13:18	EPA 300.0	
Total Organic Carbon	57.5	10.0	mg/L	1	P3I1403	08/31/22 13:01	08/31/22 13:01	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	11.9	0.200	mg/L	1	P3I1403	08/30/23 09:00	08/30/23 20:23	EPA 6020A	SUB-13
Manganese	0.577	0.0100	mg/L	1	P3I1403	08/30/23 09:00	08/30/23 20:23	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 4
3H24003-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	11.5	0.0500	mg/L	50	P3H2405	08/24/23 12:55	08/25/23 13:49	EPA 8021B	
Toluene	0.0750	0.0500	mg/L	50	P3H2405	08/24/23 12:55	08/25/23 13:49	EPA 8021B	
Ethylbenzene	9.17	0.0500	mg/L	50	P3H2405	08/24/23 12:55	08/25/23 13:49	EPA 8021B	
Xylene (p/m)	6.25	0.100	mg/L	50	P3H2405	08/24/23 12:55	08/25/23 13:49	EPA 8021B	
Xylene (o)	0.994	0.0500	mg/L	50	P3H2405	08/24/23 12:55	08/25/23 13:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	84.0 %			80-120	P3H2405	08/24/23 12:55	08/25/23 13:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	88.1 %			80-120	P3H2405	08/24/23 12:55	08/25/23 13:49	EPA 8021B	
Ethane	ND	0.00100	mg/L	1	P3I1403	09/01/23 09:49	09/01/23 09:49	8015M	
Ethene	ND	0.00100	mg/L	1	P3I1403	09/01/23 09:49	09/01/23 09:49	8015M	
Methane	2.98	0.0500	mg/L	1	P3I1403	09/01/23 09:49	09/01/23 11:38	8015M	

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	991	20.0	mg/L	1	P3H2812	08/28/23 08:38	08/29/23 07:21	8000	QAL1
Nitrate as N	0.464	0.200	mg/L	1	P3H2406	08/25/23 09:54	08/25/23 16:43	EPA 300.0	
Sulfate	26.6	10.0	mg/L	10	P3H2406	08/25/23 09:54	08/25/23 13:39	EPA 300.0	
Total Organic Carbon	ND	50.0	mg/L	1	P3I1403	08/28/23 17:38	08/28/23 17:38	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	1.03	0.200	mg/L	1	P3I1403	08/30/23 09:00	08/30/23 20:25	EPA 6020A	SUB-13
Manganese	0.0782	0.0100	mg/L	1	P3I1403	08/30/23 09:00	08/30/23 20:25	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 11
3H24003-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	4.27	0.0200	mg/L	20	P3H2405	08/24/23 12:55	08/24/23 23:38	EPA 8021B	
Toluene	0.0424	0.0200	mg/L	20	P3H2405	08/24/23 12:55	08/24/23 23:38	EPA 8021B	
Ethylbenzene	2.83	0.0200	mg/L	20	P3H2405	08/24/23 12:55	08/24/23 23:38	EPA 8021B	
Xylene (p/m)	1.81	0.0400	mg/L	20	P3H2405	08/24/23 12:55	08/24/23 23:38	EPA 8021B	
Xylene (o)	0.208	0.0200	mg/L	20	P3H2405	08/24/23 12:55	08/24/23 23:38	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	87.5 %	80-120			P3H2405	08/24/23 12:55	08/24/23 23:38	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.8 %	80-120			P3H2405	08/24/23 12:55	08/24/23 23:38	EPA 8021B	
Ethane	ND	0.00100	mg/L	1	P3I1403	09/01/23 10:09	09/01/23 10:09	8015M	
Ethene	ND	0.00100	mg/L	1	P3I1403	09/01/23 10:09	09/01/23 10:09	8015M	
Methane	6.70	0.250	mg/L	1	P3I1403	09/01/23 10:09	09/01/23 10:09	8015M	

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	69.0	2.00	mg/L	1	P3I1819	09/18/23 13:36	09/20/23 15:19	8000	
Nitrate as N	0.220	0.200	mg/L	1	P3H2406	08/25/23 09:54	08/25/23 17:04	EPA 300.0	
Sulfate	10.7	10.0	mg/L	10	P3H2406	08/25/23 09:54	08/25/23 13:59	EPA 300.0	
Total Organic Carbon	15.6	1.00	mg/L	1	P3I1403	08/28/23 18:07	08/28/23 18:07	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	2.75	0.200	mg/L	1	P3I1403	08/30/23 09:00	08/30/23 20:27	EPA 6020A	SUB-13
Manganese	0.196	0.0100	mg/L	1	P3I1403	08/30/23 09:00	08/30/23 20:27	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3H2405 - *** DEFAULT PREP ***

Blank (P3H2405-BLK1)			Prepared & Analyzed: 08/24/23							
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.1	80-120			

LCS (P3H2405-BS1)			Prepared & Analyzed: 08/24/23							
Benzene	0.0969	0.00100	mg/L	0.100		96.9	80-120			
Toluene	0.0920	0.00100	"	0.100		92.0	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0892	0.00100	"	0.100		89.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.8	80-120			

LCS Dup (P3H2405-BSD1)			Prepared & Analyzed: 08/24/23							
Benzene	0.0917	0.00100	mg/L	0.100		91.7	80-120	5.52	20	
Toluene	0.0860	0.00100	"	0.100		86.0	80-120	6.73	20	
Ethylbenzene	0.0940	0.00100	"	0.100		94.0	80-120	6.49	20	
Xylene (p/m)	0.191	0.00200	"	0.200		95.4	80-120	5.58	20	
Xylene (o)	0.0846	0.00100	"	0.100		84.6	80-120	5.30	20	
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.5	80-120			

Calibration Blank (P3H2405-CCB1)			Prepared & Analyzed: 08/24/23							
Benzene	0.140		ug/l							
Toluene	0.210		"							
Ethylbenzene	0.100		"							
Xylene (p/m)	0.160		"							
Xylene (o)	0.170		"							
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.8	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	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3H2405 - *** DEFAULT PREP ***

Calibration Blank (P3H2405-CCB2)				Prepared & Analyzed: 08/24/23						
Benzene	0.120		ug/l							
Toluene	0.280		"							
Ethylbenzene	0.150		"							
Xylene (p/m)	0.370		"							
Xylene (o)	0.320		"							
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.8	80-120			

Calibration Check (P3H2405-CCV1)				Prepared & Analyzed: 08/24/23						
Benzene	0.0952	0.00100	mg/L	0.100		95.2	80-120			
Toluene	0.0975	0.00100	"	0.100		97.5	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.100	0.00100	"	0.100		100	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

Calibration Check (P3H2405-CCV2)				Prepared & Analyzed: 08/24/23						
Benzene	0.0915	0.00100	mg/L	0.100		91.5	80-120			
Toluene	0.0897	0.00100	"	0.100		89.7	80-120			
Ethylbenzene	0.0948	0.00100	"	0.100		94.8	80-120			
Xylene (p/m)	0.199	0.00200	"	0.200		99.4	80-120			
Xylene (o)	0.0914	0.00100	"	0.100		91.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		90.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.4	80-120			

Calibration Check (P3H2405-CCV3)				Prepared: 08/24/23 Analyzed: 08/25/23						
Benzene	0.0972	0.00100	mg/L	0.100		97.2	80-120			
Toluene	0.0927	0.00100	"	0.100		92.7	80-120			
Ethylbenzene	0.0942	0.00100	"	0.100		94.2	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.4	80-120			
Xylene (o)	0.0876	0.00100	"	0.100		87.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.4	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	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3H2405 - *** DEFAULT PREP ***

Matrix Spike (P3H2405-MS1)	Source: 3H24004-01			Prepared: 08/24/23 Analyzed: 08/25/23						
Benzene	0.0982	0.00100	mg/L	0.100	0.00499	93.2	80-120			
Toluene	0.0888	0.00100	"	0.100	ND	88.8	80-120			
Ethylbenzene	0.0903	0.00100	"	0.100	0.0599	30.4	80-120			QM-05
Xylene (p/m)	0.178	0.00200	"	0.200	0.0450	66.3	80-120			QM-05
Xylene (o)	0.0779	0.00100	"	0.100	0.00844	69.4	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.9	80-120			

Matrix Spike Dup (P3H2405-MSD1)	Source: 3H24004-01			Prepared: 08/24/23 Analyzed: 08/25/23						
Benzene	0.0966	0.00100	mg/L	0.100	0.00499	91.6	80-120	1.71	20	
Toluene	0.0873	0.00100	"	0.100	ND	87.3	80-120	1.68	20	
Ethylbenzene	0.0896	0.00100	"	0.100	0.0599	29.7	80-120	2.59	20	QM-05
Xylene (p/m)	0.174	0.00200	"	0.200	0.0450	64.7	80-120	2.49	20	QM-05
Xylene (o)	0.0766	0.00100	"	0.100	0.00844	68.1	80-120	1.86	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.107		"	0.120		89.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.7	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	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3H2406 - *** DEFAULT PREP ***										
Blank (P3H2406-BLK1)				Prepared & Analyzed: 08/25/23						
Sulfate	ND	1.00	mg/L							
Nitrate as N	ND	0.200	"							
LCS (P3H2406-BS1)				Prepared & Analyzed: 08/25/23						
Sulfate	10.0		mg/L	10.0		100	90-110			
Nitrate as N	10.5		"	10.0		105	90-110			
LCS Dup (P3H2406-BSD1)				Prepared & Analyzed: 08/25/23						
Sulfate	10.0		mg/L	10.0		100	90-110	0.110	10	
Nitrate as N	10.5		"	10.0		105	90-110	0.0380	10	
Calibration Check (P3H2406-CCV1)				Prepared & Analyzed: 08/25/23						
Nitrate as N	10.5		mg/L	10.0		105	90-110			
Sulfate	10.0		"	10.0		100	90-110			
Calibration Check (P3H2406-CCV2)				Prepared & Analyzed: 08/25/23						
Nitrate as N	10.7		mg/L	10.0		107	90-110			
Sulfate	10.2		"	10.0		102	90-110			
Matrix Spike (P3H2406-MS1)		Source: 3H24003-01		Prepared & Analyzed: 08/25/23						
Sulfate	13.4		mg/L	10.0	4.08	93.4	80-120			
Matrix Spike (P3H2406-MS2)		Source: 3H24003-01		Prepared & Analyzed: 08/25/23						
Nitrate as N	11.2		mg/L	10.0	0.319	108	80-120			
Matrix Spike Dup (P3H2406-MSD1)		Source: 3H24003-01		Prepared & Analyzed: 08/25/23						
Sulfate	13.5		mg/L	10.0	4.08	93.9	80-120	0.342	20	

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.

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

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

Batch P3H2406 - *** DEFAULT PREP ***

Matrix Spike Dup (P3H2406-MSD2)	Source: 3H24003-01		Prepared & Analyzed: 08/25/23					
Nitrate as N	11.2	mg/L	10.0	0.319	108	80-120	0.0359	20

Batch P3H2812 - *** DEFAULT PREP ***

Blank (P3H2812-BLK1)				Prepared: 08/28/23 Analyzed: 08/29/23	
Chemical Oxygen Demand	ND	20.0	mg/L		QAL1

LCS (P3H2812-BS1)				Prepared: 08/28/23 Analyzed: 08/29/23			
Chemical Oxygen Demand	1070	20.0	mg/L	1000	107	80-120	QAL1

LCS Dup (P3H2812-BSD1)				Prepared: 08/28/23 Analyzed: 08/29/23					
Chemical Oxygen Demand	1100	20.0	mg/L	1000	110	80-120	2.96	20	QAL1

Duplicate (P3H2812-DUP1)	Source: 3H18001-01			Prepared: 08/28/23 Analyzed: 08/29/23			
Chemical Oxygen Demand	229	20.0	mg/L	227	0.877	20	QAL1

Matrix Spike (P3H2812-MS1)	Source: 3H18001-01			Prepared: 08/28/23 Analyzed: 08/29/23				
Chemical Oxygen Demand	1100	20.0	mg/L	500	227	175	80-120	QAL1, QM-05

Matrix Spike Dup (P3H2812-MSD1)	Source: 3H18001-01			Prepared: 08/28/23 Analyzed: 08/29/23						
Chemical Oxygen Demand	1120	20.0	mg/L	500	227	178	80-120	1.35	20	QAL1, QM-05

Batch P3I1819 - *** DEFAULT PREP ***

Blank (P3I1819-BLK1)				Prepared: 09/18/23 Analyzed: 09/20/23	
Chemical Oxygen Demand	ND	2.00	mg/L		

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	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch P3I1819 - *** DEFAULT PREP ***									
LCS (P3I1819-BS1)				Prepared: 09/18/23 Analyzed: 09/20/23					
Chemical Oxygen Demand	103	2.00	mg/L	100	103	80-120			
LCS Dup (P3I1819-BSD1)				Prepared: 09/18/23 Analyzed: 09/20/23					
Chemical Oxygen Demand	110	2.00	mg/L	100	110	80-120	6.57	20	
Calibration Blank (P3I1819-CCB1)				Prepared: 09/18/23 Analyzed: 09/20/23					
Chemical Oxygen Demand	0.00		mg/L						
Calibration Blank (P3I1819-CCB2)				Prepared: 09/18/23 Analyzed: 09/20/23					
Chemical Oxygen Demand	0.00		mg/L						
Calibration Check (P3I1819-CCV1)				Prepared: 09/18/23 Analyzed: 09/20/23					
Chemical Oxygen Demand	105	2.00	mg/L	100	105	80-120			
Calibration Check (P3I1819-CCV2)				Prepared: 09/18/23 Analyzed: 09/20/23					
Chemical Oxygen Demand	107	2.00	mg/L	100	107	80-120			
Calibration Check (P3I1819-CCV3)				Prepared: 09/18/23 Analyzed: 09/20/23					
Chemical Oxygen Demand	105	2.00	mg/L	100	105	80-120			
Duplicate (P3I1819-DUP1)		Source: 3H24003-01		Prepared: 09/18/23 Analyzed: 09/20/23					
Chemical Oxygen Demand	7.00	2.00	mg/L		9.00		25.0	20	R3
Duplicate (P3I1819-DUP2)		Source: 3H31013-05		Prepared: 09/18/23 Analyzed: 09/20/23					
Chemical Oxygen Demand	408	4.00	mg/L		157		88.8	20	R3
Matrix Spike (P3I1819-MS1)		Source: 3H24003-01		Prepared: 09/18/23 Analyzed: 09/20/23					
Chemical Oxygen Demand	114	2.00	mg/L	100	9.00	105	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.

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

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

Batch P3I1819 - *** DEFAULT PREP ***

Matrix Spike (P3I1819-MS2)	Source: 3H31013-05			Prepared: 09/18/23 Analyzed: 09/20/23						
Chemical Oxygen Demand	406	4.00	mg/L	200	157	124	80-120			QM-05
Matrix Spike Dup (P3I1819-MSD1)	Source: 3H24003-01			Prepared: 09/18/23 Analyzed: 09/20/23						
Chemical Oxygen Demand	112	2.00	mg/L	100	9.00	103	80-120	1.77	20	
Matrix Spike Dup (P3I1819-MSD2)	Source: 3H31013-05			Prepared: 09/18/23 Analyzed: 09/20/23						
Chemical Oxygen Demand	404	4.00	mg/L	200	157	124	80-120	0.494	20	QM-05

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

Notes and Definitions

SUB-13 Subcontract of analyte/analysis to ALS Houston.

ROI Received on Ice

R3 The RPD exceeded the acceptance limit due to sample matrix effects.

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

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

pH1 The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.

NPBEL C Chain of Custody was not generated at PBELAB

J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

9/26/2023

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

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

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

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

Project: SPS-11_MNA
Project Number: TNM SPS-11 MNA
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.

PBBLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Page 1 of

Project Manager: Curt Stanley

Project Name: SPS-11

Company Name: TRC Environmental Corporation

Project #: SRS: TNM SPS-11

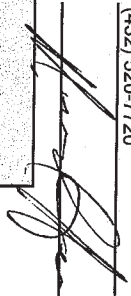
Company Address: 10 Desta Drive, Ste 130E

Project Loc: Lea County, NM

City/State/Zip: Midland TX 79705

PO #:

Telephone No: (432) 520-7720

Report Format: ☒ Standard ☐ TRRP ☐ NPDESSampler Signature: 

e-mail: cstanley@trccompanies.com

clbryant@paalp.com

knudgens@paalp.com

mgreen@trccompanies.com

(lab use only)

ORDER #: 3H24003

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃ (Field Filtered - 250 ml)	HCl (40 ml VOA)	H ₂ SO ₄ (250 ml)	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	TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate by E300	COD by SM 5310	Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-35			8-23-23	1205		9	X	1	6	2					GW	X	X	X	X	X		X	
2	MW-14				1246		9	X	1	6	2					GW	X	X	X	X	X		X	
3	MW-32				1326		9	X	1	6	2					GW	X	X	X	X	X		X	
4	MW-9				1415		9	X	1	6	2					GW	X	X	X	X	X		X	
5	MW-4				1450		9	X	1	6	2					GW	X	X	X	X	X		X	
6	MW-11				1607		9	X	1	6	2					GW	X	X	X	X	X		X	

Special Instructions:

BILL TO PLAINS

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Brent BarronProject Name: SUBCONTRACTCompany Name: PBEL

Project #: _____

Company Address: 1400 Rankin HWY

Project Loc: _____

City/State/Zip: Midland Texas 79701

PO #: _____

Telephone No: 432-661-4184

Fax No: _____

Report Format: ☒ Standard☐ TRRP☐ NPDESSampler Signature: N/Ae-mail: brentbarron@pbelab.com

ORDER #:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers										Matrix		RSK SOP-175	TOC-415.1	Mn, Fe ICP-MS 6020A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

SPECIAL INSTRUCTIONS:

Relinquished by: Brent Barron	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?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		
Temperature Upon Receipt:		
Received: °C		
Adjusted: °C Factor		



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

September 01, 2023

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

Work Order: **HS23081653**

Laboratory Results for: **3H24003**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Aug 25, 2023 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,

Generated By: JUMOKE.LAWAL

Anna Kinchen
Project Manager

ALS Houston, US

Date: 01-Sep-23

Client: Permian Basin Environmental Lab, LP
Project: 3H24003
Work Order: HS23081653

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23081653-01	3H24003-01	Water		23-Aug-2023 12:05	25-Aug-2023 09:50	☐
HS23081653-02	3H24003-02	Water		23-Aug-2023 12:46	25-Aug-2023 09:50	☐
HS23081653-03	3H24003-03	Water		23-Aug-2023 13:26	25-Aug-2023 09:50	☐
HS23081653-04	3H24003-04	Water		23-Aug-2023 14:15	25-Aug-2023 09:50	☐
HS23081653-05	3H24003-05	Water		23-Aug-2023 14:50	25-Aug-2023 09:50	☐
HS23081653-06	3H24003-06	Water		23-Aug-2023 16:07	25-Aug-2023 09:50	☐

ALS Houston, US

Date: 01-Sep-23

Client: Permian Basin Environmental Lab, LP
Project: 3H24003
Work Order: HS23081653

CASE NARRATIVE

GC Semivolatiles by Method RSK-175

Batch ID: R445417

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

Metals by Method SW6020A

Batch ID: 199656

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

WetChemistry by Method E415.1

Batch ID: R445303

Sample ID: HS23081640-01MS

- MS is for an unrelated sample

Batch ID: R445026,R445030

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

ALS Houston, US

Date: 01-Sep-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3H24003	WorkOrder:HS23081653
Sample ID:	3H24003-01	Lab ID:HS23081653-01
Collection Date:	23-Aug-2023 12:05	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	ND		1.00	ug/L	1	01-Sep-2023 08:15
Ethene	ND		1.00	ug/L	1	01-Sep-2023 08:15
Methane	13.3		0.500	ug/L	1	01-Sep-2023 08:15
ICP-MS METALS BY SW6020A		Method:SW6020A		Prep:SW3010A / 30-Aug-2023 Analyst: JC		
Iron	0.457		0.200	mg/L	1	30-Aug-2023 20:18
Manganese	0.0867		0.00500	mg/L	1	30-Aug-2023 20:18
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: DW		
Organic Carbon, Total	5.94		1.00	mg/L	1	28-Aug-2023 15:06

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

ALS Houston, US

Date: 01-Sep-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3H24003	WorkOrder:HS23081653
Sample ID:	3H24003-02	Lab ID:HS23081653-02
Collection Date:	23-Aug-2023 12:46	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	1.65		1.00	ug/L	1	01-Sep-2023 08:23
Ethene	4.99		1.00	ug/L	1	01-Sep-2023 08:23
Methane	529		10.0	ug/L	20	01-Sep-2023 10:50
ICP-MS METALS BY SW6020A		Method:SW6020A		Prep:SW3010A / 30-Aug-2023 Analyst: JC		
Iron	2.18		0.200	mg/L	1	30-Aug-2023 20:20
Manganese	0.217		0.00500	mg/L	1	30-Aug-2023 20:20
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: MZD		
Organic Carbon, Total	54.0		5.00	mg/L	5	31-Aug-2023 12:45

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

ALS Houston, US

Date: 01-Sep-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3H24003	WorkOrder:HS23081653
Sample ID:	3H24003-03	Lab ID:HS23081653-03
Collection Date:	23-Aug-2023 13:26	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	ND		1.00	ug/L	1	01-Sep-2023 09:28
Ethene	2.12		1.00	ug/L	1	01-Sep-2023 09:28
Methane	1.17		0.500	ug/L	1	01-Sep-2023 09:28
ICP-MS METALS BY SW6020A		Method:SW6020A		Prep:SW3010A / 30-Aug-2023 Analyst: JC		
Iron	ND		0.200	mg/L	1	30-Aug-2023 20:21
Manganese	0.00890		0.00500	mg/L	1	30-Aug-2023 20:21
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: DW		
Organic Carbon, Total	1.19		1.00	mg/L	1	28-Aug-2023 15:36

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

ALS Houston, US

Date: 01-Sep-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3H24003	WorkOrder:HS23081653
Sample ID:	3H24003-04	Lab ID:HS23081653-04
Collection Date:	23-Aug-2023 14:15	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	ND		1.00	ug/L	1	01-Sep-2023 09:41
Ethene	ND		1.00	ug/L	1	01-Sep-2023 09:41
Methane	1,080		25.0	ug/L	50	01-Sep-2023 11:27
ICP-MS METALS BY SW6020A		Method:SW6020A		Prep:SW3010A / 30-Aug-2023 Analyst: JC		
Iron	11.9		0.200	mg/L	1	30-Aug-2023 20:23
Manganese	0.577		0.00500	mg/L	1	30-Aug-2023 20:23
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: MZD		
Organic Carbon, Total	57.5		10.0	mg/L	10	31-Aug-2023 13:01

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

ALS Houston, US

Date: 01-Sep-23

Client:Permian Basin Environmental Lab, LP

Project:3H24003

Sample ID:3H24003-05

Collection Date:23-Aug-2023 14:50

ANALYTICAL REPORT

WorkOrder:HS23081653

Lab ID:HS23081653-05

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	ND		1.00	ug/L	1	01-Sep-2023 09:49
Ethene	ND		1.00	ug/L	1	01-Sep-2023 09:49
Methane	2,980		50.0	ug/L	100	01-Sep-2023 11:38
ICP-MS METALS BY SW6020A		Method:SW6020A		Prep:SW3010A / 30-Aug-2023 Analyst: JC		
Iron	1.03		0.200	mg/L	1	30-Aug-2023 20:25
Manganese	0.0782		0.00500	mg/L	1	30-Aug-2023 20:25
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: DW		
Organic Carbon, Total	ND		50.0	mg/L	50	28-Aug-2023 17:38

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

ALS Houston, US

Date: 01-Sep-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3H24003	WorkOrder:HS23081653
Sample ID:	3H24003-06	Lab ID:HS23081653-06
Collection Date:	23-Aug-2023 16:07	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	ND		1.00	ug/L	1	01-Sep-2023 10:09
Ethene	ND		1.00	ug/L	1	01-Sep-2023 10:09
Methane	6,700		250	ug/L	500	01-Sep-2023 11:50
ICP-MS METALS BY SW6020A		Method:SW6020A		Prep:SW3010A / 30-Aug-2023 Analyst: JC		
Iron	2.75		0.200	mg/L	1	30-Aug-2023 20:27
Manganese	0.196		0.00500	mg/L	1	30-Aug-2023 20:27
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: DW		
Organic Carbon, Total	15.6		1.00	mg/L	1	28-Aug-2023 18:07

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

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 3H24003
WorkOrder: HS23081653

Batch ID: 199656	Start Date: 30 Aug 2023 09:00	End Date: 30 Aug 2023 09:00
Method: WATER - SW3010A	Prep Code: 3010A	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23081653-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23081653-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23081653-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23081653-04		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23081653-05		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23081653-06		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

ALS Houston, US

Date: 01-Sep-23

Client: Permian Basin Environmental Lab, LP
Project: 3H24003
WorkOrder: HS23081653

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 199656 (0)		Test Name : ICP-MS METALS BY SW6020A			Matrix: Water	
HS23081653-01	3H24003-01	23 Aug 2023 12:05		30 Aug 2023 09:00	30 Aug 2023 20:18	1
HS23081653-02	3H24003-02	23 Aug 2023 12:46		30 Aug 2023 09:00	30 Aug 2023 20:20	1
HS23081653-03	3H24003-03	23 Aug 2023 13:26		30 Aug 2023 09:00	30 Aug 2023 20:21	1
HS23081653-04	3H24003-04	23 Aug 2023 14:15		30 Aug 2023 09:00	30 Aug 2023 20:23	1
HS23081653-05	3H24003-05	23 Aug 2023 14:50		30 Aug 2023 09:00	30 Aug 2023 20:25	1
HS23081653-06	3H24003-06	23 Aug 2023 16:07		30 Aug 2023 09:00	30 Aug 2023 20:27	1
Batch ID: R445026 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS23081653-01	3H24003-01	23 Aug 2023 12:05			28 Aug 2023 15:06	1
HS23081653-03	3H24003-03	23 Aug 2023 13:26			28 Aug 2023 15:36	1
Batch ID: R445030 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS23081653-05	3H24003-05	23 Aug 2023 14:50			28 Aug 2023 17:38	50
HS23081653-06	3H24003-06	23 Aug 2023 16:07			28 Aug 2023 18:07	1
Batch ID: R445303 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS23081653-02	3H24003-02	23 Aug 2023 12:46			31 Aug 2023 12:45	5
HS23081653-04	3H24003-04	23 Aug 2023 14:15			31 Aug 2023 13:01	10
Batch ID: R445417 (0)		Test Name : DISSOLVED GASES BY RSK-175			Matrix: Water	
HS23081653-01	3H24003-01	23 Aug 2023 12:05			01 Sep 2023 08:15	1
HS23081653-02	3H24003-02	23 Aug 2023 12:46			01 Sep 2023 10:50	20
HS23081653-02	3H24003-02	23 Aug 2023 12:46			01 Sep 2023 08:23	1
HS23081653-03	3H24003-03	23 Aug 2023 13:26			01 Sep 2023 09:28	1
HS23081653-04	3H24003-04	23 Aug 2023 14:15			01 Sep 2023 11:27	50
HS23081653-04	3H24003-04	23 Aug 2023 14:15			01 Sep 2023 09:41	1
HS23081653-05	3H24003-05	23 Aug 2023 14:50			01 Sep 2023 11:38	100
HS23081653-05	3H24003-05	23 Aug 2023 14:50			01 Sep 2023 09:49	1
HS23081653-06	3H24003-06	23 Aug 2023 16:07			01 Sep 2023 11:50	500
HS23081653-06	3H24003-06	23 Aug 2023 16:07			01 Sep 2023 10:09	1

ALS Houston, US

Date: 01-Sep-23

Client: Permian Basin Environmental Lab, LP
Project: 3H24003
WorkOrder: HS23081653

QC BATCH REPORT

Batch ID: R445417 (0)		Instrument: FID-4		Method: DISSOLVED GASES BY RSK-175					
MBLK	Sample ID: MBLK-230901	Units: ug/L		Analysis Date: 01-Sep-2023 07:41					
Client ID:	Run ID: FID-4_445417	SeqNo: 7523132		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-230901	Units: ug/L		Analysis Date: 01-Sep-2023 07:56					
Client ID:	Run ID: FID-4_445417	SeqNo: 7523133		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Ethane	20.29	1.00	18.04	0	112	75 - 125			
Ethene	18.4	1.00	16.8	0	110	75 - 125			
Methane	8.27	0.500	9.647	0	85.7	75 - 125			

LCSD	Sample ID: LCSD-230901	Units: ug/L		Analysis Date: 01-Sep-2023 08:06					
Client ID:	Run ID: FID-4_445417	SeqNo: 7523134		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Ethane	20.18	1.00	18.04	0	112	75 - 125	20.29	0.522	30
Ethene	18.11	1.00	16.8	0	108	75 - 125	18.4	1.58	30
Methane	8.035	0.500	9.647	0	83.3	75 - 125	8.27	2.88	30

DUP	Sample ID: HS23081682-03DUP	Units: ug/L		Analysis Date: 01-Sep-2023 16:03					
Client ID:	Run ID: FID-4_445417	SeqNo: 7523161		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Ethane	ND	1.00					0	0	30
Ethene	ND	1.00					0	0	30
Methane	0.8256	0.500					0.7344	11.7	30

The following samples were analyzed in this batch: HS23081653-01 HS23081653-02 HS23081653-03 HS23081653-04
 HS23081653-05 HS23081653-06

ALS Houston, US

Date: 01-Sep-23

Client: Permian Basin Environmental Lab, LP
Project: 3H24003
WorkOrder: HS23081653

QC BATCH REPORT

Batch ID: 199656 (0)		Instrument: ICPMS06		Method: ICP-MS METALS BY SW6020A					
MBLK	Sample ID: MBLK-199656	Units: mg/L		Analysis Date: 30-Aug-2023 19:37					
Client ID:	Run ID: ICPMS06_445164	SeqNo: 7518534		PrepDate: 30-Aug-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	ND	0.200							
Manganese	ND	0.00500							

LCS	Sample ID: LCS-199656	Units: mg/L		Analysis Date: 30-Aug-2023 19:39					
Client ID:	Run ID: ICPMS06_445164	SeqNo: 7518535		PrepDate: 30-Aug-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	4.879	0.200	5	0	97.6	80 - 120			
Manganese	0.04853	0.00500	0.05	0	97.1	80 - 120			

MS	Sample ID: HS23081591-01MS	Units: mg/L		Analysis Date: 30-Aug-2023 19:44					
Client ID:	Run ID: ICPMS06_445164	SeqNo: 7518538		PrepDate: 30-Aug-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	5.511	0.200	5	0.7101	96.0	80 - 120			
Manganese	0.06332	0.00500	0.05	0.01563	95.4	80 - 120			

MSD	Sample ID: HS23081591-01MSD	Units: mg/L		Analysis Date: 30-Aug-2023 19:46					
Client ID:	Run ID: ICPMS06_445164	SeqNo: 7518539		PrepDate: 30-Aug-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	5.246	0.200	5	0.7101	90.7	80 - 120	5.511	4.93	20
Manganese	0.06258	0.00500	0.05	0.01563	93.9	80 - 120	0.06332	1.17	20

PDS	Sample ID: HS23081591-01PDS	Units: mg/L		Analysis Date: 30-Aug-2023 19:48					
Client ID:	Run ID: ICPMS06_445164	SeqNo: 7518540		PrepDate: 30-Aug-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	15.07	0.200	15	0.7101	95.7	75 - 125			
Manganese	0.1577	0.00500	0.15	0.01563	94.7	75 - 125			

ALS Houston, US

Date: 01-Sep-23

Client: Permian Basin Environmental Lab, LP
Project: 3H24003
WorkOrder: HS23081653

QC BATCH REPORT

Batch ID: 199656 (0)		Instrument: ICPMS06		Method: ICP-MS METALS BY SW6020A							
SD	Sample ID: HS23081591-01SD		Units: mg/L		Analysis Date: 30-Aug-2023 19:43						
Client ID:	Run ID: ICPMS06_445164		SeqNo: 7518537		PrepDate: 30-Aug-2023		DF: 5				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	Limit	Qual	
Iron	0.7492	1.00					0.7101	0	10	J	
Manganese	0.01676	0.0250					0.01563	0	10	J	
The following samples were analyzed in this batch:				HS23081653-01		HS23081653-02		HS23081653-03		HS23081653-04	
				HS23081653-05		HS23081653-06					

