2024
ANNUAL MONITORING REPORT

TNM 97-18

SW ¼ NE ¼ of SECTION 28, TOWNSHIP 20 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS SRS NUMBER: TNM 97-18-KNOWN
NMOCD Reference AP-0013
Incident # nAPP2109543384

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INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), TRC Environmental Corporation (TRC), is pleased to submit this 2024 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 (NOVA). The TNM 97-18 Pipeline Release Site (the Site), formerly the responsibility of Enron Oil Trading and Transportation (EOTT), is now the responsibility of Plains. This report is intended to be viewed as a complete document with figures, appendices, tables, and text. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2024. Historical groundwater elevation data is summarized in Table 4. For reference, the Site Location Map is provided as Figure 1. A map depicting site details and well locations is provided for reference as Figure 2.

Groundwater monitoring was conducted each quarter of 2024 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 and purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH greater than 0.01 foot were not sampled per a NMOCD directive, with the exception of wells selected as part of the monitored natural attenuation (MNA) sampling activities.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The TNM 97-18 Release occurred on September 10, 1997. The Site is located south of Monument, New Mexico in the Southwest ¼ of the Northeast ¼ of Section 28, Township 20 South, Range 37 East. According to Form C-141, an estimated eighty-three (83) barrels of crude oil was released from the 16-inch pipeline of which none was recovered. The Release Notification and Corrective Action (Form C-141) is provided as Appendix B.

A *Soil Closure Work Plan* (Work Plan) was submitted to the NMOCD in August 2006. The Work Plan proposed soil remediation activities intended to progress the Site toward an NMOCD approved closure.

In February 2008, Plains received approval from the NMOCD to commence the soil remediation activities outlined in the Work Plan. Following the completion of the soil remediation activities, a *Soil Closure Request* dated August 2010 was submitted to the NMOCD for approval. On January 26, 2011, Plains received an email from the NMOCD approving the *Soil Closure Request* at the TNM 97-18 Release Site.

A pneumatic product recovery system operated onsite, which incorporated three (3) monitor wells (MW-4, MW-5, and MW-7), was discontinued at the end of 2006, due to declining PSH thicknesses onsite.

Plains began air sparging during the 1st quarter of 2013 in monitor wells MW-21, MW-22, MW-23, MW-25, MW-27, and MW-28 to attenuate the down gradient edge of the dissolved phase plume. The diffusers were installed at a depth of approximately thirty-eight (38) feet below ground surface (bgs) and operated at a pressure of approximately five (5) psi per well. The sparging system was discontinued in the 2nd quarter of 2014, due to mechanical failure of the air pump.

Currently, there are twenty-seven (27) monitor wells (MW-1 through MW-12, MW-14 through MW-18, MW-20 through MW-28, and MW-30, and two (2) recovery wells (RW-1 and RW-2) onsite.

FIELD ACTIVITIES

Product Recovery Efforts

Measurable thicknesses of PSH ranging from 1.02 feet to 1.42 feet were present in monitor well MW-5 for the reporting period. A measurable thickness of PSH of 0.03 feet was present in MW-6 during the 4th quarter of the reporting period. Measurable thicknesses of PSH ranging from 0.87 feet to 3.78 feet was detected in monitor well MW-7 for the reporting period. Measurable thicknesses of PSH ranging from 0.05 feet to 1.00 feet were present in recovery well RW-2 for the reporting period. The maximum PSH thickness of all wells containing PSH was 3.78 feet and was recorded on July 17, 2024, in monitor well MW-7. PSH data for the 2024 gauging events can be found in Table 1.

PSH abatement via hand bailing occurred monthly during 2024. Approximately 59.1 gallons (1.4 barrels) of PSH were recovered from the Site during 2024. A total of approximately 1,510.9 gallons (36.0 barrels) of PSH has been recovered since project inception. Recovered fluids were disposed of at an NMOCD approved facility as directed by Plains.

Gauging and Groundwater Abatement

Gauging and groundwater dissolved phase hydrocarbon abatement in conjunction with PSH abatement via hand bailing occurred monthly during 2024. Approximately 926.7 (22.1 barrels) of water was recovered from monitor well MW-7 and RW-2. Recovered fluids were disposed of at an NMOCD approved facility as directed by Plains.

Groundwater Monitoring

Quarterly monitoring events for the reporting period were conducted according to the following reduced sampling schedule, which was approved by the NMOCD in correspondence dated April 28, 2004, and amended by NMOCD correspondence dated June 22, 2005, and June 13, 2013.

NMOCD APPROVED SAMPLING SCHEDULE					
Location	**Schedule**	**Location**	**Schedule**	**Location**	**Schedule**
MW-1*	Annually	MW-12	Annually	MW-23	Quarterly
MW-2*	Quarterly	MW-13	Plugged and abandoned	MW-24*	Quarterly
MW-3	Quarterly	MW-14	Annually	MW-25	Quarterly
MW-4*	Quarterly	MW-15	Annually	MW-26	Quarterly
MW-5	Quarterly	MW-16	Annually	MW-27	Semi-Annually
MW-6*	Quarterly	MW-17	Quarterly	MW-28	Annually
MW-7	Quarterly	MW-18	Quarterly	MW-29	Plugged and abandoned
MW-8	Annually	MW-19	Plugged and abandoned	MW-30	Semi-Annually
MW-9	Annually	MW-20	Semi-Annually		
MW-10	Quarterly	MW-21	Annually	RW-1	Quarterly
MW-11	Annually	MW-22	Annually	RW-2*	Quarterly

* Indicates wells selected for MNA Parameters and are sampled on a quarterly schedule.

Quarterly monitor/recovery well gauging and groundwater sampling event for 2024 were conducted on March 25-27, June 19-21, September 10-12, and November 13-15, 2024 to assess the distribution of dissolved phase hydrocarbons. Groundwater potentiometric surface data for the 2024 reporting period is presented in Table 1.

Prior to collecting groundwater samples, each monitor well was gauged from the top of casing (TOC) for depths to fluids and total depth using an interface probe. Monitor wells not scheduled for sampling and not having measurable PSH were purged of a minimum of three (3) well volumes of water or until the wells bailed/pumped dry then allowed to recharge, after which groundwater samples were collected from each well using a disposable PVC sampler. Water samples were collected in clean glass containers (VOA's) provided by the laboratory, labeled, placed on ice, and chilled to a temperature of approximately 4° Celsius (C). Groundwater samples were submitted under proper chain-of custody control to Permian Basin Environmental Laboratory, in Midland, Texas, for analysis of BTEX by Environmental Protection Agency (EPA) Method SW846-8021B. Purge water was placed into and stored in a portable tank and then transported to a NMOCD licensed disposal facility as directed by Plains.

Please note, during all four (4) quarters of the reporting period, monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were sampled using industry standard low-flow sampling techniques. A water quality meter was utilized to monitor the flow of groundwater for pH, temperature (°C), conductivity, Oxygen Reduction Potential (ORP), Dissolved Oxygen (DO), and Turbidity. The above parameters were monitored until three (3) of the six (6) parameters stabilized to within a ten percent (10%) "window", at which time groundwater samples were collected. The five (5) monitor wells (MW-1, MW-6, MW-2, MW-4, and MW-24, and recovery well RW-2) were sampled for concentrations of BTEX using Method EPA 8021B,

Total Organic Carbon (TOC) using Method EPA 415.1, Dissolved Methane Gas using RSK-175, Dissolved Ethane Gas using RSK-175, Dissolved Ethene Gas using RSK-175, Dissolved Iron (filtered) using Method EPA 6010B, Dissolved Manganese (filtered) using Method EPA 6010B, Anion Nitrate and Sulfate by Method EPA 300.0, and Chemical Oxygen Demand (COD) by 8000.

The most recent Groundwater Gradient Map, Figure 2D, indicated a general gradient of 0.0049 feet/foot to the southeast. This is consistent with data presented on Figures 2A through 2C from earlier in the year, which indicated an average general gradient of 0.0049 feet/foot to the southeast. The corrected groundwater elevations ranged between 3,464.23 to 3,472.46 feet above mean sea level, in monitor well MW-27 on September 10, 2024, and in monitor well MW-1 on March 25, 2024, respectively.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during quarterly sampling events conducted in 2024, are depicted on the Inferred Groundwater Gradient Maps, Figures 2A-2D. Groundwater elevation data for 2024 is provided as Table 1. Historical groundwater elevation data beginning at project inception is summarized in Table 4.

LABORATORY RESULTS

Groundwater samples obtained during all four (4) quarterly sampling events of 2024 were delivered to Permian Basin Environmental Laboratories, in Midland, Texas for determination of BTEX constituent concentrations by EPA Method 8021B. A listing of BTEX constituent concentrations for 2024 are summarized in Table 2 and historical concentrations of BTEX in groundwater are summarized in Table 5. Copies of the laboratory reports generated for 2024 are provided in Appendix A. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

Polynuclear Aromatic Hydrocarbons (PAH) analysis by EPA Method 8270 was conducted on monitor wells monitor wells MW-4, MW-10, MW-17, MW-18, and recovery well RW-1 for the the 4th quarter. Based on historical PAH analytical data, only those wells exhibiting elevated constituent concentrations above New Mexico Water Quality Control Commission (NMWQCC) standards were sampled, with the exclusion of those wells containing measurable PSH thicknesses. The 2024 polynuclear aromatic hydrocarbon concentrations in groundwater are summarized in Table 3 and historical polynuclear aromatic hydrocarbon concentrations in groundwater are summarized in Table 6.

Monitor well MW-1 is sampled on an annual schedule however, MW-1 was selected as an MNA parameter well and as such was sampled during all four (4) quarters. Analytical results indicated BTEX constituent concentrations were less than the laboratory RL and below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Please note, monitor well MW-1 was selected as MNA parameter well and is located “upgradient of 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-1.

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
3/26/24	MW-1	7.29	20.42	14.27	70.2	2.78	4492
6/20/24	MW-1	7.07	19.89	14.59	74.5	0.70	229.7
9/11/24	MW-1	7.02	21.19	13.45	120.7	0.27	593.46
11/14/24	MW-1	7.21	20.56	7.19	-64.4	0.19	588.2

Analytical benzene data for up to the previous eight (8) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT), which indicated the Concentration Trend was "No Trend" in monitor well MW-1. Analytical toluene data for the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-1. Analytical ethylbenzene data for the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-1. Analytical xylene data for the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-1.

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 laboratory RL.

Monitor well MW-2 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from less than the laboratory reporting limit during the 3rd and 4th quarter to 0.0233 mg/L during the 2nd quarter of 2024. Benzene concentrations were above the NMOCD regulatory guidelines during the 2nd quarter of the reporting period. Toluene, ethylbenzene, and xylene concentrations were less than the laboratory RL and NMOCD regulatory guidelines during the 2024 reporting period. PAH analysis was not required during the 4th quarter sampling event.

Please note, monitor well MW-2 was selected as MNA parameter well and is located at the "center of 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-2.

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
03/26/24	MW-2	7.34	19.79	11.09	-289.1	1.35	466.5
06/20/24	MW-2	7.03	20.88	10.85	-288.1	0.81	27.19
09/11/24	MW-2	7.05	24.39	9.93	-246.2	0.24	196.78
11/14/24	MW-2	7.08	20.6	6.83	-61.6	0.12	60.35

Analytical benzene data for up to the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "Probably Decreasing" in monitor well MW-2. Analytical toluene data for the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-2. Analytical ethylbenzene data for the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-2. Analytical xylene data for the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-2.

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

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

Monitor well MW-3 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.107 mg/L during the 4th quarter to 0.206 mg/L during the 3rd quarter of 2024. Benzene concentrations were above the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations ranged from below the applicable laboratory RL during the 2nd and 3rd quarters to 0.00158 mg/L during the 4th quarter of 2024. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene and xylene were below the applicable laboratory RL and the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. PAH analysis was not required on samples from MW-3 during the 4th quarter sampling event.

Monitor well MW-4 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 1.59 mg/L during the 1st quarter to 2.07 mg/L during the 4th quarter. Benzene concentrations were above the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations ranged from less than the laboratory reporting limit during the 3rd quarter to 0.00420 mg/L for the 4th quarter. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the laboratory reporting limit during the 3rd quarter to 0.00919 mg/L during the 4th quarter of 2024. Ethylbenzene concentrations were

below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the laboratory reporting limit during the 3rd quarter to 0.0770 mg/L during the 1st quarter of 2024. Xylene concentrations were below 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 fluorene (0.0016 mg/L), phenanthrene (0.0013 mg/L), and naphthalene (0.343 mg/L).

Please note, monitor well MW-4 was selected as MNA parameter well and is located at the "down-gradient within 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-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
3/26/24	MW-4	7.89	20.01	0.0	-296.5	1.66	0.85
06/20/24	MW-4	7.03	21.85	8.37	-373.7	0.75	90.52
09/11/24	MW-4	7.37	25.71	6.73	-376.6	0.09	431.7
11/14/24	MW-4	7.18	21.57	6.65	-431.4	0.06	10.34

Analytical benzene data for up to the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Increasing" in monitor well MW-4. 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-4. 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-4. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Probably Decreasing" in monitor well MW-4.

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 laboratory RL.

Monitor well MW-5 is monitored/sampled on a quarterly schedule. Monitor well MW-5 was not sampled during all four (4) quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 1.30 feet, 1.42 feet, 1.03 feet, and 1.02 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of the reporting period, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-6 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0144 mg/L during the 1st quarter to 0.0290 mg/L during the 4th quarter of 2024. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the laboratory reporting limit during the 3rd quarter to 0.00210 mg/L during the 4th quarter of 2024. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the laboratory RL during the 1st, 2nd and 3rd quarters to 0.00970 mg/L during the 4th quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from less than the laboratory RL during the 1st, 2nd, and 3rd quarters to 0.01971 mg/L during the 4th quarter of 2024. 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-6 was selected as MNA parameter well and is located at the "up-gradient within 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-6.

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
03/26/24	MW-6	7.22	20.12	16.94	-269.8	1.96	223.4
06/20/24	MW-6	7.05	21.12	16.77	-320.2	0.59	37.71
09/11/24	MW-6	6.94	24.2	16.3	-310.7	0.06	249.48
11/14/24	MW-6	7.18	21.23	12.73	-439.2	0.03	2.08

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

Please 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 laboratory RL.

Monitor well MW-7 is monitored/sampled 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. PSH thicknesses of 1.80 feet, 1.83 feet, 0.95 feet, and 1.15 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of the reporting period, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-8 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 2nd quarter of 2002. PAH analysis was not required on samples from MW-8 during the 4th quarter sampling event.

Monitor well MW-9 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 2002. PAH analysis was not required on samples from MW-9 during the 4th quarter sampling event.

Monitor well MW-10 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.232 mg/L during the 3rd quarter to 0.269 mg/L during the 4th quarter of 2024. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00293 mg/L during the 3rd quarter to 0.01060 mg/L during the 4th quarter of 2024. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00136 mg/L during the 3rd quarter to 0.0085 mg/L during the 4th quarter. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.00543 mg/L during the 3rd quarter to 0.0712 mg/L during the 4th quarter of 2024. Xylene concentrations were below the NMOCD regulatory guidelines during 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 fluorene (0.0025 mg/L), phenanthrene (0.0019 mg/L).

Monitor well MW-11 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 2nd quarter of 2002. PAH analysis was not required on samples from MW-11 during the 4th quarter sampling event.

Monitor well MW-12 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD

regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 2nd quarter of 2002. PAH analysis was not required on samples from MW-12 during the 4th quarter sampling event.

Monitor well MW-14 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 2002. PAH analysis was not required on samples from MW-14 during the 4th quarter sampling event.

Monitor well MW-15 is sampled on an annual schedule but was not sampled due to and insufficient water column. 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 on samples from MW-15 during the 4th quarter sampling event.

Monitor well MW-16 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 2nd quarter of 2002. PAH analysis was not required on samples from MW-16 during the 4th quarter sampling event.

Monitor well MW-17 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 1.36 mg/L during the 3rd quarter to 2.25 mg/L during the 4th quarter of 2024. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00167mg/L during the 3rd quarter to 0.00284 mg/L during the 4th quarter of 2024. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the laboratory reporting limit during the 2nd, and 3rd quarter to 0.1420 mg/L during the 1st quarter of 2024. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.0982 mg/L during the 4th quarter to 0.137 mg/L during the 3rd quarter of 2024. Xylene concentrations were below the NMOCD regulatory guidelines during 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 fluorene (0.0023 mg/L), phenanthrene (0.0016 mg/L) and naphthalene (0.0658 mg/L).

Monitor well MW-18 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.673 mg/L during the 1st quarter to 1.13 mg/L during the 4th quarter of 2024. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged 0.00159 mg/L during the 3rd quarter to 0.00327 mg/L during the 4th quarter. Toluene concentrations were below

the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00401 mg/L during the 2nd quarter to 0.0280 mg/L during the 4th quarter of 2024. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.0466 mg/L during the 4th quarter to 0.0761 mg/L during the 3rd quarter of 2024. Xylene concentrations were below the NMOCD regulatory guidelines during 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 fluorene (0.0027 mg/L), phenanthrene (0.0013 mg/L), and naphthalene (0.03397 mg/L).

Monitor well MW-20 is sampled on a semi-annual schedule and the analytical results indicated benzene concentrations ranged from less than the applicable laboratory RL during the 2nd quarter to 0.00917 mg/L during the 4th quarter of 2024. Benzene concentrations were below the NMOCD regulatory guidelines during the 2nd and 4th quarters of the reporting period. Toluene and xylene concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during the 2nd and 4th quarter sampling event. Ethylbenzene concentrations ranged from less than the applicable laboratory reporting limit during the 2nd quarter to 0.00441 mg/L during the 4th quarter. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the 2nd and 4th quarters of the reporting period. PAH analysis was not required on samples from MW-20 during the 4th quarter sampling event.

Monitor well MW-21 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 2nd quarter of 2002. PAH analysis was not required on samples from MW-21 during the 4th quarter sampling event.

Monitor well MW-22 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were below 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 2002. PAH analysis was not required on samples from MW-22 during the 4th quarter sampling event.

Monitor well MW-23 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from less than the laboratory reporting limit during the 3rd and 4th quarter to 0.00324 mg/L during the 1st quarter. Benzene concentrations were below the NMOCD regulatory guidelines for all four quarters of the 2024 reporting period. Toluene, ethylbenzene, and xylene constituent concentrations were below the applicable laboratory RL and the NMOCD regulatory guidelines for all 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 2017. PAH analysis was not required on samples from MW-23 during the 4th quarter sampling event.

Monitor well MW-24 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 6.50 mg/L during the 3rd quarter to 8.01 mg/L during the 2nd quarter of 2024. 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 reporting limit during the 3rd quarter to 0.00597 mg/L during the 2nd quarter of 2024. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.211 mg/L during the 4th quarter to 0.340 mg/L during the 3rd quarter of 2024. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory reporting limit during the 3rd quarter to 0.20896 mg/L during the 2nd quarter of 2024. Xylene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. PAH analysis was not required on samples from MW-24 during the 4th quarter sampling event.

Please note, monitor well MW-24 was selected as MNA parameter well and is located at the "down-gradient of 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-24.

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
03/26/24	MW-24	7.11	16.73	5.91	-362.90	1.72	963.8
06/20/24	MW-24	6.91	21.27	5.39	-362.6	0.82	408.1
09/11/24	MW-24	7.1	24.62	4.44	-390.9	0.13	1153.30
11/14/24	MW-24	7.15	20.87	4.51	-364	0.08	25.47

Analytical benzene data for up to the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "NoTrend" in monitor well MW-24. 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-24. 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-24. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Increasing" in monitor well MW-24.

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 laboratory RL.

Monitor well MW-25 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.00798 mg/L during the 2nd quarter to 0.161 mg/L during the 4th quarter of 2024. Benzene concentrations were above the NMOCD regulatory guidelines during the 4th quarter of the reporting period. Toluene, ethylbenzene, and xylene concentrations were less than the applicable laboratory reporting limit and below NMOCD regulatory guidelines during all four (4) quarters of the reporting limit. PAH analysis was not required on samples from MW-25 during the 4th quarter sampling event.

Monitor well MW-26 is sampled on a quarterly schedule. Benzene, ethylbenzene, and xylene concentrations were less than the applicable laboratory reporting limit and below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory reporting limit during the 1st, 2nd, and 3rd quarters to 0.00129 mg/L during the 4th quarter. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required on samples from MW-26 during the 4th quarter sampling event.

Monitor well MW-27 is sampled on a semi-annual schedule and the analytical results indicated BTEX constituent concentrations were below the applicable laboratory RL and the NMOCD regulatory guidelines during the 2nd and 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 2nd quarter of 2004. PAH analysis was not required on samples from MW-27 during the 4th quarter sampling event.

Monitor well MW-28 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 2nd quarter of 2006. PAH analysis was not required on samples from MW-28 during the 4th quarter sampling event.

Monitor well MW-30 is sampled on a semi-annual schedule and the analytical results indicated benzene concentrations ranged from less than the applicable laboratory reporting limit during the 4th quarter to 0.00107 mg/L during the 2nd quarter of the reporting period. Benzene concentrations were below the NMOCD regulatory guidelines during the 2nd and 4th quarter of the reporting period. Toluene, ethylbenzene, and xylene constituent concentrations were below the applicable laboratory RL and the NMOCD regulatory guidelines during the 2nd and 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 2nd quarter of 2002. PAH analysis was not required on samples from MW-30 during the 4th quarter sampling event.

Recovery well RW-1 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.187 mg/L during the 4th quarter to 1.11 mg/L during the

2nd quarter of 2024. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00342 mg/L during the 3rd quarter to 0.0072 mg/L during the 1st quarter. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0171 mg/L during the 4th quarter to 0.0880 mg/L during the 2nd quarter of 2024. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.0771 mg/L during the 4th quarter to 0.2317 mg/L during the 2nd quarter of 2024. Xylene concentrations were below the NMOCD regulatory guidelines during 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 fluorene (0.0015 mg/L), phenanthrene (0.002 mg/L) and naphthalene (0.041 mg/L).

Recovery well RW-2 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0544 mg/L during the 1st quarter to 0.360 mg/L during the 3rd quarter of 2024. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 1st, and 3rd quarters to 0.00160 mg/L during the 2nd quarter. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0291 mg/L during the 1st quarter to 0.160 mg/L during the 2nd quarter of 2024. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory reporting limit during the 3rd quarter to 0.0580 mg/L during the 2nd quarter of 2024. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

Please note, recovery well RW-2 was selected as MNA parameter well and is located at the "cross-gradient of 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 recovery well RW-2.

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
03/26/24	RW-2	7.36	19.21	13.58	-354.70	1.35	9.36
06/20/24	RW-2	6.94	21.97	12.99	-329.30	1.13	10.06
09/11/24	RW-2	7.01	22.99	10.97	-372.8	0.19	35.46
11/14/24	RW-2	7.18	20.87	11.75	-430.4	0.2	2.08

Analytical benzene data for up to the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Decreasing" in recovery well RW-2. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the

Concentration Trend was "Decreasing" in recovery well RW-2. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Decreasing" in recovery well RW-2. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Decreasing" in recovery well RW-2.

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

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

Laboratory analytical results were compared to the 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, manganese^{2+}, iron^{3+}, sulfate, and carbon dioxide must be present. These reactions, termed oxidation-reduction, or "REDOX" reactions, provide bacteria and archaea varying amounts of energy.

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

Common Hydrocarbon REDOX Reactions in Groundwater

Reaction	Process	Energy
Aerobic Oxidation	$CH_2O + O_2 \rightarrow CO_2 + H_2O$	-120 Kcal/mol
Denitrification	$5CH_2O + 3NO_3 + 4H^+ \rightarrow CO_2 + 7H_2O + 2N_2$	-114 Kcal/mol

Manganese Reduction	$CH_2O + 2MnO_2 + 4H^+ \rightarrow CO_2 + 3H_2O + 2Mn^{2+}$	-81 Kcal/mol
Iron Reduction	$CH_2O + 4Fe(OH)_3 + 8H^+ \rightarrow CO_2 + 11H_2O + 4Fe^{2+}$	-28 Kcal/mol
Sulfate Reduction	$2CH_2O + SO_4^{2-} + H^+ \rightarrow 2CO_2 + 2H_2O + HS^-$	-25 Kcal/mol
Methanogenesis	$2CH_2O \rightarrow CH_3COOH \rightarrow CH_4 + CO_2$	-22 Kcal/mol

The most energetically favorable electron acceptors (i.e., dissolved oxygen and nitrate) 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 at petroleum release sites is typically petroleum hydrocarbons (e.g., light non-aqueous phase liquids [LNAPLs]); therefore, the center of the concentric region near the origin of a release area tends to be at the location where LNAPL is most likely to be present. 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 ORP and DO.

Dissolved-phase hydrocarbon plumes begin to spread out from a release area 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 below the release area and above an area where LNAPL has spread in response to the driving head imposed by the LNAPL source. Once the source of the release is stopped (i.e., the driving head is removed), LNAPL in the subsurface becomes trapped by capillary forces within the subsurface and further LNAPL spreading ceases. . For these reasons, the plume shape, COC concentrations, and biogeochemistry change with time.
Six (6) monitor wells were sampled to determine the morphology of each biodegradation region and to assess the attenuation of benzene, toluene, ethylbenzene and xylenes in the plume. These wells generally included one (1) well upgradient of the plume (MW-1), one (1) well upgradient within the plume (MW-6), one (1) well near the center of the plume (MW-2), one (1) well downgradient within the plume (MW-4), one (1) well downgradient of the plume (MW-24), and one (1) well cross-gradient of the plume center (RW-2).

The five (5) monitor wells (MW-1, MW-6, MW-2, MW-4, MW-24), and one (1) recovery well (RW-2) were sampled for concentrations of BTEX using Method EPA 8021B, Total Organic Carbon (TOC) using Method EPA 415.1, Dissolved Methane Gas using RSK-175, Dissolved Ethane Gas using RSK-175, Dissolved Ethene Gas using RSK-175, Dissolved Iron (filtered) using Method EPA 6010B, Dissolved Manganese (filtered) using Method EPA 6010B, Anion Nitrate and Sulfate by Method EPA 300.0, and Chemical Oxygen Demand (COD) by 8000.

In past reports, trends were assessed using several years of data which may not reflect current conditions within the plume. For this reason, trends in this report are based upon data collected during the last two years of monitoring using the GSI Mann-Kendall Toolkit (GSI-MKT, 2012) as these trends reflect current plume geochemistry and may be a better indicator of future plume behavior.

Please note, due to the limitations of the GSI-MKT, constituents exhibiting concentrations less than the laboratory RL are depicted on the GSI-MKT for Constituent Trend Analysis spreadsheet at the laboratory RL. Care must be exercised when interpreting trend analysis when non-detect results are included in the trend analysis, particularly where there are multiple non-detect results and RLs vary over time. In such cases, it is possible that the Mann-Kendall Trend Analysis may indicate an increasing or decreasing trend for a constituent when, in reality, the concentration of the constituent at the particular well is stable or no trend exists. In these instances, the GSI-MKT user's guide suggests that the constituent concentration trend in the well be designated as "stable" or no trend and not rely on the trend predicted by the Mann-Kendall analysis.

Quarterly results and trend analyses for each of the constituents analyzed during 2024 are summarized below.

For the 1st quarter of 2024 the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor well MW-1 to 6.85 mg/L for monitor well MW-24.

For the 2nd quarter, the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor well MW-1 to 8.01 mg/L for monitor well MW-24.

For the 3rd quarter, the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor well MW-1 and MW-2 to 6.5 mg/L for monitor well MW-24.

For the 4th quarter, the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor well MW-1 and MW-2 to 7.68 mg/L for monitor well MW-24.

Please reference Table 7 for GSI-MKT benzene results. Analytical benzene data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows "No Trend", "Increasing", "Probably Decreasing", "Stable", "Increasing", and "Probably Increasing".

For the 1st quarter of 2024, the analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-1, MW-2, and recovery well RW-2 to 0.00394 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-1 and MW-2 to 0.00597 mg/L for monitor well MW-24.

For the 3rd quarter, the analytical results for concentrations of toluene were less than the applicable laboratory RL for monitor wells MW-1, MW-6, MW-2, MW-4, and MW—24 and at recovery well RW-2.

For the 4th quarter, the analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-1 and MW-2 to 0.00484 mg/L for monitor well MW-24.

Please reference Table 8 for GSI-MKT toluene results. Analytical toluene data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “No Trend”, “No Trend”, “No Trend”, “No Trend”, “No Trend”, and “No Trend”.

For the 1st quarter of 2024, the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-1,MW-6, and MW-2, to 0.306 mg/L for monitor well MW-24.

For the 2nd quarter, the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-1, and MW-2 to 0.262 mg/L for monitor well MW-24.

For the 3rd quarter, the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-1, MW6, MW-2, and MW-4 to 0.34 mg/L for monitor well MW-24.

For the 4th quarter, the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-1 and MW-2 to 0.211 mg/L for monitor well MW-24.

Please reference Table 9 for GSI-MKT ethylbenzene results. Analytical ethylbenzene data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “No Trend”, “No Trend”, “No Trend”, “Stable”, “Decreasing”, and “Probably Increasing”.

For the 1st quarter of 2024, the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-1, MW-6, and MW-2 to 0.162 mg/L for monitor well MW-24.

For the 2nd quarter, the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-1 and MW-2 to 0.20896 mg/L for monitor well MW-24.

For the 3rd quarter the analytical results for concentrations of xylene were less than the applicable laboratory RL for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24,and in recovery well RW-2.

For the 4th quarter the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-1 and MW-2 to 0.0763 mg/L for monitor well MW-4.

Please reference Table 10 for GSI-MKT xylene results. Analytical xylene data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “No Trend”, “No Trend”, “No Trend”, “Stable”, “Stable”, and “Increasing”.

For the 1st quarter the analytical results for concentrations of TOC ranged from 13.3 mg/L for monitor well MW-2 to 102 mg/L for monitor well MW-24.

For the 2nd quarter the analytical results for concentrations of TOC ranged from 16.2 mg/L for monitor well MW-2 to 105 mg/L for monitor well MW-24.

For the 3rd quarter the analytical results for concentrations of TOC ranged from 11.9 mg/L for monitor well MW-2 to 101 mg/L for monitor well MW-24.

For the 4th quarter the analytical results for concentrations of TOC ranged from 11.9 mg/L at monitoring well MW-2 to 126 mg/L for monitor well MW-24.

Please reference Table 11 for GSI-MKT TOC results. Analytical TOC data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “No Trend”, “Increasing”, “Stable”, “Stable”, “Stable”, and “No Trend”.

For the 1st quarter of 2024, the analytical results for concentrations of Dissolved Methane ranged from 0.00113 mg/L for monitor well MW-1 to 0.93 mg/L for monitor well MW-4.

For the 2nd quarter, the analytical results for concentrations of Dissolved Methane ranged from 0.00123 mg/L for monitor well MW-1 to 0.951 mg/L for monitor well MW-24.

For the 3rd quarter the analytical results for concentrations of Dissolved Methane ranged from 0.00120 mg/L for monitor well MW-1 to 0.797 mg/L for monitor well MW-24.

For the 4th quarter the analytical results for concentrations of Dissolved Methane ranged from 0.00198 mg/L for monitor well MW-1 to 1.15 mg/L for monitor well MW-24.

Please reference Table 12 for GSI-MKT Dissolved Methane results. Analytical TOC data for the previous nine (9) quarters was entered into the GSI-MKT for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “No Trend”, “No Trend”, “Stable”, “Stable”, “Stable”, and “No Trend”.

For the 1st quarter of 2024, the analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-1,MW-6, and MW-2 to 0.00869 mg/L for monitor well MW-24.

For the 2nd quarter, the analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor well MW-2 to 0.00697 mg/L for monitor well MW-24.

For the 3rd quarter, the analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-1, MW-6, MW-2 and recovery well RW-2 to 0.01 mg/L for monitor well MW-24.

For the 4th quarter, the analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-1, MW-6, and MW-2 to 0.017 mg/L for monitor well MW-24.

Please reference Table 13 for GSI-MKT Dissolved Ethane results. Analytical Dissolved Ethane data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “Stable”, “Stable”, “Stable”, “No Trend”, “Increasing”, and “Decreasing”.

For the 1st quarter of 2024, the analytical results for concentrations of Dissolved Ethene were less than the applicable laboratory RL for monitor wells MW-1, MW-6, MW-2, MW-4, and MW-24 and recovery well RW-2.

For the 2nd quarter the analytical results for concentrations of Dissolved Ethene ranged from less than the applicable laboratory RL for monitor wells MW-1, MW-6, MW-2, MW-4, and MW-24 and recovery well RW-2.

For the 3rd quarter the analytical results for concentrations of Dissolved Ethene were less than the applicable laboratory RL for monitor wells MW-1, MW-6, MW-2, MW-4, and MW-24 and recovery well RW-2.

For the 4th quarter the analytical results for concentrations of Dissolved Ethene were less than the applicable laboratory RL for monitor wells MW-1, MW-6, MW-2, MW-4, and MW-24 and recovery well RW-2.

Please reference Table 14 for GSI-MKT Dissolved Ethene results. Analytical Dissolved Ethene data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “Stable”, “No Trend”, “Stable”, “Stable”, “No Trend”, and “Stable”.

For the 1st quarter of 2024, the analytical results for concentrations of Dissolved Iron (filtered) were less than the appliable laboratory RL for monitor wells MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 to 0.406 mg/L at MW-1

For the 2nd quarter, the analytical results for concentrations of Dissolved Iron (filtered) were less than the appliable laboratory RL for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2

For the 3rd quarter, the analytical results for concentrations of Dissolved Iron (filtered) ranged from less than the appliable laboratory RL for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2

For the 4th quarter, the analytical results for concentrations of Dissolved Iron (filtered) were less than the appliable laboratory RL for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2

Please reference Table 15 for GSI-MKT Dissolved Iron (filtered) results. Analytical Dissolved Iron data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “Stable”, “Stable”, “No Trend”, “To Trend”, “Stable”, and “Stable”.

For the 1st quarter of 2024, the analytical results for concentrations of Dissolved Manganese (filtered) ranged from below the applicable laboratory RL for monitor wells MW-4 and MW-24 to 0.454 mg/L for monitor well MW-2.

For the 2nd quarter, the analytical results for concentrations of Dissolved Manganese (filtered) ranged from less than the appliable laboratory RL for monitor wells MW-4 and MW-24 to 0.0443 mg/L for recovery well MW-2.

For the 3rd quarter, the analytical results for concentrations of Dissolved Manganese (filtered) ranged from less than the appliable laboratory RL for monitor well MW-24 to 0.0353 mg/L for monitor well MW-2.

For the 4th quarter, the analytical results for concentrations of Dissolved Manganese (filtered) ranged from less than the appliable laboratory RL for monitor wells MW-4 and MW-24 to 0.0413 mg/L for monitor well RW-2.

Please reference Table 16 for GSI-MKT Dissolved Manganese (filtered) results. Analytical Dissolved Manganese data for the previous eight 8) quarters was entered into the GSI-MKT for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows "No Trend", "Stable", "No Trend", "No Trend", "Decreasing", and "Stable". It should be noted that all but one result for MW-24 were not detected for Dissolved Manganese for monitor wells MW-24. Therefore, the decreasing trend predicted for this monitor well reflects the trend of the detection limits and not the actual concentration of xylene. On this basis and in accordance with the user's guide for the GSI-MKT, the concentration of Dissolved Manganese in this well were judged to exhibit "No Trend".

For the 1st quarter of 2024, the analytical results for concentrations of Nitrate ranged from less than the appliable laboratory RL for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2.

For the 2nd quarter, the analytical results for concentrations of Nitrate ranged from less than the appliable laboratory RL for monitor wells MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 to 0.988 mg/l in monitor well MW-1.

For the 3rd quarter, the analytical results for concentrations of Nitrate ranged from 4.52 mg/L for monitor well MW-4 to 9.68 mg/L for monitor well MW-1.

For the 4th quarter, the analytical results for concentrations of Nitrate ranged from less than the appliable laboratory RL for monitor wells MW-6, MW-2, MW-4, and MW-24, to 0.781 mg/L for monitor well MW-1.

Please reference Table 17 for GSI-MKT Nitrate results. Analytical Nitrate data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows "No Trend", "No Trend", "No Trend", "No Trend", "No Trend", and "No Trend".

For the 1st quarter of 2024, the analytical results for concentrations of Sulfate ranged from 657 mg/L monitor well MW-24 to 4,190 mg/L for monitor well MW-6.

For the 2nd quarter, the analytical results for concentrations of Sulfate ranged from 749 mg/L monitor well MW-24 to 7,790 mg/L for monitor well MW-6.

For the 3rd quarter, the analytical results for concentrations of Sulfate ranged from 621 mg/L monitor well MW-24 to 4,400 mg/L for monitor wells MW-1 and MW-6.

For the 4th quarter, the analytical results for concentrations of Sulfate ranged from 813 mg/L monitor well MW-24 to 4,290 mg/L for monitor well MW-6.

Please reference Table 18 for GSI-MKT Sulfate results. Analytical Sulfate data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-1, MW-6, MW-2, MW-

4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “Stable”, “Decreasing”, “Probably Decreasing”, “Stable”, “Probably Decreasing”, and “Probably Decreasing”.

For the 1st quarter of 2024, the analytical results for concentrations of COD ranged 60 mg/L for monitor well MW-6 to 569 mg/L for monitor well MW-24.

For the 2nd quarter, the analytical results for concentrations of COD ranged 50 mg/L for monitor well MW-2 to 398 mg/L for monitor well MW-24.

For the 3rd quarter, the analytical results for concentrations of COD ranged 138 mg/L for monitor well MW-2 to 2,040 mg/L for monitor well MW-6.

For the 4th quarter, the analytical results for concentrations of COD ranged 1.6 mg/L for recovery well RW-2 to 95 mg/L for monitor well MW-1.

Please reference Table 19 for GSI-MKT COD results. Analytical COD data for the previous nine (9) quarters was entered into the GSI-MKT for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “No Trend”, “No Trend”, “Stable”, “Probably Decreasing”, “Probably Decreasing”, and “Stable”.

SUMMARY

This report presents the results of monitoring activities for the 2024 annual monitoring period. Currently, there are twenty-seven (27) groundwater monitor wells (MW-1 through MW-30, excluding MW-13, MW-19, and MW-29, which have been plugged and abandoned) and two (2) PSH recovery wells (RW-1 and RW-2) onsite. Manual over-pumping of wells exhibiting elevated hydrocarbon concentrations occurs on a monthly schedule.

The most recent Groundwater Gradient Map, Figure 2D, indicated a general gradient of 0.0055 feet/foot in a southeast direction as measured between monitor wells MW-5 and MW-4. Groundwater Gradient Maps generated during the 1st, 2nd, and 3rd quarters of the reporting period indicated a gradient ranging from 0.0054 feet/foot to 0.0062 feet/foot in a southeast direction. The corrected groundwater elevations ranged between 3,464.49 to 3,472.67 feet above mean sea level, in monitor well MW-27 on August 29, 2024, and in monitor well MW-1 on May 3, 2024, respectively.

Measurable thicknesses of PSH ranging from 0.39 feet to 1.00 feet were detected in monitor well MW-5 during the 2024 reporting period. Measurable thicknesses of PSH ranging from 0.63 feet to 2.35 feet was detected in monitor well MW-7 during the 2024 reporting period. Measurable thicknesses of PSH ranging from 0.15 feet to 0.50 feet were detected in recovery well RW-2 during the reporting period. The maximum PSH thickness of all wells containing PSH was 2.35 feet and was recorded on August 30, 2024, in monitor well MW-7 and is shown on Table 1. The

average thickness of PSH in monitor and recovery wells exhibiting PSH was less than 1.14 feet during the reporting period. Approximately 29.6 gallons (0.70 barrels) of PSH was recovered from the Site during the 2024 reporting period. A total of approximately 1,451.84 gallons (34.56 barrels) of PSH has been recovered since project inception.

Review of the laboratory analytical results indicated fifteen (15) monitor wells exhibited BTEX constituent concentrations below the NMOCD regulatory guideline during the 4th quarter 2024 sampling event. Analytical results of groundwater samples collected indicated PAH concentrations appear to be fluctuating in the sampled monitor and recovery wells.

ANTICIPATED ACTIONS

Quarterly monitoring and groundwater sampling will continue in 2024. Manual over-pumping of selected monitor and recovery wells will occur monthly and will be adjusted according to site conditions. An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2025.

Based on the results of the PAH analysis over the past several years, further PAH analysis will be conducted only on those monitor and recovery wells (MW-4 through MW-7, MW-10, MW-17, MW-18, and RW-1 and RW-2) which have historically exhibited elevated constituents near or above the NMWQCC standards.

Low-flow sampling of MNA parameters will be conducted on monitor wells MW-1, MW-6, MW-2, MW-4, and MW-24 and recovery well RW-2 during each quarterly sampling event. Unforeseen circumstances may require modification of this sampling event.

LIMITATIONS

TRC has prepared this 2024 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

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Environmental Specialist-Advanced
New Mexico Oil Conservation Division
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Aztec, New Mexico 87410

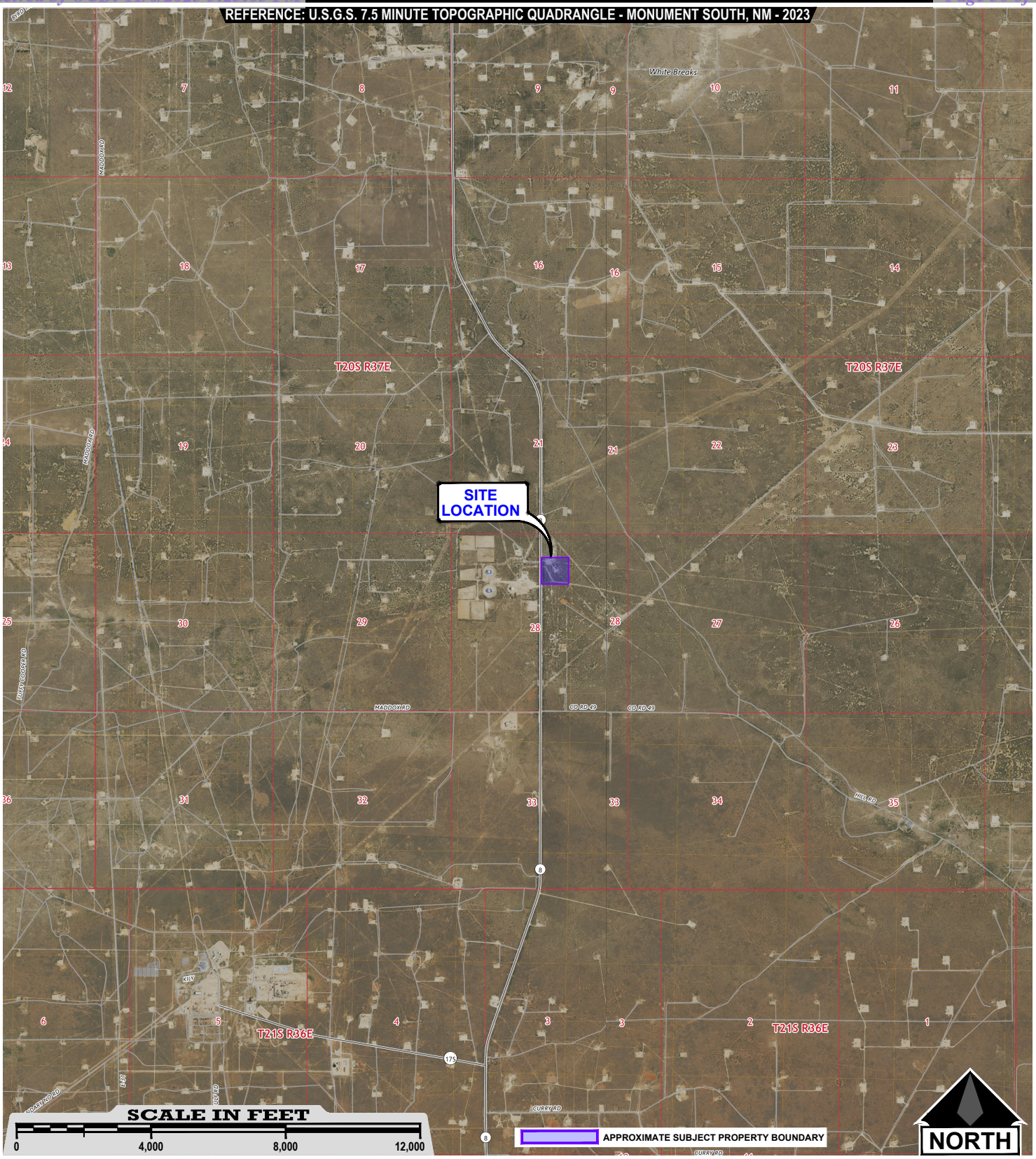
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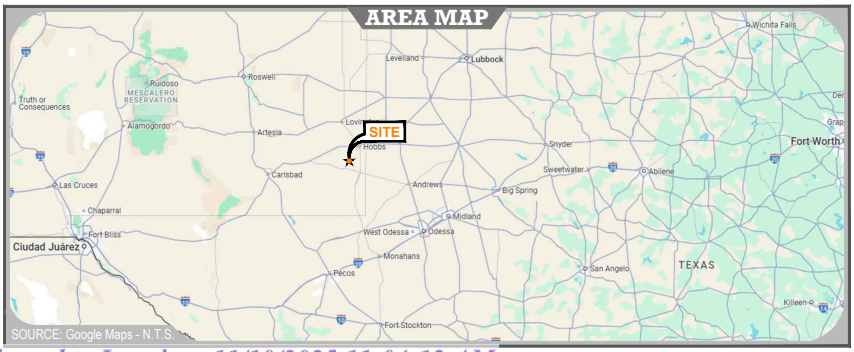
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cdstanley@trccompanies.com

FIGURES

REFERENCE: U.S.G.S. 7.5 MINUTE TOPOGRAPHIC QUADRANGLE - MONUMENT SOUTH, NM - 2023





CLIENT / PROJECT

PLAINS PIPELINE, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

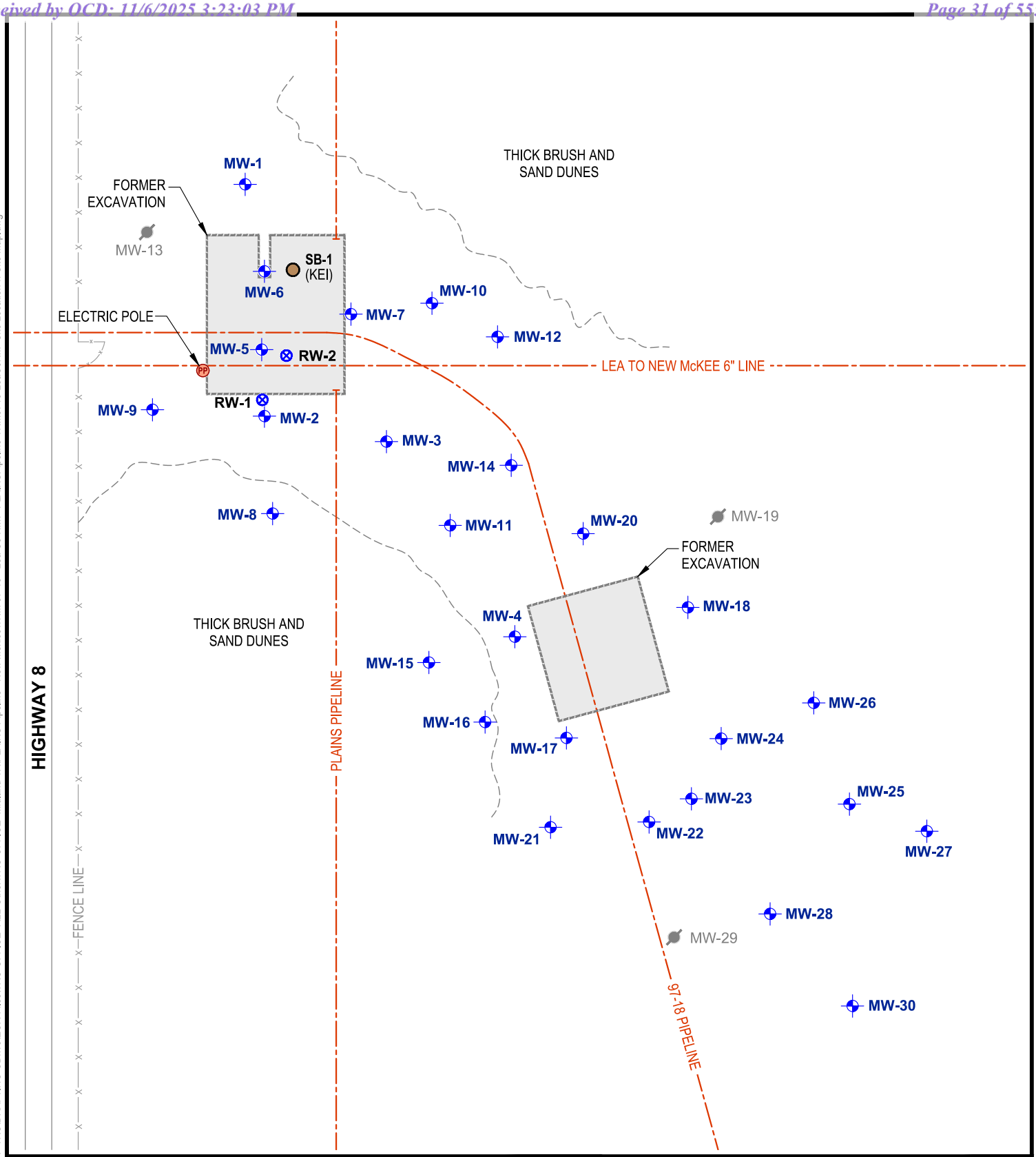
TITLE

SITE LOCATION MAP

DRAWN BY: E. Alexander	REQUEST BY: J. Fergerson	PROJECT NO. 014179
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	

TRC
10 DESTA DRIVE, STE. 150E
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FIGURE 1



LEGEND

- PIPELINE
- MONITOR WELL LOCATION
- P & A WELL LOCATION (09/2005)
- RECOVERY WELL LOCATION
- SOIL BORING
- FORMER EXCAVATION AREAS

N

0 50' 100'

SCALE IN FEET
1" = 100'-0"

CLIENT / PROJECT

PLAINS PIPELINE, L.P.
TNM 97-18
Lea County, New Mexico

TITLE

SITE MAP

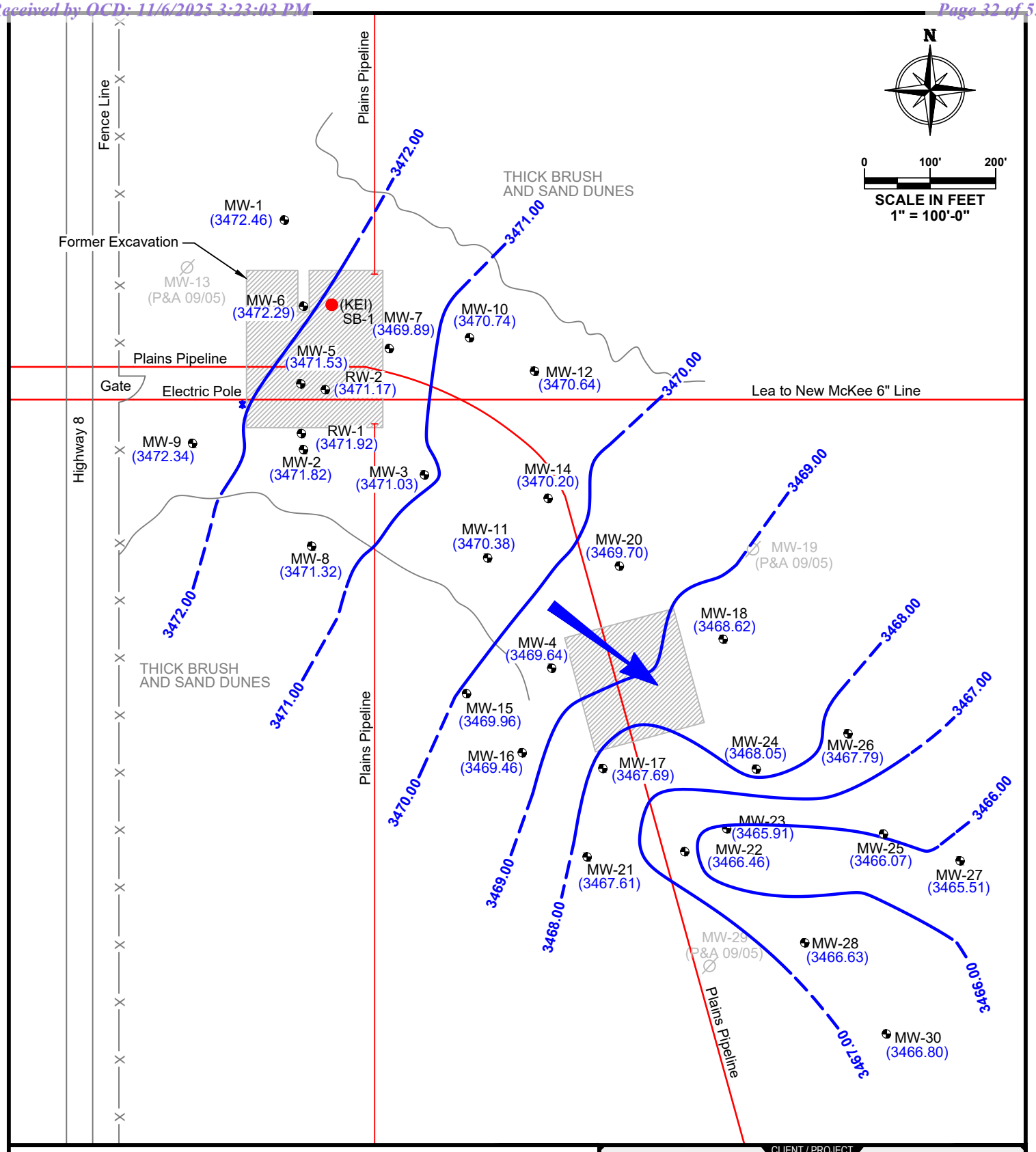
DRAWN BY: O. Fonseka	REQUEST BY: J. Repman	PROJECT NO. 014179
DWG. DATE: October 2025	PROJECT-MGR: J. Fergerson	

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FIGURE 2

LAST EDIT: 10/06/2025 - FILE LOCATION: HOU C:\OF-TRC\DRAFTING-CDrive\ECR-Files\TRC-OFFICE- ALL-Other\TRC-OFFICE- Midland-TX\PLAINS Pipeline - New Mexico\TNM 97-18 - Lea Co-NM\ PLAINSPipeline-TNM9718-LeaCoNM- Site Location-n-Site Map.dwg

DRAWING By: OSKAR Fonseka - FILE NAME: PLAINSPipeline-TNM9718-LeaCoNM- Site Location-n-Site Map.dwg



LEGEND:

- MONITOR WELL LOCATION
- PLUGGED AND ABANDONED
- FENCE
- PIPELINE
- FORMER EXCAVATION LIMITS
- 0000.00 GROUNDWATER CONTOUR LINE (DASHED WHERE INFERRED) CONTOUR INTERVAL = 1.00 FOOT
- (3920.85) GROUNDWATER ELEVATION (FT MSL)
- (NS) NOT SAMPLED
- GROUNDWATER FLOW DIRECTION

NOTES

1. MW-7 NOT HONORED FOR CONTOURING

CLIENT / PROJECT

PLAINS PIPELINE, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

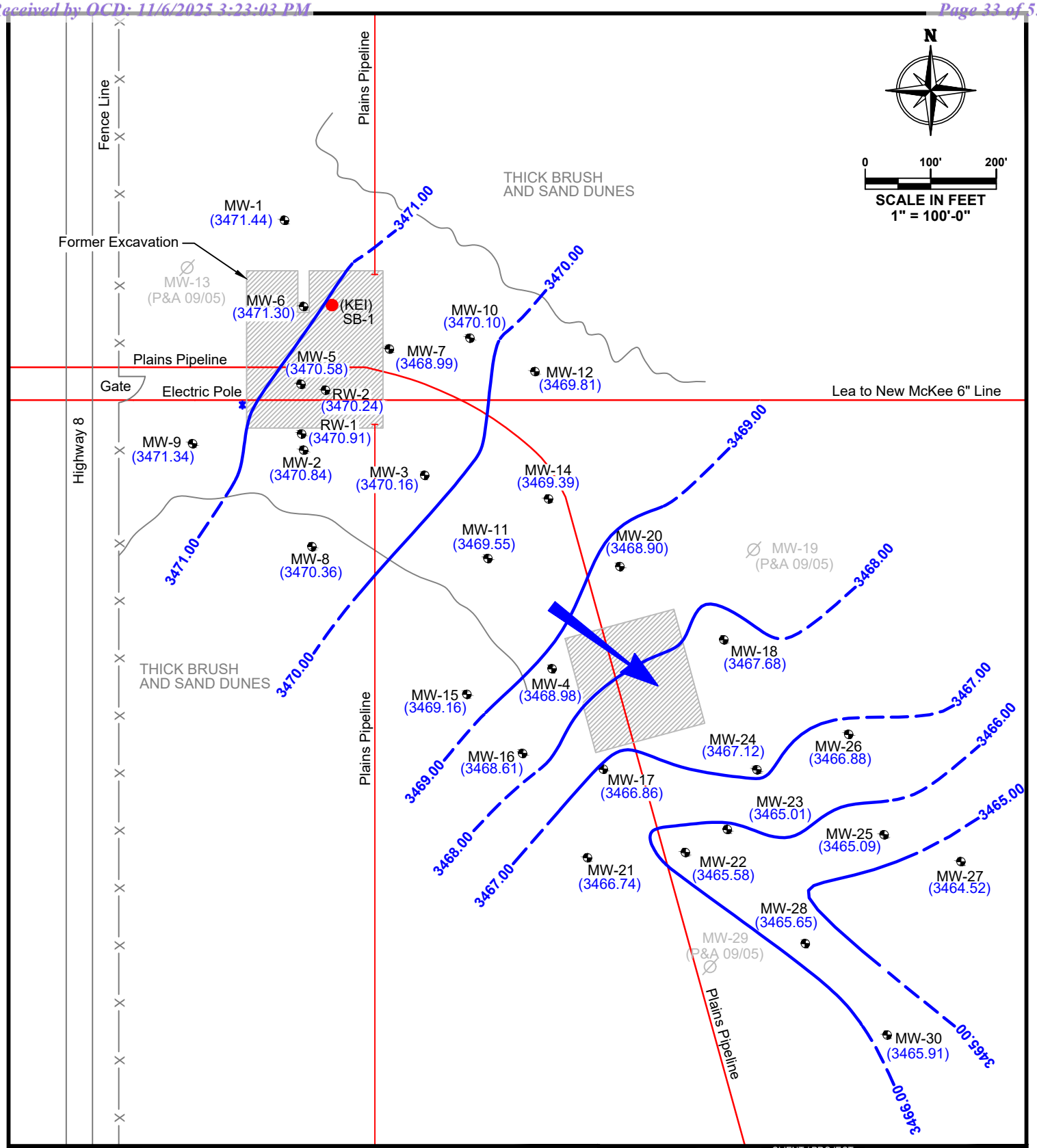
TITLE

INFERRED GROUNDWATER GRADIENT MAP (MARCH 25, 2024)

DRAWN BY: E. Alexander	REQUEST BY: J. Fergerson	PROJECT NO. 014179
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	

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FIGURE 2A



LEGEND:

- MONITOR WELL LOCATION
- PLUGGED AND ABANDONED
- FENCE
- PIPELINE
- FORMER EXCAVATION LIMITS
- 0000.00 GROUNDWATER CONTOUR LINE (DASHED WHERE INFERRED) CONTOUR INTERVAL = 1.00 FOOT
- (3920.85) GROUNDWATER ELEVATION (FT MSL)
- (NS) NOT SAMPLED
- GROUNDWATER FLOW DIRECTION

NOTES

1. MW-7 NOT HONORED FOR CONTOURING

CLIENT / PROJECT

PLAINS PIPELINE, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

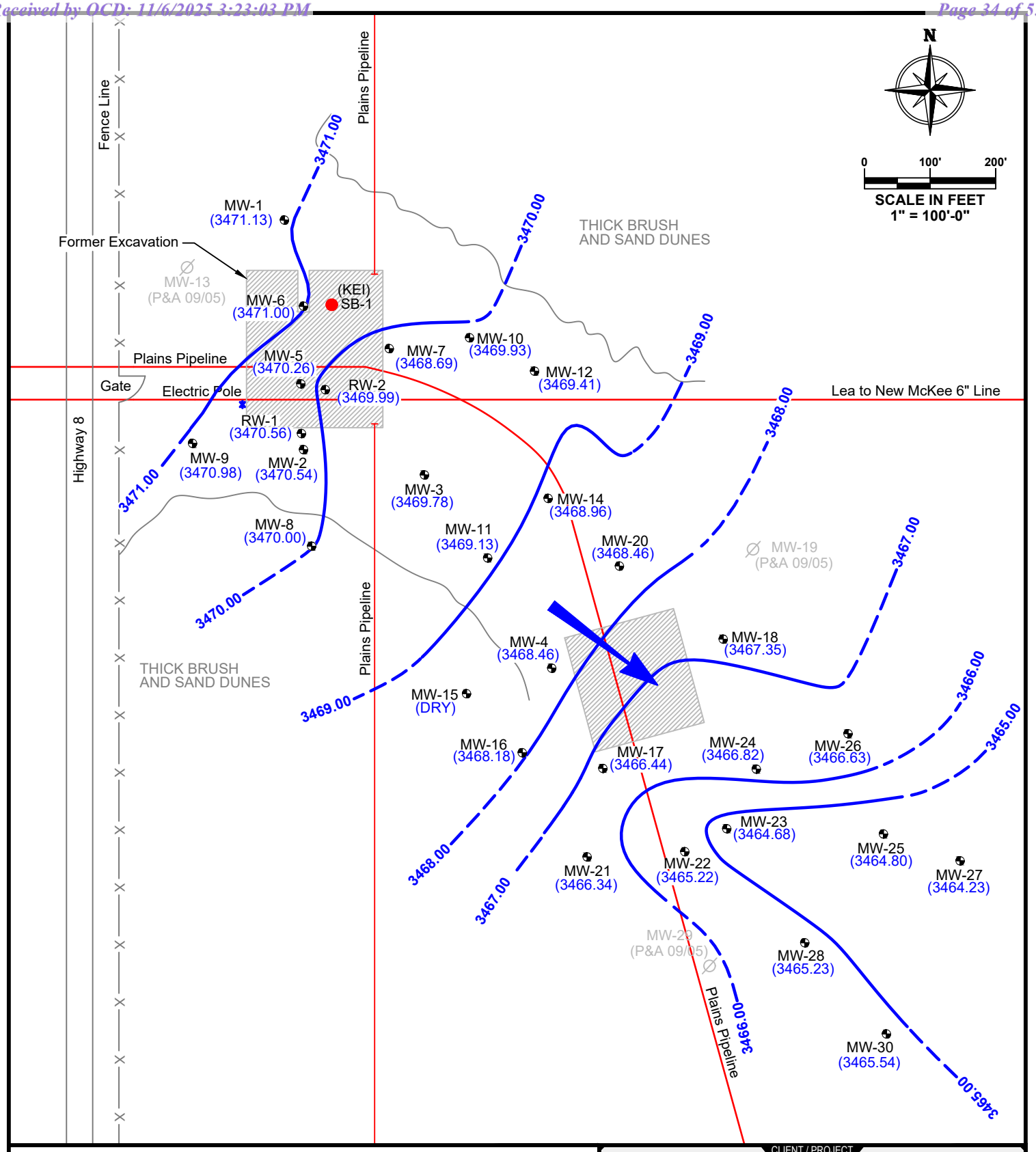
TITLE

INFERRED GROUNDWATER GRADIENT MAP (JUNE 19, 2024)

DRAWN BY: E. Alexander	REQUEST BY: J. Fergerson	PROJECT NO. 014179
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	

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FIGURE 2B



LEGEND:

- MONITOR WELL LOCATION
- PLUGGED AND ABANDONED
- FENCE
- PIPELINE
- FORMER EXCAVATION LIMITS
- 0000.00 GROUNDWATER CONTOUR LINE (DASHED WHERE INFERRED) CONTOUR INTERVAL = 1.00 FOOT
- (3920.85) GROUNDWATER ELEVATION (FT MSL)
- (NS) NOT SAMPLED
- GROUNDWATER FLOW DIRECTION

NOTES

1. MW-7 NOT HONORED FOR CONTOURING

CLIENT / PROJECT

PLAINS PIPELINE, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

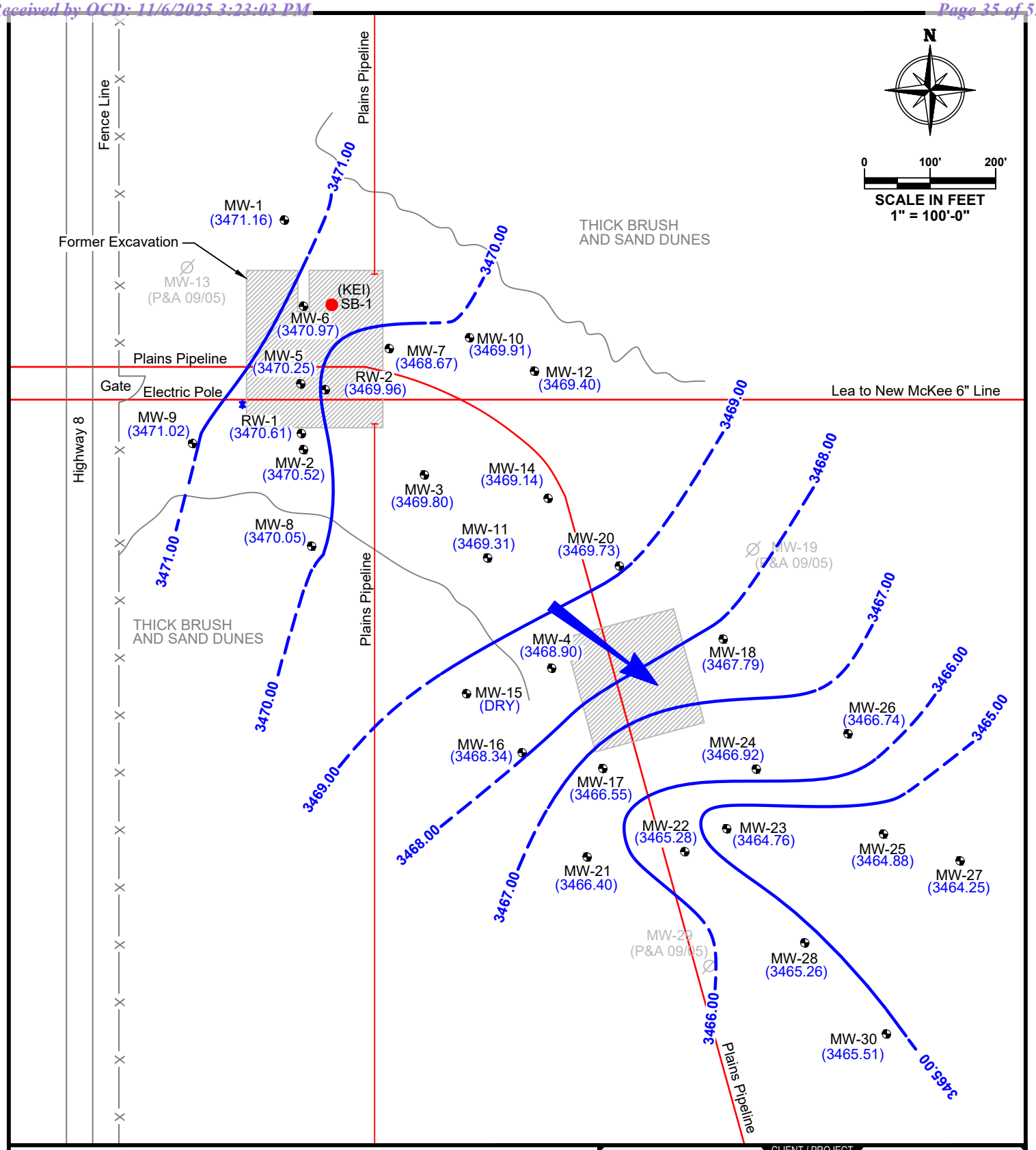
TITLE

INFERRED GROUNDWATER GRADIENT MAP (SEPTEMBER 10, 2024)

DRAWN BY: E. Alexander	REQUEST BY: J. Fergerson	PROJECT NO. 014179
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	

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FIGURE 2C



LEGEND:

- MONITOR WELL LOCATION
- PLUGGED AND ABANDONED
- FENCE
- PIPELINE
- FORMER EXCAVATION LIMITS
- 0000.00 GROUNDWATER CONTOUR LINE (DASHED WHERE INFERRED) CONTOUR INTERVAL = 1.00 FOOT
- (3920.85) GROUNDWATER ELEVATION (FT MSL)
- (NS) NOT SAMPLED
- GROUNDWATER FLOW DIRECTION

NOTES

1. MW-7 NOT HONORED FOR CONTOURING

CLIENT / PROJECT

PLAINS PIPELINE, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

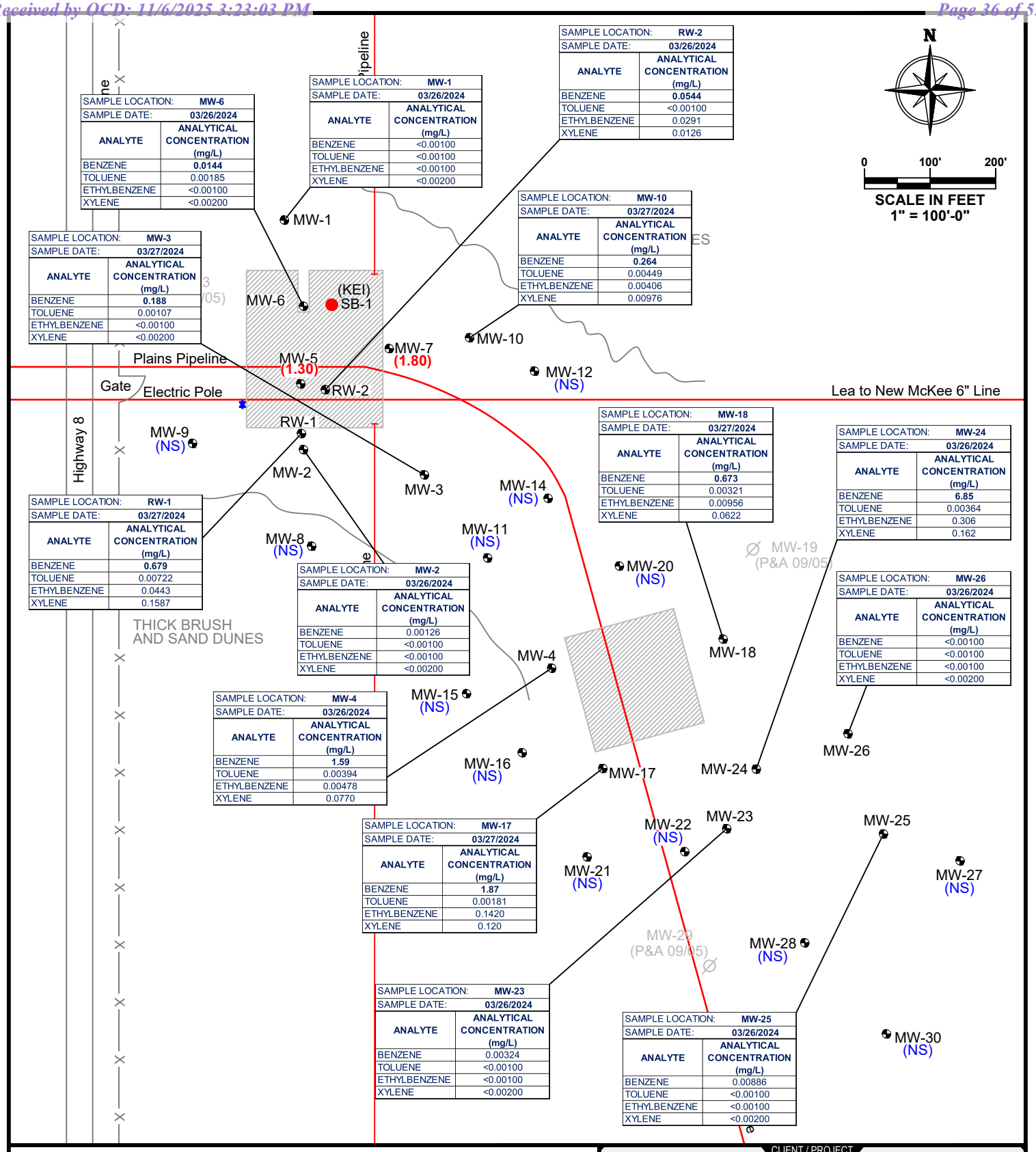
TITLE

INFERRED GROUNDWATER GRADIENT MAP (NOVEMBER 13, 2024)