ALS Houston, US

Date: 01-Sep-23

Client: Permian Basin Environmental Lab, LP
Project: 3H24003
WorkOrder: HS23081653

QC BATCH REPORT

Batch ID: R445026 (0)		Instrument: TOC_05		Method: TOTAL ORGANIC CARBON BY E415.1					
MBLK	Sample ID: MBLK-08282023	Units: mg/L		Analysis Date: 28-Aug-2023 11:43					
Client ID:	Run ID: TOC_05_445026	SeqNo: 7514218		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-08282023	Units: mg/L		Analysis Date: 28-Aug-2023 11:59					
Client ID:	Run ID: TOC_05_445026	SeqNo: 7514219		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	10.41	1.00	10	0	104	85 - 115			
LCSD	Sample ID: LCSD-08282023	Units: mg/L		Analysis Date: 28-Aug-2023 12:14					
Client ID:	Run ID: TOC_05_445026	SeqNo: 7514220		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	10.34	1.00	10	0	103	85 - 115	10.41	0.675	20
MS	Sample ID: HS23081377-01MS	Units: mg/L		Analysis Date: 28-Aug-2023 12:47					
Client ID:	Run ID: TOC_05_445026	SeqNo: 7514308		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	33.79	1.00	10	23.04	108	80 - 120			
The following samples were analyzed in this batch:									
HS23081653-01 HS23081653-03									

ALS Houston, US

Date: 01-Sep-23

Client: Permian Basin Environmental Lab, LP
Project: 3H24003
WorkOrder: HS23081653

QC BATCH REPORT

Batch ID: R445030 (0)		Instrument: TOC_05		Method: TOTAL ORGANIC CARBON BY E415.1					
MBLK	Sample ID: MBLK-08282023	Units: mg/L		Analysis Date: 28-Aug-2023 16:19					
Client ID:	Run ID: TOC_05_445030	SeqNo: 7514311		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-08282023	Units: mg/L		Analysis Date: 28-Aug-2023 16:35					
Client ID:	Run ID: TOC_05_445030	SeqNo: 7514312		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	10.27	1.00	10	0	103	85 - 115			
LCSD	Sample ID: LCSD-08282023	Units: mg/L		Analysis Date: 28-Aug-2023 16:51					
Client ID:	Run ID: TOC_05_445030	SeqNo: 7514313		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	10.27	1.27	20
MS	Sample ID: HS23081653-04MS	Units: mg/L		Analysis Date: 28-Aug-2023 17:24					
Client ID: 3H24003-04	Run ID: TOC_05_445030	SeqNo: 7514315		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	69.78	1.00	10	60.89	88.9	80 - 120			EO
The following samples were analyzed in this batch:									
HS23081653-05 HS23081653-06									

ALS Houston, US

Date: 01-Sep-23

Client: Permian Basin Environmental Lab, LP
Project: 3H24003
WorkOrder: HS23081653

QC BATCH REPORT

Batch ID: R445303 (0)		Instrument: TOC_05		Method: TOTAL ORGANIC CARBON BY E415.1						
MBLK	Sample ID: MBLK-08312023	Units: mg/L		Analysis Date: 31-Aug-2023 10:58						
Client ID:	Run ID: TOC_05_445303	SeqNo: 7520450		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	ND	1.00								
LCS	Sample ID: LCS-08312023	Units: mg/L		Analysis Date: 31-Aug-2023 11:14						
Client ID:	Run ID: TOC_05_445303	SeqNo: 7520451		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.39	1.00	10	0	104	85 - 115				
LCSD	Sample ID: LCSD-08312023	Units: mg/L		Analysis Date: 31-Aug-2023 11:30						
Client ID:	Run ID: TOC_05_445303	SeqNo: 7520452		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.37	1.00	10	0	104	85 - 115	10.39	0.193	20	
MS	Sample ID: HS23081640-01MS	Units: mg/L		Analysis Date: 31-Aug-2023 12:29						
Client ID:	Run ID: TOC_05_445303	SeqNo: 7520456		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	30.83	1.00	10	17.65	132	80 - 120				S
The following samples were analyzed in this batch:										
			HS23081653-02 HS23081653-04							

ALS Houston, US

Date: 01-Sep-23

Client: Permian Basin Environmental Lab, LP
Project: 3H24003
WorkOrder: HS23081653

**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: 01-Sep-23

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	88-00356	27-Mar-2024
California	2919; 2024	30-Apr-2024
Dept of Defense	L23-358	31-May-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Louisiana	03087 2023-2024	30-Jun-2024
Maryland	343; 2023-2024	30-Jun-2024
North Carolina	624-2023	31-Dec-2023
North Dakota	R-193 2023-2024	30-Apr-2024
Texas	T104704231-23-31	30-Apr-2024
Utah	TX026932023-14	31-Jul-2024

ALS Houston, US

Date: 01-Sep-23

Sample Receipt Checklist

Work Order ID: HS23081653

Date/Time Received: 25-Aug-2023 09:50

Client Name: Permian Basin Lab

Received by: Corey Grandits

Completed By: /S/ Paresh M. Giga	25-Aug-2023 17:34	Reviewed by: /S/ Anna Kinchen	29-Aug-2023 14:36
eSignature	Date/Time	eSignature	Date/Time

Matrices: WaterCarrier name: FedEx Priority Overnight

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	COC IDs:none
Samplers name present on COC?	Yes ☐	No ☒	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Temperature(s)/Thermometer(s):	3.8C/3.7C U/C IR31		
Cooler(s)/Kit(s):	Red		
Date/Time sample(s) sent to storage:	8/25/23 17:45		
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☒	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☒	N/A ☐
pH adjusted by:			

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235
PBELAB SUB COC V2

Project Manager: Brent Barron

Project Name: SUBCONTRACT

Company Name PBEL

Project #:

Company Address: 1400 Rankin HWY

Project Loc:

City/State/Zip: Midland Texas 79701

PO #:

Telephone No: 432-661-4184

Report Format: X Standard ☒ TRRP ☐ NPDES

Sampler Signature: N/A

e-mail: brentbarron@pbelab.com

HS23081653

Permian Basin Environmental Lab, LP
3H24003

[illegible]

ORIGIN ID:MAFA (432) 866-7235

PRET BARRON

PRE LAB

1400 RANKIN HWY

MIDLAND, TX 79701

UNITED STATES, US

SHIP DATE: 24AUG23

ACTWGT: 30.0 LB

CAD: 007136646INET4535

DIMS: 15x17x9 IN

BILL RECIPIENT

TO: **SAMPLE RECEIVING**

ALS-HOUSTON

10450 STANCLIFF RD

HOUSTON TX 77099

REF: (281) 530-5615

DEPT



583J5/7584/SAE3

TRK# 7731 5937 9788

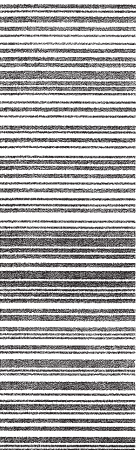
FRI - 25 AUG 5:00P

STANDARD OVERNIGHT

XA SGRA

TX-US IAH

77099



Red

AUG 25 2023

After printing this label:
CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH
1. Fold the printed page along the horizontal line.
2. Place label in shipping pouch and affix it to your shipment.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on [fedex.com](https://www.fedex.com). FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

**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: 3H31012



Current Certification

Report Date: 09/11/23

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-10	3H31012-01	Water	08/24/23 13:15	08-31-2023 08:16
MW-6	3H31012-02	Water	08/24/23 13:47	08-31-2023 08:16
MW-26	3H31012-03	Water	08/24/23 14:25	08-31-2023 08:16

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-10
3H31012-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.0271	0.0100	mg/L	10	P3I0105	09/01/23 16:22	09/03/23 14:56	EPA 8021B	
Toluene	0.0107	0.0100	mg/L	10	P3I0105	09/01/23 16:22	09/03/23 14:56	EPA 8021B	
Ethylbenzene	2.11	0.0100	mg/L	10	P3I0105	09/01/23 16:22	09/03/23 14:56	EPA 8021B	
Xylene (p/m)	0.730	0.0200	mg/L	10	P3I0105	09/01/23 16:22	09/03/23 14:56	EPA 8021B	
Xylene (o)	0.352	0.0100	mg/L	10	P3I0105	09/01/23 16:22	09/03/23 14:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	102 %		80-120		P3I0105	09/01/23 16:22	09/03/23 14:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	103 %		80-120		P3I0105	09/01/23 16:22	09/03/23 14:56	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-6
3H31012-02 (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	P3I0105	09/01/23 16:22	09/03/23 15:19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3I0105	09/01/23 16:22	09/03/23 15:19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3I0105	09/01/23 16:22	09/03/23 15:19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3I0105	09/01/23 16:22	09/03/23 15:19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3I0105	09/01/23 16:22	09/03/23 15:19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.0 %		80-120		P3I0105	09/01/23 16:22	09/03/23 15:19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	100 %		80-120		P3I0105	09/01/23 16:22	09/03/23 15:19	EPA 8021B	

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-26
3H31012-03 (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	P3I0105	09/01/23 16:22	09/03/23 15:41	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3I0105	09/01/23 16:22	09/03/23 15:41	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3I0105	09/01/23 16:22	09/03/23 15:41	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3I0105	09/01/23 16:22	09/03/23 15:41	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3I0105	09/01/23 16:22	09/03/23 15:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.6 %		80-120		P3I0105	09/01/23 16:22	09/03/23 15:41	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.4 %		80-120		P3I0105	09/01/23 16:22	09/03/23 15:41	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3I0105 - *** DEFAULT PREP ***

Blank (P3I0105-BLK1)		Prepared: 09/01/23 Analyzed: 09/03/23								
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	0.118		"	0.120		98.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.1	80-120			

LCS (P3I0105-BS1)		Prepared: 09/01/23 Analyzed: 09/03/23								
Benzene	0.0914	0.00100	mg/L	0.100		91.4	80-120			
Toluene	0.0945	0.00100	"	0.100		94.5	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.0951	0.00100	"	0.100		95.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.1	80-120			

LCS Dup (P3I0105-BS1)		Prepared: 09/01/23 Analyzed: 09/03/23								
Benzene	0.0915	0.00100	mg/L	0.100		91.5	80-120	0.153	20	
Toluene	0.0925	0.00100	"	0.100		92.5	80-120	2.18	20	
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120	1.40	20	
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120	1.85	20	
Xylene (o)	0.0936	0.00100	"	0.100		93.6	80-120	1.54	20	
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.7	80-120			

Calibration Blank (P3I0105-CCB1)		Prepared: 09/01/23 Analyzed: 09/03/23								
Benzene	0.0900		ug/l							
Toluene	0.110		"							
Ethylbenzene	0.170		"							
Xylene (p/m)	0.190		"							
Xylene (o)	0.150		"							
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.0912		"	0.120		76.0	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.

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3I0105 - *** DEFAULT PREP ***

Calibration Blank (P3I0105-CCB2)				Prepared: 09/01/23 Analyzed: 09/03/23						
Benzene	0.220		ug/l							
Toluene	0.170		"							
Ethylbenzene	0.260		"							
Xylene (p/m)	0.260		"							
Xylene (o)	0.250		"							
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.2	80-120			
Calibration Check (P3I0105-CCV1)				Prepared: 09/01/23 Analyzed: 09/03/23						
Benzene	0.0951	0.00100	mg/L	0.100		95.1	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.0985	0.00100	"	0.100		98.5	80-120			
Xylene (p/m)	0.230	0.00200	"	0.200		115	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			
Calibration Check (P3I0105-CCV2)				Prepared: 09/01/23 Analyzed: 09/03/23						
Benzene	0.0957	0.00100	mg/L	0.100		95.7	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.226	0.00200	"	0.200		113	80-120			
Xylene (o)	0.0998	0.00100	"	0.100		99.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.0	80-120			
Calibration Check (P3I0105-CCV3)				Prepared: 09/01/23 Analyzed: 09/03/23						
Benzene	0.0922	0.00100	mg/L	0.100		92.2	80-120			
Toluene	0.0973	0.00100	"	0.100		97.3	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.219	0.00200	"	0.200		110	80-120			
Xylene (o)	0.0985	0.00100	"	0.100		98.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	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	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3I0105 - *** DEFAULT PREP ***

Matrix Spike (P3I0105-MS1)		Source: 3H25001-01		Prepared: 09/01/23		Analyzed: 09/03/23				
Benzene	0.0925	0.00100	mg/L	0.100	ND	92.5	80-120			
Toluene	0.0933	0.00100	"	0.100	ND	93.3	80-120			
Ethylbenzene	0.104	0.00100	"	0.100	ND	104	80-120			
Xylene (p/m)	0.206	0.00200	"	0.200	ND	103	80-120			
Xylene (o)	0.0899	0.00100	"	0.100	ND	89.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.6	80-120			
Matrix Spike Dup (P3I0105-MSD1)		Source: 3H25001-01		Prepared: 09/01/23		Analyzed: 09/03/23				
Benzene	0.0879	0.00100	mg/L	0.100	ND	87.9	80-120	5.15	20	
Toluene	0.0899	0.00100	"	0.100	ND	89.9	80-120	3.70	20	
Ethylbenzene	0.102	0.00100	"	0.100	ND	102	80-120	1.83	20	
Xylene (p/m)	0.202	0.00200	"	0.200	ND	101	80-120	1.81	20	
Xylene (o)	0.0888	0.00100	"	0.100	ND	88.8	80-120	1.21	20	
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.7	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

Notes and Definitions

ROI Received on Ice

pH1 The Regulatory Holding time for pH is 15 minutes, 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:

9/11/2023

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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

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



Released to Imaging: 8/19/2024 2:57:14 PM

**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_MNA
Project Number: TNM SPS-11 MNA
Location: Lea County, New Mexico
Lab Order Number: 3K02001



Current Certification

Report Date: 12/04/23

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW- 35	3K02001-01	Water	11/01/23 08:31	11-02-2023 08:35
MW- 14	3K02001-02	Water	11/01/23 09:33	11-02-2023 08:35
MW- 32	3K02001-03	Water	11/01/23 10:45	11-02-2023 08:35
MW- 9	3K02001-04	Water	11/01/23 11:52	11-02-2023 08:35
MW- 4	3K02001-05	Water	11/01/23 13:38	11-02-2023 08:35
MW- 11	3K02001-06	Water	11/01/23 15:12	11-02-2023 08:35

TOC, RSK175, Iron, Manganese and LL PAH analysis were subcontracted to ALS Houston. Their report is attached after the Chain of Custody. Their TCEQ TNI certification number can be found here:

https://www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/labs/als_svcs_houston.pdf

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 35
3K02001-01 (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	P3K0204	11/02/23 11:13	11/02/23 16:28	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 16:28	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 16:28	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 16:28	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 16:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	80.2 %		80-120		P3K0204	11/02/23 11:13	11/02/23 16:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.5 %		80-120		P3K0204	11/02/23 11:13	11/02/23 16:28	EPA 8021B	
Ethane	0.00220	0.00100	mg/L	1	P3K1905	11/07/23 13:25	11/07/23 13:25	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P3K1905	11/07/23 13:25	11/07/23 13:25	8015M	SUB-13
Methane	0.0149	0.00500	mg/L	1	P3K1905	11/07/23 13:25	11/07/23 13:25	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	25.0	2.00	mg/L	1	P3K1409	11/14/23 11:05	11/17/23 08:47	8000	
Nitrate as N	ND	0.200	mg/L	1	P3K0209	11/02/23 14:44	11/02/23 21:01	EPA 300.0	
Sulfate	55.8	10.0	mg/L	10	P3K0209	11/02/23 14:44	11/02/23 17:56	EPA 300.0	
Total Organic Carbon	6.14	1.00	mg/L	1	P3K1905	11/10/23 17:15	12/04/23 07:20	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.372	0.0100	mg/L	1	P3K1905	11/08/23 09:00	12/04/23 07:48	EPA 6020A	SUB-13
Manganese	0.0590	0.000570	mg/L	1	P3K1905	11/08/23 09:00	12/04/23 07:48	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 14
3K02001-02 (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	P3K0204	11/02/23 11:13	11/02/23 16:51	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 16:51	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 16:51	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 16:51	EPA 8021B	
Xylene (o)	0.00120	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 16:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	82.2 %		80-120		P3K0204	11/02/23 11:13	11/02/23 16:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.8 %		80-120		P3K0204	11/02/23 11:13	11/02/23 16:51	EPA 8021B	
Ethane	0.00214	0.00100	mg/L	1	P3K1905	11/07/23 13:03	11/07/23 13:03	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P3K1905	11/07/23 13:03	11/07/23 13:03	8015M	SUB-13
Methane	0.395	0.0100	mg/L	1	P3K1905	11/07/23 13:03	11/07/23 14:33	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	ND	20.0	mg/L	1	P3K1409	11/14/23 11:05	11/17/23 08:47	8000	
Nitrate as N	ND	0.200	mg/L	1	P3K0209	11/02/23 14:44	11/02/23 22:02	EPA 300.0	
Sulfate	11.8	10.0	mg/L	10	P3K0209	11/02/23 14:44	11/02/23 18:58	EPA 300.0	
Total Organic Carbon	53.6	2.00	mg/L	1	P3K1905	11/10/23 19:37	12/04/23 07:20	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	3.29	0.0100	mg/L	1	P3K1905	11/08/23 09:00	12/04/23 07:48	EPA 6020A	SUB-13
Manganese	0.339	0.000570	mg/L	1	P3K1905	11/08/23 09:00	12/04/23 07:48	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 32
3K02001-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.00356	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 17:14	EPA 8021B	
Toluene	0.00356	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 17:14	EPA 8021B	
Ethylbenzene	0.0183	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 17:14	EPA 8021B	
Xylene (p/m)	0.0196	0.00200	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 17:14	EPA 8021B	
Xylene (o)	0.00790	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 17:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	81.3 %	80-120			P3K0204	11/02/23 11:13	11/02/23 17:14	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.4 %	80-120			P3K0204	11/02/23 11:13	11/02/23 17:14	EPA 8021B	
Ethane	0.00143	0.00100	mg/L	1	P3K1905	11/07/23 12:52	11/07/23 12:52	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P3K1905	11/07/23 12:52	11/07/23 12:52	8015M	SUB-13
Methane	0.00192	0.000500	mg/L	1	P3K1905	11/07/23 12:52	11/07/23 12:52	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	7.00	2.00	mg/L	1	P3K1409	11/14/23 11:05	11/17/23 08:47	8000	
Nitrate as N	1.02	0.200	mg/L	1	P3K0209	11/02/23 14:44	11/02/23 22:23	EPA 300.0	
Sulfate	42.5	10.0	mg/L	10	P3K0209	11/02/23 14:44	11/02/23 19:18	EPA 300.0	
Total Organic Carbon	1.08	1.00	mg/L	1	P3K1905	11/10/23 17:43	12/04/23 07:20	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.0100	mg/L	1	P3K1905	11/08/23 09:00	12/04/23 07:48	EPA 6020A	SUB-13
Manganese	0.0155	0.000570	mg/L	1	P3K1905	11/08/23 09:00	12/04/23 07:48	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 9
3K02001-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.0857	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 17:38	EPA 8021B	
Toluene	0.00104	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 17:38	EPA 8021B	
Ethylbenzene	0.00166	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 17:38	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 17:38	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 17:38	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	81.6 %	80-120			P3K0204	11/02/23 11:13	11/02/23 17:38	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.1 %	80-120			P3K0204	11/02/23 11:13	11/02/23 17:38	EPA 8021B	
Ethane	ND	0.00100	mg/L	1	P3K1905	11/07/23 13:55	11/07/23 13:55	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P3K1905	11/07/23 13:55	11/07/23 13:55	8015M	SUB-13
Methane	0.990	0.0250	mg/L	1	P3K1905	11/07/23 13:55	11/07/23 14:44	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	ND	20.0	mg/L	1	P3K1409	11/14/23 11:05	11/17/23 08:47	8000	
Nitrate as N	ND	0.200	mg/L	1	P3K0209	11/02/23 14:44	11/02/23 22:43	EPA 300.0	
Sulfate	3.22	1.00	mg/L	1	P3K0209	11/02/23 14:44	11/02/23 22:43	EPA 300.0	
Total Organic Carbon	56.4	2.00	mg/L	1	P3K1905	11/10/23 19:51	12/04/23 07:20	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods									
Iron	11.4	0.0100	mg/L	1	P3K1905	11/08/23 09:00	12/04/23 07:48	EPA 6020A	SUB-13
Manganese	0.613	0.000570	mg/L	1	P3K1905	11/08/23 09:00	12/04/23 07:48	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 4
3K02001-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	5.46	0.0500	mg/L	50	P3K0204	11/02/23 11:13	11/03/23 10:56	EPA 8021B	
Toluene	0.171	0.0500	mg/L	50	P3K0204	11/02/23 11:13	11/03/23 10:56	EPA 8021B	
Ethylbenzene	4.41	0.0500	mg/L	50	P3K0204	11/02/23 11:13	11/03/23 10:56	EPA 8021B	
Xylene (p/m)	2.86	0.100	mg/L	50	P3K0204	11/02/23 11:13	11/03/23 10:56	EPA 8021B	
Xylene (o)	0.352	0.0500	mg/L	50	P3K0204	11/02/23 11:13	11/03/23 10:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	82.0 %			80-120	P3K0204	11/02/23 11:13	11/03/23 10:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.1 %			80-120	P3K0204	11/02/23 11:13	11/03/23 10:56	EPA 8021B	
Ethane	ND	0.00100	mg/L	1	P3K1905	11/07/23 14:07	11/07/23 14:07	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P3K1905	11/07/23 14:07	11/07/23 14:07	8015M	SUB-13
Methane	3.06	0.0500	mg/L	1	P3K1905	11/07/23 14:07	11/07/23 15:45	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	660	20.0	mg/L	1	P3K1409	11/14/23 11:05	11/17/23 08:47	8000	
Nitrate as N	0.285	0.200	mg/L	1	P3K0209	11/02/23 14:44	11/02/23 23:04	EPA 300.0	
Sulfate	43.3	10.0	mg/L	10	P3K0209	11/02/23 14:44	11/02/23 19:59	EPA 300.0	
Total Organic Carbon	1920	10.0	mg/L	1	P3K1905	11/10/23 19:20	12/04/23 07:20	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	1.22	0.0100	mg/L	1	P3K1905	11/08/23 09:00	12/04/23 07:48	EPA 6020A	SUB-13
Manganese	0.0752	0.000570	mg/L	1	P3K1905	11/08/23 09:00	12/04/23 07:48	EPA 6020A	SUB-13

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	3.6	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
2-Methylnaphthalene	2.6	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Acenaphthene	0.065	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Acenaphthylene	0.038	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Anthracene	0.13	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Benzo (a) anthracene	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Benzo (a) pyrene	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Chrysene	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Dibenzofuran	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Fluoranthene	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Fluorene	0.22	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Naphthalene	1.2	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Phenanthrene	0.37	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Pyrene	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

MW- 11
3K02001-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	2.54	0.0200	mg/L	20	P3K0204	11/02/23 11:13	11/02/23 18:25	EPA 8021B	
Toluene	0.0282	0.0200	mg/L	20	P3K0204	11/02/23 11:13	11/02/23 18:25	EPA 8021B	
Ethylbenzene	0.911	0.0200	mg/L	20	P3K0204	11/02/23 11:13	11/02/23 18:25	EPA 8021B	
Xylene (p/m)	0.597	0.0400	mg/L	20	P3K0204	11/02/23 11:13	11/02/23 18:25	EPA 8021B	
Xylene (o)	0.0300	0.0200	mg/L	20	P3K0204	11/02/23 11:13	11/02/23 18:25	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	81.0 %			80-120	P3K0204	11/02/23 11:13	11/02/23 18:25	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	90.3 %			80-120	P3K0204	11/02/23 11:13	11/02/23 18:25	EPA 8021B	
Ethane	ND	0.00100	mg/L	1	P3K1905	11/07/23 14:24	11/07/23 14:24	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P3K1905	11/07/23 14:24	11/07/23 14:24	8015M	SUB-13
Methane	2.25	0.0500	mg/L	1	P3K1905	11/07/23 14:24	11/07/23 15:57	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	860	20.0	mg/L	1	P3K1409	11/14/23 11:05	11/17/23 08:47	8000	
Nitrate as N	ND	0.200	mg/L	1	P3K0209	11/02/23 14:44	11/02/23 23:24	EPA 300.0	
Sulfate	11.6	10.0	mg/L	10	P3K0209	11/02/23 14:44	11/02/23 20:20	EPA 300.0	
Total Organic Carbon	13.7	10.0	mg/L	1	P3K1905	11/10/23 19:33	12/04/23 07:20	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	2.24	0.0100	mg/L	1	P3K1905	11/08/23 09:00	12/04/23 07:48	EPA 6020A	SUB-13
Manganese	0.187	0.000570	mg/L	1	P3K1905	11/08/23 09:00	12/04/23 07:48	EPA 6020A	SUB-13

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.48	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
2-Methylnaphthalene	0.30	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Acenaphthene	0.012	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Acenaphthylene	0.0061	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Anthracene	0.016	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Benzo (a) anthracene	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Benzo (a) pyrene	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Chrysene	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Dibenzofuran	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Fluoranthene	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Fluorene	0.036	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Naphthalene	0.18	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Phenanthrene	0.042	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13
Pyrene	ND	0.00011	mg/L	1	P3K1905	11/08/23 13:00	12/04/23 07:48	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3K0204 - *** DEFAULT PREP ***

Blank (P3K0204-BLK1)			Prepared & Analyzed: 11/02/23							
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	0.101		"	0.120		84.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.2	80-120			

LCS (P3K0204-BS1)			Prepared & Analyzed: 11/02/23							
Benzene	0.0949	0.00100	mg/L	0.100		94.9	80-120			
Toluene	0.0898	0.00100	"	0.100		89.8	80-120			
Ethylbenzene	0.0916	0.00100	"	0.100		91.6	80-120			
Xylene (p/m)	0.182	0.00200	"	0.200		91.0	80-120			
Xylene (o)	0.0804	0.00100	"	0.100		80.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.103		"	0.120		85.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.9	80-120			

LCS Dup (P3K0204-BSD1)			Prepared & Analyzed: 11/02/23							
Benzene	0.0968	0.00100	mg/L	0.100		96.8	80-120	2.03	20	
Toluene	0.0917	0.00100	"	0.100		91.7	80-120	2.07	20	
Ethylbenzene	0.0938	0.00100	"	0.100		93.8	80-120	2.44	20	
Xylene (p/m)	0.186	0.00200	"	0.200		92.8	80-120	2.02	20	
Xylene (o)	0.0815	0.00100	"	0.100		81.5	80-120	1.37	20	
Surrogate: 4-Bromofluorobenzene	0.0988		"	0.120		82.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.3	80-120			

Calibration Blank (P3K0204-CCB1)			Prepared & Analyzed: 11/02/23							
Benzene	0.270		ug/l							
Toluene	0.200		"							
Ethylbenzene	0.130		"							
Xylene (p/m)	0.280		"							
Xylene (o)	0.0700		"							
Surrogate: 4-Bromofluorobenzene	0.101		"	0.120		84.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.2	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.

TRC Solutions- Midland, Texas	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3K0204 - *** DEFAULT PREP ***

Calibration Blank (P3K0204-CCB2)				Prepared & Analyzed: 11/02/23						
Benzene	0.220		ug/l							
Toluene	0.310		"							
Ethylbenzene	0.390		"							
Xylene (p/m)	0.300		"							
Xylene (o)	0.370		"							
Surrogate: 4-Bromofluorobenzene	0.0977		"	0.120		81.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.9	80-120			

Calibration Blank (P3K0204-CCB3)				Prepared: 11/02/23 Analyzed: 11/03/23						
Benzene	0.150		ug/l							
Toluene	0.0700		"							
Ethylbenzene	0.0800		"							
Xylene (p/m)	0.180		"							
Xylene (o)	0.0300		"							
Surrogate: 4-Bromofluorobenzene	0.0975		"	0.120		81.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.6	80-120			

Calibration Check (P3K0204-CCV1)				Prepared & Analyzed: 11/02/23						
Benzene	0.100	0.00100	mg/L	0.100		100	80-120			
Toluene	0.0951	0.00100	"	0.100		95.1	80-120			
Ethylbenzene	0.0912	0.00100	"	0.100		91.2	80-120			
Xylene (p/m)	0.190	0.00200	"	0.200		95.1	80-120			
Xylene (o)	0.0849	0.00100	"	0.100		84.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.102		"	0.120		84.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.7	80-120			

Calibration Check (P3K0204-CCV2)				Prepared & Analyzed: 11/02/23						
Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.0929	0.00100	"	0.100		92.9	80-120			
Ethylbenzene	0.0831	0.00100	"	0.100		83.1	80-120			
Xylene (p/m)	0.173	0.00200	"	0.200		86.4	80-120			
Xylene (o)	0.0805	0.00100	"	0.100		80.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.0966		"	0.120		80.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.2	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	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3K0204 - *** DEFAULT PREP ***

Calibration Check (P3K0204-CCV3)				Prepared: 11/02/23 Analyzed: 11/03/23						
Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.0927	0.00100	"	0.100		92.7	80-120			
Ethylbenzene	0.0848	0.00100	"	0.100		84.8	80-120			
Xylene (p/m)	0.177	0.00200	"	0.200		88.4	80-120			
Xylene (o)	0.0803	0.00100	"	0.100		80.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.0991		"	0.120		82.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.4	80-120			

Matrix Spike (P3K0204-MS1)				Source: 3K02001-01		Prepared & Analyzed: 11/02/23				
Benzene	0.0895	0.00100	mg/L	0.100	ND	89.5	80-120			
Toluene	0.0804	0.00100	"	0.100	ND	80.4	80-120			
Ethylbenzene	0.0783	0.00100	"	0.100	ND	78.3	80-120			QM-05
Xylene (p/m)	0.154	0.00200	"	0.200	ND	77.2	80-120			QM-05
Xylene (o)	0.0675	0.00100	"	0.100	ND	67.5	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.0972		"	0.120		81.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.4	80-120			

Matrix Spike Dup (P3K0204-MSD1)				Source: 3K02001-01		Prepared & Analyzed: 11/02/23				
Benzene	0.0842	0.00100	mg/L	0.100	ND	84.2	80-120	6.11	20	
Toluene	0.0756	0.00100	"	0.100	ND	75.6	80-120	6.18	20	QM-05
Ethylbenzene	0.0740	0.00100	"	0.100	ND	74.0	80-120	5.59	20	QM-05
Xylene (p/m)	0.146	0.00200	"	0.200	ND	73.1	80-120	5.47	20	QM-05
Xylene (o)	0.0639	0.00100	"	0.100	ND	63.9	80-120	5.47	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.0962		"	0.120		80.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.6	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	Project: SPS-11_MNA
10 Desta Dr STE 150E	Project Number: TNM SPS-11 MNA
Midland TX, 79705	Project Manager: Curt Stanley

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3K0209 - *** DEFAULT PREP ***										
Blank (P3K0209-BLK1)				Prepared & Analyzed: 11/02/23						
Sulfate	ND	1.00	mg/L							
Nitrate as N	ND	0.200	"							
LCS (P3K0209-BS1)				Prepared & Analyzed: 11/02/23						
Nitrate as N	10.4		mg/L	10.0		104	90-110			
Sulfate	9.91		"	10.0		99.1	90-110			
LCS Dup (P3K0209-BSD1)				Prepared & Analyzed: 11/02/23						
Nitrate as N	10.4		mg/L	10.0		104	90-110	0.116	10	
Sulfate	9.92		"	10.0		99.2	90-110	0.182	10	
Calibration Check (P3K0209-CCV1)				Prepared & Analyzed: 11/02/23						
Sulfate	10.1		mg/L	10.0		101	90-110			
Nitrate as N	10.3		"	10.0		103	90-110			
Matrix Spike (P3K0209-MS1)		Source: 3K02001-01		Prepared & Analyzed: 11/02/23						
Sulfate	16.1		mg/L	10.0	5.58	105	80-120			
Matrix Spike (P3K0209-MS2)		Source: 3K02001-01		Prepared & Analyzed: 11/02/23						
Nitrate as N	10.4		mg/L	10.0	0.195	102	80-120			
Matrix Spike Dup (P3K0209-MSD1)		Source: 3K02001-01		Prepared & Analyzed: 11/02/23						
Sulfate	16.0		mg/L	10.0	5.58	105	80-120	0.143	20	
Matrix Spike Dup (P3K0209-MSD2)		Source: 3K02001-01		Prepared & Analyzed: 11/02/23						
Nitrate as N	10.4		mg/L	10.0	0.195	102	80-120	0.106	20	