DRAWN BY: E. Alexander	REQUEST BY: J. Fergerson	PROJECT NO. 014179
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	

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FIGURE **2D**



SAMPLE LOCATION:	MW-6
SAMPLE DATE:	03/26/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.0144**
TOLUENE	0.00185
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-1
SAMPLE DATE:	03/26/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	RW-2
SAMPLE DATE:	03/26/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.0544**
TOLUENE	<0.00100
ETHYLBENZENE	0.0291
XYLENE	0.0126

SAMPLE LOCATION:	MW-3
SAMPLE DATE:	03/27/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.188**
TOLUENE	0.00107
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-10
SAMPLE DATE:	03/27/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.264**
TOLUENE	0.00449
ETHYLBENZENE	0.00406
XYLENE	0.00976

SAMPLE LOCATION:	RW-1
SAMPLE DATE:	03/27/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.679**
TOLUENE	0.00722
ETHYLBENZENE	0.0443
XYLENE	0.1587

SAMPLE LOCATION:	MW-2
SAMPLE DATE:	03/26/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.00126
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-4
SAMPLE DATE:	03/26/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**1.59**
TOLUENE	0.00394
ETHYLBENZENE	0.00478
XYLENE	0.0770

SAMPLE LOCATION:	MW-17
SAMPLE DATE:	03/27/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**1.87**
TOLUENE	0.00181
ETHYLBENZENE	0.1420
XYLENE	0.120

SAMPLE LOCATION:	MW-18
SAMPLE DATE:	03/27/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.673**
TOLUENE	0.00321
ETHYLBENZENE	0.00956
XYLENE	0.0622

SAMPLE LOCATION:	MW-24
SAMPLE DATE:	03/26/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**6.85**
TOLUENE	0.00364
ETHYLBENZENE	0.306
XYLENE	0.162

SAMPLE LOCATION:	MW-26
SAMPLE DATE:	03/26/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-23
SAMPLE DATE:	03/26/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.00324
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-25
SAMPLE DATE:	03/26/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.00886
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

LEGEND:

- MONITOR WELL LOCATION
- PLUGGED AND ABANDONED
- FENCE
- PIPELINE
- FORMER EXCAVATION LIMITS
- (1.00) PSH THICKNESS
- (NS) NOT SAMPLED

CLIENT / PROJECT

PLAINS PIPELINE, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

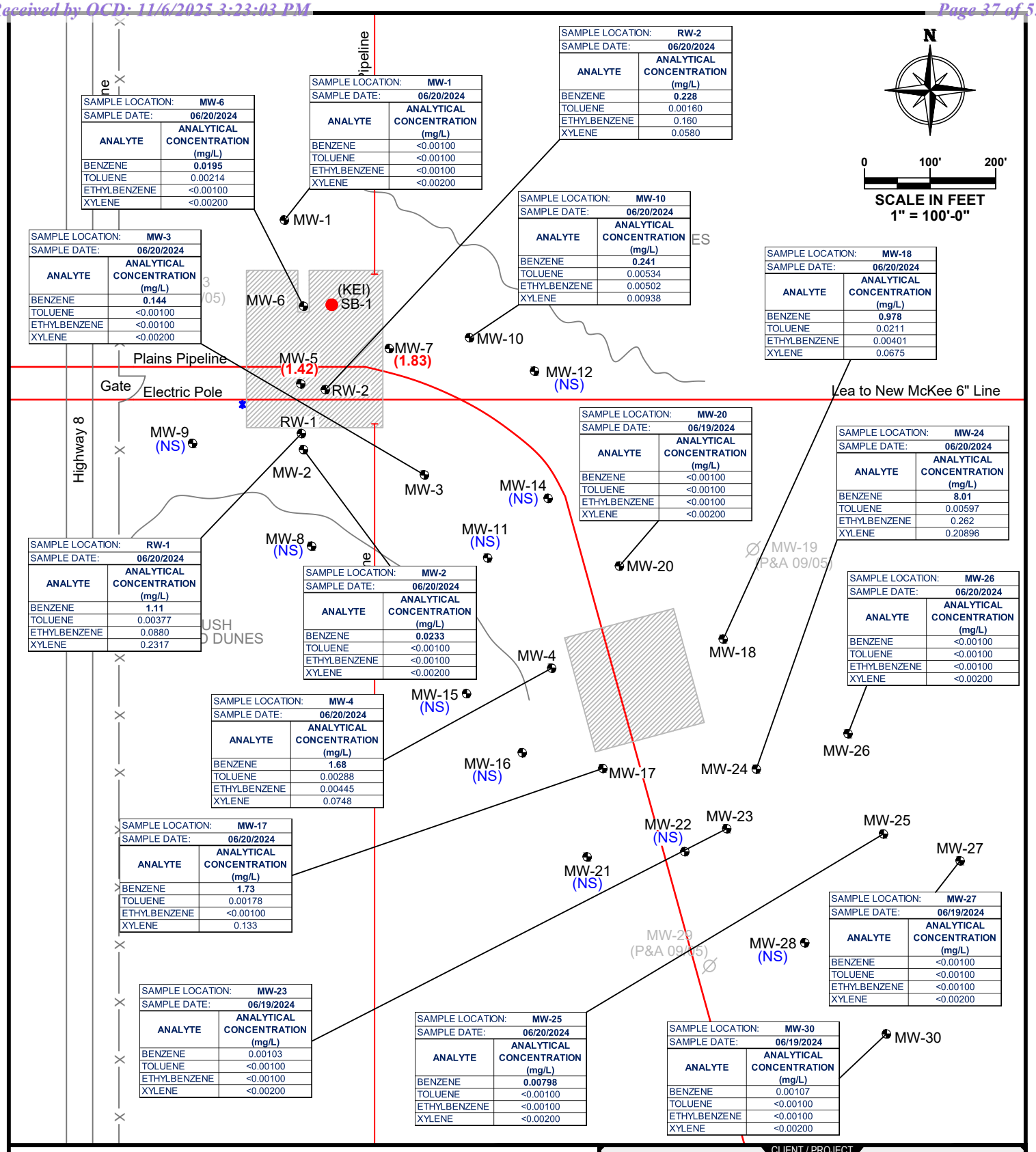
TITLE

GROUNDWATER CONCENTRATION AND INFERRED PSH EXTENT MAP (MARCH 26-27, 2024)

DRAWN BY: E. Alexander	REQUEST BY: J. Fergerson	PROJECT NO. 014179
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	

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FIGURE **3A**



SAMPLE LOCATION:	MW-6
SAMPLE DATE:	06/20/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.0195**
TOLUENE	0.00214
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-1
SAMPLE DATE:	06/20/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	RW-2
SAMPLE DATE:	06/20/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.228**
TOLUENE	0.00160
ETHYLBENZENE	0.160
XYLENE	0.0580

SAMPLE LOCATION:	MW-3
SAMPLE DATE:	06/20/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.144**
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-10
SAMPLE DATE:	06/20/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.241**
TOLUENE	0.00534
ETHYLBENZENE	0.00502
XYLENE	0.00938

SAMPLE LOCATION:	MW-18
SAMPLE DATE:	06/20/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.978**
TOLUENE	0.0211
ETHYLBENZENE	0.00401
XYLENE	0.0675

SAMPLE LOCATION:	MW-20
SAMPLE DATE:	06/19/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-24
SAMPLE DATE:	06/20/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**8.01**
TOLUENE	0.00597
ETHYLBENZENE	0.262
XYLENE	0.20896

SAMPLE LOCATION:	RW-1
SAMPLE DATE:	06/20/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**1.11**
TOLUENE	0.00377
ETHYLBENZENE	0.0880
XYLENE	0.2317

SAMPLE LOCATION:	MW-2
SAMPLE DATE:	06/20/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.0233**
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-26
SAMPLE DATE:	06/20/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-4
SAMPLE DATE:	06/20/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**1.68**
TOLUENE	0.00288
ETHYLBENZENE	0.00445
XYLENE	0.0748

SAMPLE LOCATION:	MW-17
SAMPLE DATE:	06/20/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**1.73**
TOLUENE	0.00178
ETHYLBENZENE	<0.00100
XYLENE	0.133

SAMPLE LOCATION:	MW-27
SAMPLE DATE:	06/19/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-23
SAMPLE DATE:	06/19/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.00103
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-25
SAMPLE DATE:	06/20/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.00798**
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-30
SAMPLE DATE:	06/19/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.00107
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

LEGEND:

- MONITOR WELL LOCATION
- PLUGGED AND ABANDONED
- FENCE
- PIPELINE
- FORMER EXCAVATION LIMITS
- (1.00) PSH THICKNESS
- (NS) NOT SAMPLED

CLIENT / PROJECT

PLAINS PIPELINE, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

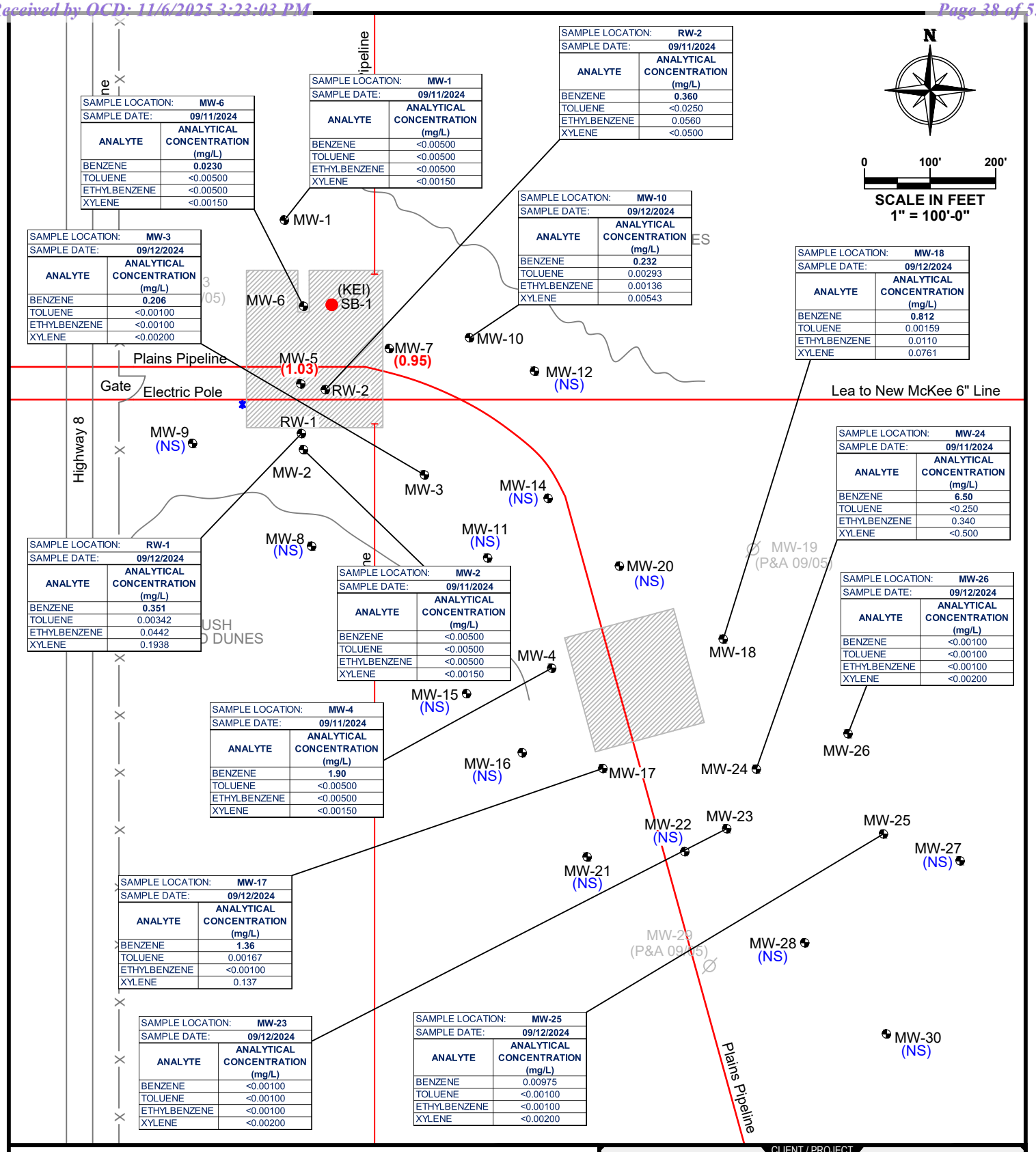
TITLE

GROUNDWATER CONCENTRATION AND INFERRED PSH EXTENT MAP (JUNE 19-20, 2024)

DRAWN BY: E. Alexander	REQUEST BY: J. Fergerson	PROJECT NO. 014179
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	

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FIGURE **3B**



SAMPLE LOCATION:	MW-6
SAMPLE DATE:	09/11/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.0230
TOLUENE	<0.00500
ETHYLBENZENE	<0.00500
XYLENE	<0.00150

SAMPLE LOCATION:	MW-1
SAMPLE DATE:	09/11/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00500
TOLUENE	<0.00500
ETHYLBENZENE	<0.00500
XYLENE	<0.00150

SAMPLE LOCATION:	RW-2
SAMPLE DATE:	09/11/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.360
TOLUENE	<0.0250
ETHYLBENZENE	0.0560
XYLENE	<0.0500

SAMPLE LOCATION:	MW-3
SAMPLE DATE:	09/12/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.206
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-10
SAMPLE DATE:	09/12/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.232
TOLUENE	0.00293
ETHYLBENZENE	0.00136
XYLENE	0.00543

SAMPLE LOCATION:	MW-18
SAMPLE DATE:	09/12/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.812
TOLUENE	0.00159
ETHYLBENZENE	0.0110
XYLENE	0.0761

SAMPLE LOCATION:	RW-1
SAMPLE DATE:	09/12/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.351
TOLUENE	0.00342
ETHYLBENZENE	0.0442
XYLENE	0.1938

SAMPLE LOCATION:	MW-2
SAMPLE DATE:	09/11/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00500
TOLUENE	<0.00500
ETHYLBENZENE	<0.00500
XYLENE	<0.00150

SAMPLE LOCATION:	MW-24
SAMPLE DATE:	09/11/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	6.50
TOLUENE	<0.250
ETHYLBENZENE	0.340
XYLENE	<0.500

SAMPLE LOCATION:	MW-26
SAMPLE DATE:	09/12/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-4
SAMPLE DATE:	09/11/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	1.90
TOLUENE	<0.00500
ETHYLBENZENE	<0.00500
XYLENE	<0.00150

SAMPLE LOCATION:	MW-17
SAMPLE DATE:	09/12/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	1.36
TOLUENE	0.00167
ETHYLBENZENE	<0.00100
XYLENE	0.137

SAMPLE LOCATION:	MW-23
SAMPLE DATE:	09/12/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-25
SAMPLE DATE:	09/12/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.00975
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

LEGEND:

- MONITOR WELL LOCATION
- PLUGGED AND ABANDONED
- FENCE
- PIPELINE
- FORMER EXCAVATION LIMITS
- (1.00) PSH THICKNESS
- (NS) NOT SAMPLED

CLIENT / PROJECT

PLAINS PIPELINE, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

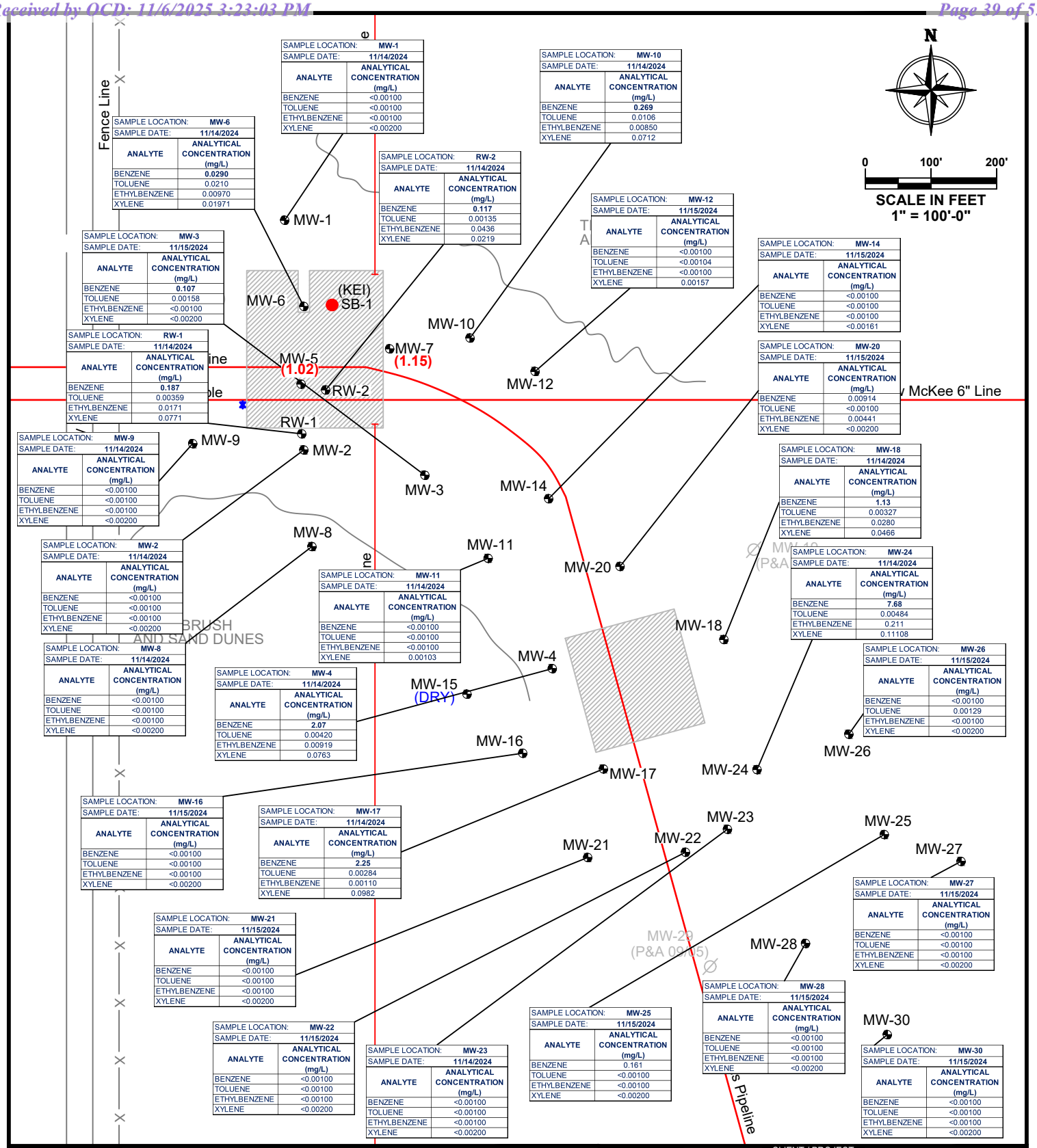
TITLE

GROUNDWATER CONCENTRATION AND INFERRED PSH EXTENT MAP (SEPTEMBER 11-12, 2024)

DRAWN BY: E. Alexander	REQUEST BY: J. Fergerson	PROJECT NO. 014179
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	

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MIDLAND, TEXAS 79705
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FIGURE 3C



SAMPLE LOCATION:	MW-1
SAMPLE DATE:	11/14/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-2
SAMPLE DATE:	11/14/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-3
SAMPLE DATE:	11/15/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.107**
TOLUENE	0.00158
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-4
SAMPLE DATE:	11/14/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**2.07**
TOLUENE	0.00420
ETHYLBENZENE	0.00919
XYLENE	0.0763

SAMPLE LOCATION:	MW-6
SAMPLE DATE:	11/14/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.0290**
TOLUENE	0.0210
ETHYLBENZENE	0.00970
XYLENE	0.01971

SAMPLE LOCATION:	MW-8
SAMPLE DATE:	11/14/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-9
SAMPLE DATE:	11/14/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-10
SAMPLE DATE:	11/14/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.269**
TOLUENE	0.0106
ETHYLBENZENE	0.00850
XYLENE	0.0712

SAMPLE LOCATION:	MW-11
SAMPLE DATE:	11/14/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	0.00103

SAMPLE LOCATION:	MW-12
SAMPLE DATE:	11/15/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00104
ETHYLBENZENE	<0.00100
XYLENE	0.00157

SAMPLE LOCATION:	MW-14
SAMPLE DATE:	11/15/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00161

SAMPLE LOCATION:	MW-15
SAMPLE DATE:	11/14/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.117**
TOLUENE	0.00135
ETHYLBENZENE	0.0436
XYLENE	0.0219

SAMPLE LOCATION:	MW-16
SAMPLE DATE:	11/15/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-17
SAMPLE DATE:	11/14/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**2.25**
TOLUENE	0.00284
ETHYLBENZENE	0.00110
XYLENE	0.0982

SAMPLE LOCATION:	MW-18
SAMPLE DATE:	11/14/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**1.13**
TOLUENE	0.00327
ETHYLBENZENE	0.0280
XYLENE	0.0466

SAMPLE LOCATION:	MW-20
SAMPLE DATE:	11/15/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.00914
TOLUENE	<0.00100
ETHYLBENZENE	0.00441
XYLENE	<0.00200

SAMPLE LOCATION:	MW-21
SAMPLE DATE:	11/15/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-22
SAMPLE DATE:	11/15/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-23
SAMPLE DATE:	11/14/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-24
SAMPLE DATE:	11/14/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**7.68**
TOLUENE	0.00484
ETHYLBENZENE	0.211
XYLENE	0.11108

SAMPLE LOCATION:	MW-25
SAMPLE DATE:	11/15/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.161
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-26
SAMPLE DATE:	11/15/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	0.00129
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-27
SAMPLE DATE:	11/15/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-28
SAMPLE DATE:	11/15/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-30
SAMPLE DATE:	11/15/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

LEGEND:

- MONITOR WELL LOCATION
- PLUGGED AND ABANDONED
- FENCE
- PIPELINE
- FORMER EXCAVATION LIMITS
- (1.00) PSH THICKNESS
- (NS) NOT SAMPLED

CLIENT / PROJECT

PLAINS PIPELINE, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

TITLE

GROUNDWATER CONCENTRATION AND INFERRED PSH EXTENT MAP (NOVEMBER 14-15, 2024)

DRAWN BY: E. Alexander	REQUEST BY: J. Fergerson	PROJECT NO. 014179
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	

TRC
10 DESTA DRIVE, STE. 150E
MIDLAND, TEXAS 79705
PHONE: 432-520-7720
TRCcompanies.com

FIGURE **3D**

TABLES

TABLE 1

2024 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 1	Manny	03/25/24	3500.17	40.24	-	27.71	0.00	3472.46
MW - 1	Manny	06/19/24	3500.17	40.16	-	28.73	0.00	3471.44
MW - 1	Manny	09/10/24	3500.17	40.16	-	29.04	0.00	3471.13
MW - 1	Manny	11/13/24	3500.17	40.11	-	29.01	0.00	3471.16
MW - 2	Manny	03/25/24	3499.19	32.54	-	27.37	0.00	3471.82
MW - 2	Manny	06/19/24	3499.19	32.52	-	28.35	0.00	3470.84
MW - 2	Manny	09/10/24	3499.19	32.52	-	28.65	0.00	3470.54
MW - 2	Manny	11/13/24	3499.19	32.52	-	28.67	0.00	3470.52
MW - 3	Manny	03/25/24	3500.05	39.46	-	29.02	0.00	3471.03
MW - 3	Manny	06/19/24	3500.05	39.45	-	29.89	0.00	3470.16
MW - 3	Manny	09/10/24	3500.05	39.42	-	30.27	0.00	3469.78
MW - 3	Manny	11/13/24	3500.05	39.42	-	30.25	0.00	3469.80
MW - 4	Manny	03/25/24	3498.38	39.48	-	28.74	0.00	3469.64
MW - 4	Manny	06/19/24	3498.38	39.43	-	29.40	0.00	3468.98
MW - 4	Manny	09/10/24	3498.38	39.45	-	29.92	0.00	3468.46
MW - 4	Manny	11/13/24	3498.38	39.40	-	29.48	0.00	3468.90
MW - 5	Manny	03/25/24	3500.12	-	28.40	29.70	1.30	3471.53
MW - 5	Manny	06/19/24	3500.12	-	29.33	30.75	1.42	3470.58
MW - 5	Manny	09/10/24	3500.12	-	29.71	30.74	1.03	3470.26
MW - 5	Manny	11/13/24	3500.12	-	29.72	30.74	1.02	3470.25
MW - 6		03/25/24	3499.82	32.66	-	27.53	0.00	3472.29
MW - 6		06/19/24	3499.82	32.60	-	28.52	0.00	3471.30
MW - 6		09/10/24	3499.82	32.60	-	28.82	0.00	3471.00
MW - 6		11/13/24	3499.82	32.58	28.85	28.88	0.03	3470.97
MW - 7		01/10/24	3498.33	-	28.30	30.92	2.62	3469.64
MW - 7		02/26/24	3498.33	-	28.15	30.27	2.12	3469.86
MW - 7		03/13/24	3498.33	-	28.11	29.86	1.75	3469.96
MW - 7		03/25/24	3498.33	-	28.17	29.97	1.80	3469.89
MW - 7		04/09/24	3498.33	-	28.15	30.17	2.02	3469.88
MW - 7		05/03/24	3498.33	-	28.22	30.01	1.79	3469.84
MW - 7		06/06/24	3498.33	-	28.69	31.00	2.31	3469.29
MW - 7		06/19/24	3498.33	-	29.07	30.90	1.83	3468.99
MW - 7		07/17/24	3498.33	-	28.24	32.02	3.78	3469.52
MW - 7		08/13/24	3498.33	-	29.56	32.06	2.50	3468.40
MW - 7		09/10/24	3498.33	-	29.50	30.45	0.95	3468.69
MW - 7		10/09/24	3498.33	-	29.62	31.30	1.68	3468.46
MW - 7		11/13/24	3498.33	-	29.49	30.64	1.15	3468.67
MW - 7		11/22/24	3498.33	-	29.38	30.25	0.87	3468.82
MW - 7		12/23/24	3498.33	-	29.04	30.19	1.15	3469.12
MW - 8	Manny	03/25/24	3502.23	-	-	30.91	0.00	3471.32
MW - 8	Manny	06/19/24	3502.23	-	-	31.87	0.00	3470.36
MW - 8	Manny	09/10/24	3502.23	-	-	32.23	0.00	3470.00
MW - 8	Manny	11/13/24	3502.23	41.66	-	32.18	0.00	3470.05
MW - 9	Manny	03/25/24	3502.24	-	-	29.90	0.00	3472.34
MW - 9	Manny	06/19/24	3502.24	-	-	30.90	0.00	3471.34
MW - 9	Manny	09/10/24	3502.24	-	-	31.26	0.00	3470.98
MW - 9	Manny	11/13/24	3502.24	46.68	-	31.22	0.00	3471.02
MW - 10	Manny	03/25/24	3499.42	35.54	-	28.68	0.00	3470.74
MW - 10	Manny	06/19/24	3499.42	35.51	-	29.32	0.00	3470.10
MW - 10	Manny	09/10/24	3499.42	35.52	-	29.49	0.00	3469.93
MW - 10	Manny	11/13/24	3499.42	35.52	-	29.51	0.00	3469.91
MW - 11	Manny	03/25/24	3498.18	-	-	27.80	0.00	3470.38
MW - 11	Manny	06/19/24	3498.18	-	-	28.63	0.00	3469.55

TABLE 1

2024 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 11	Manny	09/10/24	3498.18	-	-	29.05	0.00	3469.13
MW - 11	Manny	11/13/24	3498.18	37.00	-	28.87	0.00	3469.31
MW - 12	Manny	03/25/24	3499.66	-	-	29.02	0.00	3470.64
MW - 12	Manny	06/19/24	3499.66	-	-	29.85	0.00	3469.81
MW - 12	Manny	09/10/24	3499.66	-	-	30.25	0.00	3469.41
MW - 12	Manny	11/13/24	3499.66	38.72	-	30.26	0.00	3469.40
MW - 14		03/25/24	3498.54	-	-	28.34	0.00	3470.20
MW - 14		06/19/24	3498.54	-	-	29.15	0.00	3469.39
MW - 14		09/10/24	3498.54	-	-	29.58	0.00	3468.96
MW - 14		11/13/24	3498.54	36.35	-	29.40	0.00	3469.14
MW - 15		03/25/24	3500.65	-	-	30.69	0.00	3469.96
MW - 15		06/19/24	3500.65	-	-	31.49	0.00	3469.16
MW - 15		09/10/24	3500.65	Dry	-	-	-	-
MW - 15		11/13/24	3500.65	Dry	-	-	-	-
MW - 16	Manny	03/25/24	3501.45	-	-	31.99	0.00	3469.46
MW - 16	Manny	06/19/24	3501.45	-	-	32.84	0.00	3468.61
MW - 16	Manny	09/10/24	3501.45	-	-	33.27	0.00	3468.18
MW - 16	Manny	11/13/24	3501.45	37.05	-	33.11	0.00	3468.34
MW - 17	Manny	03/25/24	3497.25	32.81	-	29.56	0.00	3467.69
MW - 17	Manny	06/19/24	3497.25	32.78	-	30.39	0.00	3466.86
MW - 17	Manny	09/10/24	3497.25	32.79	-	30.81	0.00	3466.44
MW - 17	Manny	11/13/24	3497.25	32.82	-	30.70	0.00	3466.55
MW - 18	Manny	03/25/24	3497.25	36.69	-	28.63	0.00	3468.62
MW - 18	Manny	06/19/24	3497.25	36.69	-	29.57	0.00	3467.68
MW - 18	Manny	09/10/24	3497.25	36.69	-	29.90	0.00	3467.35
MW - 18	Manny	11/13/24	3497.25	36.68	-	29.46	0.00	3467.79
MW - 20	Manny	03/25/24	3496.59	-	-	26.89	0.00	3469.70
MW - 20	Manny	06/19/24	3496.59	-	-	27.69	0.00	3468.90
MW - 20	Manny	09/10/24	3496.59	-	-	28.13	0.00	3468.46
MW - 20	Manny	11/13/24	3496.59	37.32	-	26.86	0.00	3469.73
MW - 21	Manny	03/25/24	3503.03	-	-	35.42	0.00	3467.61
MW - 21	Manny	06/19/24	3503.03	-	-	36.29	0.00	3466.74
MW - 21	Manny	09/10/24	3503.03	-	-	36.69	0.00	3466.34
MW - 21	Manny	11/13/24	3503.03	38.81	-	36.63	0.00	3466.40
MW - 22	Manny	03/25/24	3500.05	-	-	33.59	0.00	3466.46
MW - 22	Manny	06/19/24	3500.05	-	-	34.47	0.00	3465.58
MW - 22	Manny	09/10/24	3500.05	-	-	34.83	0.00	3465.22
MW - 22	Manny	11/13/24	3500.05	38.47	-	34.77	0.00	3465.28
MW - 23	Manny	03/25/24	3498.88	38.27	-	32.97	0.00	3465.91
MW - 23	Manny	06/19/24	3498.88	-	-	33.87	0.00	3465.01
MW - 23	Manny	09/10/24	3498.88	38.27	-	34.20	0.00	3464.68
MW - 23	Manny	11/13/24	3498.88	38.27	-	34.12	0.00	3464.76
MW - 24	Manny	03/25/24	3498.79	35.62	-	30.74	0.00	3468.05
MW - 24	Manny	06/19/24	3498.79	35.58	-	31.67	0.00	3467.12
MW - 24	Manny	09/10/24	3498.79	35.57	-	31.97	0.00	3466.82
MW - 24	Manny	11/13/24	3498.79	35.58	-	31.87	0.00	3466.92
MW - 25	Manny	03/25/24	3498.08	36.13	-	32.01	0.00	3466.07
MW - 25	Manny	06/19/24	3498.08	36.15	-	32.99	0.00	3465.09
MW - 25	Manny	09/10/24	3498.08	36.14	-	33.28	0.00	3464.80
MW - 25	Manny	11/13/24	3498.08	36.16	-	33.20	0.00	3464.88

TABLE 1

2024 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 26		03/25/24	3499.18	39.06	-	31.39	0.00	3467.79
MW - 26	Manny	06/19/24	3499.18	39.12	-	32.30	0.00	3466.88
MW - 26	Manny	09/10/24	3499.18	39.12	-	32.55	0.00	3466.63
MW - 26	Manny	11/13/24	3499.18	38.99	-	32.44	0.00	3466.74
MW - 27	Manny	03/25/24	3498.03	-	-	32.52	0.00	3465.51
MW - 27	Manny	06/19/24	3498.03	-	-	33.51	0.00	3464.52
MW - 27	Manny	09/10/24	3498.03	-	-	33.80	0.00	3464.23
MW - 27	Manny	11/13/24	3498.03	35.96	-	33.78	0.00	3464.25
MW - 28	Manny	03/25/24	3498.69	-	-	32.06	0.00	3466.63
MW - 28	Manny	06/19/24	3498.69	-	-	33.04	0.00	3465.65
MW - 28	Manny	09/10/24	3498.69	-	-	33.46	0.00	3465.23
MW - 28	Manny	11/13/24	3498.69	38.29	-	33.43	0.00	3465.26
MW - 30	Manny	03/25/24	3498.65	-	-	31.85	0.00	3466.80
MW - 30	Manny	06/19/24	3498.65	-	-	32.74	0.00	3465.91
MW - 30	Manny	09/10/24	3498.65	-	-	33.11	0.00	3465.54
MW - 30	Manny	11/13/24	3498.65	35.05	-	33.14	0.00	3465.51
RW - 1	Manny	03/25/24	3498.89	35.92	-	26.97	0.00	3471.92
RW - 1	Manny	06/19/24	3498.89	35.96	-	27.98	0.00	3470.91
RW - 1	Manny	09/10/24	3498.89	35.97	-	28.33	0.00	3470.56
RW - 1	Manny	11/13/24	3498.89	35.89	-	28.28	0.00	3470.61
RW - 2	Manny	01/10/24	3498.99	-	27.82	28.12	0.30	3471.13
RW - 2	Manny	03/25/24	3498.99	37.68	27.75	28.19	0.44	3471.17
RW - 2	Manny	06/19/24	3498.99	37.72	28.60	29.60	1.00	3470.24
RW - 2	Manny	07/17/24	3498.99	-	28.87	29.86	0.99	3469.97
RW - 2	Manny	08/13/24	3498.99	-	29.10	29.15	0.05	3469.88
RW - 2	Manny	09/10/24	3498.99	38.95	28.98	29.11	0.13	3469.99
RW - 2	Manny	11/13/24	3498.99	38.61	28.99	29.28	0.29	3469.96

Notes:
1. BTOC = Below Top-of-Casing.
2. '- = No gauging data collected on corresponding date.
3 Dry = No fluid gauged for corresponding well.
4. Elevations of the potentiometric surface were calculated using a PSH specific gravity of 0.85 gram/cubic centimenter (g/cc).