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_MNA
Project Number: TNM SPS-11 MNA
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 P3K1409 - *** DEFAULT PREP ***										
Blank (P3K1409-BLK1)				Prepared: 11/14/23 Analyzed: 11/17/23						
Chemical Oxygen Demand	ND	2.00	mg/L							
LCS (P3K1409-BS1)				Prepared: 11/14/23 Analyzed: 11/17/23						
Chemical Oxygen Demand	113	2.00	mg/L	100		113	80-120			
LCS Dup (P3K1409-BSD1)				Prepared: 11/14/23 Analyzed: 11/17/23						
Chemical Oxygen Demand	118	2.00	mg/L	100		118	80-120	4.33	20	
Duplicate (P3K1409-DUP1)				Source: 3K02001-01		Prepared: 11/14/23 Analyzed: 11/17/23				
Chemical Oxygen Demand	29.0	2.00	mg/L		25.0			14.8	20	
Duplicate (P3K1409-DUP2)				Source: 3K14010-02		Prepared: 11/14/23 Analyzed: 11/17/23				
Chemical Oxygen Demand	10.0	2.00	mg/L		14.0			33.3	20	R3
Matrix Spike (P3K1409-MS1)				Source: 3K02001-01		Prepared: 11/14/23 Analyzed: 11/17/23				
Chemical Oxygen Demand	139	2.00	mg/L	100	25.0	114	80-120			
Matrix Spike (P3K1409-MS2)				Source: 3K14010-02		Prepared: 11/14/23 Analyzed: 11/17/23				
Chemical Oxygen Demand	110	2.00	mg/L	100	14.0	96.0	80-120			
Matrix Spike Dup (P3K1409-MSD1)				Source: 3K02001-01		Prepared: 11/14/23 Analyzed: 11/17/23				
Chemical Oxygen Demand	139	2.00	mg/L	100	25.0	114	80-120	0.00	20	
Matrix Spike Dup (P3K1409-MSD2)				Source: 3K14010-02		Prepared: 11/14/23 Analyzed: 11/17/23				
Chemical Oxygen Demand	140	2.00	mg/L	100	14.0	126	80-120	24.0	20	QM-05

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

Notes and Definitions

SUB-13 Subcontract of analyte/analysis to ALS Houston.

ROI Received on Ice

R3 The RPD exceeded the acceptance limit due to sample matrix effects.

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

pH1 The Regulatory Holding time for pH is 15 minutes, 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:

12/4/2023

Brent Barron, Laboratory Director/Technical Director

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

Project: SPS-11_MNA
Project Number: TNM SPS-11 MNA
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.

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

PB&L LAB**CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST**

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

Phone: 432-686-7235

Page 1 of 1

Project Manager: Curt Stanley

Project Name: SPS-11

Company Name: TRC Environmental Corporation

Project #: SRS: TNM SPS-11

Company Address: 10 Desla Drive, Ste 130E

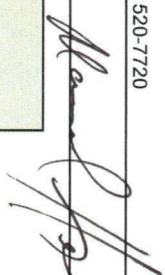
Project Loc: Lea County, NM

City/State/Zip: Midland TX 79705

PO #:

Telephone No: (432) 520-7720

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature: 

e-mail:

cdstanley@trccompanies.com

clbryant@paalp.com

khudgens@paalp.com

mgreen@trccompanies.com

(lab use only)

ORDER #: 3102001

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃ (Field Filtered - 250 ml)	HCl (40 ml VOA)	H ₂ SO ₄ (250 ml)	NaOH	Na ₂ S ₂ O ₃	None (40 ml Amber VOA)	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Matrix	TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate by E300	COD by SM 5310	Total BTEX by 8260	PAH by 8270	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-35			11-1-23	0831		9	X	1	6	2						GW	X	X	X	X	X	X	X	X	X
2	MW-14				0933		9	X	1	6	2						GW	X	X	X	X	X	X	X	X	X
3	MW-32				1045		9	X	1	6	2						GW	X	X	X	X	X	X	X	X	X
4	MW-9				1152		9	X	1	6	2						GW	X	X	X	X	X	X	X	X	X
5	MW-4				1338		12	X	1	6	2			3			GW	X	X	X	X	X	X	X	X	X
6	MW-11				1512		12	X	1	6	2			3			GW	X	X	X	X	X	X	X	X	X

Special Instructions:

BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by: 	11-2-23	0835	Received by: 		
Relinquished by:			Received by: 		
Relinquished by:			Received by: 		

Laboratory Comments:

Sample Containers Intact? ☒ N
 VOCs Free of Headspace? ☒ N
 Labels on container(s) ☒ N
 Custody seals on container(s) ☒ N
 Sample Hand Delivered by Sampler/Client Rep. ? ☒ N
 by Courier? ☒ N
 Temperature Upon Receipt: ☒ N
 Adjusted: ☒ N
 °C Factor ☒ N

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Brent BarronProject Name: SUBCONTRACTCompany Name: PBEL

Project #: _____

Company Address: 1400 Rankin HWY

Project Loc: _____

City/State/Zip: Midland Texas 79701

PO #: _____

Telephone No: 432-661-4184

Fax No: _____

Report Format: ☒ Standard☐ TRRP☐ NPDESSampler Signature: N/Ae-mail: brentbarron@pbelab.com

ORDER #:		Analyze For:														24 HOUR RUSH	STANDARD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers							Matrix																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
								ICE	HNO ₃ 250 poly 1	HCl 3 40mL VOA	H ₂ SO ₄ 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	Na ₂ S ₂ O ₃	VOA AMBER UNPRESERVED	NONE			DW=Drinking Water SL=Sedige GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Mn, Fe Dissolved ICP-MS 6020A	RSK SOP-175	TOC-415.1	8270C PAH LL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	3K02001-01			11/1/2023	8:31	Y	5	X	X	X	X					W	X	X	X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</

SPECIAL INSTRUCTIONS:

Relinquished by: Brent Barron	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?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		
Temperature Upon Receipt:		
Received: °C		
Adjusted: °C Factor		



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

November 13, 2023

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

Work Order: **HS23110289**

Laboratory Results for: **3K02001**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Nov 03, 2023 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,

Generated By: DAYNA.FISHER

Anna Kinchen
Project Manager

ALS Houston, US

Date: 13-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K02001
Work Order: HS23110289

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23110289-01	3K02001-01	Water		01-Nov-2023 08:31	03-Nov-2023 09:40	☐
HS23110289-02	3K02001-02	Water		01-Nov-2023 09:33	03-Nov-2023 09:40	☐
HS23110289-03	3K02001-03	Water		01-Nov-2023 10:45	03-Nov-2023 09:40	☐
HS23110289-04	3K02001-04	Water		01-Nov-2023 11:52	03-Nov-2023 09:40	☐
HS23110289-05	3K02001-05	Water		01-Nov-2023 13:38	03-Nov-2023 09:40	☐
HS23110289-06	3K02001-06	Water		01-Nov-2023 15:12	03-Nov-2023 09:40	☐

ALS Houston, US

Date: 13-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K02001
Work Order: HS23110289

CASE NARRATIVE

GC Semivolatiles by Method RSK-175**Batch ID: R451269**

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

GCMS Semivolatiles by Method SW8270**Batch ID: 203198****Sample ID: 3K02001-05 (HS23110289-05)**

- The GCMS semi-volatile extract of this sample was run at a dilution due to a high level of matrix interference.
- The surrogate recoveries could not be determined due to dilution below the calibration range.

Sample ID: 3K02001-06 (HS23110289-06)

- The GCMS semi-volatile extract of this sample was run at a dilution due to a high level of matrix interference.
- The surrogate recoveries could not be determined due to dilution below the calibration range.

Sample ID: LCSD-203198

- LCSD RPD was above the upper control limit. The individual recoveries were in control. (Benzo(a)pyrene)

Metals by Method SW6020A**Batch ID: 203179****Sample ID: 3K02001-04 (HS23110289-04MSD)**

- The MS and/or MSD recovery was outside of the control limits; however, the result in the parent sample is greater than 4x the spike amount. (Manganese)

Sample ID: 3K02001-04 (HS23110289-04PDS)

- The PDS recovery was outside method control limits, however the result in the parent sample is greater than 4x the spike amount. (Manganese)

WetChemistry by Method E415.1**Batch ID: R451552****Sample ID: 3K02001-05 (HS23110289-05)**

- The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes.

Batch ID: R451548,R451624

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

ALS Houston, US

Date: 13-Nov-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3K02001	WorkOrder:HS23110289
Sample ID:	3K02001-01	Lab ID:HS23110289-01
Collection Date:	01-Nov-2023 08:31	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	2.20		1.00	ug/L	1	07-Nov-2023 13:25
Ethene	ND		1.00	ug/L	1	07-Nov-2023 13:25
Methane	14.9		0.500	ug/L	1	07-Nov-2023 13:25
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 08-Nov-2023 Analyst: MSC		
Iron	0.372		0.200	mg/L	1	09-Nov-2023 19:43
Manganese	0.0590		0.00500	mg/L	1	09-Nov-2023 19:43
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	6.14		1.00	mg/L	1	10-Nov-2023 17:15

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

ALS Houston, US

Date: 13-Nov-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3K02001	WorkOrder:HS23110289
Sample ID:	3K02001-02	Lab ID:HS23110289-02
Collection Date:	01-Nov-2023 09:33	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	2.14		1.00	ug/L	1	07-Nov-2023 13:03
Ethene	ND		1.00	ug/L	1	07-Nov-2023 13:03
Methane	395		10.0	ug/L	20	07-Nov-2023 14:33
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 08-Nov-2023 Analyst: MSC		
Iron	3.29		0.200	mg/L	1	09-Nov-2023 19:45
Manganese	0.339		0.00500	mg/L	1	09-Nov-2023 19:45
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	53.6		2.00	mg/L	2	11-Nov-2023 19:37

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

ALS Houston, US

Date: 13-Nov-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3K02001	WorkOrder:HS23110289
Sample ID:	3K02001-03	Lab ID:HS23110289-03
Collection Date:	01-Nov-2023 10:45	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	1.43		1.00	ug/L	1	07-Nov-2023 12:52
Ethene	ND		1.00	ug/L	1	07-Nov-2023 12:52
Methane	1.92		0.500	ug/L	1	07-Nov-2023 12:52
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 08-Nov-2023 Analyst: MSC		
Iron	ND		0.200	mg/L	1	09-Nov-2023 19:47
Manganese	0.0155		0.00500	mg/L	1	09-Nov-2023 19:47
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	1.08		1.00	mg/L	1	10-Nov-2023 17:43

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

ALS Houston, US

Date: 13-Nov-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3K02001	WorkOrder:HS23110289
Sample ID:	3K02001-04	Lab ID:HS23110289-04
Collection Date:	01-Nov-2023 11:52	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	ND		1.00	ug/L	1	07-Nov-2023 13:55
Ethene	ND		1.00	ug/L	1	07-Nov-2023 13:55
Methane	990		25.0	ug/L	50	07-Nov-2023 14:44
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 08-Nov-2023 Analyst: MSC		
Iron	11.4		0.200	mg/L	1	09-Nov-2023 19:49
Manganese	0.613		0.00500	mg/L	1	09-Nov-2023 19:49
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	56.4		2.00	mg/L	2	11-Nov-2023 19:51

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

ALS Houston, US

Date: 13-Nov-23

Client: Permian Basin Environmental Lab, LP
 Project: 3K02001
 Sample ID: 3K02001-05
 Collection Date: 01-Nov-2023 13:38

ANALYTICAL REPORT

WorkOrder:HS23110289
 Lab ID:HS23110289-05
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 08-Nov-2023		Analyst: MBG
1-Methylnaphthalene	3,580	n	100	ug/L	1000	10-Nov-2023 12:49
2-Methylnaphthalene	2,630		100	ug/L	1000	10-Nov-2023 12:49
Acenaphthene	65.1		10.0	ug/L	100	09-Nov-2023 16:14
Acenaphthylene	37.7		10.0	ug/L	100	09-Nov-2023 16:14
Anthracene	126		10.0	ug/L	100	09-Nov-2023 16:14
Benz(a)anthracene	ND		10.0	ug/L	100	09-Nov-2023 16:14
Benzo(a)pyrene	ND		10.0	ug/L	100	09-Nov-2023 16:14
Benzo(b)fluoranthene	ND		10.0	ug/L	100	09-Nov-2023 16:14
Benzo(g,h,i)perylene	ND		10.0	ug/L	100	09-Nov-2023 16:14
Benzo(k)fluoranthene	ND		10.0	ug/L	100	09-Nov-2023 16:14
Chrysene	ND		10.0	ug/L	100	09-Nov-2023 16:14
Dibenz(a,h)anthracene	ND		10.0	ug/L	100	09-Nov-2023 16:14
Fluoranthene	ND		10.0	ug/L	100	09-Nov-2023 16:14
Fluorene	219		10.0	ug/L	100	09-Nov-2023 16:14
Indeno(1,2,3-cd)pyrene	ND		10.0	ug/L	100	09-Nov-2023 16:14
Naphthalene	1,210		100	ug/L	1000	10-Nov-2023 12:49
Phenanthrene	372		10.0	ug/L	100	09-Nov-2023 16:14
Pyrene	ND		10.0	ug/L	100	09-Nov-2023 16:14
Surr: 2-Fluorobiphenyl	0	JS	32-130	%REC	100	09-Nov-2023 16:14
Surr: 2-Fluorobiphenyl	0	JS	32-130	%REC	1000	10-Nov-2023 12:49
Surr: 4-Terphenyl-d14	0	JS	40-135	%REC	1000	10-Nov-2023 12:49
Surr: 4-Terphenyl-d14	0	JS	40-135	%REC	100	09-Nov-2023 16:14
Surr: Nitrobenzene-d5	0	JS	45-142	%REC	100	09-Nov-2023 16:14
Surr: Nitrobenzene-d5	0	JS	45-142	%REC	1000	10-Nov-2023 12:49
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	ND		1.00	ug/L	1	07-Nov-2023 14:07
Ethene	ND		1.00	ug/L	1	07-Nov-2023 14:07
Methane	3,060		50.0	ug/L	100	07-Nov-2023 15:45
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 08-Nov-2023		Analyst: MSC
Iron	1.22		0.200	mg/L	1	09-Nov-2023 20:02
Manganese	0.0752		0.00500	mg/L	1	09-Nov-2023 20:02
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	ND		10.0	mg/L	10	10-Nov-2023 19:20

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

ALS Houston, US

Date: 13-Nov-23

Client: Permian Basin Environmental Lab, LP
 Project: 3K02001
 Sample ID: 3K02001-06
 Collection Date: 01-Nov-2023 15:12