TABLE 2

2024 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 1	03/26/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	06/20/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	09/11/24	<0.00500	<0.00500	<0.00500	<0.0150
MW - 1	11/14/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 2	03/26/24	0.0013	<0.00100	<0.00100	<0.00200
MW - 2	06/20/24	**0.0233**	<0.00100	<0.00100	<0.00200
MW - 2	09/11/24	<0.00500	<0.00500	<0.00500	<0.0150
MW - 2	11/14/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 3	03/27/24	**0.188**	0.00107	<0.00100	<0.00200
MW - 3	06/20/24	**0.144**	<0.00100	<0.00100	<0.00200
MW - 3	09/12/24	**0.206**	<0.00100	<0.00100	<0.00200
MW - 3	11/14/24	**0.107**	0.00158	<0.00100	<0.00200
MW - 4	03/26/24	**1.59**	0.00394	0.00478	0.0770
MW - 4	06/20/24	**1.68**	0.00288	0.00445	0.0748
MW - 4	09/11/24	**1.90**	<0.00500	<0.00500	<0.0150
MW - 4	11/14/24	**2.07**	0.00420	0.00919	0.07630
MW - 5	03/25/24	PSH	-	-	-
MW - 5	06/20/24	PSH	-	-	-
MW - 5	09/12/24	PSH	-	-	-
MW - 5	11/14/24	PSH	-	-	-
MW - 6	03/26/24	**0.0144**	0.00185	<0.00100	<0.00200
MW - 6	06/20/24	**0.0195**	0.00214	<0.00100	<0.00200
MW - 6	09/11/24	**0.0230**	<0.00500	<0.00500	<0.0150
MW - 6	11/14/24	**0.0290**	0.00210	0.00970	0.01971
MW - 7	03/25/24	PSH	-	-	-
MW - 7	06/20/24	PSH	-	-	-
MW - 7	09/12/24	PSH			
MW - 7	11/14/24	PSH			
MW - 8	03/25/24	NS	-	-	-
MW - 8	06/20/24	NS	-	-	-
MW - 8	09/12/24	NS	-	-	-
MW - 8	11/14/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 9	03/25/24	NS	-	-	-
MW - 9	06/20/24	NS	-	-	-
MW - 9	09/12/24	NS	-	-	-
MW - 9	11/14/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 10	03/27/24	**0.26**	0.00449	0.00406	**0.010**

TABLE 2

2024 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 10	06/20/24	**0.241**	0.00534	0.00502	0.00938
MW - 10	09/12/24	**0.232**	0.00293	0.00136	0.00543
MW - 10	11/14/24	**0.269**	0.01060	0.009	0.0712
MW - 11	03/25/24	NS	-	-	-
MW - 11	06/20/24	NS	-	-	-
MW - 11	09/12/24	NS	-	-	-
MW - 11	11/14/24	<0.00100	<0.00100	<0.00100	0.00103
MW - 12	03/25/24	NS	-	-	-
MW - 12	06/20/24	NS	-	-	-
MW - 12	09/12/24	NS	-	-	-
MW - 12	11/14/24	<0.00100	0.00104	<0.00100	0.00157
MW - 14	03/25/24	NS	-	-	-
MW - 14	06/20/24	NS	-	-	-
MW - 14	09/12/24	NS	-	-	-
MW - 14	11/14/24	<0.00100	<0.00100	<0.00100	0.00161
MW - 15	03/25/24	NS	-	-	-
MW - 15	06/20/24	NS	-	-	-
MW - 15	09/12/24	NS	-	-	-
MW - 15	11/15/24	Dry	-	-	-
MW - 16	03/25/24	NS	-	-	-
MW - 16	06/20/24	NS	-	-	-
MW - 16	09/12/24	NS	-	-	-
MW - 16	11/14/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 17	03/27/24	**1.87**	0.00181	0.1420	0.120
MW - 17	06/20/24	**1.73**	0.00178	<0.00100	0.133
MW - 17	09/12/24	**1.36**	0.00167	<0.00100	0.137
MW - 17	11/14/24	**2.25**	0.00110	0.098	0.0982
MW - 18	03/27/24	**0.673**	0.00321	0.00956	0.0622
MW - 18	06/20/24	**0.978**	0.00211	0.00401	0.0675
MW - 18	09/12/24	**0.812**	0.00159	0.0110	0.0761
MW - 18	11/14/24	**1.13**	0.00327	0.0280	0.0466
MW - 20	03/25/24	NS	-	-	-
MW - 20	06/20/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	09/12/24	NS	-	-	-
MW - 20	11/14/24	0.00914	<0.00100	0.00441	<0.00200
MW - 21	03/26/24	NS	-	-	-
MW - 21	06/20/24	NS	-	-	-

TABLE 2

2024 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 21	09/12/24	NS	-	-	-
MW - 21	11/14/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 22	03/25/24	NS	-	-	-
MW - 22	06/20/24	NS	-	-	-
MW - 22	09/12/24	NS	-	-	-
MW - 22	11/14/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	03/26/24	0.00324	<0.00100	<0.00100	<0.00200
MW - 23	06/20/24	0.00103	<0.00100	<0.00100	<0.00200
MW - 23	09/12/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	11/15/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 24	03/26/24	**6.85**	0.00364	0.306	0.1620
MW - 24	06/20/24	**8.01**	0.00597	0.262	0.20896
MW - 24	09/11/24	**6.50**	<0.250	0.340	<0.750
MW - 24	11/14/24	**7.68**	0.00484	0.211	0.11108
MW - 25	03/26/24	**0.0089**	<0.00100	<0.00100	<0.00200
MW - 25	06/20/24	**0.00798**	<0.00100	<0.00100	<0.00200
MW - 25	09/12/24	0.00975	<0.00100	<0.00100	<0.00200
MW - 25	11/15/24	0.161	<0.00100	<0.00100	<0.00200
MW - 26	03/26/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 26	06/20/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 26	09/12/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 26	11/15/24	<0.00100	0.00129	<0.00100	<0.00200
MW - 27	03/25/24	NS	-	-	-
MW - 27	06/20/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	09/12/24	NS	-	-	-
MW - 27	11/15/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 28	03/25/24	NS	-	-	-
MW - 28	06/20/24	NS	-	-	-
MW - 28	09/12/24	NS	-	-	-
MW - 28	11/15/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 30	03/25/24	NS	-	-	-
MW - 30	06/20/24	0.00107	<0.00100	<0.00100	<0.00200
MW - 30	09/12/24	NS	-	-	-
MW - 30	11/15/24	<0.00100	<0.00100	<0.00100	<0.00200
RW - 1	03/27/24	**0.679**	0.0072	0.044	0.1587
RW - 1	06/20/24	**1.11**	0.00377	0.0880	0.2317
RW - 1	09/12/24	**0.351**	0.00342	0.0442	0.1938

TABLE 2

2024 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
RW - 1	11/15/24	**0.187**	0.00359	0.0171	0.0771
RW - 2	03/26/24	**0.0544**	<0.00100	0.0291	0.0126
RW - 2	06/20/24	**0.228**	0.00160	0.160	0.0580
RW - 2	09/11/24	**0.360**	<0.0250	0.0560	<0.0750
RW - 2	11/14/24	**0.117**	0.00135	0.0436	0.0219

Notes:
1. Benzene, toluene, ethylbenzene, and total xylenes (BTEX) analysis by Environmental Protection Agency (EPA) Method SW846-8021B.
2. All reported concentrations are reported as milligrams per liter (mg/L).
3. Bold font indicates laboratory results exceeding NMWQCC Human Health Standards.
4. < - Not detected above the Sample Detection Limit.
5. NS - Not sampled.
6. '- - No data available for corresponding date.
7. PSH - Phase Separated Hydrocarbons.
8. P&A - Plugged and abandoned.

Released to Imaging: 11/10/2025 11:04:12 AM
Received by OCD: 11/6/2025 3:23:03 PM

TABLE 3

2024 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18 KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542384

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	11/13/24	NS																		
MW-2	11/13/24	NS																		
MW-3	11/13/24	NS																		
MW-4	11/14/24	<0.000083	0.00022	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	0.0016	<0.000083	**0.0013**	<0.000083	**0.343**			-
MW-5	11/13/24	PSH																		
MW-6	11/14/24	NS																		
MW-7	11/13/24	PSH																		
MW-8	11/13/24	NS																		
MW-9	11/14/24	NS																		
MW-10	11/14/24	<0.00010	<0.00010	0.00030	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0025**	<0.00010	**0.0019**	<0.00010	0.00725			<0.00010
MW-11	11/13/24	NS																		
MW-12	11/13/24	NS																		
MW-14	11/14/24	NS																		
MW-15	11/13/24	Dry																		
MW-16	11/13/24	NS																		
MW-17	11/14/24	0.00016	0.00025	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	**0.0023**	<0.000083	**0.0016**	<0.000083	**0.0658**			<0.000083
MW-18	11/14/24	0.00016	0.00024	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	**0.0027**	<0.000083	**0.0013**	<0.000083	**0.03397**			<0.000083
MW-20	11/13/24	NS																		

Released to Imaging: 11/10/2025 11:04:12 AM
Received by OCD: 11/6/2025 3:23:03 PM

TABLE 3

2024 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18 KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542384

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-21	11/13/24	NS																		
MW-22	11/13/24	NS																		
MW-23	11/13/24	NS																		
MW-24	11/13/24	NS																		
MW-25	11/13/24	NS																		
MW-26	11/13/24	NS																		
MW-27	11/13/24	NS																		
MW-28	11/13/24	NS																		
MW-30	11/13/24	NS																		
RW-1	11/14/24	<0.00083	<0.00083	<0.00083	<0.00083	<0.00083	<0.00083	<0.00083	<0.00083	<0.00083	<0.00083	<0.00083	**0.0015**	<0.00083	**0.002**	<0.00083	**0.041**			<0.00083
RW-2	11/13/24	PSH																		

Notes:

1. Polynuclear Aromatic Hydrocarbon (PAH) analysis by Environmental Protection Agency (EPA) Method SW846-8270C, 3510.
2. All reported concentrations are reported as milligrams per liter (mg/L).
3. Bold font indicates laboratory results exceeding NMWQCC Drinking Water Standards.
4. < - Not detected above the Sample Detection Limit.
5 NS - Not sampled.
6. PSH - Phase Separated Hydrocarbons.
7. P&A - Plugged and abandoned.

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 1		02/03/99	3500.17		-	28.96	0.00	3471.21
MW - 1		05/13/99	3500.17		-	28.48	0.00	3471.69
MW - 1		08/24/99	3500.17		-	28.94	0.00	3471.23
MW - 1		11/30/99	3500.17		-	28.39	0.00	3471.78
MW - 1		03/03/00	3500.17		-	28.60	0.00	3471.57
MW - 1		05/16/00	3500.17		-	28.68	0.00	3471.49
MW - 1		09/01/00	3500.17		-	29.06	0.00	3471.11
MW - 1		11/21/00	3500.17		-	29.23	0.00	3470.94
MW - 1		03/05/01	3500.17		-	28.94	0.00	3471.23
MW - 1		05/17/01	3500.17		-	28.72	0.00	3471.45
MW - 1		08/27/01	3500.17		-	29.95	0.00	3470.22
MW - 1		10/24/01	3500.17		-	28.65	0.00	3471.52
MW - 1		03/27/02	3500.17		-	28.49	0.00	3471.68
MW - 1		05/14/02	3500.17		-	28.14	0.00	3472.03
MW - 1		06/07/02	3500.17		-	28.30	0.00	3471.87
MW - 1		09/27/02	3500.17		-	28.41	0.00	3471.76
MW - 1		12/04/02	3500.17		-	28.15	0.00	3472.02
MW - 1		02/25/03	3500.17		-	28.07	0.00	3472.10
MW - 1		05/22/03	3500.17		-	28.19	0.00	3471.98
MW - 1		08/26/03	3500.17		-	29.31	0.00	3470.86
MW - 1		11/25/03	3500.17		-	29.54	0.00	3470.63
MW - 1		02/10/04	3500.17		-	29.54	0.00	3470.63
MW - 1		05/10/04	3500.17		-	26.54	0.00	3473.63
MW - 1		08/25/04	3500.17		-	27.32	0.00	3472.85
MW - 1		12/01/04	3500.17		-	25.67	0.00	3474.50
MW - 1		03/10/05	3500.17		-	25.35	0.00	3474.82
MW - 1		06/10/05	3500.17		-	24.95	0.00	3475.22
MW - 1		09/09/05	3500.17		-	25.31	0.00	3474.86
MW - 1		12/05/05	3500.17		-	25.17	0.00	3475.00
MW - 1		03/09/06	3500.17		-	25.06	0.00	3475.11
MW - 1		06/08/06	3500.17		-	25.37	0.00	3474.80
MW - 1		09/15/06	3500.17		-	25.12	0.00	3475.05
MW - 1		11/29/06	3500.17		-	25.00	0.00	3475.17
MW - 1		12/18/06	3500.17		sheen	24.52	0.00	3475.65
MW - 1		01/04/07	3500.17		sheen	24.52	0.00	3475.65
MW - 1		02/26/07	3500.17		-	24.96	0.00	3475.21
MW - 1		05/21/07	3500.17		-	24.70	0.00	3475.47
MW - 1		08/16/07	3500.17		-	25.14	0.00	3475.03
MW - 1		11/07/07	3500.17		-	24.91	0.00	3475.26
MW - 1		02/12/08	3500.17		-	24.97	0.00	3475.20
MW - 1		05/15/08	3500.17		-	25.07	0.00	3475.10
MW - 1		08/18/08	3500.17		-	25.94	0.00	3474.23
MW - 1		11/13/08	3500.17		-	25.50	0.00	3474.67
MW - 1		02/11/09	3500.17		-	25.58	0.00	3474.59
MW - 1		05/13/09	3500.17		-	25.62	0.00	3474.55
MW - 1		08/11/09	3500.17		-	26.42	0.00	3473.75
MW - 1		11/23/09	3500.17		-	26.61	0.00	3473.56
MW - 1		01/05/10	3500.17		-	26.63	0.00	3473.54
MW - 1		02/10/10	3500.17		-	26.69	0.00	3473.48
MW - 1		05/25/10	3500.17		-	26.58	0.00	3473.59
MW - 1		08/13/10	3500.17		-	26.57	0.00	3473.60
MW - 1		11/17/10	3500.17		-	26.60	0.00	3473.57
MW - 1		02/22/11	3500.17		-	26.63	0.00	3473.54
MW - 1		05/17/11	3500.17		-	26.63	0.00	3473.54
MW - 1		08/11/11	3500.17		-	27.32	0.00	3472.85
MW - 1		11/08/11	3500.17		-	27.54	0.00	3472.63
MW - 1		03/01/12	3500.17		-	27.19	0.00	3472.98
MW - 1		05/23/12	3500.17		-	27.22	0.00	3472.95
MW - 1		08/09/12	3500.17		-	27.80	0.00	3472.37
MW - 1		11/19/12	3500.17		-	27.77	0.00	3472.40
MW - 1		02/12/13	3500.17		-	27.68	0.00	3472.49
MW - 1		05/15/13	3500.17		-	27.57	0.00	3472.60
MW - 1		08/07/13	3500.17		-	28.30	0.00	3471.87

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 1		11/26/13	3500.17	41.02	-	28.28	0.00	3471.89
MW - 1	John F.	02/10/14	3500.17		-	28.08	0.00	3472.09
MW - 1	Manny & Chanc	04/14/14	3500.17		-	28.07	0.00	3472.10
MW - 1	David	05/22/14	3500.17		-	28.13	0.00	3472.04
MW - 1	Manny	07/22/14	3500.17		-	28.93	0.00	3471.24
MW - 1	David	08/13/14	3500.17		-	29.09	0.00	3471.08
MW - 1		10/27/14	3500.17		-	27.39	0.00	3472.78
MW - 1	Manny	11/05/14	3500.17	41.05	-	27.40	0.00	3472.77
MW - 1	Carlos	01/09/15	3500.17		-	27.04	0.00	3473.13
MW - 1	Manny	02/17/15	3500.17		-	26.97	0.00	3473.20
MW - 1	Manny	03/31/15	3500.17		-	26.76	0.00	3473.41
MW - 1	Manny	05/14/15	3500.17		-	26.55	0.00	3473.62
MW - 1	Manny	07/09/15	3500.17		-	26.64	0.00	3473.53
MW - 1	Manny/Arthur	08/04/15	3500.17		-	26.98	0.00	3473.19
MW - 1	Manny	11/16/15	3500.17	41.05	-	26.63	0.00	3473.54
MW - 1	Manny	01/15/16	3500.17		-	26.51	0.00	3473.66
MW - 1	Manny	02/10/16	3500.17		-	26.53	0.00	3473.64
MW - 1	Manny	04/15/16	3500.17		-	26.23	0.00	3473.94
MW - 1	Manny	05/24/16	3500.17		-	26.33	0.00	3473.84
MW - 1	Manny	06/28/16	3500.17		-	26.81	0.00	3473.36
MW - 1	Carlos	07/21/16	3500.17		-	27.26	0.00	3472.91
MW - 1	Manny/ Wes	08/18/16	3500.17		-	27.49	0.00	3472.68
MW - 1	Wesley	10/25/16	3500.17	41.10	-	25.66	0.00	3474.51
MW - 1	Manny	11/21/16	3500.17	40.89	-	25.53	0.00	3474.64
MW - 1	Manny	12/27/16	3500.17		-	25.53	0.00	3474.64
MW - 1	Carlos	01/24/17	3500.17		-	25.46	0.00	3474.71
MW - 1	Carlos	02/28/17	3500.17		-	25.52	0.00	3474.65
MW - 1	Manny/ Jeremy	04/19/17	3500.17		-	25.27	0.00	3474.90
MW - 1	Jeremy	05/18/17	3500.17		-	25.34	0.00	3474.83
MW - 1	Jeremy	06/12/17	3500.17		-	25.51	0.00	3474.66
MW - 1	Jeremy	07/25/17	3500.17		-	25.96	0.00	3474.21
MW - 1	Jeremy	08/14/17	3500.17		-	25.81	0.00	3474.36
MW - 1	Jeremy	10/17/17	3500.17		-	25.52	0.00	3474.65
MW - 1	Manny/ Jeremy	11/15/17	3500.17	40.74	-	25.44	0.00	3474.73
MW - 1	Jeremy	01/17/18	3500.17		-	25.39	0.00	3474.78
MW - 1	Jeremy	02/19/18	3500.17		-	25.31	0.00	3474.86
MW - 1	Jeremy	03/28/18	3500.17		-	25.34	0.00	3474.83
MW - 1	Jeremy	04/27/18	3500.17		-	25.38	0.00	3474.79
MW - 1	Jeremy	05/15/18	3500.17		-	25.50	0.00	3474.67
MW - 1	Jeremy	06/29/18	3500.17		-	26.06	0.00	3474.11
MW - 1	Jeremy	07/16/18	3500.17		-	26.28	0.00	3473.89
MW - 1	Jeremy	08/14/18	3500.17		-	26.69	0.00	3473.48
MW - 1	Jeremy	10/08/18	3500.17		-	27.16	0.00	3473.01
MW - 1	Jeremy	12/14/18	3500.17		-	25.99	0.00	3474.18
MW - 1	Manny/Elias	01/29/19	3500.17		-	25.87	0.00	3474.30
MW - 1	Manny/Elias	03/04/19	3500.17		-	25.84	0.00	3474.33
MW - 1	Jeremy	03/29/19	3500.17		-	25.69	0.00	3474.48
MW - 1	Jeremy	04/18/19	3500.17		-	25.68	0.00	3474.49
MW - 1	Manny/Elias	05/13/19	3500.17		-	25.64	0.00	3474.53
MW - 1	Manny/Elias	06/06/19	3500.17		-	25.85	0.00	3474.32
MW - 1	Manny/Elias	07/17/19	3500.17		-	26.29	0.00	3473.88
MW - 1	Elias	09/10/19	3500.17		-	26.71	0.00	3473.46
MW - 1	Elias	10/16/19	3500.17		-	26.43	0.00	3473.74
MW - 1	Elias	12/03/19	3500.17	40.93	-	26.05	0.00	3474.12
MW - 1	Elias	12/30/19	3500.17		-	26.00	0.00	3474.17
MW - 1	Elias	01/14/20	3500.17	-	-	25.94	0.00	3474.23
MW - 1	Elias	02/12/20	3500.17	-	-	25.87	0.00	3474.30
MW - 1	Elias	05/15/20	3500.17	-	-	25.49	0.00	3474.68
MW - 1	Manny	06/24/20	3500.17	-	-	26.12	0.00	3474.05
MW - 1	Manny	07/28/20	3500.17	-	-	26.60	0.00	3473.57
MW - 1	Manny	08/18/20	3500.17	-	-	26.71	0.00	3473.46
MW - 1	Manny	09/11/20	3500.17	-	-	26.87	0.00	3473.30
MW - 1	Manny	10/30/20	3500.17	-	-	26.97	0.00	3473.20

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 1	Manny	11/10/20	3500.17	40.65	-	26.94	0.00	3473.23
MW - 1	Manny	12/30/20	3500.17	-	-	26.91	0.00	3473.26
MW - 1	Manny	01/21/21	3500.17	-	-	26.86	0.00	3473.31
MW - 1	Manny	03/17/21	3500.17	-	-	26.95	0.00	3473.22
MW - 1	Manny	05/26/21	3500.17	-	-	26.98	0.00	3473.19
MW - 1	Manny	07/26/21	3500.17	-	-	27.19	0.00	3472.98
MW - 1	Manny	09/28/21	3500.17	-	-	27.44	0.00	3472.73
MW - 1	Manny	10/13/21	3500.17	-	-	27.38	0.00	3472.79
MW - 1	Manny	12/02/21	3500.17	40.49	-	27.33	0.00	3472.84
MW - 1	Manny	01/13/22	3500.17	-	-	27.29	0.00	3472.88
MW - 1	Manny	03/03/22	3500.17	40.52	-	27.39	0.00	3472.78
MW - 1	Manny	04/28/22	3500.17	-	-	27.39	0.00	3472.78
MW - 1	Manny	06/01/22	3500.17	40.47	-	27.85	0.00	3472.32
MW - 1	Manny	08/23/22	3500.17	40.41	-	28.59	0.00	3471.58
MW - 1	Manny	10/18/22	3500.17	40.48	-	28.28	0.00	3471.89
MW - 1	Manny	03/09/23	3500.17	40.27	-	27.65	0.00	3472.52
MW - 1	Manny	05/03/23	3500.17	40.27	-	27.50	0.00	3472.67
MW - 1	Manny	08/30/23	3500.17	40.26	-	28.75	0.00	3471.42
MW - 1	Manny	11/30/23	3500.17	40.22	-	28.10	0.00	3472.07
MW - 1	Manny	03/25/24	3500.17	40.24	-	27.71	0.00	3472.46
MW - 1	Manny	06/19/24	3500.17	40.16	-	28.73	0.00	3471.44
MW - 1	Manny	09/10/24	3500.17	40.16	-	29.04	0.00	3471.13
MW - 1	Manny	11/13/24	3500.17	40.11	-	29.01	0.00	3471.16
MW - 2		02/03/99	3499.19	-	-	28.72	0.00	3470.47
MW - 2		05/13/99	3499.19	-	-	28.34	0.00	3470.85
MW - 2		08/24/99	3499.19	-	-	28.83	0.00	3470.36
MW - 2		11/30/99	3499.19	-	-	28.26	0.00	3470.93
MW - 2		03/03/00	3499.19	-	-	28.38	0.00	3470.81
MW - 2		05/16/00	3499.19	-	-	28.43	0.00	3470.76
MW - 2		09/01/00	3499.19	-	-	29.00	0.00	3470.19
MW - 2		11/21/00	3499.19	-	-	28.94	0.00	3470.25
MW - 2		03/05/01	3499.19	-	28.75	28.88	0.13	3470.42
MW - 2		05/17/01	3499.19	-	28.52	28.66	0.14	3470.65
MW - 2		08/27/01	3499.19	-	29.58	29.72	0.14	3469.59
MW - 2		10/24/01	3499.19	-	29.09	29.24	0.15	3470.08
MW - 2		03/27/02	3499.19	-	28.30	28.62	0.32	3470.84
MW - 2		05/14/02	3499.19	-	27.99	28.25	0.26	3471.16
MW - 2		06/07/02	3499.19	-	28.08	28.34	0.26	3471.07
MW - 2		09/27/02	3499.19	-	28.09	28.46	0.37	3471.04
MW - 2		10/29/02	3499.19	-	28.19	28.63	0.44	3470.93
MW - 2		11/07/02	3499.19	-	28.07	28.51	0.44	3471.05
MW - 2		12/04/02	3499.19	-	28.10	28.12	0.02	3471.09
MW - 2		01/07/03	3499.19	-	sheen	28.01	0.00	3471.18
MW - 2		01/27/03	3499.19	-	sheen	27.83	0.00	3471.36
MW - 2		02/25/03	3499.19	-	sheen	27.81	0.00	3471.38
MW - 2		03/06/03	3499.19	-	sheen	27.91	0.00	3471.28
MW - 2		03/11/03	3499.19	-	sheen	27.85	0.00	3471.34
MW - 2		03/20/03	3499.19	-	27.92	27.93	0.01	3471.27
MW - 2		04/02/03	3499.19	-	27.78	27.79	0.01	3471.41
MW - 2		04/16/03	3499.19	-	sheen	27.88	0.00	3471.31
MW - 2		04/23/03	3499.19	-	sheen	27.78	0.00	3471.41
MW - 2		04/29/03	3499.19	-	27.73	27.74	0.01	3471.46
MW - 2		05/15/03	3499.19	-	sheen	27.81	0.00	3471.38
MW - 2		05/22/03	3499.19	-	sheen	28.00	0.00	3471.19
MW - 2		05/28/03	3499.19	-	sheen	28.29	0.00	3470.90
MW - 2		06/04/03	3499.19	-	sheen	28.11	0.00	3471.08
MW - 2		06/10/03	3499.19	-	sheen	28.28	0.00	3470.91
MW - 2		06/26/03	3499.19	-	-	27.89	0.00	3471.30
MW - 2		07/07/03	3499.19	-	sheen	28.68	0.00	3470.51
MW - 2		07/30/03	3499.19	-	sheen	28.66	0.00	3470.53
MW - 2		08/05/03	3499.19	-	29.04	29.06	0.02	3470.15
MW - 2		08/21/03	3499.19	-	sheen	29.31	0.00	3469.88

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2		08/26/03	3499.19	-	29.31	29.37	0.06	3469.87
MW - 2		09/08/03	3499.19	-	29.42	29.44	0.02	3469.77
MW - 2		09/15/03	3499.19	-	29.41	29.43	0.02	3469.78
MW - 2		09/24/03	3499.19	-	29.52	29.56	0.04	3469.66
MW - 2		10/02/03	3499.19	-	29.35	29.39	0.04	3469.83
MW - 2		10/08/03	3499.19	-	29.25	29.28	0.03	3469.94
MW - 2		10/16/03	3499.19	-	29.60	29.66	0.06	3469.58
MW - 2		10/28/03	3499.19	-	29.59	29.65	0.06	3469.59
MW - 2		11/11/03	3499.19	-	sheen	29.71	0.00	3469.48
MW - 2		11/18/03	3499.19	-	sheen	29.54	0.00	3469.65
MW - 2		11/25/03	3499.19	-	-	29.21	0.00	3469.98
MW - 2		12/08/03	3499.19	-	sheen	29.29	0.00	3469.90
MW - 2		01/27/04	3499.19	-	-	29.70	0.00	3469.49
MW - 2		02/02/04	3499.19	-	-	29.61	0.00	3469.58
MW - 2		02/10/04	3499.19	-	-	29.28	0.00	3469.91
MW - 2		02/20/04	3499.19	-	-	29.50	0.00	3469.69
MW - 2		03/04/04	3499.19	-	-	29.27	0.00	3469.92
MW - 2		03/16/04	3499.19	-	-	29.55	0.00	3469.64
MW - 2		03/25/04	3499.19	-	-	29.63	0.00	3469.56
MW - 2		03/31/04	3499.19	-	-	29.60	0.00	3469.59
MW - 2		04/01/04	3499.19	-	-	29.65	0.00	3469.54
MW - 2		04/08/04	3499.19	-	-	27.11	0.00	3472.08
MW - 2		04/14/04	3499.19	-	-	27.67	0.00	3471.52
MW - 2		04/16/04	3499.19	-	-	27.86	0.00	3471.33
MW - 2		04/22/04	3499.19	-	26.98	26.99	0.01	3472.21
MW - 2		04/29/04	3499.19	-	-	26.82	0.00	3472.37
MW - 2		05/05/04	3499.19	-	sheen	27.11	0.00	3472.08
MW - 2		05/10/04	3499.19	-	-	26.82	0.00	3472.37
MW - 2		06/08/04	3499.19	-	-	26.76	0.00	3472.43
MW - 2		06/17/04	3499.19	-	sheen	26.95	0.00	3472.24
MW - 2		06/22/04	3499.19	-	-	26.98	0.00	3472.21
MW - 2		06/25/04	3499.19	-	-	26.96	0.00	3472.23
MW - 2		06/26/04	3499.19	-	-	26.96	0.00	3472.23
MW - 2		06/29/04	3499.19	-	-	26.95	0.00	3472.24
MW - 2		07/01/04	3499.19	-	sheen	26.99	0.00	3472.20
MW - 2		07/08/04	3499.19	-	-	26.96	0.00	3472.23
MW - 2		07/13/04	3499.19	-	-	27.04	0.00	3472.15
MW - 2		07/20/04	3499.19	-	-	27.98	0.00	3471.21
MW - 2		08/04/04	3499.19	-	sheen	27.17	0.00	3472.02
MW - 2		08/10/04	3499.19	-	-	27.18	0.00	3472.01
MW - 2		08/17/04	3499.19	-	sheen	27.38	0.00	3471.81
MW - 2		08/23/04	3499.19	-	-	27.20	0.00	3471.99
MW - 2		08/25/04	3499.19	-	-	27.25	0.00	3471.94
MW - 2		08/31/04	3499.19	-	sheen	27.35	0.00	3471.84
MW - 2		09/13/04	3499.19	-	27.26	27.28	0.02	3471.93
MW - 2		09/20/04	3499.19	-	27.38	27.40	0.02	3471.81
MW - 2		09/30/04	3499.19	-	sheen	27.61	0.00	3471.58
MW - 2		10/04/04	3499.19	-	sheen	26.46	0.00	3472.73
MW - 2		10/11/04	3499.19	-	sheen	26.14	0.00	3473.05
MW - 2		10/18/04	3499.19	-	sheen	25.95	0.00	3473.24
MW - 2		10/27/04	3499.19	-	sheen	26.02	0.00	3473.17
MW - 2		11/02/04	3499.19	-	sheen	25.92	0.00	3473.27
MW - 2		11/08/04	3499.19	-	sheen	25.88	0.00	3473.31
MW - 2		11/23/04	3499.19	-	sheen	25.75	0.00	3473.44
MW - 2		12/01/04	3499.19	-	sheen	25.56	0.00	3473.63
MW - 2		12/02/04	3499.19	-	sheen	25.56	0.00	3473.63
MW - 2		12/08/04	3499.19	-	sheen	25.42	0.00	3473.77
MW - 2		12/14/04	3499.19	-	sheen	25.44	0.00	3473.75
MW - 2		12/21/04	3499.19	-	sheen	25.38	0.00	3473.81
MW - 2		12/29/04	3499.19	-	sheen	25.29	0.00	3473.90
MW - 2		01/11/05	3499.19	-	sheen	24.61	0.00	3474.58
MW - 2		01/14/05	3499.19	-	sheen	25.39	0.00	3473.80
MW - 2		01/18/05	3499.19	-	sheen	25.24	0.00	3473.95

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2		01/21/05	3499.19	-	sheen	24.14	0.00	3475.05
MW - 2		01/25/05	3499.19	-	sheen	25.19	0.00	3474.00
MW - 2		01/28/05	3499.19	-	sheen	25.18	0.00	3474.01
MW - 2		02/02/05	3499.19	-	sheen	25.24	0.00	3473.95
MW - 2		02/05/05	3499.19	-	sheen	25.14	0.00	3474.05
MW - 2		02/08/05	3499.19	-	sheen	25.15	0.00	3474.04
MW - 2		02/11/05	3499.19	-	sheen	25.11	0.00	3474.08
MW - 2		02/15/05	3499.19	-	sheen	25.23	0.00	3473.96
MW - 2		02/18/05	3499.19	-	sheen	25.21	0.00	3473.98
MW - 2		02/22/05	3499.19	-	sheen	25.11	0.00	3474.08
MW - 2		02/25/05	3499.19	-	sheen	25.23	0.00	3473.96
MW - 2		03/01/05	3499.19	-	sheen	25.15	0.00	3474.04
MW - 2		03/04/05	3499.19	-	sheen	25.23	0.00	3473.96
MW - 2		03/08/05	3499.19	-	sheen	25.03	0.00	3474.16
MW - 2		03/10/05	3499.19	-	sheen	25.03	0.00	3474.16
MW - 2		03/11/05	3499.19	-	sheen	25.05	0.00	3474.14
MW - 2		03/15/05	3499.19	-	sheen	25.06	0.00	3474.13
MW - 2		03/19/05	3499.19	-	sheen	25.04	0.00	3474.15
MW - 2		03/22/05	3499.19	-	sheen	25.08	0.00	3474.11
MW - 2		03/28/05	3499.19	-	sheen	24.93	0.00	3474.26
MW - 2		04/01/05	3499.19	-	sheen	25.10	0.00	3474.09
MW - 2		04/05/05	3499.19	-	sheen	24.95	0.00	3474.24
MW - 2		04/08/05	3499.19	-	sheen	24.97	0.00	3474.22
MW - 2		04/12/05	3499.19	-	sheen	24.97	0.00	3474.22
MW - 2		04/15/05	3499.19	-	sheen	24.95	0.00	3474.24
MW - 2		05/25/05	3499.19	-	sheen	24.70	0.00	3474.49
MW - 2		06/03/05	3499.19	-	sheen	24.57	0.00	3474.62
MW - 2		06/06/05	3499.19	-	sheen	24.56	0.00	3474.63
MW - 2		06/10/05	3499.19	-	24.51	24.52	0.01	3474.68
MW - 2		06/13/05	3499.19	-	sheen	24.72	0.00	3474.47
MW - 2		06/20/05	3499.19	-	sheen	24.72	0.00	3474.47
MW - 2		06/24/05	3499.19	-	sheen	24.69	0.00	3474.50
MW - 2		06/27/05	3499.19	-	sheen	24.71	0.00	3474.48
MW - 2		07/18/05	3499.19	-	sheen	25.04	0.00	3474.15
MW - 2		07/25/05	3499.19	-	sheen	25.07	0.00	3474.12
MW - 2		08/01/05	3499.19	-	sheen	25.12	0.00	3474.07
MW - 2		08/04/05	3499.19	-	sheen	25.13	0.00	3474.06
MW - 2		08/10/05	3499.19	-	24.19	24.20	0.01	3475.00
MW - 2		08/16/05	3499.19	-	sheen	25.29	0.00	3473.90
MW - 2		08/23/05	3499.19	-	25.06	25.08	0.02	3474.13
MW - 2		08/29/05	3499.19	-	25.00	25.02	0.02	3474.19
MW - 2		09/06/05	3499.19	-	24.94	24.95	0.01	3474.25
MW - 2		09/09/05	3499.19	-	24.91	24.93	0.02	3474.28
MW - 2		09/12/05	3499.19	-	24.90	24.91	0.01	3474.29
MW - 2		09/19/05	3499.19	-	25.11	25.15	0.04	3474.07
MW - 2		09/27/05	3499.19	-	24.59	24.74	0.15	3474.58
MW - 2		10/03/05	3499.19	-	24.65	24.77	0.12	3474.52
MW - 2		10/10/05	3499.19	-	25.02	25.09	0.07	3474.16
MW - 2		10/17/05	3499.19	-	25.03	25.09	0.06	3474.15
MW - 2		10/24/05	3499.19	-	24.89	24.90	0.01	3474.30
MW - 2		11/01/05	3499.19	-	24.84	24.85	0.01	3474.35
MW - 2		11/08/05	3499.19	-	24.78	24.81	0.03	3474.41
MW - 2		11/15/05	3499.19	-	24.91	24.98	0.07	3474.27
MW - 2		11/22/05	3499.19	-	24.79	24.85	0.06	3474.39
MW - 2		11/27/05	3499.19	-	24.72	24.78	0.06	3474.46
MW - 2		12/02/05	3499.19	-	24.81	24.82	0.01	3474.38
MW - 2		12/05/05	3499.19	-	24.74	24.78	0.04	3474.44
MW - 2		12/07/05	3499.19	-	24.81	24.82	0.01	3474.38
MW - 2		12/16/05	3499.19	-	24.77	24.80	0.03	3474.42
MW - 2		12/29/05	3499.19	-	24.70	24.76	0.06	3474.48
MW - 2		01/03/06	3499.19	-	24.76	24.80	0.04	3474.42
MW - 2		01/09/06	3499.19	-	24.82	24.90	0.08	3474.36
MW - 2		01/16/06	3499.19	-	24.62	24.64	0.02	3474.57