ANALYTICAL REPORT

WorkOrder:HS23110289
 Lab ID:HS23110289-06
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 08-Nov-2023		Analyst: MBG
1-Methylnaphthalene	475	n	20.0	ug/L	200	10-Nov-2023 13:09
2-Methylnaphthalene	299		20.0	ug/L	200	10-Nov-2023 13:09
Acenaphthene	12.4		2.00	ug/L	20	09-Nov-2023 16:34
Acenaphthylene	6.08		2.00	ug/L	20	09-Nov-2023 16:34
Anthracene	16.2		2.00	ug/L	20	09-Nov-2023 16:34
Benz(a)anthracene	ND		2.00	ug/L	20	09-Nov-2023 16:34
Benzo(a)pyrene	ND		2.00	ug/L	20	09-Nov-2023 16:34
Benzo(b)fluoranthene	ND		2.00	ug/L	20	09-Nov-2023 16:34
Benzo(g,h,i)perylene	ND		2.00	ug/L	20	09-Nov-2023 16:34
Benzo(k)fluoranthene	ND		2.00	ug/L	20	09-Nov-2023 16:34
Chrysene	ND		2.00	ug/L	20	09-Nov-2023 16:34
Dibenz(a,h)anthracene	ND		2.00	ug/L	20	09-Nov-2023 16:34
Fluoranthene	ND		2.00	ug/L	20	09-Nov-2023 16:34
Fluorene	35.6		2.00	ug/L	20	09-Nov-2023 16:34
Indeno(1,2,3-cd)pyrene	ND		2.00	ug/L	20	09-Nov-2023 16:34
Naphthalene	179		2.00	ug/L	20	09-Nov-2023 16:34
Phenanthrene	41.8		2.00	ug/L	20	09-Nov-2023 16:34
Pyrene	ND		2.00	ug/L	20	09-Nov-2023 16:34
Surr: 2-Fluorobiphenyl	0	JS	32-130	%REC	20	09-Nov-2023 16:34
Surr: 2-Fluorobiphenyl	0	JS	32-130	%REC	200	10-Nov-2023 13:09
Surr: 4-Terphenyl-d14	0	JS	40-135	%REC	200	10-Nov-2023 13:09
Surr: 4-Terphenyl-d14	0	JS	40-135	%REC	20	09-Nov-2023 16:34
Surr: Nitrobenzene-d5	0	JS	45-142	%REC	20	09-Nov-2023 16:34
Surr: Nitrobenzene-d5	0	JS	45-142	%REC	200	10-Nov-2023 13:09
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	ND		1.00	ug/L	1	07-Nov-2023 14:24
Ethene	ND		1.00	ug/L	1	07-Nov-2023 14:24
Methane	2,250		50.0	ug/L	100	07-Nov-2023 15:57
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 08-Nov-2023		Analyst: MSC
Iron	2.24		0.200	mg/L	1	09-Nov-2023 20:03
Manganese	0.187		0.00500	mg/L	1	09-Nov-2023 20:03
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	13.7		10.0	mg/L	10	10-Nov-2023 19:33

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

ALS Houston, US

Date: 13-Nov-23

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 3K02001
WorkOrder: HS23110289

Batch ID: 203179	Start Date: 08 Nov 2023 09:00	End Date: 08 Nov 2023 09:00
Method: DISS METALS PREP - WATER - SW3010A	Prep Code: 3010A DISS	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23110289-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23110289-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23110289-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23110289-04		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23110289-05		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23110289-06		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

Batch ID: 203198	Start Date: 08 Nov 2023 13:00	End Date: 08 Nov 2023 13:00
Method: SW3511	Prep Code: 3511_PAH	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23110289-05		33 (mL)	2 (mL)	0.06061	40 mL Amber
HS23110289-06		33 (mL)	2 (mL)	0.06061	40 mL Amber

ALS Houston, US

Date: 13-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K02001
WorkOrder: HS23110289

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 203179 (0)		Test Name : DISSOLVED METALS BY SW6020A			Matrix: Water	
HS23110289-01	3K02001-01	01 Nov 2023 08:31		08 Nov 2023 09:00	09 Nov 2023 19:43	1
HS23110289-02	3K02001-02	01 Nov 2023 09:33		08 Nov 2023 09:00	09 Nov 2023 19:45	1
HS23110289-03	3K02001-03	01 Nov 2023 10:45		08 Nov 2023 09:00	09 Nov 2023 19:47	1
HS23110289-04	3K02001-04	01 Nov 2023 11:52		08 Nov 2023 09:00	09 Nov 2023 19:49	1
HS23110289-05	3K02001-05	01 Nov 2023 13:38		08 Nov 2023 09:00	09 Nov 2023 20:02	1
HS23110289-06	3K02001-06	01 Nov 2023 15:12		08 Nov 2023 09:00	09 Nov 2023 20:03	1
Batch ID: 203198 (0)		Test Name : LOW-LEVEL PAHS - 8270D			Matrix: Water	
HS23110289-05	3K02001-05	01 Nov 2023 13:38		08 Nov 2023 13:00	10 Nov 2023 12:49	1000
HS23110289-05	3K02001-05	01 Nov 2023 13:38		08 Nov 2023 13:00	09 Nov 2023 16:14	100
HS23110289-06	3K02001-06	01 Nov 2023 15:12		08 Nov 2023 13:00	10 Nov 2023 13:09	200
HS23110289-06	3K02001-06	01 Nov 2023 15:12		08 Nov 2023 13:00	09 Nov 2023 16:34	20
Batch ID: R451269 (0)		Test Name : DISSOLVED GASES BY RSK-175			Matrix: Water	
HS23110289-01	3K02001-01	01 Nov 2023 08:31			07 Nov 2023 13:25	1
HS23110289-02	3K02001-02	01 Nov 2023 09:33			07 Nov 2023 14:33	20
HS23110289-02	3K02001-02	01 Nov 2023 09:33			07 Nov 2023 13:03	1
HS23110289-03	3K02001-03	01 Nov 2023 10:45			07 Nov 2023 12:52	1
HS23110289-04	3K02001-04	01 Nov 2023 11:52			07 Nov 2023 14:44	50
HS23110289-04	3K02001-04	01 Nov 2023 11:52			07 Nov 2023 13:55	1
HS23110289-05	3K02001-05	01 Nov 2023 13:38			07 Nov 2023 15:45	100
HS23110289-05	3K02001-05	01 Nov 2023 13:38			07 Nov 2023 14:07	1
HS23110289-06	3K02001-06	01 Nov 2023 15:12			07 Nov 2023 15:57	100
HS23110289-06	3K02001-06	01 Nov 2023 15:12			07 Nov 2023 14:24	1
Batch ID: R451548 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS23110289-01	3K02001-01	01 Nov 2023 08:31			10 Nov 2023 17:15	1
HS23110289-03	3K02001-03	01 Nov 2023 10:45			10 Nov 2023 17:43	1
Batch ID: R451552 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS23110289-05	3K02001-05	01 Nov 2023 13:38			10 Nov 2023 19:20	10
HS23110289-06	3K02001-06	01 Nov 2023 15:12			10 Nov 2023 19:33	10
Batch ID: R451624 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS23110289-02	3K02001-02	01 Nov 2023 09:33			11 Nov 2023 19:37	2
HS23110289-04	3K02001-04	01 Nov 2023 11:52			11 Nov 2023 19:51	2

ALS Houston, US

Date: 13-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K02001
WorkOrder: HS23110289

QC BATCH REPORT

Batch ID: R451269 (0)		Instrument: FID-4		Method: DISSOLVED GASES BY RSK-175					
MBLK	Sample ID: MBLK-231107	Units: ug/L		Analysis Date: 07-Nov-2023 07:37					
Client ID:	Run ID: FID-4_451269		SeqNo: 7660951		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-231107	Units: ug/L		Analysis Date: 07-Nov-2023 07:45					
Client ID:	Run ID: FID-4_451269		SeqNo: 7660952		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Ethane	15.03	1.00	18.04	0	83.3	75 - 125			
Ethene	13.55	1.00	16.8	0	80.7	75 - 125			
Methane	7.344	0.500	9.647	0	76.1	75 - 125			

LCSD	Sample ID: LCSD-231107	Units: ug/L		Analysis Date: 07-Nov-2023 08:20					
Client ID:	Run ID: FID-4_451269		SeqNo: 7660953		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Ethane	18.62	1.00	18.04	0	103	75 - 125	15.03	21.4	30
Ethene	15.65	1.00	16.8	0	93.1	75 - 125	13.55	14.4	30
Methane	8.104	0.500	9.647	0	84.0	75 - 125	7.344	9.84	30

DUP	Sample ID: HS23110137-13DUP	Units: ug/L		Analysis Date: 07-Nov-2023 11:52					
Client ID:	Run ID: FID-4_451269		SeqNo: 7660974		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Ethane	ND	1.00					0	0	30
Ethene	ND	1.00					0	0	30
Methane	24.13	0.500					24.59	1.87	30

The following samples were analyzed in this batch:

HS23110289-01	HS23110289-02	HS23110289-03	HS23110289-04
HS23110289-05	HS23110289-06		

ALS Houston, US

Date: 13-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K02001
WorkOrder: HS23110289

QC BATCH REPORT

Batch ID: 203179 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
MBLK	Sample ID: MBLK-203179	Units: mg/L		Analysis Date: 09-Nov-2023 19:39					
Client ID:	Run ID: ICPMS06_451362		SeqNo: 7665721		PrepDate: 08-Nov-2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	ND	0.200							
Manganese	ND	0.00500							
LCS	Sample ID: LCS-203179	Units: mg/L		Analysis Date: 09-Nov-2023 19:41					
Client ID:	Run ID: ICPMS06_451362		SeqNo: 7665722		PrepDate: 08-Nov-2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	4.424	0.200	5	0	88.5	80 - 120			
Manganese	0.04526	0.00500	0.05	0	90.5	80 - 120			
MS	Sample ID: HS23110289-04MS	Units: mg/L		Analysis Date: 09-Nov-2023 19:52					
Client ID: 3K02001-04	Run ID: ICPMS06_451362		SeqNo: 7665728		PrepDate: 08-Nov-2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	16.65	0.200	5	11.42	105	75 - 125			
Manganese	0.6594	0.00500	0.05	0.613	92.8	75 - 125			O
MSD	Sample ID: HS23110289-04MSD	Units: mg/L		Analysis Date: 09-Nov-2023 19:54					
Client ID: 3K02001-04	Run ID: ICPMS06_451362		SeqNo: 7665729		PrepDate: 08-Nov-2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	15.54	0.200	5	11.42	82.4	75 - 125	16.65	6.9	20
Manganese	0.6362	0.00500	0.05	0.613	46.3	75 - 125	0.6594	3.59	20 SO
PDS	Sample ID: HS23110289-04PDS	Units: mg/L		Analysis Date: 09-Nov-2023 19:56					
Client ID: 3K02001-04	Run ID: ICPMS06_451362		SeqNo: 7665730		PrepDate: 08-Nov-2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	20.91	0.200	10	11.42	94.9	75 - 125			
Manganese	0.6733	0.00500	0.1	0.613	60.3	75 - 125			SO

ALS Houston, US

Date: 13-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K02001
WorkOrder: HS23110289

QC BATCH REPORT

Batch ID: 203179 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
SD	Sample ID: HS23110289-04SD		Units: mg/L		Analysis Date: 09-Nov-2023 19:50				
Client ID: 3K02001-04	Run ID: ICPMS06_451362		SeqNo: 7665727		PrepDate: 08-Nov-2023		DF: 5		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	Limit Qual
Iron	11.81	1.00					11.42	3.43	10
Manganese	0.6378	0.0250					0.613	4.04	10
The following samples were analyzed in this batch:									
		HS23110289-01	HS23110289-02	HS23110289-03		HS23110289-04			
		HS23110289-05	HS23110289-06						

ALS Houston, US

Date: 13-Nov-23

Client:

Permian Basin Environmental Lab, LP

Project:

3K02001

WorkOrder:

HS23110289

QC BATCH REPORT

Batch ID: 203198 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D					
MBLK	Sample ID: MBLK-203198	Units: ug/L		Analysis Date: 09-Nov-2023 14:00					
Client ID:	Run ID: SV-6_451506		SeqNo: 7666734		PrepDate: 08-Nov-2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %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							
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	3.02	0.100	3.03	0	99.7	32 - 130			
Surr: 4-Terphenyl-d14	3.191	0.100	3.03	0	105	40 - 135			
Surr: Nitrobenzene-d5	2.36	0.100	3.03	0	77.9	45 - 142			

ALS Houston, US

Date: 13-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K02001
WorkOrder: HS23110289

QC BATCH REPORT

Batch ID: 203198 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D					
LCS		Sample ID: LCS-203198		Units: ug/L		Analysis Date: 09-Nov-2023 14:20			
Client ID:		Run ID: SV-6_451506		SeqNo: 7666735		PrepDate: 08-Nov-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	4.188	0.100	3.03	0	138	40 - 140			
2-Methylnaphthalene	2.614	0.100	3.03	0	86.3	40 - 140			
Acenaphthene	2.977	0.100	3.03	0	98.2	40 - 140			
Acenaphthylene	2.946	0.100	3.03	0	97.2	40 - 140			
Anthracene	3.521	0.100	3.03	0	116	40 - 140			
Benz(a)anthracene	2.964	0.100	3.03	0	97.8	40 - 140			
Benzo(a)pyrene	2.425	0.100	3.03	0	80.0	40 - 140			
Benzo(b)fluoranthene	2.009	0.100	3.03	0	66.3	40 - 140			
Benzo(g,h,i)perylene	3.098	0.100	3.03	0	102	40 - 140			
Benzo(k)fluoranthene	2.064	0.100	3.03	0	68.1	40 - 140			
Chrysene	3.849	0.100	3.03	0	127	40 - 140			
Dibenz(a,h)anthracene	2.486	0.100	3.03	0	82.0	40 - 140			
Fluoranthene	3.967	0.100	3.03	0	131	40 - 140			
Fluorene	2.813	0.100	3.03	0	92.9	40 - 140			
Indeno(1,2,3-cd)pyrene	2.781	0.100	3.03	0	91.8	40 - 140			
Naphthalene	3.158	0.100	3.03	0	104	40 - 140			
Phenanthrene	2.068	0.100	3.03	0	68.2	40 - 140			
Pyrene	2.9	0.100	3.03	0	95.7	40 - 140			
Surr: 2-Fluorobiphenyl	2.696	0.100	3.03	0	89.0	32 - 130			
Surr: 4-Terphenyl-d14	2.971	0.100	3.03	0	98.0	40 - 135			
Surr: Nitrobenzene-d5	3.318	0.100	3.03	0	110	45 - 142			

ALS Houston, US

Date: 13-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K02001
WorkOrder: HS23110289

QC BATCH REPORT

Batch ID: 203198 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCSD		Sample ID: LCSD-203198		Units: ug/L		Analysis Date: 09-Nov-2023 14:40				
Client ID:		Run ID: SV-6_451506		SeqNo: 7666736		PrepDate: 08-Nov-2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.982	0.100	3.03	0	131	40 - 140	4.188	5.06	25	
2-Methylnaphthalene	2.902	0.100	3.03	0	95.8	40 - 140	2.614	10.5	25	
Acenaphthene	3.127	0.100	3.03	0	103	40 - 140	2.977	4.92	25	
Acenaphthylene	3.135	0.100	3.03	0	103	40 - 140	2.946	6.24	25	
Anthracene	3.801	0.100	3.03	0	125	40 - 140	3.521	7.63	25	
Benz(a)anthracene	3.194	0.100	3.03	0	105	40 - 140	2.964	7.45	25	
Benzo(a)pyrene	3.841	0.100	3.03	0	127	40 - 140	2.425	45.2	25	R
Benzo(b)fluoranthene	2.475	0.100	3.03	0	81.7	40 - 140	2.009	20.8	25	
Benzo(g,h,i)perylene	3.862	0.100	3.03	0	127	40 - 140	3.098	21.9	25	
Benzo(k)fluoranthene	3.48	0.100	3.03	0	115	40 - 140	2.064	51.1	25	R
Chrysene	3.872	0.100	3.03	0	128	40 - 140	3.849	0.597	25	
Dibenz(a,h)anthracene	3.902	0.100	3.03	0	129	40 - 140	2.486	44.3	25	R
Fluoranthene	4.196	0.100	3.03	0	138	40 - 140	3.967	5.6	25	
Fluorene	3.157	0.100	3.03	0	104	40 - 140	2.813	11.5	25	
Indeno(1,2,3-cd)pyrene	3.35	0.100	3.03	0	111	40 - 140	2.781	18.6	25	
Naphthalene	3.084	0.100	3.03	0	102	40 - 140	3.158	2.38	25	
Phenanthrene	2.449	0.100	3.03	0	80.8	40 - 140	2.068	16.9	25	
Pyrene	2.995	0.100	3.03	0	98.8	40 - 140	2.9	3.22	25	
Surr: 2-Fluorobiphenyl	2.774	0.100	3.03	0	91.6	32 - 130	2.696	2.88	25	
Surr: 4-Terphenyl-d14	3.576	0.100	3.03	0	118	40 - 135	2.971	18.5	25	
Surr: Nitrobenzene-d5	3.454	0.100	3.03	0	114	45 - 142	3.318	4.01	25	
The following samples were analyzed in this batch:										
		HS23110289-05		HS23110289-06						

ALS Houston, US

Date: 13-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K02001
WorkOrder: HS23110289