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2		01/23/06	3499.19	-	24.80	24.85	0.05	3474.38
MW - 2		01/30/06	3499.19	-	24.78	24.86	0.08	3474.40
MW - 2		02/07/06	3499.19	-	24.75	24.83	0.08	3474.43
MW - 2		02/14/06	3499.19	-	24.68	24.78	0.10	3474.50
MW - 2		02/21/06	3499.19	-	24.67	24.80	0.13	3474.50
MW - 2		02/27/06	3499.19	-	24.69	24.79	0.10	3474.49
MW - 2		03/06/06	3499.19	-	24.70	24.78	0.08	3474.48
MW - 2		03/09/06	3499.19	-	24.57	24.65	0.08	3474.61
MW - 2		03/17/06	3499.19	-	24.81	24.85	0.04	3474.37
MW - 2		03/21/06	3499.19	-	24.83	24.90	0.07	3474.35
MW - 2		03/28/06	3499.19	-	24.85	24.89	0.04	3474.33
MW - 2		04/03/06	3499.19	-	24.86	24.92	0.06	3474.32
MW - 2		04/10/06	3499.19	-	24.62	24.65	0.03	3474.57
MW - 2		04/17/06	3499.19	-	24.57	24.62	0.05	3474.61
MW - 2		05/01/06	3499.19	-	24.65	24.73	0.08	3474.53
MW - 2		05/08/06	3499.19	-	24.61	24.78	0.17	3474.55
MW - 2		05/15/06	3499.19	-	24.84	24.98	0.14	3474.33
MW - 2		06/01/06	3499.19	-	25.02	25.06	0.04	3474.16
MW - 2		06/05/06	3499.19	-	sheen	24.94	0.00	3474.25
MW - 2		06/08/06	3499.19	-	25.14	25.26	0.12	3474.03
MW - 2		06/12/06	3499.19	-	25.14	25.26	0.12	3474.03
MW - 2		06/19/06	3499.19	-	25.23	25.30	0.07	3473.95
MW - 2		07/03/06	3499.19	-	25.40	25.42	0.02	3473.79
MW - 2		07/10/06	3499.19	-	sheen	25.37	0.00	3473.82
MW - 2		07/17/06	3499.19	-	sheen	24.29	0.00	3474.90
MW - 2		07/26/06	3499.19	-	25.45	25.55	0.10	3473.73
MW - 2		07/31/06	3499.19	-	25.44	25.51	0.07	3473.74
MW - 2		08/07/06	3499.19	-	26.52	26.61	0.09	3472.66
MW - 2		08/17/06	3499.19	-	25.41	25.44	0.03	3473.78
MW - 2		08/21/06	3499.19	-	sheen	25.34	0.00	3473.85
MW - 2		09/06/06	3499.19	-	24.88	24.92	0.04	3474.30
MW - 2		09/11/06	3499.19	-	24.86	24.89	0.03	3474.33
MW - 2		09/15/06	3499.19	-	24.81	24.84	0.03	3474.38
MW - 2		10/02/06	3499.19	-	24.84	24.87	0.03	3474.35
MW - 2		10/09/06	3499.19	-	24.76	24.81	0.05	3474.42
MW - 2		10/17/06	3499.19	-	sheen	24.72	0.00	3474.47
MW - 2		10/23/06	3499.19	-	sheen	24.75	0.00	3474.44
MW - 2		10/30/06	3499.19	-	sheen	24.73	0.00	3474.46
MW - 2		11/06/06	3499.19	-	sheen	24.68	0.00	3474.51
MW - 2		11/13/06	3499.19	-	sheen	24.60	0.00	3474.59
MW - 2		11/20/06	3499.19	-	sheen	24.73	0.00	3474.46
MW - 2		11/27/06	3499.19	-	sheen	24.26	0.00	3474.93
MW - 2		11/29/06	3499.19	-	sheen	24.25	0.00	3474.94
MW - 2		12/04/06	3499.19	-	sheen	24.64	0.00	3474.55
MW - 2		12/12/06	3499.19	-	sheen	24.71	0.00	3474.48
MW - 2		01/11/07	3499.19	-	sheen	24.82	0.00	3474.37
MW - 2		01/18/07	3499.19	-	sheen	24.71	0.00	3474.48
MW - 2		01/22/07	3499.19	-	sheen	24.71	0.00	3474.48
MW - 2		01/31/07	3499.19	-	24.53	24.55	0.02	3474.66
MW - 2		02/07/07	3499.19	-	sheen	24.63	0.00	3474.56
MW - 2		02/14/07	3499.19	-	-	24.62	0.00	3474.57
MW - 2		02/26/07	3499.19	-	sheen	24.59	0.00	3474.60
MW - 2		03/07/07	3499.19	-	24.72	24.91	0.19	3474.44
MW - 2		04/03/07	3499.19	-	24.57	24.59	0.02	3474.62
MW - 2		04/09/07	3499.19	-	24.33	24.34	0.01	3474.86
MW - 2		04/17/07	3499.19	-	sheen	24.43	0.00	3474.76
MW - 2		05/01/07	3499.19	-	sheen	24.40	0.00	3474.79
MW - 2		05/07/07	3499.19	-	sheen	24.38	0.00	3474.81
MW - 2		05/21/07	3499.19	-	sheen	24.16	0.00	3475.03
MW - 2		07/03/07	3499.19	-	sheen	24.36	0.00	3474.83
MW - 2		07/30/07	3499.19	-	sheen	24.69	0.00	3474.50
MW - 2		08/06/07	3499.19	-	sheen	24.73	0.00	3474.46
MW - 2		08/16/07	3499.19	-	sheen	24.87	0.00	3474.32

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2		09/13/07	3499.19	-	sheen	24.73	0.00	3474.46
MW - 2		09/18/07	3499.19	-	sheen	24.68	0.00	3474.51
MW - 2		09/24/07	3499.19	-	sheen	26.40	0.00	3472.79
MW - 2		10/01/07	3499.19	-	sheen	24.58	0.00	3474.61
MW - 2		10/08/07	3499.19	-	sheen	24.56	0.00	3474.63
MW - 2		10/15/07	3499.19	-	sheen	24.16	0.00	3475.03
MW - 2		11/07/07	3499.19	-	sheen	24.51	0.00	3474.68
MW - 2		12/14/07	3499.19	-	sheen	24.46	0.00	3474.73
MW - 2		01/09/08	3499.19	-	-	24.37	0.00	3474.82
MW - 2		01/16/08	3499.19	-	-	24.54	0.00	3474.65
MW - 2		01/23/08	3499.19	-	-	24.62	0.00	3474.57
MW - 2		02/08/08	3499.19	-	-	24.19	0.00	3475.00
MW - 2		02/12/08	3499.19	-	-	24.56	0.00	3474.63
MW - 2		02/22/08	3499.19	-	-	24.59	0.00	3474.60
MW - 2		03/05/08	3499.19	-	-	24.55	0.00	3474.64
MW - 2		05/14/08	3499.19	-	-	24.71	0.00	3474.48
MW - 2		06/23/08	3499.19	-	-	25.11	0.00	3474.08
MW - 2		08/18/08	3499.19	-	-	25.80	0.00	3473.39
MW - 2		11/13/08	3499.19	-	-	25.13	0.00	3474.06
MW - 2		01/06/09	3499.19	-	-	-	-	-
MW - 2		02/11/09	3499.19	-	-	25.25	0.00	3473.94
MW - 2		02/24/09	3499.19	-	-	25.18	0.00	3474.01
MW - 2		03/04/09	3499.19	-	-	25.20	0.00	3473.99
MW - 2		03/17/09	3499.19	-	-	25.20	0.00	3473.99
MW - 2		03/25/09	3499.19	-	-	25.19	0.00	3474.00
MW - 2		04/08/09	3499.19	-	-	25.20	0.00	3473.99
MW - 2		04/15/09	3499.19	-	-	25.20	0.00	3473.99
MW - 2		04/29/09	3499.19	-	-	25.21	0.00	3473.98
MW - 2		05/13/09	3499.19	-	-	25.26	0.00	3473.93
MW - 2		06/01/09	3499.19	-	-	25.55	0.00	3473.64
MW - 2		06/10/09	3499.19	-	-	25.28	0.00	3473.91
MW - 2		06/12/09	3499.19	-	-	25.73	0.00	3473.46
MW - 2		06/18/09	3499.19	-	-	25.29	0.00	3473.90
MW - 2		06/24/09	3499.19	-	-	25.82	0.00	3473.37
MW - 2		07/02/09	3499.19	-	-	25.93	0.00	3473.26
MW - 2		07/08/09	3499.19	-	-	25.31	0.00	3473.88
MW - 2		07/14/09	3499.19	-	-	25.87	0.00	3473.32
MW - 2		07/20/09	3499.19	-	-	25.88	0.00	3473.31
MW - 2		07/27/09	3499.19	-	-	25.89	0.00	3473.30
MW - 2		08/03/09	3499.19	-	-	26.00	0.00	3473.19
MW - 2		08/11/09	3499.19	-	-	26.15	0.00	3473.04
MW - 2		08/18/09	3499.19	-	-	26.18	0.00	3473.01
MW - 2		08/24/09	3499.19	-	-	26.22	0.00	3472.97
MW - 2		08/31/09	3499.19	-	-	26.33	0.00	3472.86
MW - 2		09/03/09	3499.19	-	-	26.26	0.00	3472.93
MW - 2		09/08/09	3499.19	-	-	26.39	0.00	3472.80
MW - 2		09/10/09	3499.19	-	-	26.48	0.00	3472.71
MW - 2		09/16/09	3499.19	-	-	26.32	0.00	3472.87
MW - 2		09/22/09	3499.19	-	-	26.51	0.00	3472.68
MW - 2		09/29/09	3499.19	-	-	25.90	0.00	3473.29
MW - 2		10/02/09	3499.19	-	-	26.39	0.00	3472.80
MW - 2		10/07/09	3499.19	-	-	26.41	0.00	3472.78
MW - 2		10/12/09	3499.19	-	-	25.31	0.00	3473.88
MW - 2		10/16/09	3499.19	-	-	26.33	0.00	3472.86
MW - 2		10/20/09	3499.19	-	-	25.30	0.00	3473.89
MW - 2		10/26/09	3499.19	-	-	25.30	0.00	3473.89
MW - 2		10/28/09	3499.19	-	-	26.34	0.00	3472.85
MW - 2		11/04/09	3499.19	-	-	26.53	0.00	3472.66
MW - 2		11/12/09	3499.19	-	-	26.16	0.00	3473.03
MW - 2		11/23/09	3499.19	-	-	26.41	0.00	3472.78
MW - 2		12/03/09	3499.19	-	-	26.51	0.00	3472.68
MW - 2		12/16/09	3499.19	-	-	26.45	0.00	3472.74
MW - 2		12/21/09	3499.19	-	-	26.37	0.00	3472.82

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2		12/28/09	3499.19	-	-	25.30	0.00	3473.89
MW - 2		01/05/10	3499.19	-	-	26.41	0.00	3472.78
MW - 2		01/20/10	3499.19	-	-	25.27	0.00	3473.92
MW - 2		01/25/10	3499.19	-	-	25.25	0.00	3473.94
MW - 2		01/27/10	3499.19	-	-	26.45	0.00	3472.74
MW - 2		02/10/10	3499.19	-	-	26.47	0.00	3472.72
MW - 2		03/01/10	3499.19	-	-	25.24	0.00	3473.95
MW - 2		03/09/10	3499.19	-	-	26.47	0.00	3472.72
MW - 2		03/11/10	3499.19	-	-	26.10	0.00	3473.09
MW - 2		05/25/10	3499.19	-	-	26.03	0.00	3473.16
MW - 2		06/07/10	3499.19	-	-	26.28	0.00	3472.91
MW - 2		06/12/10	3499.19	-	-	26.43	0.00	3472.76
MW - 2		06/25/10	3499.19	-	-	26.51	0.00	3472.68
MW - 2		07/07/10	3499.19	-	-	26.23	0.00	3472.96
MW - 2		07/12/10	3499.19	-	-	26.91	0.00	3472.28
MW - 2		07/26/10	3499.19	-	-	-	-	-
MW - 2		08/03/10	3499.19	-	-	24.56	0.00	3474.63
MW - 2		08/13/10	3499.19	-	-	25.70	0.00	3473.49
MW - 2		08/19/10	3499.19	-	-	25.49	0.00	3473.70
MW - 2		08/25/10	3499.19	-	-	25.60	0.00	3473.59
MW - 2		09/01/10	3499.19	-	-	25.48	0.00	3473.71
MW - 2		09/09/10	3499.19	-	-	25.55	0.00	3473.64
MW - 2		09/13/10	3499.19	-	-	25.89	0.00	3473.30
MW - 2		09/29/10	3499.19	-	-	25.57	0.00	3473.62
MW - 2		10/05/10	3499.19	-	-	25.87	0.00	3473.32
MW - 2		10/25/10	3499.19	-	-	25.87	0.00	3473.32
MW - 2		11/03/10	3499.19	-	sheen	25.69	0.00	3473.50
MW - 2		11/10/10	3499.19	-	sheen	25.65	0.00	3473.54
MW - 2		11/18/10	3499.19	-	sheen	25.65	0.00	3473.54
MW - 2		12/09/10	3499.19	-	sheen	25.66	0.00	3473.53
MW - 2		01/18/11	3499.19	-	sheen	25.64	0.00	3473.55
MW - 2		02/22/11	3499.19	-	sheen	25.64	0.00	3473.55
MW - 2		03/01/11	3499.19	-	sheen	25.82	0.00	3473.37
MW - 2		03/07/11	3499.19	-	sheen	25.70	0.00	3473.49
MW - 2		03/22/11	3499.19	-	sheen	25.65	0.00	3473.54
MW - 2		03/22/11	3499.19	-	-	26.02	0.00	3473.17
MW - 2		05/05/11	3499.19	-	sheen	26.05	0.00	3473.14
MW - 2		05/10/11	3499.19	-	sheen	25.91	0.00	3473.28
MW - 2		05/17/11	3499.19	-	sheen	25.99	0.00	3473.20
MW - 2		05/17/11	3499.19	-	sheen	25.99	0.00	3473.20
MW - 2		05/24/11	3499.19	-	sheen	25.17	0.00	3474.02
MW - 2		06/07/11	3499.19	-	-	26.21	0.00	3472.98
MW - 2		06/14/11	3499.19	-	-	26.32	0.00	3472.87
MW - 2		06/23/11	3499.19	-	-	26.25	0.00	3472.94
MW - 2		06/28/11	3499.19	-	-	26.79	0.00	3472.40
MW - 2		07/06/11	3499.19	-	sheen	26.80	0.00	3472.39
MW - 2		07/14/11	3499.19	-	-	26.79	0.00	3472.40
MW - 2		07/27/11	3499.19	-	-	26.75	0.00	3472.44
MW - 2		08/03/11	3499.19	-	-	27.04	0.00	3472.15
MW - 2		08/11/11	3499.19	-	-	27.14	0.00	3472.05
MW - 2		08/18/11	3499.19	-	-	27.10	0.00	3472.09
MW - 2		08/25/11	3499.19	-	-	27.15	0.00	3472.04
MW - 2		09/02/11	3499.19	-	-	27.22	0.00	3471.97
MW - 2		09/09/11	3499.19	-	-	27.32	0.00	3471.87
MW - 2		11/08/11	3499.19	-	-	27.26	0.00	3471.93
MW - 2		12/28/11	3499.19	-	-	27.07	0.00	3472.12
MW - 2		01/05/12	3499.19	-	-	27.08	0.00	3472.11
MW - 2		01/18/12	3499.19	-	-	27.01	0.00	3472.18
MW - 2		01/27/12	3499.19	-	-	26.99	0.00	3472.20
MW - 2		02/02/12	3499.19	-	-	26.93	0.00	3472.26
MW - 2		02/10/12	3499.19	-	-	27.07	0.00	3472.12
MW - 2		02/15/12	3499.19	-	-	26.99	0.00	3472.20
MW - 2		03/01/12	3499.19	-	-	26.82	0.00	3472.37

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2		03/07/12	3499.19	-	-	26.88	0.00	3472.31
MW - 2		03/14/12	3499.19	-	-	26.91	0.00	3472.28
MW - 2		03/19/12	3499.19	-	-	26.87	0.00	3472.32
MW - 2		03/26/12	3499.19	-	-	26.84	0.00	3472.35
MW - 2		04/04/12	3499.19	-	-	26.88	0.00	3472.31
MW - 2		04/11/12	3499.19	-	-	26.87	0.00	3472.32
MW - 2		04/17/12	3499.19	-	-	26.89	0.00	3472.30
MW - 2		04/25/12	3499.19	-	-	26.82	0.00	3472.37
MW - 2		05/23/12	3499.19	-	-	26.89	0.00	3472.30
MW - 2		05/31/12	3499.19	-	-	27.05	0.00	3472.14
MW - 2		06/06/12	3499.19	-	-	27.03	0.00	3472.16
MW - 2		06/13/12	3499.19	-	-	27.14	0.00	3472.05
MW - 2		06/20/12	3499.19	-	-	27.06	0.00	3472.13
MW - 2		07/11/12	3499.19	-	-	27.05	0.00	3472.14
MW - 2		07/18/12	3499.19	-	-	27.52	0.00	3471.67
MW - 2		08/02/12	3499.19	-	-	27.44	0.00	3471.75
MW - 2		08/09/12	3499.19	-	-	27.58	0.00	3471.61
MW - 2		08/16/12	3499.19	-	-	27.70	0.00	3471.49
MW - 2		10/02/12	3499.19	-	-	27.81	0.00	3471.38
MW - 2		10/10/12	3499.19	-	-	27.71	0.00	3471.48
MW - 2		10/17/12	3499.19	-	-	27.54	0.00	3471.65
MW - 2		10/26/12	3499.19	-	-	27.67	0.00	3471.52
MW - 2		11/01/12	3499.19	-	-	27.54	0.00	3471.65
MW - 2		11/19/12	3499.19	-	-	27.47	0.00	3471.72
MW - 2		12/13/12	3499.19	-	-	27.49	0.00	3471.70
MW - 2		12/18/12	3499.19	-	-	27.32	0.00	3471.87
MW - 2		01/08/13	3499.19	-	-	27.29	0.00	3471.90
MW - 2		01/16/13	3499.19	-	-	27.43	0.00	3471.76
MW - 2		01/24/13	3499.19	-	-	27.43	0.00	3471.76
MW - 2		01/30/13	3499.19	-	-	27.43	0.00	3471.76
MW - 2		02/12/13	3499.19	-	-	27.34	0.00	3471.85
MW - 2		03/19/13	3499.19	-	-	27.29	0.00	3471.90
MW - 2		04/02/13	3499.19	-	-	27.33	0.00	3471.86
MW - 2		04/08/13	3499.19	-	-	27.19	0.00	3472.00
MW - 2		04/16/13	3499.19	-	-	27.31	0.00	3471.88
MW - 2		04/23/13	3499.19	-	-	27.41	0.00	3471.78
MW - 2		05/01/13	3499.19	-	-	27.35	0.00	3471.84
MW - 2		05/08/13	3499.19	-	-	27.31	0.00	3471.88
MW - 2		05/15/13	3499.19	-	-	27.22	0.00	3471.97
MW - 2		05/17/13	3499.19	-	-	27.32	0.00	3471.87
MW - 2		05/23/13	3499.19	-	-	27.40	0.00	3471.79
MW - 2		05/29/13	3499.19	-	-	27.34	0.00	3471.85
MW - 2		06/12/13	3499.19	-	-	27.68	0.00	3471.51
MW - 2		06/19/13	3499.19	-	-	27.75	0.00	3471.44
MW - 2		06/27/13	3499.19	-	-	27.92	0.00	3471.27
MW - 2		07/02/13	3499.19	-	-	27.94	0.00	3471.25
MW - 2		07/08/13	3499.19	-	-	28.07	0.00	3471.12
MW - 2		07/15/13	3499.19	-	-	28.09	0.00	3471.10
MW - 2		07/23/13	3499.19	-	-	27.99	0.00	3471.20
MW - 2		07/29/13	3499.19	-	-	27.96	0.00	3471.23
MW - 2		08/07/13	3499.19	34.84	-	28.06	0.00	3471.13
MW - 2		08/15/13	3499.19	-	-	28.23	0.00	3470.96
MW - 2		08/20/13	3499.19	-	-	28.22	0.00	3470.97
MW - 2		08/28/13	3499.19	-	-	28.30	0.00	3470.89
MW - 2		09/05/13	3499.19	-	-	28.27	0.00	3470.92
MW - 2		09/09/13	3499.19	-	-	28.21	0.00	3470.98
MW - 2		09/18/13	3499.19	-	-	28.24	0.00	3470.95
MW - 2		09/28/13	3499.19	-	-	28.41	0.00	3470.78
MW - 2		10/01/13	3499.19	-	-	28.27	0.00	3470.92
MW - 2		10/08/13	3499.19	-	-	28.27	0.00	3470.92
MW - 2		10/14/13	3499.19	-	-	28.41	0.00	3470.78
MW - 2		10/23/13	3499.19	-	-	28.17	0.00	3471.02
MW - 2		10/29/13	3499.19	-	-	28.09	0.00	3471.10

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2		11/16/13	3499.19	-	-	27.96	0.00	3471.23
MW - 2		11/27/13	3499.19	34.62	-	28.12	0.00	3471.07
MW - 2		12/02/13	3499.19	-	-	27.83	0.00	3471.36
MW - 2		12/14/13	3499.19	-	-	28.10	0.00	3471.09
MW - 2		12/19/13	3499.19	-	-	27.80	0.00	3471.39
MW - 2		12/24/13	3499.19	-	-	27.88	0.00	3471.31
MW - 2		01/02/14	3499.19	-	-	27.85	0.00	3471.34
MW - 2		01/07/14	3499.19	-	-	27.76	0.00	3471.43
MW - 2		01/14/14	3499.19	-	-	27.89	0.00	3471.30
MW - 2		01/21/14	3499.19	-	-	27.77	0.00	3471.42
MW - 2		01/31/14	3499.19	-	-	27.76	0.00	3471.43
MW - 2	John F.	02/10/14	3499.19	34.58	-	27.78	0.00	3471.41
MW - 2	John F.	02/27/14	3499.19	-	-	27.64	0.00	3471.55
MW - 2	John & Jose	03/06/14	3499.19	-	-	28.68	0.00	3470.51
MW - 2	John & Jose	03/13/14	3499.19	-	-	27.78	0.00	3471.41
MW - 2	David F.	03/25/14	3499.19	-	-	27.81	0.00	3471.38
MW - 2	Baer & Justin	04/03/14	3499.19	-	-	27.70	0.00	3471.49
MW - 2	Manny & Chanc	04/07/14	3499.19	-	-	27.73	0.00	3471.46
MW - 2	Manny & Chanc	04/14/14	3499.19	-	-	27.89	0.00	3471.30
MW - 2	Manny & Chanc	04/23/14	3499.19	-	-	27.64	0.00	3471.55
MW - 2	Jose	04/28/14	3499.19	-	-	27.74	0.00	3471.45
MW - 2	Jose	05/05/14	3499.19	-	-	27.68	0.00	3471.51
MW - 2	Manny	05/14/14	3499.19	-	-	27.80	0.00	3471.39
MW - 2	David F.	05/22/14	3499.19	34.40	-	27.85	0.00	3471.34
MW - 2	Manny	05/28/14	3499.19	-	-	27.92	0.00	3471.27
MW - 2	Manny	06/02/14	3499.19	-	-	28.05	0.00	3471.14
MW - 2	Manny	06/12/14	3499.19	-	-	28.29	0.00	3470.90
MW - 2	Manny	06/17/14	3499.19	-	-	28.33	0.00	3470.86
MW - 2	Manny	06/25/14	3499.19	-	-	28.41	0.00	3470.78
MW - 2	Manny	06/30/14	3499.19	-	-	28.42	0.00	3470.77
MW - 2	Manny	07/11/14	3499.19	-	-	28.67	0.00	3470.52
MW - 2	Manny	07/14/14	3499.19	-	-	28.54	0.00	3470.65
MW - 2	Manny	07/22/14	3499.19	-	-	28.63	0.00	3470.56
MW - 2	Manny	07/23/14	3499.19	-	-	28.63	0.00	3470.56
MW - 2	Manny	08/05/14	3499.19	-	-	28.66	0.00	3470.53
MW - 2	Manny	08/12/14	3499.19	-	-	28.78	0.00	3470.41
MW - 2	David F.	08/13/14	3499.19	34.29	-	28.70	0.00	3470.49
MW - 2	David F.	08/27/14	3499.19	-	-	28.85	0.00	3470.34
MW - 2	Manny	09/17/14	3499.19	-	-	28.50	0.00	3470.69
MW - 2	Manny	09/23/14	3499.19	-	-	28.04	0.00	3471.15
MW - 2	Manny	10/10/14	3499.19	-	-	27.35	0.00	3471.84
MW - 2	Manny	10/15/14	3499.19	-	-	27.23	0.00	3471.96
MW - 2	Chance	10/20/14	3499.19	-	-	27.30	0.00	3471.89
MW - 2		10/27/14	3499.19	-	-	27.04	0.00	3472.15
MW - 2	Manny	11/04/14	3499.19	-	-	27.18	0.00	3472.01
MW - 2	Manny	11/06/14	3499.19	34.33	-	27.12	0.00	3472.07
MW - 2	Manny	11/11/14	3499.19	-	-	27.01	0.00	3472.18
MW - 2	Chance	11/18/14	3499.19	-	-	26.80	0.00	3472.39
MW - 2	Manny	12/02/14	3499.19	-	-	26.79	0.00	3472.40
MW - 2	Manny	12/09/14	3499.19	-	-	26.74	0.00	3472.45
MW - 2	Carlos	12/17/14	3499.19	-	-	26.69	0.00	3472.50
MW - 2	Manny	12/23/14	3499.19	-	-	26.78	0.00	3472.41
MW - 2	Manny	12/30/14	3499.19	-	-	26.86	0.00	3472.33
MW - 2	Manny	01/06/15	3499.19	-	-	26.73	0.00	3472.46
MW - 2	Carlos	01/09/15	3499.19	-	-	26.73	0.00	3472.46
MW - 2	Manny	01/13/15	3499.19	-	-	26.67	0.00	3472.52
MW - 2	Manny	01/21/15	3499.19	-	-	26.67	0.00	3472.52
MW - 2	Manny	01/26/15	3499.19	-	-	26.65	0.00	3472.54
MW - 2	Carlos	02/05/15	3499.19	-	-	26.69	0.00	3472.50
MW - 2	Carlos	02/16/15	3499.19	-	-	26.58	0.00	3472.61
MW - 2	Manny	02/17/15	3499.19	34.22	-	26.64	0.00	3472.55
MW - 2	Manny/Art	03/04/15	3499.19	-	-	26.56	0.00	3472.63
MW - 2	Manny	03/10/15	3499.19	-	-	26.52	0.00	3472.67

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HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2	Manny	03/16/15	3499.19	-	-	26.45	0.00	3472.74
MW - 2	Matt	03/23/15	3499.19	-	-	26.41	0.00	3472.78
MW - 2	Manny	03/31/15	3499.19	-	-	26.34	0.00	3472.85
MW - 2	Manny	04/03/15	3499.19	-	-	26.57	0.00	3472.62
MW - 2	Carlos/Matt	04/06/15	3499.19	-	-	26.38	0.00	3472.81
MW - 2	Manny/Art	04/16/15	3499.19	-	-	26.24	0.00	3472.95
MW - 2	Manny	04/22/15	3499.19	-	-	26.19	0.00	3473.00
MW - 2	Arthur	05/01/15	3499.19	-	-	26.21	0.00	3472.98
MW - 2	Matt	05/11/15	3499.19	-	-	26.25	0.00	3472.94
MW - 2	Manny	05/14/15	3499.19	34.06	-	26.10	0.00	3473.09
MW - 2	Arthur	05/29/15	3499.19	-	-	26.06	0.00	3473.13
MW - 2	Manny	06/04/15	3499.19	-	-	26.08	0.00	3473.11
MW - 2	Manny	06/09/15	3499.19	-	-	26.05	0.00	3473.14
MW - 2	Carlos	06/17/15	3499.19	-	-	26.13	0.00	3473.06
MW - 2	Carlos	06/23/15	3499.19	-	-	26.19	0.00	3473.00
MW - 2	Carlos	06/29/15	3499.19	-	-	26.15	0.00	3473.04
MW - 2	Manny/ Arthur	07/09/15	3499.19	-	-	26.32	0.00	3472.87
MW - 2	Manny	07/15/15	3499.19	-	-	26.37	0.00	3472.82
MW - 2	Carlos/Matt	07/20/15	3499.19	-	-	26.52	0.00	3472.67
MW - 2	Manny	07/30/15	3499.19	-	-	26.69	0.00	3472.50
MW - 2	Carlos	08/03/15	3499.19	-	-	26.67	0.00	3472.52
MW - 2	Manny/Arthur	08/04/15	3499.19	33.92	-	26.69	0.00	3472.50
MW - 2	Manny	08/11/15	3499.19	-	-	26.76	0.00	3472.43
MW - 2	Carlos	08/18/15	3499.19	-	-	26.72	0.00	3472.47
MW - 2	Carlos	08/26/15	3499.19	-	-	26.73	0.00	3472.46
MW - 2	Manny/Arthur	09/02/15	3499.19	-	-	26.64	0.00	3472.55
MW - 2	Carlos	10/22/15	3499.19	-	-	26.52	0.00	3472.67
MW - 2	Manny	11/17/15	3499.19	33.97	-	26.35	0.00	3472.84
MW - 2	Carlos	12/03/15	3499.19	-	-	26.34	0.00	3472.85
MW - 2	Carlos	12/09/15	3499.19	-	-	26.21	0.00	3472.98
MW - 2	Manny	01/06/16	3499.19	-	-	26.13	0.00	3473.06
MW - 2	Carlos	01/13/16	3499.19	-	-	26.15	0.00	3473.04
MW - 2	Manny	01/15/16	3499.19	-	-	26.15	0.00	3473.04
MW - 2	Carlos	01/29/16	3499.19	-	-	26.03	0.00	3473.16
MW - 2	Carlos	02/04/16	3499.19	-	-	25.99	0.00	3473.20
MW - 2	Manny	02/10/16	3499.19	33.90	-	26.19	0.00	3473.00
MW - 2	James	03/03/16	3499.19	-	-	26.15	0.00	3473.04
MW - 2	Manny	03/16/16	3499.19	-	-	26.04	0.00	3473.15
MW - 2	Manny	04/12/16	3499.19	-	-	25.92	0.00	3473.27
MW - 2	Manny	04/15/16	3499.19	-	-	25.79	0.00	3473.40
MW - 2	Manny	04/19/16	3499.19	-	-	25.83	0.00	3473.36
MW - 2	Manny	04/29/16	3499.19	-	-	25.82	0.00	3473.37
MW - 2	Carlos	05/04/16	3499.19	-	-	25.80	0.00	3473.39
MW - 2	Manny	05/13/16	3499.19	-	-	25.93	0.00	3473.26
MW - 2	Manny	05/18/16	3499.19	-	-	25.97	0.00	3473.22
MW - 2	Manny	05/25/16	3499.19	33.79	-	25.98	0.00	3473.21
MW - 2	Carlos	06/02/16	3499.19	-	-	26.03	0.00	3473.16
MW - 2	Carlos	06/06/16	3499.19	-	-	26.07	0.00	3473.12
MW - 2	Manny	06/28/16	3499.19	-	-	26.41	0.00	3472.78
MW - 2	Carlos	07/05/16	3499.19	-	-	26.51	0.00	3472.68
MW - 2	Carlos	07/14/16	3499.19	-	-	26.64	0.00	3472.55
MW - 2	Carlos	07/21/16	3499.19	-	-	26.83	0.00	3472.36
MW - 2	Carlos	07/25/16	3499.19	-	-	26.85	0.00	3472.34
MW - 2	Carlos	08/01/16	3499.19	-	-	26.84	0.00	3472.35
MW - 2	Carlos	08/09/16	3499.19	-	-	27.11	0.00	3472.08
MW - 2	Wes	08/15/16	3499.19	-	-	27.10	0.00	3472.09
MW - 2	Manny/ Wes	08/18/16	3499.19	33.74	-	27.10	0.00	3472.09
MW - 2	Carlos	08/22/16	3499.19	-	-	27.15	0.00	3472.04
MW - 2	Carlos	09/06/16	3499.19	-	-	26.42	0.00	3472.77
MW - 2	Carlos	09/12/16	3499.19	-	-	26.06	0.00	3473.13
MW - 2	Carlos	09/19/16	3499.19	-	-	25.77	0.00	3473.42
MW - 2	Wesley	09/26/16	3499.19	-	-	25.53	0.00	3473.66
MW - 2	Carlos	10/17/16	3499.19	-	-	25.13	0.00	3474.06