QC BATCH REPORT

Batch ID: R451548 (0)		Instrument: TOC_05		Method: TOTAL ORGANIC CARBON BY E415.1					
MBLK	Sample ID: MBLK-11092023	Units: mg/L		Analysis Date: 10-Nov-2023 14:27					
Client ID:	Run ID: TOC_05_451548	SeqNo: 7668203		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-11092023	Units: mg/L		Analysis Date: 10-Nov-2023 14:42					
Client ID:	Run ID: TOC_05_451548	SeqNo: 7668204		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	9.713	1.00	10	0	97.1	85 - 115			
LCSD	Sample ID: LCSD-11092023	Units: mg/L		Analysis Date: 10-Nov-2023 14:56					
Client ID:	Run ID: TOC_05_451548	SeqNo: 7668205		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	9.7	1.00	10	0	97.0	85 - 115	9.713	0.134	20
MS	Sample ID: HS23101658-07MS	Units: mg/L		Analysis Date: 10-Nov-2023 15:52					
Client ID:	Run ID: TOC_05_451548	SeqNo: 7668209		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	12.22	1.00	10	2.919	93.0	80 - 120			
The following samples were analyzed in this batch:									
HS23110289-01 HS23110289-03									

ALS Houston, US

Date: 13-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K02001
WorkOrder: HS23110289

QC BATCH REPORT

Batch ID: R451552 (0)		Instrument: TOC_05		Method: TOTAL ORGANIC CARBON BY E415.1						
MBLK	Sample ID: MBLK-11092023	Units: mg/L		Analysis Date: 10-Nov-2023 18:39						
Client ID:	Run ID: TOC_05_451552	SeqNo: 7668271		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual
Organic Carbon, Total	ND	1.00								
LCS	Sample ID: LCS-11092023	Units: mg/L		Analysis Date: 10-Nov-2023 18:53						
Client ID:	Run ID: TOC_05_451552	SeqNo: 7668272		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual
Organic Carbon, Total	9.667	1.00	10	0	96.7	85 - 115				
LCSD	Sample ID: LCSD-11092023	Units: mg/L		Analysis Date: 10-Nov-2023 19:07						
Client ID:	Run ID: TOC_05_451552	SeqNo: 7668273		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual
Organic Carbon, Total	9.629	1.00	10	0	96.3	85 - 115	9.667	0.394	20	
MS	Sample ID: HS23110500-01MS	Units: mg/L		Analysis Date: 10-Nov-2023 20:01						
Client ID:	Run ID: TOC_05_451552	SeqNo: 7668277		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual
Organic Carbon, Total	15.99	1.00	10	6.289	97.0	80 - 120				
The following samples were analyzed in this batch:										
			HS23110289-05 HS23110289-06							

ALS Houston, US

Date: 13-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K02001
WorkOrder: HS23110289

QC BATCH REPORT

Batch ID: R451624 (0)		Instrument: TOC_05		Method: TOTAL ORGANIC CARBON BY E415.1					
MBLK	Sample ID: MBLK-11112023	Units: mg/L		Analysis Date: 11-Nov-2023 18:54					
Client ID:	Run ID: TOC_05_451624	SeqNo: 7670232		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-11112023	Units: mg/L		Analysis Date: 11-Nov-2023 19:08					
Client ID:	Run ID: TOC_05_451624	SeqNo: 7670233		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	9.775	1.00	10	0	97.8	85 - 115			
LCSD	Sample ID: LCSD-11112023	Units: mg/L		Analysis Date: 11-Nov-2023 19:22					
Client ID:	Run ID: TOC_05_451624	SeqNo: 7670234		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	9.792	1.00	10	0	97.9	85 - 115	9.775	0.174	20
MS	Sample ID: HS23101931-03MS	Units: mg/L		Analysis Date: 11-Nov-2023 20:21					
Client ID:	Run ID: TOC_05_451624	SeqNo: 7670238		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	24.27	1.00	10	14.53	97.4	80 - 120			
The following samples were analyzed in this batch:									
HS23110289-02 HS23110289-04									

ALS Houston, US

Date: 13-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K02001
WorkOrder: HS23110289

**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: 13-Nov-23

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	88-00356	27-Mar-2024
California	2919; 2024	30-Apr-2024
Dept of Defense	L23-358	31-May-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Louisiana	03087 2023-2024	30-Jun-2024
Maryland	343; 2023-2024	30-Jun-2024
North Carolina	624-2023	31-Dec-2023
North Dakota	R-193 2023-2024	30-Apr-2024
Oklahoma	2023-140	31-Aug-2024
Texas	T104704231-23-31	30-Apr-2024
Utah	TX026932023-14	31-Jul-2024

ALS Houston, US

Date: 13-Nov-23

Sample Receipt Checklist

Work Order ID: HS23110289

Date/Time Received: 03-Nov-2023 09:40

Client Name: Permian Basin Lab

Received by: Corey Grandits

Completed By: /S/ Corey Grandits

03-Nov-2023 16:55

Reviewed by: /S/ Anna Kinchen

06-Nov-2023 11:40

eSignature

Date/Time

eSignature

Date/Time

Matrices: W

Carrier 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):

3.4UC/3.3C

IR31

Cooler(s)/Kit(s):

Md Red

Date/Time sample(s) sent to storage:

11/3/23

Water - VOA vials have zero headspace?

Yes ☒

No ☐

No VOA vials submitted ☐

Water - pH acceptable upon receipt?

Yes ☒

No ☐

N/A ☐

pH adjusted?

Yes ☐

No ☒

N/A ☐

pH adjusted by:

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:

PBELAB**CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST**

Permian Basin Environmental Lab
1400 Rankin HWY
Midland, Texas 79701

HS23110289

Permian Basin Environmental Lab, LP
3K02001

Project Manager: Brent BarronCompany Name: PBELCompany Address: 1400 Rankin HWYCity/State/Zip: Midland Texas 79701Telephone No: 432-661-4184

Fax No: _____

PO #: _____

Report Format: ☒ Standard☐ TRRP☐ NPDESSampler Signature: N/Ae-mail: brentbarron@pbelab.com

ORDER #:		Preservation & # of Containers										Matrix		Analyze For:										24 HOUR RUSH STANDARD												
LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	ICE	HNO ₃ 250 poly 1	HCl 3 40mL VOA	H ₂ SO ₄ 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	Na ₂ S ₂ O ₃	VOA AMBER UNPRESERVED	NONE	DW-Drinking Water SL-Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	Mn, Fe Dissolved CP-MS 6020A	RSK SOP-175	TOC-415.1	8270C PAH LL														
	3K02001-01			11/1/2023	8:31	Y	5	X	X	X	X					W			X	X	X															X
	3K02001-02			11/1/2023	9:33	Y	5	X	X	X	X					W			X	X	X															X
	3K02001-03			11/1/2023	10:45	Y	5	X	X	X	X					W			X	X	X															X
	3K02001-04			11/1/2023	11:52	Y	5	X	X	X	X					W			X	X	X															X
	3K02001-05			11/1/2023	13:38	Y	8	X	X	X	X			X		W			X	X	X	X														X
	3K02001-06			11/1/2023	15:12	Y	8	X	X	X	X			X		W			X	X	X	X														X

SPECIAL INSTRUCTIONS:						Laboratory Comments:					
Relinquished by:	Date	Time	Received by:	Date	Time	Sample Containers Intact?	Y	N			
Brent Barron	11/2/23	17:00				VOCs Free of Headspace?	Y	N			
Relinquished by:	Date	Time	Received by:	Date	Time	Labels on container(s)	Y	N			
						Custody seals on container(s)	Y	N			
Relinquished by:	Date	Time	Received by:	Date	Time	Custody seals on cooler(s)	Y	N			
						Sample Hand Delivered	Y	N			
						by Sampler/Client Rep. ?	Y	N			
						by Courier? UPS DHL FedEx Lone Star					
						Temperature Upon Receipt:					
						Received: 3.9 °C					
						Adjusted: °C Factor					

ORIGIN ID:MAFA (432) 686-7235
BRENT BARRON
PBE LAB
1400 RANKIN HWY
MIDLAND, TX 79701
UNITED STATES, US
SHIP DATE: 02NOV23
ACTWGT: 35.00 LB
CAD: 107136846NET14535
DIMS: 15x17x9 IN
BILL RECEIPT

TO SAMPLE RECEIVING
ALS-HOUSTON
10450 STANCLIFF RD

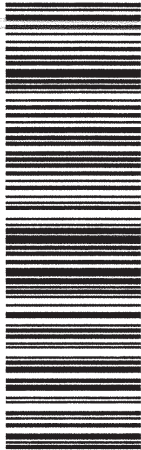
HOUSTON TX 77099
REF: (281) 530-6615

583J4/CSBD/9AE3



TRK# 7739 5676 4252
1201
FRI - 03 NOV 5:00P
STANDARD OVERNIGHT

AB SGRA
TX-US IAH
77099



After printing this label,
CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH
1. Fold the printed page along the horizontal line.
2. Place label in shipping pouch and affix it to your shipment.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on [fedex.com](https://www.fedex.com). FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

**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: 3K02002



Current Certification

Report Date: 11/03/23

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-15	3K02002-01	Water	10/31/23 10:03	11-02-2023 08:35
MW-33	3K02002-02	Water	10/31/23 10:31	11-02-2023 08:35
MW-34	3K02002-03	Water	10/31/23 10:58	11-02-2023 08:35
MW-36	3K02002-04	Water	10/31/23 11:25	11-02-2023 08:35
MW-37	3K02002-05	Water	10/31/23 11:53	11-02-2023 08:35
MW-38	3K02002-06	Water	10/31/23 12:16	11-02-2023 08:35
MW-39	3K02002-07	Water	10/31/23 12:42	11-02-2023 08:35
MW-40	3K02002-08	Water	10/31/23 13:11	11-02-2023 08:35
MW-17	3K02002-09	Water	10/31/23 13:35	11-02-2023 08:35
MW-13	3K02002-10	Water	10/31/23 14:07	11-02-2023 08:35
MW-23	3K02002-11	Water	10/31/23 14:32	11-02-2023 08:35
MW-25	3K02002-12	Water	10/31/23 14:52	11-02-2023 08:35
MW-3	3K02002-13	Water	10/31/23 15:29	11-02-2023 08:35
MW-31	3K02002-14	Water	10/31/23 15:51	11-02-2023 08:35
MW-29	3K02002-15	Water	10/31/23 16:17	11-02-2023 08:35
MW-6	3K02002-16	Water	10/31/23 16:53	11-02-2023 08:35
MW-28	3K02002-17	Water	10/31/23 17:20	11-02-2023 08:35
MW-26	3K02002-18	Water	10/31/23 17:52	11-02-2023 08:35
MW-10	3K02002-19	Water	10/31/23 18:10	11-02-2023 08:35

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-15
3K02002-01 (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	P3K0204	11/02/23 11:13	11/02/23 19:35	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 19:35	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 19:35	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 19:35	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 19:35	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	79.2 %		80-120		P3K0204	11/02/23 11:13	11/02/23 19:35	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	93.5 %		80-120		P3K0204	11/02/23 11:13	11/02/23 19:35	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-33
3K02002-02 (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	P3K0204	11/02/23 11:13	11/02/23 19:58	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 19:58	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 19:58	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 19:58	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 19:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	81.4 %		80-120		P3K0204	11/02/23 11:13	11/02/23 19:58	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.9 %		80-120		P3K0204	11/02/23 11:13	11/02/23 19:58	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-34
3K02002-03 (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	P3K0204	11/02/23 11:13	11/02/23 20:21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 20:21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 20:21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 20:21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 20:21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	81.5 %		80-120		P3K0204	11/02/23 11:13	11/02/23 20:21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.0 %		80-120		P3K0204	11/02/23 11:13	11/02/23 20:21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-36
3K02002-04 (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	P3K0204	11/02/23 11:13	11/02/23 20:44	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 20:44	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 20:44	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 20:44	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 20:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	80.9 %		80-120		P3K0204	11/02/23 11:13	11/02/23 20:44	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.8 %		80-120		P3K0204	11/02/23 11:13	11/02/23 20:44	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-37
3K02002-05 (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	P3K0204	11/02/23 11:13	11/02/23 21:07	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 21:07	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 21:07	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 21:07	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 21:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	80.9 %		80-120		P3K0204	11/02/23 11:13	11/02/23 21:07	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.5 %		80-120		P3K0204	11/02/23 11:13	11/02/23 21:07	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-38
3K02002-06 (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	P3K0204	11/02/23 11:13	11/02/23 21:30	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 21:30	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 21:30	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 21:30	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 21:30	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	81.3 %		80-120		P3K0204	11/02/23 11:13	11/02/23 21:30	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.9 %		80-120		P3K0204	11/02/23 11:13	11/02/23 21:30	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-39
3K02002-07 (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	P3K0204	11/02/23 11:13	11/02/23 21:54	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 21:54	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 21:54	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 21:54	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 21:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	82.9 %		80-120		P3K0204	11/02/23 11:13	11/02/23 21:54	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.1 %		80-120		P3K0204	11/02/23 11:13	11/02/23 21:54	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-40
3K02002-08 (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	P3K0204	11/02/23 11:13	11/02/23 22:17	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 22:17	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 22:17	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 22:17	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 22:17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	81.0 %		80-120		P3K0204	11/02/23 11:13	11/02/23 22:17	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.6 %		80-120		P3K0204	11/02/23 11:13	11/02/23 22:17	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-17
3K02002-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.00192	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 22:40	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 22:40	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 22:40	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 22:40	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 22:40	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	77.2 %		80-120		P3K0204	11/02/23 11:13	11/02/23 22:40	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	93.3 %		80-120		P3K0204	11/02/23 11:13	11/02/23 22:40	EPA 8021B	

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-13
3K02002-10 (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	P3K0204	11/02/23 11:13	11/02/23 23:03	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 23:03	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 23:03	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 23:03	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K0204	11/02/23 11:13	11/02/23 23:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	80.4 %		80-120		P3K0204	11/02/23 11:13	11/02/23 23:03	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	90.9 %		80-120		P3K0204	11/02/23 11:13	11/02/23 23:03	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-23
3K02002-11 (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	P3K0205	11/02/23 11:24	11/03/23 02:08	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 02:08	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 02:08	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 02:08	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 02:08	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	82.2 %		80-120		P3K0205	11/02/23 11:24	11/03/23 02:08	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.9 %		80-120		P3K0205	11/02/23 11:24	11/03/23 02:08	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-25
3K02002-12 (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	P3K0205	11/02/23 11:24	11/03/23 02:31	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 02:31	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 02:31	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 02:31	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 02:31	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	80.9 %		80-120		P3K0205	11/02/23 11:24	11/03/23 02:31	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.2 %		80-120		P3K0205	11/02/23 11:24	11/03/23 02:31	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-3
3K02002-13 (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	P3K0205	11/02/23 11:24	11/03/23 02:54	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 02:54	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 02:54	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 02:54	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 02:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	82.2 %		80-120		P3K0205	11/02/23 11:24	11/03/23 02:54	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.1 %		80-120		P3K0205	11/02/23 11:24	11/03/23 02:54	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-31
3K02002-14 (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	P3K0205	11/02/23 11:24	11/03/23 03:17	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 03:17	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 03:17	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 03:17	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 03:17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	82.1 %		80-120		P3K0205	11/02/23 11:24	11/03/23 03:17	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.2 %		80-120		P3K0205	11/02/23 11:24	11/03/23 03:17	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-29
3K02002-15 (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	P3K0205	11/02/23 11:24	11/03/23 03:41	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 03:41	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 03:41	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 03:41	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 03:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	82.4 %		80-120		P3K0205	11/02/23 11:24	11/03/23 03:41	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.8 %		80-120		P3K0205	11/02/23 11:24	11/03/23 03:41	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-6
3K02002-16 (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	P3K0205	11/02/23 11:24	11/03/23 04:04	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 04:04	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 04:04	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 04:04	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 04:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	81.7 %		80-120		P3K0205	11/02/23 11:24	11/03/23 04:04	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.0 %		80-120		P3K0205	11/02/23 11:24	11/03/23 04:04	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-28
3K02002-17 (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	P3K0205	11/02/23 11:24	11/03/23 04:27	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 04:27	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 04:27	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 04:27	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 04:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	80.4 %		80-120		P3K0205	11/02/23 11:24	11/03/23 04:27	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.7 %		80-120		P3K0205	11/02/23 11:24	11/03/23 04:27	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-26
3K02002-18 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.00132	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 04:50	EPA 8021B	
Toluene	0.00152	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 04:50	EPA 8021B	
Ethylbenzene	0.00110	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 04:50	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 04:50	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 04:50	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	80.0 %		80-120		P3K0205	11/02/23 11:24	11/03/23 04:50	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.2 %		80-120		P3K0205	11/02/23 11:24	11/03/23 04:50	EPA 8021B	