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2	Wesley	10/25/16	3499.19	33.60	-	25.19	0.00	3474.00
MW - 2	Carlos	11/03/16	3499.19	-	-	25.21	0.00	3473.98
MW - 2	Carlos	11/08/16	3499.19	-	-	25.14	0.00	3474.05
MW - 2	Carlos	11/15/16	3499.19		-	25.06	0.00	3474.13
MW - 2	Manny	11/22/16	3499.19	33.70	-	25.06	0.00	3474.13
MW - 2	Carlos	12/05/16	3499.19	-	-	25.09	0.00	3474.10
MW - 2	Wesley	12/13/16	3499.19	-	-	25.09	0.00	3474.10
MW - 2	Carlos	12/22/16	3499.19	-	-	25.05	0.00	3474.14
MW - 2	Carlos	12/27/16	3499.19	-	-	25.05	0.00	3474.14
MW - 2	Carlos	01/04/17	3499.19	-	-	24.97	0.00	3474.22
MW - 2	Carlos	01/13/17	3499.19	-	-	25.16	0.00	3474.03
MW - 2	Carlos	01/17/17	3499.19	-	-	25.09	0.00	3474.10
MW - 2	Carlos	01/24/17	3499.19	-	-	24.97	0.00	3474.22
MW - 2	Carlos	01/31/17	3499.19	-	-	24.97	0.00	3474.22
MW - 2	Carlos	02/07/17	3499.19	-	-	25.05	0.00	3474.14
MW - 2	Wesley	02/16/17	3499.19	-	-	24.94	0.00	3474.25
MW - 2	Carlos	02/20/17	3499.19	-	-	25.03	0.00	3474.16
MW - 2	Carlos	03/01/17	3499.19	33.63	-	24.95	0.00	3474.24
MW - 2	Carlos	03/06/17	3499.19	-	-	24.94	0.00	3474.25
MW - 2	Carlos	03/14/17	3499.19	-	-	24.92	0.00	3474.27
MW - 2	Carlos	03/24/17	3499.19	-	-	24.97	0.00	3474.22
MW - 2	Carlos	04/04/17	3499.19	-	-	24.85	0.00	3474.34
MW - 2	Manny	04/13/17	3499.19	-	-	24.85	0.00	3474.34
MW - 2	Manny/ Jeremy	04/19/17	3499.19	-	-	24.81	0.00	3474.38
MW - 2	Jeremy	05/01/17	3499.19	-	-	24.85	0.00	3474.34
MW - 2	Manny	05/11/17	3499.19	-	-	24.88	0.00	3474.31
MW - 2	Jeremy	05/18/17	3499.19	33.42	-	24.89	0.00	3474.30
MW - 2	Jeremy	05/23/17	3499.19	-	-	25.00	0.00	3474.19
MW - 2	Jeremy	06/06/17	3499.19	-	-	25.18	0.00	3474.01
MW - 2	Jeremy	06/12/17	3499.19	-	-	25.11	0.00	3474.08
MW - 2	Jeremy	07/03/17	3499.19	-	-	25.34	0.00	3473.85
MW - 2	Jeremy	07/25/17	3499.19	-	-	25.62	0.00	3473.57
MW - 2	Jeremy	08/14/17	3499.19	33.32	-	25.37	0.00	3473.82
MW - 2	Jeremy	08/21/17	3499.19	-	-	24.39	0.00	3474.80
MW - 2	Jeremy	09/06/17	3499.19	-	-	25.07	0.00	3474.12
MW - 2	Jeremy	09/12/17	3499.19	-	-	25.18	0.00	3474.01
MW - 2	Jeremy	10/04/17	3499.19	-	-	25.15	0.00	3474.04
MW - 2	Jeremy	10/17/17	3499.19	-	-	25.05	0.00	3474.14
MW - 2	Jeremy	10/23/17	3499.19	-	-	25.03	0.00	3474.16
MW - 2	Jeremy	10/30/17	3499.19	-	-	25.06	0.00	3474.13
MW - 2	Manny/ Jeremy	11/15/17	3499.19	33.05	-	25.04	0.00	3474.15
MW - 2	Jeremy	12/04/17	3499.19	-	-	24.92	0.00	3474.27
MW - 2	Jeremy	12/22/17	3499.19	-	-	25.03	0.00	3474.16
MW - 2	Jeremy	12/29/17	3499.19	-	-	25.01	0.00	3474.18
MW - 2	Jeremy	01/02/18	3499.19	-	-	25.02	0.00	3474.17
MW - 2	Jeremy	01/17/18	3499.19	-	-	24.96	0.00	3474.23
MW - 2	Jeremy	01/23/18	3499.19	-	-	24.99	0.00	3474.20
MW - 2	Jeremy	01/29/18	3499.19	-	-	25.01	0.00	3474.18
MW - 2	Jeremy	02/05/18	3499.19	-	-	24.86	0.00	3474.33
MW - 2	Jeremy	02/14/18	3499.19	-	-	24.91	0.00	3474.28
MW - 2	Jeremy	02/19/18	3499.19	33.10	-	24.88	0.00	3474.31
MW - 2	Jeremy	03/28/18	3499.19	-	-	24.98	0.00	3474.21
MW - 2	Jeremy	04/05/18	3499.19	-	-	24.91	0.00	3474.28
MW - 2	Jeremy	04/27/18	3499.19	-	-	25.01	0.00	3474.18
MW - 2	Jeremy	05/16/18	3499.19	33.19	-	25.10	0.00	3474.09
MW - 2	Jeremy	06/15/18	3499.19	-	-	25.49	0.00	3473.70
MW - 2	Jeremy	06/19/18	3499.19	-	-	25.54	0.00	3473.65
MW - 2	Jeremy	06/29/18	3499.19	-	-	25.68	0.00	3473.51
MW - 2	Jeremy	07/16/18	3499.19	-	-	25.91	0.00	3473.28
MW - 2	Jeremy	08/14/18	3499.19	33.04	-	26.23	0.00	3472.96
MW - 2	Jeremy	09/05/18	3499.19	-	-	26.40	0.00	3472.79
MW - 2	Jeremy	09/10/18	3499.19	-	-	26.14	0.00	3473.05
MW - 2	Jeremy	10/08/18	3499.19	-	-	25.99	0.00	3473.20

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2	Jeremy	11/29/18	3499.19	32.97	-	25.64	0.00	3473.55
MW - 2	Jeremy	12/14/18	3499.19	-	-	25.67	0.00	3473.52
MW - 2	Manny/Elias	01/29/19	3499.19	-	-	25.49	0.00	3473.70
MW - 2	Manny/Elias	03/05/19	3499.19	32.90	-	25.54	0.00	3473.65
MW - 2	Jeremy	03/29/19	3499.19	-	-	25.31	0.00	3473.88
MW - 2	Jeremy	04/18/19	3499.19	-	-	25.37	0.00	3473.82
RW - 2	Manny	05/10/19	3499.19	-	-	26.07	0.00	3473.12
MW - 2	Manny/Elias	05/14/19	3499.19	32.95	-	25.35	0.00	3473.84
MW - 2	Manny/Elias	06/06/19	3499.19	-	-	25.55	0.00	3473.64
MW - 2	Manny/Elias	07/17/19	3499.19	-	-	26.02	0.00	3473.17
MW - 2	Elias	09/10/19	3499.19	32.91	-	26.42	0.00	3472.77
MW - 2	Elias	10/16/19	3499.19	-	-	26.02	0.00	3473.17
MW - 2	Elias	12/04/19	3499.19	32.92	-	25.61	0.00	3473.58
MW - 2	Elias	12/30/19	3499.19	-	-	25.61	0.00	3473.58
MW - 2	Elias	01/14/20	3499.19	-	-	25.55	0.00	3473.64
MW - 2	Elias	02/12/20	3499.19	32.88	-	25.46	0.00	3473.73
MW - 2	Elias	05/15/20	3499.19	-	-	25.10	0.00	3474.09
MW - 2	Manny	06/25/20	3499.19	32.77	-	25.76	0.00	3473.43
MW - 2	Manny	07/28/20	3499.19	-	-	26.17	0.00	3473.02
MW - 2	Manny	08/19/20	3499.19	32.69	-	26.32	0.00	3472.87
MW - 2	Manny	09/11/20	3499.19	-	-	26.51	0.00	3472.68
MW - 2	Manny	10/30/20	3499.19	-	-	26.60	0.00	3472.59
MW - 2	Manny	11/11/20	3499.19	32.74	-	26.55	0.00	3472.64
MW - 2	Manny	12/30/20	3499.19	-	-	26.57	0.00	3472.62
MW - 2	Manny	01/21/21	3499.19	-	-	26.48	0.00	3472.71
MW - 2	Manny	03/17/21	3499.19	32.75	-	26.66	0.00	3472.53
MW - 2	Manny	05/27/21	3499.19	32.66	-	26.62	0.00	3472.57
MW - 2	Manny	07/26/21	3499.19	-	-	26.80	0.00	3472.39
MW - 2	Manny	07/27/21	3499.19	-	-	26.80	0.00	3472.39
MW - 2	Manny	09/29/21	3499.19	32.66	-	27.05	0.00	3472.14
MW - 2	Manny	10/13/21	3499.19	-	-	26.99	0.00	3472.20
MW - 2	Manny	10/29/21	3499.19	-	-	27.09	0.00	3472.10
MW - 2	Manny	12/02/21	3499.19	-	-	26.94	0.00	3472.25
MW - 2	Manny	01/13/22	3499.19	-	-	26.86	0.00	3472.33
MW - 2	Manny	03/03/22	3499.19	32.58	-	27.00	0.00	3472.19
MW - 2	Manny	03/17/22	3499.19	-	-	26.95	0.00	3472.24
MW - 2	Manny	04/28/22	3499.19	-	-	26.99	0.00	3472.20
MW - 2	Manny	06/01/22	3499.19	32.62	-	27.47	0.00	3471.72
MW - 2	Manny	08/24/22	3499.19	32.60	-	28.26	0.00	3470.93
MW - 2	Manny	10/18/22	3499.19	32.54	-	27.84	0.00	3471.35
MW - 2	Manny	03/09/23	3499.19	32.58	-	27.28	0.00	3471.91
MW - 2	Manny	05/03/23	3499.19	32.54	-	27.15	0.00	3472.04
MW - 2	Manny	08/30/23	3499.19	32.46	-	28.34	0.00	3470.85
MW - 2	Manny	11/30/23	3499.19	32.54	-	27.69	0.00	3471.50
MW - 2	Manny	03/25/24	3499.19	32.54	-	27.37	0.00	3471.82
MW - 2	Manny	06/19/24	3499.19	32.52	-	28.35	0.00	3470.84
MW - 2	Manny	09/10/24	3499.19	32.52	-	28.65	0.00	3470.54
MW - 2	Manny	11/13/24	3499.19	32.52	-	28.67	0.00	3470.52
MW - 3		02/03/99	3500.05	-	-	30.36	0.00	3469.69
MW - 3		05/13/99	3500.05	-	-	29.99	0.00	3470.06
MW - 3		08/24/99	3500.05	-	-	30.40	0.00	3469.65
MW - 3		11/30/99	3500.05	-	-	29.87	0.00	3470.18
MW - 3		03/03/00	3500.05	-	-	29.95	0.00	3470.10
MW - 3		05/16/00	3500.05	-	-	30.03	0.00	3470.02
MW - 3		09/01/00	3500.05	-	-	30.56	0.00	3469.49
MW - 3		11/21/00	3500.05	-	-	30.21	0.00	3469.84
MW - 3		03/05/01	3500.05	-	-	30.25	0.00	3469.80
MW - 3		05/17/01	3500.05	-	-	30.05	0.00	3470.00
MW - 3		08/27/01	3500.05	-	-	31.00	0.00	3469.05
MW - 3		10/24/01	3500.05	-	-	30.40	0.00	3469.65
MW - 3		03/27/02	3500.05	-	-	29.90	0.00	3470.15
MW - 3		05/14/02	3500.05	-	-	29.58	0.00	3470.47

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3		06/07/02	3500.05	-	-	29.68	0.00	3470.37
MW - 3		09/27/02	3500.05	-	-	29.78	0.00	3470.27
MW - 3		12/04/02	3500.05	-	-	29.60	0.00	3470.45
MW - 3		02/25/03	3500.05	-	29.44	29.66	0.22	3470.58
MW - 3		03/06/03	3500.05	-	29.46	29.65	0.19	3470.56
MW - 3		03/11/03	3500.05	-	29.51	29.52	0.01	3470.54
MW - 3		03/20/03	3500.05	-	29.54	29.56	0.02	3470.51
MW - 3		04/02/03	3500.05	-	29.38	29.39	0.01	3470.67
MW - 3		04/16/03	3500.05	-	29.53	29.56	0.03	3470.52
MW - 3		04/23/03	3500.05	-	29.39	29.42	0.03	3470.66
MW - 3		04/29/03	3500.05	-	29.35	29.39	0.04	3470.69
MW - 3		05/15/03	3500.05	-	29.51	29.58	0.07	3470.53
MW - 3		05/22/03	3500.05	-	-	29.62	0.00	3470.43
MW - 3		05/28/03	3500.05	-	sheen	29.28	0.00	3470.77
MW - 3		06/04/03	3500.05	-	29.71	29.72	0.01	3470.34
MW - 3		06/10/03	3500.05	-	30.05	30.10	0.05	3469.99
MW - 3		06/26/03	3500.05	-	29.62	29.66	0.04	3470.42
MW - 3		07/07/03	3500.05	-	30.28	30.39	0.11	3469.75
MW - 3		07/30/03	3500.05	-	30.27	30.36	0.09	3469.77
MW - 3		08/05/03	3500.05	-	30.67	30.73	0.06	3469.37
MW - 3		08/21/03	3500.05	-	30.86	30.92	0.06	3469.18
MW - 3		08/26/03	3500.05	-	30.95	30.98	0.03	3469.10
MW - 3		09/08/03	3500.05	-	-	31.07	0.00	3468.98
MW - 3		09/15/03	3500.05	-	-	31.04	0.00	3469.01
MW - 3		09/24/03	3500.05	-	sheen	31.00	0.00	3469.05
MW - 3		10/02/03	3500.05	-	sheen	30.94	0.00	3469.11
MW - 3		10/08/03	3500.05	-	sheen	30.86	0.00	3469.19
MW - 3		10/16/03	3500.05	-	-	31.17	0.00	3468.88
MW - 3		10/28/03	3500.05	-	sheen	31.19	0.00	3468.86
MW - 3		11/11/03	3500.05	-	sheen	31.28	0.00	3468.77
MW - 3		11/18/03	3500.05	-	sheen	31.08	0.00	3468.97
MW - 3		11/25/03	3500.05	-	-	29.80	0.00	3470.25
MW - 3		12/08/03	3500.05	-	sheen	30.87	0.00	3469.18
MW - 3		01/27/04	3500.05	-	-	31.57	0.00	3468.48
MW - 3		02/02/04	3500.05	-	-	31.54	0.00	3468.51
MW - 3		02/10/04	3500.05	-	-	30.87	0.00	3469.18
MW - 3		02/20/04	3500.05	-	-	31.04	0.00	3469.01
MW - 3		03/04/04	3500.05	-	-	30.85	0.00	3469.20
MW - 3		03/16/04	3500.05	-	-	31.17	0.00	3468.88
MW - 3		03/25/04	3500.05	-	-	31.20	0.00	3468.85
MW - 3		03/31/04	3500.05	-	31.19	31.20	0.01	3468.86
MW - 3		04/01/04	3500.05	-	-	31.42	0.00	3468.63
MW - 3		04/08/04	3500.05	-	-	29.29	0.00	3470.76
MW - 3		04/14/04	3500.05	-	-	29.76	0.00	3470.29
MW - 3		04/22/04	3500.05	-	28.86	28.87	0.01	3471.19
MW - 3		04/29/04	3500.05	-	-	28.71	0.00	3471.34
MW - 3		05/05/04	3500.05	-	-	29.21	0.00	3470.84
MW - 3		05/10/04	3500.05	-	-	26.82	0.00	3473.23
MW - 3		06/08/04	3500.05	-	-	28.54	0.00	3471.51
MW - 3		06/17/04	3500.05	-	sheen	28.71	0.00	3471.34
MW - 3		06/22/04	3500.05	-	-	28.76	0.00	3471.29
MW - 3		06/25/04	3500.05	-	-	28.73	0.00	3471.32
MW - 3		06/29/04	3500.05	-	-	28.69	0.00	3471.36
MW - 3		07/01/04	3500.05	-	sheen	28.72	0.00	3471.33
MW - 3		07/08/04	3500.05	-	-	28.72	0.00	3471.33
MW - 3		07/13/04	3500.05	-	-	28.77	0.00	3471.28
MW - 3		07/20/04	3500.05	-	-	28.85	0.00	3471.20
MW - 3		08/04/04	3500.05	-	-	28.87	0.00	3471.18
MW - 3		08/10/04	3500.05	-	-	28.89	0.00	3471.16
MW - 3		08/17/04	3500.05	-	sheen	29.00	0.00	3471.05
MW - 3		08/23/04	3500.05	-	sheen	28.82	0.00	3471.23
MW - 3		08/25/04	3500.05	-	-	28.88	0.00	3471.17
MW - 3		08/31/04	3500.05	-	sheen	29.00	0.00	3471.05

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3		09/13/04	3500.05	-	sheen	28.95	0.00	3471.10
MW - 3		09/20/04	3500.05	-	sheen	29.00	0.00	3471.05
MW - 3		09/30/04	3500.05	-	sheen	29.10	0.00	3470.95
MW - 3		10/04/04	3500.05	-	sheen	28.28	0.00	3471.77
MW - 3		10/11/04	3500.05	-	sheen	28.10	0.00	3471.95
MW - 3		10/18/04	3500.05	-	sheen	27.77	0.00	3472.28
MW - 3		10/27/04	3500.05	-	sheen	27.84	0.00	3472.21
MW - 3		11/02/04	3500.05	-	sheen	27.70	0.00	3472.35
MW - 3		11/08/04	3500.05	-	sheen	27.65	0.00	3472.40
MW - 3		11/23/04	3500.05	-	sheen	27.60	0.00	3472.45
MW - 3		12/01/04	3500.05	-	sheen	27.35	0.00	3472.70
MW - 3		12/02/04	3500.05	-	sheen	27.35	0.00	3472.70
MW - 3		12/08/04	3500.05	-	sheen	27.21	0.00	3472.84
MW - 3		12/14/04	3500.05	-	sheen	27.30	0.00	3472.75
MW - 3		12/21/04	3500.05	-	sheen	27.17	0.00	3472.88
MW - 3		12/29/04	3500.05	-	sheen	27.09	0.00	3472.96
MW - 3		01/11/05	3500.05	-	sheen	26.97	0.00	3473.08
MW - 3		01/14/05	3500.05	-	sheen	27.00	0.00	3473.05
MW - 3		01/18/05	3500.05	-	sheen	27.02	0.00	3473.03
MW - 3		01/21/05	3500.05	-	sheen	26.89	0.00	3473.16
MW - 3		01/25/05	3500.05	-	sheen	26.93	0.00	3473.12
MW - 3		01/28/05	3500.05	-	sheen	26.93	0.00	3473.12
MW - 3		02/02/05	3500.05	-	sheen	27.03	0.00	3473.02
MW - 3		02/05/05	3500.05	-	sheen	26.87	0.00	3473.18
MW - 3		02/08/05	3500.05	-	sheen	26.90	0.00	3473.15
MW - 3		02/11/05	3500.05	-	sheen	26.95	0.00	3473.10
MW - 3		02/15/05	3500.05	-	sheen	26.93	0.00	3473.12
MW - 3		02/18/05	3500.05	-	sheen	26.99	0.00	3473.06
MW - 3		02/22/05	3500.05	-	sheen	26.82	0.00	3473.23
MW - 3		02/25/05	3500.05	-	sheen	26.92	0.00	3473.13
MW - 3		03/01/05	3500.05	-	sheen	26.87	0.00	3473.18
MW - 3		03/04/05	3500.05	-	sheen	26.86	0.00	3473.19
MW - 3		03/08/05	3500.05	-	sheen	26.74	0.00	3473.31
MW - 3		03/10/05	3500.05	-	sheen	26.74	0.00	3473.31
MW - 3		03/11/05	3500.05	-	sheen	26.75	0.00	3473.30
MW - 3		03/15/05	3500.05	-	sheen	26.73	0.00	3473.32
MW - 3		03/19/05	3500.05	-	sheen	26.73	0.00	3473.32
MW - 3		03/22/05	3500.05	-	sheen	26.71	0.00	3473.34
MW - 3		03/28/05	3500.05	-	sheen	26.65	0.00	3473.40
MW - 3		04/01/05	3500.05	-	sheen	26.85	0.00	3473.20
MW - 3		04/05/05	3500.05	-	sheen	26.57	0.00	3473.48
MW - 3		04/08/05	3500.05	-	sheen	26.58	0.00	3473.47
MW - 3		04/12/05	3500.05	-	sheen	26.58	0.00	3473.47
MW - 3		04/15/05	3500.05	-	sheen	26.55	0.00	3473.50
MW - 3		05/25/05	3500.05	-	sheen	26.25	0.00	3473.80
MW - 3		06/03/05	3500.05	-	sheen	26.12	0.00	3473.93
MW - 3		06/06/05	3500.05	-	sheen	26.11	0.00	3473.94
MW - 3		06/10/05	3500.05	-	-	26.10	0.00	3473.95
MW - 3		06/13/05	3500.05	-	sheen	26.33	0.00	3473.72
MW - 3		06/20/05	3500.05	-	sheen	26.37	0.00	3473.68
MW - 3		06/24/05	3500.05	-	sheen	26.33	0.00	3473.72
MW - 3		06/27/05	3500.05	-	sheen	26.34	0.00	3473.71
MW - 3		07/18/05	3500.05	-	sheen	26.68	0.00	3473.37
MW - 3		07/25/05	3500.05	-	sheen	26.72	0.00	3473.33
MW - 3		08/01/05	3500.05	-	sheen	26.82	0.00	3473.23
MW - 3		08/04/05	3500.05	-	sheen	26.83	0.00	3473.22
MW - 3		08/10/05	3500.05	-	26.84	26.85	0.01	3473.21
MW - 3		08/16/05	3500.05	-	sheen	26.98	0.00	3473.07
MW - 3		08/23/05	3500.05	-	sheen	26.75	0.00	3473.30
MW - 3		08/29/05	3500.05	-	sheen	26.66	0.00	3473.39
MW - 3		09/06/05	3500.05	-	sheen	26.62	0.00	3473.43
MW - 3		09/09/05	3500.05	-	26.27	26.28	0.01	3473.78
MW - 3		09/12/05	3500.05	-	26.58	26.59	0.01	3473.47

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3		09/19/05	3500.05	-	sheen	26.81	0.00	3473.24
MW - 3		09/27/05	3500.05	-	sheen	26.84	0.00	3473.21
MW - 3		10/03/05	3500.05	-	sheen	26.89	0.00	3473.16
MW - 3		10/10/05	3500.05	-	sheen	26.73	0.00	3473.32
MW - 3		10/17/05	3500.05	-	sheen	26.70	0.00	3473.35
MW - 3		10/24/05	3500.05	-	sheen	26.64	0.00	3473.41
MW - 3		11/01/05	3500.05	-	sheen	26.59	0.00	3473.46
MW - 3		11/08/05	3500.05	-	sheen	26.64	0.00	3473.41
MW - 3		11/15/05	3500.05	-	sheen	26.65	0.00	3473.40
MW - 3		11/22/05	3500.05	-	sheen	26.49	0.00	3473.56
MW - 3		11/27/05	3500.05	-	sheen	26.51	0.00	3473.54
MW - 3		12/05/05	3500.05	-	-	26.42	0.00	3473.63
MW - 3		12/07/05	3500.05	-	sheen	26.51	0.00	3473.54
MW - 3		12/16/05	3500.05	-	sheen	26.40	0.00	3473.65
MW - 3		12/29/05	3500.05	-	sheen	26.33	0.00	3473.72
MW - 3		01/03/06	3500.05	-	sheen	26.43	0.00	3473.62
MW - 3		01/09/06	3500.05	-	sheen	26.50	0.00	3473.55
MW - 3		01/16/06	3500.05	-	sheen	26.30	0.00	3473.75
MW - 3		01/23/06	3500.05	-	sheen	26.51	0.00	3473.54
MW - 3		01/30/06	3500.05	-	sheen	26.53	0.00	3473.52
MW - 3		02/07/06	3500.05	-	sheen	26.43	0.00	3473.62
MW - 3		02/14/06	3500.05	-	sheen	26.36	0.00	3473.69
MW - 3		02/21/06	3500.05	-	sheen	26.34	0.00	3473.71
MW - 3		02/27/06	3500.05	-	sheen	26.35	0.00	3473.70
MW - 3		03/06/06	3500.05	-	sheen	26.36	0.00	3473.69
MW - 3		03/09/06	3500.05	-	sheen	26.27	0.00	3473.78
MW - 3		03/17/06	3500.05	-	sheen	26.48	0.00	3473.57
MW - 3		03/21/06	3500.05	-	sheen	26.49	0.00	3473.56
MW - 3		03/28/06	3500.05	-	sheen	26.50	0.00	3473.55
MW - 3		04/03/06	3500.05	-	sheen	26.47	0.00	3473.58
MW - 3		04/10/06	3500.05	-	sheen	26.23	0.00	3473.82
MW - 3		04/17/06	3500.05	-	sheen	26.22	0.00	3473.83
MW - 3		05/01/06	3500.05	-	sheen	26.28	0.00	3473.77
MW - 3		05/08/06	3500.05	-	sheen	26.27	0.00	3473.78
MW - 3		05/15/06	3500.05	-	sheen	26.55	0.00	3473.50
MW - 3		06/05/06	3500.05	-	sheen	26.69	0.00	3473.36
MW - 3		06/08/06	3500.05	-	-	26.86	0.00	3473.19
MW - 3		06/12/06	3500.05	-	sheen	26.90	0.00	3473.15
MW - 3		06/19/06	3500.05	-	-	27.70	0.00	3472.35
MW - 3		09/06/06	3500.05	-	sheen	26.58	0.00	3473.47
MW - 3		09/11/06	3500.05	-	-	26.61	0.00	3473.44
MW - 3		09/15/06	3500.05	-	-	26.53	0.00	3473.52
MW - 3		10/09/06	3500.05	-	sheen	26.55	0.00	3473.50
MW - 3		10/17/06	3500.05	-	sheen	26.48	0.00	3473.57
MW - 3		11/29/06	3500.05	-	-	26.30	0.00	3473.75
MW - 3		01/04/07	3500.05	-	sheen	26.18	0.00	3473.87
MW - 3		02/14/07	3500.05	-	-	26.31	0.00	3473.74
MW - 3		02/26/07	3500.05	-	-	26.21	0.00	3473.84
MW - 3		04/03/07	3500.05	-	-	26.29	0.00	3473.76
MW - 3		04/17/07	3500.05	-	sheen	26.04	0.00	3474.01
MW - 3		05/21/07	3500.05	-	-	25.79	0.00	3474.26
MW - 3		08/16/07	3500.05	-	-	26.53	0.00	3473.52
MW - 3		09/13/07	3500.05	-	sheen	26.55	0.00	3473.50
MW - 3		11/07/07	3500.05	-	-	26.24	0.00	3473.81
MW - 3		01/09/08	3500.05	-	-	26.04	0.00	3474.01
MW - 3		01/16/08	3500.05	-	-	26.19	0.00	3473.86
MW - 3		01/23/08	3500.05	-	-	26.29	0.00	3473.76
MW - 3		02/08/08	3500.05	-	-	24.57	0.00	3475.48
MW - 3		02/12/08	3500.05	-	-	26.31	0.00	3473.74
MW - 3		02/22/08	3500.05	-	-	26.30	0.00	3473.75
MW - 3		03/05/08	3500.05	-	-	26.28	0.00	3473.77
MW - 3		06/23/08	3500.05	-	-	26.90	0.00	3473.15
MW - 3		05/15/08	3500.05	-	-	26.41	0.00	3473.64

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3		08/18/08	3500.05	-	-	27.49	0.00	3472.56
MW - 3		09/17/08	3500.05	-	-	27.18	0.00	3472.87
MW - 3		09/29/08	3500.05	-	-	27.10	0.00	3472.95
MW - 3		10/06/08	3500.05	-	-	27.10	0.00	3472.95
MW - 3		10/13/08	3500.05	-	-	27.18	0.00	3472.87
MW - 3		10/20/08	3500.05	-	-	27.14	0.00	3472.91
MW - 3		10/29/08	3500.05	-	-	27.01	0.00	3473.04
MW - 3		11/05/08	3500.05	-	-	26.88	0.00	3473.17
MW - 3		11/10/08	3500.05	-	-	26.81	0.00	3473.24
MW - 3		11/13/08	3500.05	-	-	26.88	0.00	3473.17
MW - 3		12/03/08	3500.05	-	-	27.94	0.00	3472.11
MW - 3		12/16/08	3500.05	-	-	26.89	0.00	3473.16
MW - 3		12/30/08	3500.05	-	sheen	26.91	0.00	3473.14
MW - 3		01/06/09	3500.05	-	-	-	-	-
MW - 3		02/11/09	3500.05	-	-	26.94	0.00	3473.11
MW - 3		02/24/09	3500.05	-	-	26.89	0.00	3473.16
MW - 3		03/04/09	3500.05	-	-	26.84	0.00	3473.21
MW - 3		03/17/09	3500.05	-	-	26.92	0.00	3473.13
MW - 3		03/25/09	3500.05	-	-	26.89	0.00	3473.16
MW - 3		04/08/09	3500.05	-	-	26.91	0.00	3473.14
MW - 3		04/15/09	3500.05	-	-	26.41	0.00	3473.64
MW - 3		04/29/09	3500.05	-	-	26.40	0.00	3473.65
MW - 3		05/13/09	3500.05	-	-	26.94	0.00	3473.11
MW - 3		06/10/09	3500.05	-	-	26.83	0.00	3473.22
MW - 3		06/12/09	3500.05	-	-	27.39	0.00	3472.66
MW - 3		06/18/09	3500.05	-	-	26.82	0.00	3473.23
MW - 3		07/02/09	3500.05	-	-	27.61	0.00	3472.44
MW - 3		07/08/09	3500.05	-	-	26.66	0.00	3473.39
MW - 3		07/14/09	3500.05	-	-	26.03	0.00	3474.02
MW - 3		07/20/09	3500.05	-	-	26.05	0.00	3474.00
MW - 3		07/27/09	3500.05	-	-	26.05	0.00	3474.00
MW - 3		08/03/09	3500.05	-	-	27.67	0.00	3472.38
MW - 3		08/10/09	3500.05	-	-	27.81	0.00	3472.24
MW - 3		08/11/09	3500.05	-	-	27.81	0.00	3472.24
MW - 3		08/24/09	3500.05	-	-	27.97	0.00	3472.08
MW - 3		08/31/09	3500.05	-	-	28.04	0.00	3472.01
MW - 3		09/03/09	3500.05	-	-	27.99	0.00	3472.06
MW - 3		09/08/09	3500.05	-	-	28.12	0.00	3471.93
MW - 3		09/10/09	3500.05	-	-	28.15	0.00	3471.90
MW - 3		09/16/09	3500.05	-	-	28.10	0.00	3471.95
MW - 3		09/22/09	3500.05	-	-	28.22	0.00	3471.83
MW - 3		09/29/09	3500.05	-	-	26.07	0.00	3473.98
MW - 3		10/02/09	3500.05	-	-	28.11	0.00	3471.94
MW - 3		10/07/09	3500.05	-	-	28.11	0.00	3471.94
MW - 3		10/12/09	3500.05	-	-	26.67	0.00	3473.38
MW - 3		10/16/09	3500.05	-	-	28.09	0.00	3471.96
MW - 3		10/20/09	3500.05	-	-	26.67	0.00	3473.38
MW - 3		10/26/09	3500.05	-	-	26.67	0.00	3473.38
MW - 3		10/28/09	3500.05	-	-	28.04	0.00	3472.01
MW - 3		11/04/09	3500.05	-	-	28.21	0.00	3471.84
MW - 3		11/12/09	3500.05	-	-	28.02	0.00	3472.03
MW - 3		11/23/09	3500.05	-	-	28.09	0.00	3471.96
MW - 3		12/03/09	3500.05	-	sheen	28.17	0.00	3471.88
MW - 3		12/16/09	3500.05	-	sheen	28.15	0.00	3471.90
MW - 3		12/21/09	3500.05	-	-	27.99	0.00	3472.06
MW - 3		12/28/09	3500.05	-	-	26.65	0.00	3473.40
MW - 3		01/05/10	3500.05	-	-	28.09	0.00	3471.96
MW - 3		01/20/10	3500.05	-	-	26.63	0.00	3473.42
MW - 3		01/25/10	3500.05	-	-	26.63	0.00	3473.42
MW - 3		01/27/10	3500.05	-	sheen	28.15	0.00	3471.90
MW - 3		02/10/10	3500.05	-	-	28.16	0.00	3471.89
MW - 3		03/01/10	3500.05	-	-	26.64	0.00	3473.41
MW - 3		03/09/10	3500.05	-	-	28.18	0.00	3471.87

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3		03/11/10	3500.05	-	-	28.15	0.00	3471.90
MW - 3		05/25/10	3500.05	-	-	27.69	0.00	3472.36
MW - 3		06/07/10	3500.05	-	-	28.00	0.00	3472.05
MW - 3		06/12/10	3500.05	-	-	27.72	0.00	3472.33
MW - 3		06/25/10	3500.05	-	-	28.18	0.00	3471.87
MW - 3		07/07/10	3500.05	-	-	27.75	0.00	3472.30
MW - 3		07/12/10	3500.05	-	-	27.96	0.00	3472.09
MW - 3		07/26/10	3500.05	-	-	-	0.00	-
MW - 3		08/03/10	3500.05	-	-	27.14	0.00	3472.91
MW - 3		08/13/10	3500.05	-	-	27.15	0.00	3472.90
MW - 3		08/19/10	3500.05	-	-	27.16	0.00	3472.89
MW - 3		08/25/10	3500.05	-	-	27.21	0.00	3472.84
MW - 3		09/01/10	3500.05	-	-	27.15	0.00	3472.90
MW - 3		09/09/10	3500.05	-	-	27.21	0.00	3472.84
MW - 3		09/13/10	3500.05	-	-	27.17	0.00	3472.88
MW - 3		09/29/10	3500.05	-	-	27.20	0.00	3472.85
MW - 3		10/05/10	3500.05	-	-	27.19	0.00	3472.86
MW - 3		10/25/10	3500.05	-	-	27.17	0.00	3472.88
MW - 3		11/03/10	3500.05	-	-	27.18	0.00	3472.87
MW - 3		11/10/10	3500.05	-	-	26.31	0.00	3473.74
MW - 3		11/18/10	3500.05	-	-	26.31	0.00	3473.74
MW - 3		12/09/10	3500.05	-	-	27.17	0.00	3472.88
MW - 3		01/18/11	3500.05	-	-	26.31	0.00	3473.74
MW - 3		02/22/11	3500.05	-	-	26.29	0.00	3473.76
MW - 3		03/01/11	3500.05	-	sheen	27.69	0.00	3472.36
MW - 3		03/07/11	3500.05	-	sheen	27.43	0.00	3472.62
MW - 3		03/22/11	3500.05	-	-	26.28	0.00	3473.77
MW - 3		04/27/11	3500.05	-	sheen	27.70	0.00	3472.35
MW - 3		05/05/11	3500.05	-	sheen	27.75	0.00	3472.30
MW - 3		05/10/11	3500.05	-	sheen	27.73	0.00	3472.32
MW - 3		05/17/11	3500.05	-	sheen	27.73	0.00	3472.32
MW - 3		05/17/11	3500.05	-	-	27.73	0.00	3472.32
MW - 3		05/24/11	3500.05	-	sheen	27.68	0.00	3472.37
MW - 3		06/07/11	3500.05	-	-	27.81	0.00	3472.24
MW - 3		06/14/11	3500.05	-	-	27.85	0.00	3472.20
MW - 3		06/23/11	3500.05	-	-	27.81	0.00	3472.24
MW - 3		06/28/11	3500.05	-	-	27.87	0.00	3472.18
MW - 3		07/06/11	3500.05	-	sheen	28.45	0.00	3471.60
MW - 3		07/14/11	3500.05	-	-	28.43	0.00	3471.62
MW - 3		07/27/11	3500.05	-	-	28.20	0.00	3471.85
MW - 3		08/03/11	3500.05	-	-	28.65	0.00	3471.40
MW - 3		08/11/11	3500.05	-	-	28.80	0.00	3471.25
MW - 3		08/18/11	3500.05	-	-	28.70	0.00	3471.35
MW - 3		08/25/11	3500.05	-	-	28.76	0.00	3471.29
MW - 3		09/02/11	3500.05	-	-	28.80	0.00	3471.25
MW - 3		09/09/11	3500.05	-	-	28.92	0.00	3471.13
MW - 3		11/08/11	3500.05	-	-	28.85	0.00	3471.20
MW - 3		12/28/11	3500.05	-	-	28.72	0.00	3471.33
MW - 3		01/05/12	3500.05	-	-	28.74	0.00	3471.31
MW - 3		01/18/12	3500.05	-	-	28.68	0.00	3471.37
MW - 3		01/27/12	3500.05	-	-	28.72	0.00	3471.33
MW - 3		02/02/12	3500.05	-	-	28.65	0.00	3471.40
MW - 3		02/10/12	3500.05	-	-	28.67	0.00	3471.38
MW - 3		02/15/12	3500.05	-	-	28.70	0.00	3471.35
MW - 3		03/01/12	3500.05	-	-	28.53	0.00	3471.52
MW - 3		03/07/12	3500.05	-	-	28.56	0.00	3471.49
MW - 3		03/14/12	3500.05	-	-	28.58	0.00	3471.47
MW - 3		03/19/12	3500.05	-	-	28.50	0.00	3471.55
MW - 3		03/26/12	3500.05	-	-	28.51	0.00	3471.54
MW - 3		04/04/12	3500.05	-	-	28.54	0.00	3471.51
MW - 3		04/11/12	3500.05	-	-	28.50	0.00	3471.55
MW - 3		04/17/12	3500.05	-	-	28.59	0.00	3471.46
MW - 3		04/25/12	3500.05	-	-	28.47	0.00	3471.58

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3		05/23/12	3500.05	-	-	28.15	0.00	3471.90
MW - 3		05/31/12	3500.05	-	-	28.63	0.00	3471.42
MW - 3		06/06/12	3500.05	-	-	28.66	0.00	3471.39
MW - 3		06/13/12	3500.05	-	-	28.86	0.00	3471.19
MW - 3		06/20/12	3500.05	-	-	28.63	0.00	3471.42
MW - 3		07/11/12	3500.05	-	-	28.76	0.00	3471.29
MW - 3		07/18/12	3500.05	-	-	28.84	0.00	3471.21
MW - 3		08/02/12	3500.05	-	-	29.03	0.00	3471.02
MW - 3		08/09/12	3500.05	-	-	29.20	0.00	3470.85
MW - 3		08/16/12	3500.05	-	-	29.37	0.00	3470.68
MW - 3		10/02/12	3500.05	-	-	29.41	0.00	3470.64
MW - 3		10/10/12	3500.05	-	-	29.31	0.00	3470.74
MW - 3		10/17/12	3500.05	-	-	29.20	0.00	3470.85
MW - 3		10/26/12	3500.05	-	-	29.37	0.00	3470.68
MW - 3		11/01/12	3500.05	-	-	29.15	0.00	3470.90
MW - 3		11/19/12	3500.05	-	-	29.16	0.00	3470.89
MW - 3		12/13/12	3500.05	-	-	28.65	0.00	3471.40
MW - 3		12/18/12	3500.05	-	-	28.96	0.00	3471.09
MW - 3		01/08/13	3500.05	-	-	29.00	0.00	3471.05
MW - 3		01/16/13	3500.05	-	-	29.09	0.00	3470.96
MW - 3		01/24/13	3500.05	-	-	29.08	0.00	3470.97
MW - 3		01/30/13	3500.05	-	-	29.08	0.00	3470.97
MW - 3		02/12/13	3500.05	-	-	29.00	0.00	3471.05
MW - 3		03/19/13	3500.05	-	-	28.93	0.00	3471.12
MW - 3		04/02/13	3500.05	-	-	28.92	0.00	3471.13
MW - 3		04/08/13	3500.05	-	-	28.80	0.00	3471.25
MW - 3		04/16/13	3500.05	-	-	28.93	0.00	3471.12
MW - 3		04/23/13	3500.05	-	-	29.04	0.00	3471.01
MW - 3		05/01/13	3500.05	-	-	28.97	0.00	3471.08
MW - 3		05/08/13	3500.05	-	-	28.94	0.00	3471.11
MW - 3		05/15/13	3500.05	-	-	28.90	0.00	3471.15
MW - 3		05/17/13	3500.05	-	-	28.91	0.00	3471.14
MW - 3		05/23/13	3500.05	-	-	28.99	0.00	3471.06
MW - 3		05/29/13	3500.05	-	-	28.94	0.00	3471.11
MW - 3		06/12/13	3500.05	-	-	29.27	0.00	3470.78
MW - 3		06/19/13	3500.05	-	-	29.40	0.00	3470.65
MW - 3		06/27/13	3500.05	-	-	29.51	0.00	3470.54
MW - 3		07/02/13	3500.05	-	-	29.59	0.00	3470.46
MW - 3		07/08/13	3500.05	-	-	29.63	0.00	3470.42
MW - 3		07/15/13	3500.05	-	-	29.69	0.00	3470.36
MW - 3		07/23/13	3500.05	-	-	29.62	0.00	3470.43
MW - 3		07/29/13	3500.05	-	-	29.51	0.00	3470.54
MW - 3		08/07/13	3500.05	39.79	-	29.55	0.00	3470.50
MW - 3		08/15/13	3500.05	-	-	29.85	0.00	3470.20
MW - 3		08/20/13	3500.05	-	-	29.91	0.00	3470.14
MW - 3		08/28/13	3500.05	-	-	29.88	0.00	3470.17
MW - 3		09/05/13	3500.05	-	-	30.02	0.00	3470.03
MW - 3		09/09/13	3500.05	-	-	29.91	0.00	3470.14
MW - 3		09/18/13	3500.05	-	-	29.96	0.00	3470.09
MW - 3		09/28/13	3500.05	-	-	30.03	0.00	3470.02
MW - 3		10/01/13	3500.05	-	-	29.93	0.00	3470.12
MW - 3		10/08/13	3500.05	-	-	29.92	0.00	3470.13
MW - 3		10/14/13	3500.05	-	-	29.92	0.00	3470.13
MW - 3		10/23/13	3500.05	-	-	29.76	0.00	3470.29
MW - 3		10/29/13	3500.05	-	-	29.66	0.00	3470.39
MW - 3		11/16/13	3500.05	-	-	29.56	0.00	3470.49
MW - 3		11/27/13	3500.05	39.74	-	29.83	0.00	3470.22
MW - 3		12/02/13	3500.05	-	-	29.53	0.00	3470.52
MW - 3		12/14/13	3500.05	-	-	29.87	0.00	3470.18
MW - 3		12/19/13	3500.05	-	-	29.35	0.00	3470.70
MW - 3		12/24/13	3500.05	-	-	29.55	0.00	3470.50
MW - 3		01/02/14	3500.05	-	-	29.52	0.00	3470.53
MW - 3		01/07/14	3500.05	-	-	29.43	0.00	3470.62

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3		01/14/14	3500.05	-	-	29.55	0.00	3470.50
MW - 3		01/21/14	3500.05	-	-	29.47	0.00	3470.58
MW - 3		01/31/14	3500.05	-	-	29.43	0.00	3470.62
MW - 3	John F.	02/10/14	3500.05	39.73	-	29.45	0.00	3470.60
MW - 3	John F.	02/27/14	3500.05	-	-	29.37	0.00	3470.68
MW - 3	John & Jose	03/06/14	3500.05	-	-	29.36	0.00	3470.69
MW - 3	John & Jose	03/13/14	3500.05	-	-	29.40	0.00	3470.65
MW - 3	David F.	03/25/14	3500.05	-	-	29.41	0.00	3470.64
MW - 3	Baer & Justin	04/03/14	3500.05	-	-	29.31	0.00	3470.74
MW - 3	Manny & Chanc	04/07/14	3500.05	-	-	29.37	0.00	3470.68
MW - 3	Manny & Chanc	04/14/14	3500.05	-	-	29.51	0.00	3470.54
MW - 3	Manny & Chanc	04/23/14	3500.05	-	-	29.25	0.00	3470.80
MW - 3	Jose	04/28/14	3500.05	-	-	29.36	0.00	3470.69
MW - 3	Jose	05/05/14	3500.05	-	-	29.30	0.00	3470.75
MW - 3	Manny	05/14/14	3500.05	-	-	29.44	0.00	3470.61
MW - 3	David F.	05/22/14	3500.05	39.68	-	29.47	0.00	3470.58
MW - 3	Manny	05/28/14	3500.05	-	-	29.54	0.00	3470.51
MW - 3	Manny	06/02/14	3500.05	-	-	29.62	0.00	3470.43
MW - 3	Manny	06/12/14	3500.05	-	-	29.88	0.00	3470.17
MW - 3	Manny	06/17/14	3500.05	-	-	29.90	0.00	3470.15
MW - 3	Manny	06/25/14	3500.05	-	-	29.99	0.00	3470.06
MW - 3	Manny	06/30/14	3500.05	-	-	29.95	0.00	3470.10
MW - 3	Manny	07/11/14	3500.05	-	-	30.10	0.00	3469.95
MW - 3	Manny	07/14/14	3500.05	39.68	-	30.06	0.00	3469.99
MW - 3	Manny	07/22/14	3500.05	-	-	30.10	0.00	3469.95
MW - 3	Manny	07/23/14	3500.05	-	-	30.10	0.00	3469.95
MW - 3	Manny	08/05/14	3500.05	39.68	-	30.19	0.00	3469.86
MW - 3	Manny	08/12/14	3500.05	-	-	30.29	0.00	3469.76
MW - 3	David F.	08/13/14	3500.05	39.64	-	30.24	0.00	3469.81
MW - 3	David F.	08/27/14	3500.05	-	-	30.35	0.00	3469.70
MW - 3	Manny	09/17/14	3500.05	-	-	29.99	0.00	3470.06
MW - 3	Manny	09/23/14	3500.05	-	-	29.22	0.00	3470.83
MW - 3	Manny	10/10/14	3500.05	-	-	28.55	0.00	3471.50
MW - 3	Manny	10/15/14	3500.05	-	-	28.51	0.00	3471.54
MW - 3	Chance	10/20/14	3500.05	-	-	28.49	0.00	3471.56
MW - 3		10/27/14	3500.05	-	-	28.42	0.00	3471.63
MW - 3	Manny	11/04/14	3500.05	-	-	28.61	0.00	3471.44
MW - 3	Manny	11/06/14	3500.05	39.67	-	28.56	0.00	3471.49
MW - 3	Manny	11/11/14	3500.05	-	-	28.44	0.00	3471.61
MW - 3	Chance	11/18/14	3500.05	-	-	28.34	0.00	3471.71
MW - 3	Manny	12/02/14	3500.05	-	-	28.24	0.00	3471.81
MW - 3	Manny	12/09/14	3500.05	-	-	28.27	0.00	3471.78
MW - 3	Carlos	12/17/14	3500.05	-	-	28.18	0.00	3471.87
MW - 3	Manny	12/23/14	3500.05	-	-	28.34	0.00	3471.71
MW - 3	Manny	12/30/14	3500.05	-	-	28.43	0.00	3471.62
MW - 3	Manny	01/06/15	3500.05	-	-	28.30	0.00	3471.75
MW - 3	Carlos	01/09/15	3500.05	-	-	28.34	0.00	3471.71
MW - 3	Manny	01/13/15	3500.05	-	-	28.24	0.00	3471.81
MW - 3	Manny	01/21/15	3500.05	-	-	28.17	0.00	3471.88
MW - 3	Manny	01/26/15	3500.05	-	-	28.25	0.00	3471.80
MW - 3	Carlos	02/05/15	3500.05	-	-	28.30	0.00	3471.75
MW - 3	Carlos	02/16/15	3500.05	-	-	28.20	0.00	3471.85
MW - 3	Manny	02/17/15	3500.05	39.67	-	28.27	0.00	3471.78
MW - 3	Manny/Art	03/04/15	3500.05	-	-	28.18	0.00	3471.87
MW - 3	Manny	03/10/15	3500.05	-	-	28.13	0.00	3471.92
MW - 3	Manny	03/16/15	3500.05	-	-	28.07	0.00	3471.98
MW - 3	Matt	03/23/15	3500.05	-	-	28.06	0.00	3471.99
MW - 3	Manny	03/31/15	3500.05	-	-	27.96	0.00	3472.09
MW - 3	Manny	04/03/15	3500.05	-	-	28.19	0.00	3471.86
MW - 3	Carlos/Matt	04/06/15	3500.05	-	-	27.99	0.00	3472.06
MW - 3	Manny/Art	04/16/15	3500.05	-	-	27.84	0.00	3472.21
MW - 3	Manny	04/22/15	3500.05	-	-	27.80	0.00	3472.25
MW - 3	Arthur	05/01/15	3500.05	-	-	27.88	0.00	3472.17

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
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LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3	Matt	05/11/15	3500.05	-	-	27.85	0.00	3472.20
MW - 3	Manny	05/14/15	3500.05	39.66	-	27.70	0.00	3472.35
MW - 3	Arthur	05/29/15	3500.05	-	-	27.62	0.00	3472.43
MW - 3	Manny	06/04/15	3500.05	-	-	27.62	0.00	3472.43
MW - 3	Manny	06/09/15	3500.05	-	-	27.61	0.00	3472.44
MW - 3	Carlos	06/17/15	3500.05	-	-	27.71	0.00	3472.34
MW - 3	Carlos	06/23/15	3500.05	-	-	27.74	0.00	3472.31
MW - 3	Carlos	06/29/15	3500.05	-	-	27.70	0.00	3472.35
MW - 3	Manny/ Arthur	07/09/15	3500.05	-	-	27.88	0.00	3472.17
MW - 3	Manny	07/15/15	3500.05	-	-	27.92	0.00	3472.13
MW - 3	Carlos/Matt	07/20/15	3500.05	-	-	28.08	0.00	3471.97
MW - 3	Manny	07/30/15	3500.05	-	-	28.29	0.00	3471.76
MW - 3	Carlos	08/03/15	3500.05	-	-	28.25	0.00	3471.80
MW - 3	Manny/Arthur	08/04/15	3500.05	39.65	-	28.29	0.00	3471.76
MW - 3	Manny	08/11/15	3500.05	-	-	28.36	0.00	3471.69
MW - 3	Carlos	08/18/15	3500.05	-	-	28.32	0.00	3471.73
MW - 3	Carlos	08/26/15	3500.05	-	-	28.25	0.00	3471.80
MW - 3	Manny/Arthur	09/02/15	3500.05	-	-	28.10	0.00	3471.95
MW - 3	Carlos	10/22/15	3500.05	-	-	28.06	0.00	3471.99
MW - 3	Manny	11/17/15	3500.05	39.66	-	27.87	0.00	3472.18
MW - 3	Carlos	12/03/15	3500.05	-	-	27.92	0.00	3472.13
MW - 3	Carlos	12/09/15	3500.05	-	-	27.79	0.00	3472.26
MW - 3	Manny	01/06/16	3500.05	-	-	27.70	0.00	3472.35
MW - 3	Carlos	01/13/16	3500.05	-	-	27.79	0.00	3472.26
MW - 3	Manny	01/15/16	3500.05	-	-	27.77	0.00	3472.28
MW - 3	Carlos	01/29/16	3500.05	-	-	27.65	0.00	3472.40
MW - 3	Carlos	02/04/16	3500.05	-	-	27.60	0.00	3472.45
MW - 3	Manny	02/10/16	3500.05	39.67	-	27.75	0.00	3472.30
MW - 3	James	03/03/16	3500.05	-	-	27.82	0.00	3472.23
MW - 3	Manny	03/16/16	3500.05	-	-	27.65	0.00	3472.40
MW - 3	Manny	04/12/16	3500.05	-	-	27.53	0.00	3472.52
MW - 3	Manny	04/15/16	3500.05	-	-	27.40	0.00	3472.65
MW - 3	Manny	04/19/16	3500.05	-	-	27.43	0.00	3472.62
MW - 3	Manny	04/29/16	3500.05	-	-	27.43	0.00	3472.62
MW - 3	Carlos	05/04/16	3500.05	-	-	27.48	0.00	3472.57
MW - 3	Manny	05/13/16	3500.05	-	-	27.55	0.00	3472.50
MW - 3	Manny	05/18/16	3500.05	-	-	27.57	0.00	3472.48
MW - 3	Manny	05/25/16	3500.05	39.68	-	27.57	0.00	3472.48
MW - 3	Carlos	06/02/16	3500.05	-	-	27.64	0.00	3472.41
MW - 3	Carlos	06/06/16	3500.05	-	-	27.69	0.00	3472.36
MW - 3	Manny	06/28/16	3500.05	-	-	28.04	0.00	3472.01
MW - 3	Carlos	07/05/16	3500.05	-	-	28.14	0.00	3471.91
MW - 3	Carlos	07/14/16	3500.05	-	-	28.31	0.00	3471.74
MW - 3	Carlos	07/21/16	3500.05	-	-	28.48	0.00	3471.57
MW - 3	Carlos	07/25/16	3500.05	-	-	28.51	0.00	3471.54
MW - 3	Carlos	08/01/16	3500.05	-	-	28.58	0.00	3471.47
MW - 3	Carlos	08/09/16	3500.05	-	-	28.71	0.00	3471.34
MW - 3	Wes	08/15/16	3500.05	-	-	28.70	0.00	3471.35
MW - 3	Manny/ Wes	08/18/16	3500.05	39.65	-	28.70	0.00	3471.35
MW - 3	Carlos	08/22/16	3500.05	-	-	28.73	0.00	3471.32
MW - 3	Carlos	09/06/16	3500.05	-	-	27.53	0.00	3472.52
MW - 3	Carlos	09/12/16	3500.05	-	-	27.11	0.00	3472.94
MW - 3	Carlos	09/19/16	3500.05	-	-	26.85	0.00	3473.20
MW - 3	Wesley	09/26/16	3500.05	-	-	26.59	0.00	3473.46
MW - 3	Carlos	10/17/16	3500.05	-	-	26.42	0.00	3473.63
MW - 3	Wesley	10/25/16	3500.05	39.63	-	26.49	0.00	3473.56
MW - 3	Carlos	11/03/16	3500.05	-	-	26.71	0.00	3473.34
MW - 3	Carlos	11/08/16	3500.05	-	-	26.68	0.00	3473.37
MW - 3	Carlos	11/15/16	3500.05	-	-	26.57	0.00	3473.48
MW - 3	Manny	11/22/16	3500.05	39.64	-	26.54	0.00	3473.51
MW - 3	Carlos	12/05/16	3500.05	-	-	26.65	0.00	3473.40
MW - 3	Wesley	12/13/16	3500.05	-	-	26.65	0.00	3473.40
MW - 3	Carlos	12/22/16	3500.05	-	-	26.72	0.00	3473.33

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3	Carlos	12/27/16	3500.05	-	-	26.68	0.00	3473.37
MW - 3	Carlos	01/04/17	3500.05	-	-	26.58	0.00	3473.47
MW - 3	Carlos	01/13/17	3500.05	-	-	26.79	0.00	3473.26
MW - 3	Carlos	01/17/17	3500.05	-	-	26.68	0.00	3473.37
MW - 3	Carlos	01/24/17	3500.05	-	-	26.57	0.00	3473.48
MW - 3	Carlos	01/31/17	3500.05	-	-	26.53	0.00	3473.52
MW - 3	Carlos	02/07/17	3500.05	-	-	26.60	0.00	3473.45
MW - 3	Wesley	02/16/17	3500.05	-	-	26.51	0.00	3473.54
MW - 3	Carlos	02/20/17	3500.05	-	-	26.69	0.00	3473.36
MW - 3	Carlos	03/01/17	3500.05	39.70	-	26.80	0.00	3473.25
MW - 3	Carlos	03/06/17	3500.05	-	-	26.67	0.00	3473.38
MW - 3	Carlos	03/14/17	3500.05	-	-	26.52	0.00	3473.53
MW - 3	Carlos	03/24/17	3500.05	-	-	26.53	0.00	3473.52
MW - 3	Carlos	04/04/17	3500.05	-	-	26.43	0.00	3473.62
MW - 3	Manny	04/13/17	3500.05	-	-	26.42	0.00	3473.63
MW - 3	Manny/ Jeremy	04/19/17	3500.05	-	-	26.39	0.00	3473.66
MW - 3	Jeremy	05/01/17	3500.05	-	-	26.44	0.00	3473.61
MW - 3	Manny	05/11/17	3500.05	-	-	26.52	0.00	3473.53
MW - 3	Jeremy	05/18/17	3500.05	39.61	-	26.52	0.00	3473.53
MW - 3	Jeremy	05/23/17	3500.05	-	-	26.64	0.00	3473.41
MW - 3	Jeremy	06/06/17	3500.05	-	-	26.64	0.00	3473.41
MW - 3	Jeremy	06/12/17	3500.05	-	-	26.77	0.00	3473.28
MW - 3	Jeremy	07/03/17	3500.05	-	-	27.01	0.00	3473.04
MW - 3	Jeremy	07/25/17	3500.05	-	-	27.28	0.00	3472.77
MW - 3	Jeremy	08/14/17	3500.05	39.78	-	26.89	0.00	3473.16
MW - 3	Jeremy	08/21/17	3500.05	-	-	26.92	0.00	3473.13
MW - 3	Jeremy	09/06/17	3500.05	-	-	26.63	0.00	3473.42
MW - 3	Jeremy	09/12/17	3500.05	-	-	26.69	0.00	3473.36
MW - 3	Jeremy	10/04/17	3500.05	-	-	26.76	0.00	3473.29
MW - 3	Jeremy	10/17/17	3500.05	-	-	26.56	0.00	3473.49
MW - 3	Jeremy	10/23/17	3500.05	-	-	26.57	0.00	3473.48
MW - 3	Jeremy	10/30/17	3500.05	-	-	26.63	0.00	3473.42
MW - 3	Manny/ Jeremy	11/15/17	3500.05	39.73	-	26.67	0.00	3473.38
MW - 3	Jeremy	12/04/17	3500.05	-	-	26.49	0.00	3473.56
MW - 3	Jeremy	12/22/17	3500.05	-	-	26.64	0.00	3473.41
MW - 3	Jeremy	12/29/17	3500.05	-	-	26.66	0.00	3473.39
MW - 3	Jeremy	01/02/18	3500.05	-	-	26.68	0.00	3473.37
MW - 3	Jeremy	01/17/18	3500.05	-	-	26.64	0.00	3473.41
MW - 3	Jeremy	01/23/18	3500.05	-	-	26.65	0.00	3473.40
MW - 3	Jeremy	01/29/18	3500.05	-	-	26.72	0.00	3473.33
MW - 3	Jeremy	02/05/18	3500.05	-	-	26.54	0.00	3473.51
MW - 3	Jeremy	02/14/18	3500.05	-	-	26.59	0.00	3473.46
MW - 3	Jeremy	02/20/18	3500.05	39.69	-	26.45	0.00	3473.60
MW - 3	Jeremy	03/28/18	3500.05	-	-	26.61	0.00	3473.44
MW - 3	Jeremy	04/05/18	3500.05	-	-	26.56	0.00	3473.49
MW - 3	Manny	04/13/18	3500.05	-	-	26.56	0.00	3473.49
MW - 3	Jeremy	04/27/18	3500.05	-	-	26.69	0.00	3473.36
MW - 3	Jeremy	05/16/18	3500.05	39.62	-	26.74	0.00	3473.31
MW - 3	Jeremy	06/15/18	3500.05	-	-	27.13	0.00	3472.92
MW - 3	Jeremy	06/19/18	3500.05	-	-	27.20	0.00	3472.85
MW - 3	Jeremy	06/29/18	3500.05	-	-	27.33	0.00	3472.72
MW - 3	Jeremy	07/16/18	3500.05	-	-	27.59	0.00	3472.46
MW - 3	Jeremy	08/14/18	3500.05	39.59	-	27.84	0.00	3472.21
MW - 3	Jeremy	09/05/18	3500.05	-	-	28.07	0.00	3471.98
MW - 3	Jeremy	09/10/18	3500.05	-	-	27.72	0.00	3472.33
MW - 3	Jeremy	10/08/18	3500.05	-	-	27.59	0.00	3472.46
MW - 3	Jeremy	11/29/18	3500.05	39.56	-	27.15	0.00	3472.90
MW - 3	Jeremy	12/14/18	3500.05	-	-	27.24	0.00	3472.81
MW - 3	Manny/Elias	01/29/19	3500.05	-	-	27.10	0.00	3472.95
MW - 3	Manny/Elias	03/05/19	3500.05	39.59	-	27.16	0.00	3472.89
MW - 3	Jeremy	03/29/19	3500.05	-	-	26.82	0.00	3473.23
MW - 3	Manny/Elias	04/18/19	3500.05	-	-	26.98	0.00	3473.07
MW - 3	Manny/Elias	05/14/19	3500.05	39.60	-	26.92	0.00	3473.13

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3	Manny/Elias	06/06/19	3500.05	-	-	27.16	0.00	3472.89
MW - 3	Manny/Elias	07/17/19	3500.05	-	-	27.54	0.00	3472.51
MW - 3	Elias	09/11/19	3500.05	39.61	-	27.98	0.00	3472.07
MW - 3	Elias	10/16/19	3500.05	-	-	27.54	0.00	3472.51
MW - 3	Elias	12/04/19	3500.05	39.54	-	27.15	0.00	3472.90
MW - 3	Elias	12/30/19	3500.05	-	-	27.25	0.00	3472.80
MW - 3	Elias	01/14/20	3500.05	-	-	27.20	0.00	3472.85
MW - 3	Elias	02/13/20	3500.05	39.59	-	27.10	0.00	3472.95
MW - 3	Elias	05/15/20	3500.05	-	-	26.75	0.00	3473.30
MW - 3	Manny	06/25/20	3500.05	39.53	-	27.43	0.00	3472.62
MW - 3	Manny	07/28/20	3500.05	-	-	27.86	0.00	3472.19
MW - 3	Manny	08/19/20	3500.05	39.53	-	27.98	0.00	3472.07
MW - 3	Manny	09/11/20	3500.05	-	-	28.15	0.00	3471.90
MW - 3	Manny	10/30/20	3500.05	-	-	28.26	0.00	3471.79
MW - 3	Manny	11/11/20	3500.05	39.52	-	28.26	0.00	3471.79
MW - 3	Manny	12/30/20	3500.05	-	-	28.24	0.00	3471.81
MW - 3	Manny	01/21/21	3500.05	-	-	28.09	0.00	3471.96
MW - 3	Manny	03/17/21	3500.05	39.54	-	28.32	0.00	3471.73
MW - 3	Manny	05/27/21	3500.05	39.49	-	28.28	0.00	3471.77
MW - 3	Manny	07/26/21	3500.05	-	-	28.40	0.00	3471.65
MW - 3	Manny	07/27/21	3500.05	-	-	28.40	0.00	3471.65
MW - 3	Manny	09/29/21	3500.05	39.52	-	28.63	0.00	3471.42
MW - 3	Manny	10/13/21	3500.05	-	-	28.57	0.00	3471.48
MW - 3	Manny	10/29/21	3500.05	-	-	28.70	0.00	3471.35
MW - 3	Manny	12/01/21	3500.05	39.57	-	28.45	0.00	3471.60
MW - 3	Manny	01/13/22	3500.05	-	-	28.50	0.00	3471.55
MW - 3	Manny	03/04/22	3500.05	39.48	-	28.59	0.00	3471.46
MW - 3	Manny	04/28/22	3500.05	-	-	28.62	0.00	3471.43
MW - 3	Manny	06/01/22	3500.05	39.48	-	29.08	0.00	3470.97
MW - 3	Manny	08/23/22	3500.05	39.49	-	29.74	0.00	3470.31
MW - 3	Manny	10/17/22	3500.05	39.45	-	29.49	0.00	3470.56
MW - 3	Manny	03/08/23	3500.05	39.50	-	28.94	0.00	3471.11
MW - 3	Manny	05/02/23	3500.05	39.56	-	28.83	0.00	3471.22
MW - 3	Manny	08/31/23	3500.05	39.57	-	29.94	0.00	3470.11
MW - 3	Manny	11/29/23	3500.05	39.57	-	29.38	0.00	3470.67
MW - 3	Manny	03/25/24	3500.05	39.46	-	29.02	0.00	3471.03
MW - 3	Manny	06/19/24	3500.05	39.45	-	29.89	0.00	3470.16
MW - 3	Manny	09/10/24	3500.05	39.42	-	30.27	0.00	3469.78
MW - 3	Manny	11/13/24	3500.05	39.42	-	30.25	0.00	3469.80
MW - 4		11/30/99	3498.38	-	29.16	31.36	2.20	3468.89
MW - 4		03/03/00	3498.38	-	29.55	30.28	0.73	3468.72
MW - 4		05/16/00	3498.38	-	29.56	30.33	0.77	3468.70
MW - 4		09/01/00	3498.38	-	30.11	31.24	1.13	3468.10
MW - 4		11/21/00	3498.38	-	30.21	31.56	1.35	3467.97
MW - 4		03/05/01	3498.38	-	29.66	31.52	1.86	3468.44
MW - 4		05/17/01	3498.38	-	29.42	31.31	1.89	3468.68
MW - 4		08/27/01	3498.38	-	30.46	32.21	1.75	3467.66
MW - 4		10/24/01	3498.38	-	29.91	31.28	1.37	3468.26
MW - 4		03/27/02	3498.38	-	29.38	31.20	1.82	3468.73
MW - 4		05/14/02	3498.38	-	28.99	30.98	1.99	3469.09
MW - 4		06/07/02	3498.38	-	29.03	31.38	2.35	3469.00
MW - 4		09/27/02	3498.38	-	28.97	31.52	2.55	3469.03
MW - 4		10/29/02	3498.38	-	-	29.82	0.00	3468.56
MW - 4		11/07/02	3498.38	-	29.56	29.97	0.41	3468.76
MW - 4		12/04/02	3498.38	-	29.14	30.31	1.17	3469.06
MW - 4		01/07/03	3498.38	-	sheen	31.55	0.00	3466.83
MW - 4		01/27/03	3498.38	-	29.07	30.03	0.96	3469.17
MW - 4		02/25/03	3498.38	-	29.02	30.27	1.25	3469.17
MW - 4		03/06/03	3498.38	-	24.07	30.46	6.39	3473.35
MW - 4		03/11/03	3498.38	-	29.04	30.33	1.29	3469.15
MW - 4		03/20/03	3498.38	-	29.14	30.67	1.53	3469.01
MW - 4		03/25/03	3498.38	-	sheen	29.18	0.00	3469.20

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PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4		04/02/03	3498.38	-	-	29.37	0.00	3469.01
MW - 4		04/16/03	3498.38	-	-	30.11	0.00	3468.27
MW - 4		04/23/03	3498.38	-	28.12	28.17	0.05	3470.25
MW - 4		04/29/03	3498.38	-	28.91	29.08	0.17	3469.44
MW - 4		05/15/03	3498.38	-	sheen	29.62	0.00	3468.76
MW - 4		05/22/03	3498.38	-	-	29.83	0.00	3468.55
MW - 4		05/28/03	3498.38	-	sheen	30.44	0.00	3467.94
MW - 4		06/04/03	3498.38	-	29.72	29.73	0.01	3468.66
MW - 4		06/08/04	3498.38	-	27.79	29.68	1.89	3470.31
MW - 4		06/10/03	3498.38	-	sheen	31.24	0.00	3467.14
MW - 4		06/26/03	3498.38	-	sheen	29.32	0.00	3469.06
MW - 4		07/07/03	3498.38	-	29.78	30.24	0.46	3468.53
MW - 4		07/30/03	3498.38	-	29.74	30.23	0.49	3468.57
MW - 4		08/05/03	3498.38	-	30.11	31.12	1.01	3468.12
MW - 4		08/21/03	3498.38	-	30.24	31.41	1.17	3467.96
MW - 4		08/26/03	3498.38	-	30.47	31.50	1.03	3467.76
MW - 4		09/08/03	3498.38	-	30.22	30.44	0.22	3468.13
MW - 4		09/15/03	3498.38	-	30.46	30.91	0.45	3467.85
MW - 4		09/24/03	3498.38	-	28.69	29.89	1.20	3469.51
MW - 4		10/02/03	3498.38	-	30.31	31.45	1.14	3467.90
MW - 4		10/08/03	3498.38	-	30.34	31.46	1.12	3467.87
MW - 4		10/16/03	3498.38	-	30.54	31.73	1.19	3467.66
MW - 4		10/28/03	3498.38	-	30.56	31.74	1.18	3467.64
MW - 4		11/11/03	3498.38	-	sheen	30.87	0.00	3467.51
MW - 4		11/18/03	3498.38	-	-	30.72	0.00	3467.66
MW - 4		11/25/03	3498.38	-	sheen	30.51	0.00	3467.87
MW - 4		12/08/03	3498.38	-	sheen	30.58	0.00	3467.80
MW - 4		01/27/04	3498.38	-	31.12	31.15	0.03	3467.26
MW - 4		02/02/04	3498.38	-	31.11	31.14	0.03	3467.27
MW - 4		02/10/04	3498.38	-	30.49	30.68	0.19	3467.86
MW - 4		02/20/04	3498.38	-	30.59	30.64	0.05	3467.78
MW - 4		03/04/04	3498.38	-	30.45	30.70	0.25	3467.89
MW - 4		03/16/04	3498.38	-	31.15	31.19	0.04	3467.22
MW - 4		03/25/04	3498.38	-	31.17	31.19	0.02	3467.21
MW - 4		03/31/04	3498.38	-	31.16	31.18	0.02	3467.22
MW - 4		04/01/04	3498.38	-	30.96	30.99	0.03	3467.42
MW - 4		04/08/04	3498.38	-	-	29.21	0.00	3469.17
MW - 4		04/14/04	3498.38	-	28.75	29.24	0.49	3469.56
MW - 4		04/16/04	3498.38	-	28.84	29.42	0.58	3469.45
MW - 4		04/22/04	3498.38	-	28.01	29.02	1.01	3470.22
MW - 4		04/29/04	3498.38	-	28.03	29.33	1.30	3470.16
MW - 4		05/05/04	3498.38	-	28.32	29.69	1.37	3469.85
MW - 4		05/10/04	3498.38	-	27.93	29.07	1.14	3470.28
MW - 4		06/08/04	3498.38	-	27.79	29.68	1.89	3470.31
MW - 4		06/17/04	3498.38	-	28.01	29.93	1.92	3470.08
MW - 4		06/22/04	3498.38	-	28.03	29.91	1.88	3470.07
MW - 4		06/25/04	3498.38	-	28.01	29.90	1.89	3470.09
MW - 4		06/29/04	3498.38	-	27.94	29.87	1.93	3470.15
MW - 4		07/01/04	3498.38	-	27.98	29.84	1.86	3470.12
MW - 4		07/08/04	3498.38	-	27.89	27.91	0.02	3470.49
MW - 4		07/13/04	3498.38	-	28.04	29.88	1.84	3470.06
MW - 4		07/20/04	3498.38	-	28.09	30.39	2.30	3469.95
MW - 4		08/04/04	3498.38	-	28.10	30.38	2.28	3469.94
MW - 4		08/10/04	3498.38	-	28.11	30.36	2.25	3469.93
MW - 4		08/17/04	3498.38	-	28.26	30.29	2.03	3469.82
MW - 4		08/23/04	3498.38	-	28.08	30.14	2.06	3469.99
MW - 4		08/25/04	3498.38	-	28.13	30.24	2.11	3469.93
MW - 4		08/31/04	3498.38	-	28.24	30.38	2.14	3469.82
MW - 4		09/13/04	3498.38	-	28.22	29.65	1.43	3469.95
MW - 4		09/20/04	3498.38	-	28.30	29.95	1.65	3469.83
MW - 4		09/30/04	3498.38	-	28.45	30.01	1.56	3469.70
MW - 4		10/04/04	3498.38	-	27.52	29.40	1.88	3470.58
MW - 4		10/11/04	3498.38	-	27.29	29.17	1.88	3470.81