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

MW-10
3K02002-19 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.0795	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 05:13	EPA 8021B	
Toluene	0.00515	0.00100	mg/L	1	P3K0205	11/02/23 11:24	11/03/23 05:13	EPA 8021B	
Ethylbenzene	1.28	0.0100	mg/L	10	P3K0205	11/02/23 11:24	11/03/23 11:20	EPA 8021B	
Xylene (p/m)	0.389	0.0200	mg/L	10	P3K0205	11/02/23 11:24	11/03/23 11:20	EPA 8021B	
Xylene (o)	0.234	0.0100	mg/L	10	P3K0205	11/02/23 11:24	11/03/23 11:20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	91.2 %		80-120		P3K0205	11/02/23 11:24	11/03/23 05:13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	87.1 %		80-120		P3K0205	11/02/23 11:24	11/03/23 05:13	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3K0204 - *** DEFAULT PREP ***

Blank (P3K0204-BLK1)		Prepared & Analyzed: 11/02/23								
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	0.101		"	0.120		84.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.2	80-120			

LCS (P3K0204-BS1)		Prepared & Analyzed: 11/02/23								
Benzene	0.0949	0.00100	mg/L	0.100		94.9	80-120			
Toluene	0.0898	0.00100	"	0.100		89.8	80-120			
Ethylbenzene	0.0916	0.00100	"	0.100		91.6	80-120			
Xylene (p/m)	0.182	0.00200	"	0.200		91.0	80-120			
Xylene (o)	0.0804	0.00100	"	0.100		80.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.103		"	0.120		85.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.9	80-120			

LCS Dup (P3K0204-BSD1)		Prepared & Analyzed: 11/02/23								
Benzene	0.0968	0.00100	mg/L	0.100		96.8	80-120	2.03	20	
Toluene	0.0917	0.00100	"	0.100		91.7	80-120	2.07	20	
Ethylbenzene	0.0938	0.00100	"	0.100		93.8	80-120	2.44	20	
Xylene (p/m)	0.186	0.00200	"	0.200		92.8	80-120	2.02	20	
Xylene (o)	0.0815	0.00100	"	0.100		81.5	80-120	1.37	20	
Surrogate: 4-Bromofluorobenzene	0.0988		"	0.120		82.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.3	80-120			

Calibration Blank (P3K0204-CCB1)		Prepared & Analyzed: 11/02/23								
Benzene	0.270		ug/l							
Toluene	0.200		"							
Ethylbenzene	0.130		"							
Xylene (p/m)	0.280		"							
Xylene (o)	0.0700		"							
Surrogate: 4-Bromofluorobenzene	0.101		"	0.120		84.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.2	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.

TRC Solutions- Midland, Texas	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3K0204 - *** DEFAULT PREP ***

Calibration Blank (P3K0204-CCB2)			Prepared & Analyzed: 11/02/23							
Benzene	0.220		ug/l							
Toluene	0.310		"							
Ethylbenzene	0.390		"							
Xylene (p/m)	0.300		"							
Xylene (o)	0.370		"							
Surrogate: 4-Bromofluorobenzene	0.0977		"	0.120		81.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.9	80-120			

Calibration Blank (P3K0204-CCB3)			Prepared: 11/02/23 Analyzed: 11/03/23							
Benzene	0.150		ug/l							
Toluene	0.0700		"							
Ethylbenzene	0.0800		"							
Xylene (p/m)	0.180		"							
Xylene (o)	0.0300		"							
Surrogate: 4-Bromofluorobenzene	0.0975		"	0.120		81.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.6	80-120			

Calibration Check (P3K0204-CCV1)			Prepared & Analyzed: 11/02/23							
Benzene	0.100	0.00100	mg/L	0.100		100	80-120			
Toluene	0.0951	0.00100	"	0.100		95.1	80-120			
Ethylbenzene	0.0912	0.00100	"	0.100		91.2	80-120			
Xylene (p/m)	0.190	0.00200	"	0.200		95.1	80-120			
Xylene (o)	0.0849	0.00100	"	0.100		84.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.102		"	0.120		84.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.7	80-120			

Calibration Check (P3K0204-CCV2)			Prepared & Analyzed: 11/02/23							
Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.0929	0.00100	"	0.100		92.9	80-120			
Ethylbenzene	0.0831	0.00100	"	0.100		83.1	80-120			
Xylene (p/m)	0.173	0.00200	"	0.200		86.4	80-120			
Xylene (o)	0.0805	0.00100	"	0.100		80.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.0966		"	0.120		80.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.2	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	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3K0204 - *** DEFAULT PREP ***

Calibration Check (P3K0204-CCV3)				Prepared: 11/02/23 Analyzed: 11/03/23						
Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.0927	0.00100	"	0.100		92.7	80-120			
Ethylbenzene	0.0848	0.00100	"	0.100		84.8	80-120			
Xylene (p/m)	0.177	0.00200	"	0.200		88.4	80-120			
Xylene (o)	0.0803	0.00100	"	0.100		80.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.0991		"	0.120		82.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.4	80-120			

Matrix Spike (P3K0204-MS1)				Source: 3K02001-01		Prepared & Analyzed: 11/02/23				
Benzene	0.0895	0.00100	mg/L	0.100	ND	89.5	80-120			
Toluene	0.0804	0.00100	"	0.100	ND	80.4	80-120			
Ethylbenzene	0.0783	0.00100	"	0.100	ND	78.3	80-120			QM-05
Xylene (p/m)	0.154	0.00200	"	0.200	ND	77.2	80-120			QM-05
Xylene (o)	0.0675	0.00100	"	0.100	ND	67.5	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.0972		"	0.120		81.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.4	80-120			

Matrix Spike Dup (P3K0204-MSD1)				Source: 3K02001-01		Prepared & Analyzed: 11/02/23				
Benzene	0.0842	0.00100	mg/L	0.100	ND	84.2	80-120	6.11	20	
Toluene	0.0756	0.00100	"	0.100	ND	75.6	80-120	6.18	20	QM-05
Ethylbenzene	0.0740	0.00100	"	0.100	ND	74.0	80-120	5.59	20	QM-05
Xylene (p/m)	0.146	0.00200	"	0.200	ND	73.1	80-120	5.47	20	QM-05
Xylene (o)	0.0639	0.00100	"	0.100	ND	63.9	80-120	5.47	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.0962		"	0.120		80.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.6	80-120			

Batch P3K0205 - *** DEFAULT PREP ***

Blank (P3K0205-BLK1)				Prepared: 11/02/23 Analyzed: 11/03/23						
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	0.0981		"	0.120		81.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.2	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	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3K0205 - *** DEFAULT PREP ***

LCS (P3K0205-BS1)		Prepared: 11/02/23 Analyzed: 11/03/23								
Benzene	0.0920	0.00100	mg/L	0.100		92.0	80-120			
Toluene	0.0838	0.00100	"	0.100		83.8	80-120			
Ethylbenzene	0.0823	0.00100	"	0.100		82.3	80-120			
Xylene (p/m)	0.163	0.00200	"	0.200		81.6	80-120			
Xylene (o)	0.0802	0.00100	"	0.100		80.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.101		"	0.120		84.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

LCS Dup (P3K0205-BSD1)		Prepared: 11/02/23 Analyzed: 11/03/23								
Benzene	0.0952	0.00100	mg/L	0.100		95.2	80-120	3.34	20	
Toluene	0.0864	0.00100	"	0.100		86.4	80-120	3.01	20	
Ethylbenzene	0.0848	0.00100	"	0.100		84.8	80-120	3.03	20	
Xylene (p/m)	0.167	0.00200	"	0.200		83.6	80-120	2.43	20	
Xylene (o)	0.0806	0.00100	"	0.100		80.6	80-120	0.510	20	
Surrogate: 4-Bromofluorobenzene	0.0971		"	0.120		80.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.3	80-120			

Calibration Blank (P3K0205-CCB1)		Prepared: 11/02/23 Analyzed: 11/03/23								
Benzene	0.150		ug/l							
Toluene	0.0700		"							
Ethylbenzene	0.0800		"							
Xylene (p/m)	0.180		"							
Xylene (o)	0.0300		"							
Surrogate: 4-Bromofluorobenzene	0.0975		"	0.120		81.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.6	80-120			

Calibration Check (P3K0205-CCV1)		Prepared: 11/02/23 Analyzed: 11/03/23								
Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.0927	0.00100	"	0.100		92.7	80-120			
Ethylbenzene	0.0848	0.00100	"	0.100		84.8	80-120			
Xylene (p/m)	0.177	0.00200	"	0.200		88.4	80-120			
Xylene (o)	0.0803	0.00100	"	0.100		80.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.0991		"	0.120		82.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.4	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	Project: SPS-11
10 Desta Dr STE 150E	Project Number: TNM SPS -11
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3K0205 - *** DEFAULT PREP ***

Calibration Check (P3K0205-CCV2)				Prepared: 11/02/23 Analyzed: 11/03/23						
Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.0922	0.00100	"	0.100		92.2	80-120			
Ethylbenzene	0.0821	0.00100	"	0.100		82.1	80-120			
Xylene (p/m)	0.170	0.00200	"	0.200		84.8	80-120			
Xylene (o)	0.0804	0.00100	"	0.100		80.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.0956		"	0.120		79.6	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.1	80-120			

Matrix Spike (P3K0205-MS1)				Source: 3K02002-11 Prepared: 11/02/23 Analyzed: 11/03/23						
Benzene	0.0956	0.00100	mg/L	0.100	ND	95.6	80-120			
Toluene	0.0859	0.00100	"	0.100	ND	85.9	80-120			
Ethylbenzene	0.0801	0.00100	"	0.100	ND	80.1	80-120			
Xylene (p/m)	0.157	0.00200	"	0.200	ND	78.5	80-120			QM-05
Xylene (o)	0.0706	0.00100	"	0.100	ND	70.6	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.0944		"	0.120		78.7	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		93.9	80-120			

Matrix Spike Dup (P3K0205-MSD1)				Source: 3K02002-11 Prepared: 11/02/23 Analyzed: 11/03/23						
Benzene	0.0926	0.00100	mg/L	0.100	ND	92.6	80-120	3.16	20	
Toluene	0.0831	0.00100	"	0.100	ND	83.1	80-120	3.36	20	
Ethylbenzene	0.0785	0.00100	"	0.100	ND	78.5	80-120	2.09	20	QM-05
Xylene (p/m)	0.155	0.00200	"	0.200	ND	77.3	80-120	1.46	20	QM-05
Xylene (o)	0.0676	0.00100	"	0.100	ND	67.6	80-120	4.38	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.0961		"	0.120		80.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.7	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.

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

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

ROI Received on Ice

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

pH1 The Regulatory Holding time for pH is 15 minutes, 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:

11/3/2023

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.

PBMLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Page 1

Project Manager: Curt Stanley

Project Name: SPS-11

Page 29 of 31

Company Name: TRC Environmental Corporation

Project #: SRS: TNM SPS-11

Company Address: 10 Desta Drive, Ste 130E

Project Loc: Lea County, NM

City/State/Zip: Midland TX 79705

PO #:

Telephone No: (432) 520-7720

Report Format: ☒ Standard ☐ TRRP ☐ NPDESSampler Signature: *[Signature]*

e-mail: cdstanley@trccompanies.com

cdstanley@trccompanies.com
cjbryant@paalp.com
khuddgens@paalp.com
mgreen@trccompanies.com

(lab use only)

ORDER #: 3102002

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Matrix	TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate by E300	COD by SM 5310	Total BTEX by 8260	Analyze For:	TCLP:	TOTAL:	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-12			10-21-23	1203		3	X								GW												X
2	MW-15				1031		3	X								GW												X
3	MW-33				1058		3	X								GW												X
4	MW-34				1125		3	X								GW												X
5	MW-36				1153		3	X								GW												X
6	MW-37				1216		3	X								GW												X
7	MW-38				1240		3	X								GW												X
8	MW-39				1311		3	X								GW												X
	MW-40						3	X								GW												X

BILL TO PLAINS

Relinquished by: *Manny* 11-27-23 Date

Time 0835

Received by:

Date

Time

Relinquished by: *Manny* 11-27-23 Date

Time 0835

Received by:

Date

Time

Relinquished by:

Time

Received by:

Date

Time

Relinquished by:

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers intact?

VOCs Free of Headspace?

Labels on container(s)?

Custody seals on container(s)?

Sample Hand Delivered by Sampler/Client Rep?

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: 4.8 °C

Adjusted: *NEB*



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Page 2

Project Manager: Curt Stanley

Project Name: SPS-11

Company Name TRC Environmental Corporation

Project #: SRS: TNM SPS-11

Company Address: 10 Desta Drive, Ste 130E

Project Loc: Lea County, NM

City/State/Zip: Midland TX 79705

PO #

Telephone No: (432) 520-7720

Fax No:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature:

e-mail:

cdstanley@trcompanies.com
cibvant@aol.com

(lab use only)

knudgens@paalp.com
mgreen@trccompanies.com

ORDER #: 3K02002

Preservation & # of Containers

Matrix

[illegible]

PBMLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Page 3

Project Manager: Curt StanleyProject Name: SPS-11Company Name: TRC Environmental CorporationProject #: SRS: TNM SPS-11Company Address: 10 Desta Drive, Ste 130EProject Loc: Lea County, NMCity/State/Zip: Midland TX 79705

PO #:

Telephone No: (432) 520-7720Report Format: ☒ Standard ☐ TRRP ☐ NPDESSampler Signature: *Michael H. Stanley*

e-mail:

cdstanley@trccompanies.comclbryant@paalp.comknudgens@paalp.commgreen@trccompanies.com

(lab use only)

ORDER #: 3K02002

Preservation & # of Containers

Matrix

Analyze For:

TOTAL: X

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

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TOC MW 5310

Dissolved Methane, Ethane, and Ethene by RSK-175

Total Dissolved Metals (Fe and Mn) by SW 6010

Nitrate and Sulfate by E300

COD by SM 5310

Total BTEX by 8260

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

Standard TAT

Special Instructions:

BILL TO PLAINS

Relinquished by: Wanny Date: 11-2-13 Time: 0835 Received by: Don BludaeRelinquished by: Wanny Date: 11-2-13 Time: 0835 Received by: Don BludaeRelinquished by: Wanny Date: 11-2-13 Time: 0835 Received by: Don Bludae

Laboratory Comments:

Sample Containers Intact? YVOCs Free of Headspace? YLabels on container(s) YCustody seals on container(s) YSample Hand Delivered Yby Sampler/Client Rep.? YTemperature Upon Receipt: 48 °CReceived: 48 °C

Factor

UPS DHL FedEx Lone Star

APPENDIX B:
Release Notification and Corrective Action (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

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:			Mineral Owner			Lease No.
New Mexico State Land Office						

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	18	18S	36E					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	Date and Hour of Discovery
	Unknown	
Was Immediate Notice Given?	If YES, To Whom?	
Yes ☐ No ☐ Not Required ☐		
By Whom?	Date and Hour	
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse.	
☐ Yes ☒ No		
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.*		
Describe Area Affected and Cleanup Action Taken.*		
NOTE: Texas-New Mexico Pipeline was the owner/operator of the pipeline system at the time of the release, initial response information is unavailable .		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		

Signature:		<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Camille Reynolds		Approved by District Supervisor:	
Title: Remediation Coordinator		Approval Date:	Expiration Date:
E-mail Address: 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 351129

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	OGRID:	34053
	Action Number:	351129
	Action Type:	[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2023 Annual Monitoring Report for TNM SPS-11: content satisfactory 1. Continue to conduct PSH product recovery as necessary for 2024 where possible in monitoring wells. 2. All requests for monitoring well P&A must be submitted separately as a work plan to OCD. This cannot be approved as part of the monitoring report. 3. Please continue to conduct groundwater monitoring on a quarterly basis for PAH and BTEX analyses. 4. Submit the work plan for P&A of select wells to OCD within 60 days. 5. Submit the 2024 annual monitoring report to OCD by May 1, 2025.	8/19/2024