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4		10/18/04	3498.38	-	27.40	28.94	1.54	3470.75
MW - 4		10/27/04	3498.38	-	27.59	28.97	1.38	3470.58
MW - 4		11/02/04	3498.38	-	26.91	29.25	2.34	3471.12
MW - 4		11/08/04	3498.38	-	26.90	29.40	2.50	3471.11
MW - 4		11/15/04	3498.38	-	26.81	29.29	2.48	3471.20
MW - 4		11/23/04	3498.38	-	26.69	28.78	2.09	3471.38
MW - 4		12/01/04	3498.38	-	26.35	28.72	2.37	3471.67
MW - 4		12/02/04	3498.38	-	26.35	28.72	2.37	3471.67
MW - 4		12/08/04	3498.38	-	26.49	29.00	2.51	3471.51
MW - 4		12/14/04	3498.38	-	26.53	28.44	1.91	3471.56
MW - 4		12/21/04	3498.38	-	26.35	27.80	1.45	3471.81
MW - 4		12/29/04	3498.38	-	26.19	27.42	1.23	3472.01
MW - 4		02/11/05	3498.38	-	sheen	26.43	0.00	3471.95
MW - 4		02/15/05	3498.38	-	sheen	26.63	0.00	3471.75
MW - 4		02/18/05	3498.38	-	sheen	26.90	0.00	3471.48
MW - 4		02/22/05	3498.38	-	sheen	26.60	0.00	3471.78
MW - 4		02/25/05	3498.38	-	sheen	26.56	0.00	3471.82
MW - 4		03/01/05	3498.38	-	sheen	26.47	0.00	3471.91
MW - 4		03/04/05	3498.38	-	sheen	26.45	0.00	3471.93
MW - 4		03/08/05	3498.38	-	sheen	26.37	0.00	3472.01
MW - 4		03/10/05	3498.38	-	26.33	26.37	0.04	3472.04
MW - 4		03/11/05	3498.38	-	sheen	26.39	0.00	3471.99
MW - 4		03/15/05	3498.38	-	sheen	26.58	0.00	3471.80
MW - 4		03/19/05	3498.38	-	sheen	26.35	0.00	3472.03
MW - 4		03/22/05	3498.38	-	sheen	26.44	0.00	3471.94
MW - 4		03/28/05	3498.38	-	sheen	26.24	0.00	3472.14
MW - 4		04/01/05	3498.38	-	sheen	26.77	0.00	3471.61
MW - 4		04/05/05	3498.38	-	sheen	26.34	0.00	3472.04
MW - 4		04/08/05	3498.38	-	sheen	26.37	0.00	3472.01
MW - 4		04/12/05	3498.38	-	sheen	26.33	0.00	3472.05
MW - 4		04/15/05	3498.38	-	sheen	26.34	0.00	3472.04
MW - 4		05/25/05	3498.38	-	sheen	25.94	0.00	3472.44
MW - 4		06/03/05	3498.38	-	sheen	25.92	0.00	3472.46
MW - 4		06/06/05	3498.38	-	sheen	25.95	0.00	3472.43
MW - 4		06/10/05	3498.38	-	25.67	25.68	0.01	3472.71
MW - 4		06/13/05	3498.38	-	sheen	26.03	0.00	3472.35
MW - 4		06/20/05	3498.38	-	sheen	26.09	0.00	3472.29
MW - 4		06/24/05	3498.38	-	sheen	25.94	0.00	3472.44
MW - 4		06/27/05	3498.38	-	sheen	26.06	0.00	3472.32
MW - 4		07/18/05	3498.38	-	sheen	26.30	0.00	3472.08
MW - 4		07/25/05	3498.38	-	sheen	26.48	0.00	3471.90
MW - 4		08/01/05	3498.38	-	sheen	26.78	0.00	3471.60
MW - 4		08/04/05	3498.38	-	sheen	26.72	0.00	3471.66
MW - 4		08/10/05	3498.38	-	26.58	26.59	0.01	3471.80
MW - 4		08/16/05	3498.38	-	sheen	26.75	0.00	3471.63
MW - 4		08/23/05	3498.38	-	sheen	26.29	0.00	3472.09
MW - 4		08/29/05	3498.38	-	sheen	26.24	0.00	3472.14
MW - 4		09/06/05	3498.38	-	26.08	26.12	0.04	3472.29
MW - 4		09/09/05	3498.38	-	26.03	26.07	0.04	3472.34
MW - 4		09/12/05	3498.38	-	26.04	26.10	0.06	3472.33
MW - 4		09/19/05	3498.38	-	26.28	26.40	0.12	3472.08
MW - 4		09/27/05	3498.38	-	26.33	26.45	0.12	3472.03
MW - 4		10/03/05	3498.38	-	26.38	26.50	0.12	3471.98
MW - 4		10/10/05	3498.38	-	26.13	26.15	0.02	3472.25
MW - 4		10/17/05	3498.38	-	26.10	26.15	0.05	3472.27
MW - 4		10/24/05	3498.38	-	26.13	26.17	0.04	3472.24
MW - 4		11/01/05	3498.38	-	26.14	26.19	0.05	3472.23
MW - 4		11/08/05	3498.38	-	26.19	26.23	0.04	3472.18
MW - 4		11/15/05	3498.38	-	25.13	25.24	0.11	3473.23
MW - 4		11/22/05	3498.38	-	25.90	26.10	0.20	3472.45
MW - 4		11/27/05	3498.38	-	25.90	26.01	0.11	3472.46
MW - 4		12/05/05	3498.38	-	25.86	26.04	0.18	3472.49
MW - 4		12/07/05	3498.38	-	25.98	26.18	0.20	3472.37

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4		12/16/05	3498.38	-	25.80	26.00	0.20	3472.55
MW - 4		12/29/05	3498.38	-	25.87	26.05	0.18	3472.48
MW - 4		01/03/06	3498.38	-	25.82	26.00	0.18	3472.53
MW - 4		01/09/06	3498.38	-	25.96	26.26	0.30	3472.38
MW - 4		01/16/06	3498.38	-	25.68	25.80	0.12	3472.68
MW - 4		01/23/06	3498.38	-	25.93	26.20	0.27	3472.41
MW - 4		01/30/06	3498.38	-	26.02	26.10	0.08	3472.35
MW - 4		02/07/06	3498.38	-	25.96	26.10	0.14	3472.40
MW - 4		02/14/06	3498.38	-	24.74	24.92	0.18	3473.61
MW - 4		02/21/06	3498.38	-	25.80	25.90	0.10	3472.57
MW - 4		02/27/06	3498.38	-	25.75	25.97	0.22	3472.60
MW - 4		03/06/06	3498.38	-	25.80	26.02	0.22	3472.55
MW - 4		03/09/06	3498.38	-	25.64	25.80	0.16	3472.72
MW - 4		03/17/06	3498.38	-	25.86	26.10	0.24	3472.48
MW - 4		03/21/06	3498.38	-	25.94	26.21	0.27	3472.40
MW - 4		03/28/06	3498.38	-	26.00	26.18	0.18	3472.35
MW - 4		04/03/06	3498.38	-	25.93	26.20	0.27	3472.41
MW - 4		04/10/06	3498.38	-	25.63	25.84	0.21	3472.72
MW - 4		04/17/06	3498.38	-	25.63	25.83	0.20	3472.72
MW - 4		05/01/06	3498.38	-	25.70	25.93	0.23	3472.65
MW - 4		05/08/06	3498.38	-	25.68	25.88	0.20	3472.67
MW - 4		05/15/06	3498.38	-	26.03	26.22	0.19	3472.32
MW - 4		06/05/06	3498.38	-	26.13	26.42	0.29	3472.21
MW - 4		06/08/06	3498.38	-	26.34	26.54	0.20	3472.01
MW - 4		06/12/06	3498.38	-	26.40	26.64	0.24	3471.94
MW - 4		06/19/06	3498.38	-	26.50	26.70	0.20	3471.85
MW - 4		07/03/06	3498.38	-	26.64	26.81	0.17	3471.71
MW - 4		07/10/06	3498.38	-	26.58	26.72	0.14	3471.78
MW - 4		07/17/06	3498.38	-	26.61	26.76	0.15	3471.75
MW - 4		07/26/06	3498.38	-	26.67	26.87	0.20	3471.68
MW - 4		07/31/06	3498.38	-	26.69	26.86	0.17	3471.66
MW - 4		08/07/06	3498.38	-	26.81	26.99	0.18	3471.54
MW - 4		08/17/06	3498.38	-	26.83	26.93	0.10	3471.54
MW - 4		08/21/06	3498.38	-	26.89	26.94	0.05	3471.48
MW - 4		09/06/06	3498.38	-	26.13	26.23	0.10	3472.24
MW - 4		09/11/06	3498.38	-	26.10	26.26	0.16	3472.26
MW - 4		09/15/06	3498.38	-	25.99	26.06	0.07	3472.38
MW - 4		10/02/06	3498.38	-	26.01	26.05	0.04	3472.36
MW - 4		10/09/06	3498.38	-	25.98	26.19	0.21	3472.37
MW - 4		10/17/06	3498.38	-	25.95	26.08	0.13	3472.41
MW - 4		10/23/06	3498.38	-	25.97	26.01	0.04	3472.40
MW - 4		10/30/06	3498.38	-	25.95	25.98	0.03	3472.43
MW - 4		11/06/06	3498.38	-	25.94	25.96	0.02	3472.44
MW - 4		11/13/06	3498.38	-	25.91	25.94	0.03	3472.47
MW - 4		11/20/06	3498.38	-	sheen	26.69	0.00	3471.69
MW - 4		11/27/06	3498.38	-	26.55	26.56	0.01	3471.83
MW - 4		11/29/06	3498.38	-	26.56	26.57	0.01	3471.82
MW - 4		12/04/06	3498.38	-	sheen	25.31	0.00	3473.07
MW - 4		12/12/06	3498.38	-	25.85	25.87	0.02	3472.53
MW - 4		12/18/06	3498.38	-	25.93	25.98	0.05	3472.44
MW - 4		01/04/07	3498.38	-	25.60	25.70	0.10	3472.77
MW - 4		01/11/07	3498.38	-	25.68	25.78	0.10	3472.69
MW - 4		01/18/07	3498.38	-	25.85	25.98	0.13	3472.51
MW - 4		01/22/07	3498.38	-	25.85	26.00	0.15	3472.51
MW - 4		01/31/07	3498.38	-	25.65	25.70	0.05	3472.72
MW - 4		02/07/07	3498.38	-	25.74	25.81	0.07	3472.63
MW - 4		02/14/07	3498.38	-	25.71	25.90	0.19	3472.64
MW - 4		02/26/07	3498.38	-	25.71	25.94	0.23	3472.64
MW - 4		03/07/07	3498.38	-	25.84	26.03	0.19	3472.51
MW - 4		04/03/07	3498.38	-	25.65	25.73	0.08	3472.72
MW - 4		04/09/07	3498.38	-	25.30	25.35	0.05	3473.07
MW - 4		04/17/07	3498.38	-	25.39	25.47	0.08	3472.98
MW - 4		05/07/07	3498.38	-	25.56	25.65	0.09	3472.81

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4		05/17/07	3498.38	-	25.27	25.34	0.07	3473.10
MW - 4		05/21/07	3498.38	-	25.02	25.06	0.04	3473.35
MW - 4		05/22/07	3498.38	-	25.02	25.06	0.04	3473.35
MW - 4		06/01/07	3498.38	-	25.08	25.13	0.05	3473.29
MW - 4		06/11/07	3498.38	-	25.26	25.39	0.13	3473.10
MW - 4		06/19/07	3498.38	-	sheen	25.69	0.00	3472.69
MW - 4		06/25/07	3498.38	-	sheen	25.71	0.00	3472.67
MW - 4		07/03/07	3498.38	-	sheen	25.66	0.00	3472.72
MW - 4		07/23/07	3498.38	-	sheen	25.99	0.00	3472.39
MW - 4		07/30/07	3498.38	-	sheen	26.09	0.00	3472.29
MW - 4		08/06/07	3498.38	-	sheen	26.11	0.00	3472.27
MW - 4		08/13/07	3498.38	-	sheen	26.21	0.00	3472.17
MW - 4		08/16/07	3498.38	-	sheen	26.21	0.00	3472.17
MW - 4		09/13/07	3498.38	-	sheen	26.32	0.00	3472.06
MW - 4		09/18/07	3498.38	-	sheen	26.14	0.00	3472.24
MW - 4		09/24/07	3498.38	-	sheen	25.06	0.00	3473.32
MW - 4		10/01/07	3498.38	-	sheen	25.96	0.00	3472.42
MW - 4		10/08/07	3498.38	-	sheen	25.98	0.00	3472.40
MW - 4		10/15/07	3498.38	-	sheen	25.92	0.00	3472.46
MW - 4		11/05/07	3498.38	-	sheen	25.82	0.00	3472.56
MW - 4		11/07/07	3498.38	-	sheen	25.91	0.00	3472.47
MW - 4		11/12/07	3498.38	-	sheen	25.86	0.00	3472.52
MW - 4		11/19/07	3498.38	-	sheen	25.91	0.00	3472.47
MW - 4		11/28/07	3498.38	-	sheen	25.81	0.00	3472.57
MW - 4		12/03/07	3498.38	-	sheen	24.71	0.00	3473.67
MW - 4		12/14/07	3498.38	-	sheen	25.80	0.00	3472.58
MW - 4		01/09/08	3498.38	-	-	25.76	0.00	3472.62
MW - 4		01/16/08	3498.38	-	-	25.63	0.00	3472.75
MW - 4		01/24/08	3498.38	-	-	25.80	0.00	3472.58
MW - 4		02/08/08	3498.38	-	-	25.88	0.00	3472.50
MW - 4		02/12/08	3498.38	-	-	25.92	0.00	3472.46
MW - 4		02/22/08	3498.38	-	-	25.92	0.00	3472.46
MW - 4		03/05/08	3498.38	-	-	25.65	0.00	3472.73
MW - 4		03/19/08	3498.38	-	-	25.98	0.00	3472.40
MW - 4		04/03/08	3498.38	-	-	25.91	0.00	3472.47
MW - 4		04/14/08	3498.38	-	-	26.30	0.00	3472.08
MW - 4		05/14/08	3498.38	-	-	26.16	0.00	3472.22
MW - 4		06/09/08	3498.38	-	-	26.33	0.00	3472.05
MW - 4		06/23/08	3498.38	-	-	26.34	0.00	3472.04
MW - 4		07/22/08	3498.38	-	-	26.93	0.00	3471.45
MW - 4		08/04/08	3498.38	-	-	26.94	0.00	3471.44
MW - 4		08/18/08	3498.38	-	-	27.06	0.00	3471.32
MW - 4		08/18/08	3498.38	-	-	27.06	0.00	3471.32
MW - 4		09/02/08	3498.38	-	-	27.02	0.00	3471.36
MW - 4		09/17/08	3498.38	-	-	26.76	0.00	3471.62
MW - 4		09/29/08	3498.38	-	-	26.75	0.00	3471.63
MW - 4		10/06/08	3498.38	-	-	26.73	0.00	3471.65
MW - 4		10/13/08	3498.38	-	-	26.87	0.00	3471.51
MW - 4		10/20/08	3498.38	-	-	26.78	0.00	3471.60
MW - 4		10/29/08	3498.38	-	-	26.73	0.00	3471.65
MW - 4		11/05/08	3498.38	-	-	26.49	0.00	3471.89
MW - 4		11/10/08	3498.38	-	-	26.49	0.00	3471.89
MW - 4		11/13/08	3498.38	-	-	26.48	0.00	3471.90
MW - 4		12/03/08	3498.38	-	-	26.62	0.00	3471.76
MW - 4		12/16/08	3498.38	-	-	26.61	0.00	3471.77
MW - 4		12/30/08	3498.38	-	-	26.98	0.00	3471.40
MW - 4		01/06/09	3498.38	-	-	-	-	-
MW - 4		02/11/09	3498.38	-	-	26.70	0.00	3471.68
MW - 4		02/24/09	3498.38	-	-	27.48	0.00	3470.90
MW - 4		03/04/09	3498.38	-	-	26.89	0.00	3471.49
MW - 4		03/17/09	3498.38	-	-	26.72	0.00	3471.66
MW - 4		03/25/09	3498.38	-	-	26.69	0.00	3471.69
MW - 4		04/08/09	3498.38	-	-	26.62	0.00	3471.76

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4		04/15/09	3498.38	-	-	26.72	0.00	3471.66
MW - 4		04/15/09	3498.38	-	-	26.69	0.00	3471.69
MW - 4		05/13/09	3498.38	-	-	26.68	0.00	3471.70
MW - 4		06/01/09	3498.38	-	-	22.22	0.00	3476.16
MW - 4		06/10/09	3498.38	-	-	26.70	0.00	3471.68
MW - 4		06/12/09	3498.38	-	-	27.04	0.00	3471.34
MW - 4		06/18/09	3498.38	-	-	26.73	0.00	3471.65
MW - 4		06/24/09	3498.38	-	-	27.33	0.00	3471.05
MW - 4		07/02/09	3498.38	-	-	27.30	0.00	3471.08
MW - 4		07/08/09	3498.38	-	-	27.23	0.00	3471.15
MW - 4		07/14/09	3498.38	-	-	27.43	0.00	3470.95
MW - 4		07/20/09	3498.38	-	-	27.44	0.00	3470.94
MW - 4		07/27/09	3498.38	-	-	27.43	0.00	3470.95
MW - 4		08/03/09	3498.38	-	-	27.41	0.00	3470.97
MW - 4		08/10/09	3498.38	-	-	27.37	0.00	3471.01
MW - 4		08/11/09	3498.38	-	-	27.37	0.00	3471.01
MW - 4		08/18/09	3498.38	-	-	27.60	0.00	3470.78
MW - 4		08/24/09	3498.38	-	-	27.56	0.00	3470.82
MW - 4		08/31/09	3498.38	-	-	27.59	0.00	3470.79
MW - 4		09/03/09	3498.38	-	-	27.57	0.00	3470.81
MW - 4		09/08/09	3498.38	-	-	27.63	0.00	3470.75
MW - 4		09/10/09	3498.38	-	-	27.73	0.00	3470.65
MW - 4		09/16/09	3498.38	-	-	27.68	0.00	3470.70
MW - 4		09/22/09	3498.38	-	-	27.81	0.00	3470.57
MW - 4		09/29/09	3498.38	-	-	27.85	0.00	3470.53
MW - 4		10/02/09	3498.38	-	-	27.64	0.00	3470.74
MW - 4		10/07/09	3498.38	-	-	27.68	0.00	3470.70
MW - 4		10/12/09	3498.38	-	-	27.43	0.00	3470.95
MW - 4		10/16/09	3498.38	-	-	27.68	0.00	3470.70
MW - 4		10/20/09	3498.38	-	-	27.24	0.00	3471.14
MW - 4		10/26/09	3498.38	-	-	27.22	0.00	3471.16
MW - 4		10/28/09	3498.38	-	-	27.64	0.00	3470.74
MW - 4		11/04/09	3498.38	-	-	27.86	0.00	3470.52
MW - 4		11/12/09	3498.38	-	-	27.70	0.00	3470.68
MW - 4		11/23/09	3498.38	-	-	27.71	0.00	3470.67
MW - 4		12/03/09	3498.38	-	-	27.75	0.00	3470.63
MW - 4		12/16/09	3498.38	-	-	27.79	0.00	3470.59
MW - 4		12/21/09	3498.38	-	-	27.74	0.00	3470.64
MW - 4		12/28/09	3498.38	-	-	27.22	0.00	3471.16
MW - 4		01/05/10	3498.38	-	-	27.76	0.00	3470.62
MW - 4		01/20/10	3498.38	-	-	27.26	0.00	3471.12
MW - 4		01/25/10	3498.38	-	-	27.24	0.00	3471.14
MW - 4		01/27/10	3498.38	-	-	27.80	0.00	3470.58
MW - 4		02/10/10	3498.38	-	-	27.81	0.00	3470.57
MW - 4		03/01/10	3498.38	-	-	27.24	0.00	3471.14
MW - 4		03/09/10	3498.38	-	-	27.82	0.00	3470.56
MW - 4		03/11/10	3498.38	-	-	27.81	0.00	3470.57
MW - 4		05/25/10	3498.38	-	-	27.44	0.00	3470.94
MW - 4		06/07/10	3498.38	-	-	27.64	0.00	3470.74
MW - 4		06/12/10	3498.38	-	-	27.75	0.00	3470.63
MW - 4		06/25/10	3498.38	-	-	27.82	0.00	3470.56
MW - 4		07/07/10	3498.38	-	-	26.60	0.00	3471.78
MW - 4		07/12/10	3498.38	-	-	26.24	0.00	3472.14
MW - 4		07/26/10	3498.38	-	-	-	0.00	-
MW - 4		08/03/10	3498.38	-	-	26.55	0.00	3471.83
MW - 4		08/13/10	3498.38	-	-	26.70	0.00	3471.68
MW - 4		08/19/10	3498.38	-	-	26.65	0.00	3471.73
MW - 4		08/25/10	3498.38	-	-	26.86	0.00	3471.52
MW - 4		09/01/10	3498.38	-	-	26.80	0.00	3471.58
MW - 4		09/09/10	3498.38	-	-	26.76	0.00	3471.62
MW - 4		09/13/10	3498.38	-	-	26.71	0.00	3471.67
MW - 4		09/29/10	3498.38	-	-	26.87	0.00	3471.51
MW - 4		10/05/10	3498.38	-	-	26.71	0.00	3471.67

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4		10/25/10	3498.38	-	sheen	26.73	0.00	3471.65
MW - 4		11/03/10	3498.38	-	sheen	26.72	0.00	3471.66
MW - 4		11/10/10	3498.38	-	sheen	27.05	0.00	3471.33
MW - 4		11/18/10	3498.38	-	sheen	27.05	0.00	3471.33
MW - 4		12/09/10	3498.38	-	sheen	26.73	0.00	3471.65
MW - 4		01/18/11	3498.38	-	sheen	27.05	0.00	3471.33
MW - 4		02/22/11	3498.38	-	sheen	27.02	0.00	3471.36
MW - 4		03/01/11	3498.38	-	sheen	27.71	0.00	3470.67
MW - 4		03/07/11	3498.38	-	sheen	27.00	0.00	3471.38
MW - 4		03/22/11	3498.38	-	sheen	27.05	0.00	3471.33
MW - 4		04/27/11	3498.38	-	-	27.65	0.00	3470.73
MW - 4		05/05/11	3498.38	-	sheen	27.39	0.00	3470.99
MW - 4		05/10/11	3498.38	-	sheen	27.30	0.00	3471.08
MW - 4		05/17/11	3498.38	-	sheen	27.02	0.00	3471.36
MW - 4		05/17/11	3498.38	-	sheen	27.02	0.00	3471.36
MW - 4		05/24/11	3498.38	-	sheen	27.03	0.00	3471.35
MW - 4		06/07/11	3498.38	-	-	27.49	0.00	3470.89
MW - 4		06/14/11	3498.38	-	-	27.38	0.00	3471.00
MW - 4		06/23/11	3498.38	-	-	27.39	0.00	3470.99
MW - 4		06/28/11	3498.38	-	-	27.51	0.00	3470.87
MW - 4		07/06/11	3498.38	-	sheen	28.07	0.00	3470.31
MW - 4		07/14/11	3498.38	-	-	27.96	0.00	3470.42
MW - 4		07/27/11	3498.38	-	-	28.03	0.00	3470.35
MW - 4		08/03/11	3498.38	-	-	28.25	0.00	3470.13
MW - 4		08/11/11	3498.38	-	-	28.58	0.00	3469.80
MW - 4		08/18/11	3498.38	-	-	28.38	0.00	3470.00
MW - 4		08/25/11	3498.38	-	-	28.45	0.00	3469.93
MW - 4		09/02/11	3498.38	-	-	28.47	0.00	3469.91
MW - 4		09/07/11	3498.38	-	-	28.47	0.00	3469.91
MW - 4		09/09/11	3498.38	-	-	28.59	0.00	3469.79
MW - 4		11/08/11	3498.38	-	-	28.48	0.00	3469.90
MW - 4		12/28/11	3498.38	-	-	28.45	0.00	3469.93
MW - 4		01/05/12	3498.38	-	-	28.44	0.00	3469.94
MW - 4		01/18/12	3498.38	-	-	28.39	0.00	3469.99
MW - 4		01/27/12	3498.38	-	-	28.46	0.00	3469.92
MW - 4		02/02/12	3498.38	-	-	28.51	0.00	3469.87
MW - 4		02/10/12	3498.38	-	-	28.51	0.00	3469.87
MW - 4		02/15/12	3498.38	-	-	28.66	0.00	3469.72
MW - 4		03/01/12	3498.38	-	-	28.28	0.00	3470.10
MW - 4		03/07/12	3498.38	-	-	28.29	0.00	3470.09
MW - 4		03/14/12	3498.38	-	-	28.26	0.00	3470.12
MW - 4		03/19/12	3498.38	-	-	28.16	0.00	3470.22
MW - 4		03/26/12	3498.38	-	-	28.22	0.00	3470.16
MW - 4		04/04/12	3498.38	-	-	28.29	0.00	3470.09
MW - 4		04/11/12	3498.38	-	-	28.18	0.00	3470.20
MW - 4		04/17/12	3498.38	-	-	28.29	0.00	3470.09
MW - 4		04/25/12	3498.38	-	-	28.08	0.00	3470.30
MW - 4		05/23/12	3498.38	-	-	28.15	0.00	3470.23
MW - 4		05/31/12	3498.38	-	-	28.23	0.00	3470.15
MW - 4		06/06/12	3498.38	-	-	28.36	0.00	3470.02
MW - 4		06/13/12	3498.38	-	-	28.30	0.00	3470.08
MW - 4		06/20/12	3498.38	-	-	28.09	0.00	3470.29
MW - 4		07/11/12	3498.38	-	-	28.51	0.00	3469.87
MW - 4		07/18/12	3498.38	-	-	28.59	0.00	3469.79
MW - 4		08/02/12	3498.38	-	-	28.56	0.00	3469.82
MW - 4		08/09/12	3498.38	-	-	28.72	0.00	3469.66
MW - 4		08/16/12	3498.38	-	-	28.85	0.00	3469.53
MW - 4		10/02/12	3498.38	-	-	29.00	0.00	3469.38
MW - 4		10/10/12	3498.38	-	-	28.98	0.00	3469.40
MW - 4		10/17/12	3498.38	-	-	28.71	0.00	3469.67
MW - 4		10/26/12	3498.38	-	-	28.96	0.00	3469.42
MW - 4		11/01/12	3498.38	-	-	28.89	0.00	3469.49
MW - 4		11/19/12	3498.38	-	-	28.65	0.00	3469.73

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4		12/13/12	3498.38	-	-	29.06	0.00	3469.32
MW - 4		12/18/12	3498.38	-	-	28.53	0.00	3469.85
MW - 4		01/08/13	3498.38	-	-	28.60	0.00	3469.78
MW - 4		01/16/13	3498.38	-	-	28.71	0.00	3469.67
MW - 4		01/24/13	3498.38	-	-	28.68	0.00	3469.70
MW - 4		01/30/13	3498.38	-	-	28.71	0.00	3469.67
MW - 4		02/12/13	3498.38	-	-	28.64	0.00	3469.74
MW - 4		03/19/13	3498.38	-	-	28.54	0.00	3469.84
MW - 4		04/02/13	3498.38	-	-	28.55	0.00	3469.83
MW - 4		04/08/13	3498.38	-	-	28.35	0.00	3470.03
MW - 4		04/16/13	3498.38	-	-	28.48	0.00	3469.90
MW - 4		04/23/13	3498.38	-	-	28.57	0.00	3469.81
MW - 4		05/01/13	3498.38	-	-	28.49	0.00	3469.89
MW - 4		05/08/13	3498.38	-	-	28.52	0.00	3469.86
MW - 4		05/15/13	3498.38	-	-	28.49	0.00	3469.89
MW - 4		05/17/13	3498.38	-	-	28.55	0.00	3469.83
MW - 4		05/19/13	3498.38	-	-	28.60	0.00	3469.78
MW - 4		05/23/13	3498.38	-	-	28.65	0.00	3469.73
MW - 4		05/29/13	3498.38	-	-	28.60	0.00	3469.78
MW - 4		06/12/13	3498.38	-	-	28.93	0.00	3469.45
MW - 4		06/19/13	3498.38	-	-	28.96	0.00	3469.42
MW - 4		06/27/13	3498.38	-	-	29.11	0.00	3469.27
MW - 4		07/02/13	3498.38	-	-	29.15	0.00	3469.23
MW - 4		07/08/13	3498.38	-	-	29.23	0.00	3469.15
MW - 4		07/15/13	3498.38	-	-	29.17	0.00	3469.21
MW - 4		07/23/13	3498.38	-	-	29.09	0.00	3469.29
MW - 4		07/29/13	3498.38	-	-	28.99	0.00	3469.39
MW - 4		08/07/13	3498.38	39.47	-	29.12	0.00	3469.26
MW - 4		08/15/13	3498.38	-	-	29.43	0.00	3468.95
MW - 4		08/20/13	3498.38	-	-	29.48	0.00	3468.90
MW - 4		08/28/13	3498.38	-	-	29.46	0.00	3468.92
MW - 4		09/05/13	3498.38	-	-	29.67	0.00	3468.71
MW - 4		09/09/13	3498.38	-	-	29.50	0.00	3468.88
MW - 4		09/18/13	3498.38	-	-	29.61	0.00	3468.77
MW - 4		09/28/13	3498.38	-	-	29.55	0.00	3468.83
MW - 4		10/01/13	3498.38	-	-	29.73	0.00	3468.65
MW - 4		10/08/13	3498.38	-	-	29.41	0.00	3468.97
MW - 4		10/14/13	3498.38	-	-	29.47	0.00	3468.91
MW - 4		10/23/13	3498.38	-	-	29.05	0.00	3469.33
MW - 4		10/29/13	3498.38	-	-	29.06	0.00	3469.32
MW - 4		11/16/13	3498.38	-	-	29.29	0.00	3469.09
MW - 4		11/27/13	3498.38	39.47	-	29.36	0.00	3469.02
MW - 4		12/02/13	3498.38	-	-	29.21	0.00	3469.17
MW - 4		12/14/13	3498.38	-	-	29.55	0.00	3468.83
MW - 4		12/19/13	3498.38	-	-	29.23	0.00	3469.15
MW - 4		12/24/13	3498.38	-	-	29.12	0.00	3469.26
MW - 4		01/02/14	3498.38	-	-	29.20	0.00	3469.18
MW - 4		01/07/14	3498.38	-	-	29.05	0.00	3469.33
MW - 4		01/14/14	3498.38	-	-	29.16	0.00	3469.22
MW - 4		01/21/14	3498.38	-	-	29.08	0.00	3469.30
MW - 4		01/31/14	3498.38	-	-	29.10	0.00	3469.28
MW - 4	John F.	02/10/14	3498.38	39.47	-	29.17	0.00	3469.21
MW - 4	John F.	02/27/14	3498.38	-	-	29.05	0.00	3469.33
MW - 4	John & Jose	03/06/14	3498.38	-	-	29.05	0.00	3469.33
MW - 4	John & Jose	03/13/14	3498.38	-	-	29.07	0.00	3469.31
MW - 4	David F.	03/25/14	3498.38	-	-	29.09	0.00	3469.29
MW - 4	Baer & Justin	04/03/14	3498.38	-	-	28.99	0.00	3469.39
MW - 4	Manny & Chanc	04/07/14	3498.38	-	-	29.12	0.00	3469.26
MW - 4	Manny & Chanc	04/14/14	3498.38	-	-	29.25	0.00	3469.13
MW - 4	Manny & Chanc	04/23/14	3498.38	-	-	28.92	0.00	3469.46
MW - 4	Jose	05/05/14	3498.38	-	-	29.01	0.00	3469.37
MW - 4	Manny	05/14/14	3498.38	-	-	29.02	0.00	3469.36
MW - 4	David F.	05/22/14	3498.38	-	-	29.02	0.00	3469.36

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4	Manny	05/28/14	3498.38	39.47	-	29.07	0.00	3469.31
MW - 4	Manny	06/02/14	3498.38	-	-	29.16	0.00	3469.22
MW - 4	Manny	06/12/14	3498.38	-	-	29.40	0.00	3468.98
MW - 4	Manny	06/17/14	3498.38	-	-	29.39	0.00	3468.99
MW - 4	Manny	06/25/14	3498.38	-	-	29.47	0.00	3468.91
MW - 4	Manny	06/30/14	3498.38	-	-	29.46	0.00	3468.92
MW - 4	Manny	07/11/14	3498.38	-	-	29.56	0.00	3468.82
MW - 4	Manny	07/14/14	3498.38	-	-	29.50	0.00	3468.88
MW - 4	Manny	07/22/14	3498.38	-	-	29.60	0.00	3468.78
MW - 4	Manny	07/23/14	3498.38	-	-	29.60	0.00	3468.78
MW - 4	Manny	08/05/14	3498.38	-	-	29.64	0.00	3468.74
MW - 4	Manny	08/12/14	3498.38	-	-	29.73	0.00	3468.65
MW - 4	David F.	08/13/14	3498.38	39.46	-	29.74	0.00	3468.64
MW - 4	David F.	08/27/14	3498.38	-	-	29.84	0.00	3468.54
MW - 4	Manny	09/17/14	3498.38	-	-	27.54	0.00	3470.84
MW - 4	Manny	10/10/14	3498.38	-	-	26.55	0.00	3471.83
MW - 4	Manny	10/15/14	3498.38	-	-	26.80	0.00	3471.58
MW - 4	Chance	10/20/14	3498.38	-	-	27.04	0.00	3471.34
MW - 4		10/27/14	3498.38	-	-	27.28	0.00	3471.10
MW - 4	Manny	11/04/14	3498.38	-	-	28.72	0.00	3469.66
MW - 4	Manny	11/06/14	3498.38	39.47	-	27.65	0.00	3470.73
MW - 4	Manny	11/11/14	3498.38	-	-	27.12	0.00	3471.26
MW - 4	Manny	11/18/14	3498.38	-	-	27.06	0.00	3471.32
MW - 4	Manny	12/02/14	3498.38	-	-	27.38	0.00	3471.00
MW - 4	Manny	12/09/14	3498.38	-	-	27.50	0.00	3470.88
MW - 4	Carlos	12/17/14	3498.38	-	-	27.49	0.00	3470.89
MW - 4	Manny	12/23/14	3498.38	-	-	27.70	0.00	3470.68
MW - 4	Manny	12/30/14	3498.38	-	-	27.80	0.00	3470.58
MW - 4	Manny	01/06/15	3498.38	-	-	27.70	0.00	3470.68
MW - 4	Carlos	01/09/15	3498.38	-	-	27.77	0.00	3470.61
MW - 4	Manny	01/13/15	3498.38	-	-	27.64	0.00	3470.74
MW - 4	Manny	01/21/15	3498.38	-	-	27.58	0.00	3470.80
MW - 4	Manny	01/26/15	3498.38	-	-	27.67	0.00	3470.71
MW - 4	Carlos	02/05/15	3498.38	-	-	27.77	0.00	3470.61
MW - 4	Carlos	02/16/15	3498.38	-	-	27.67	0.00	3470.71
MW - 4	Manny	02/17/15	3498.38	39.47	-	27.74	0.00	3470.64
MW - 4	Manny/Art	03/04/15	3498.38	-	-	27.62	0.00	3470.76
MW - 4	Manny	03/10/15	3498.38	-	-	27.59	0.00	3470.79
MW - 4	Manny	03/16/15	3498.38	-	-	27.55	0.00	3470.83
MW - 4	Matt	03/23/15	3498.38	-	-	27.56	0.00	3470.82
MW - 4	Manny	03/31/15	3498.38	-	-	27.42	0.00	3470.96
MW - 4	Manny	04/03/15	3498.38	-	-	27.68	0.00	3470.70
MW - 4	Carlos/Matt	04/06/15	3498.38	-	-	27.49	0.00	3470.89
MW - 4	Manny/Art	04/16/15	3498.38	-	-	27.35	0.00	3471.03
MW - 4	Manny	04/22/15	3498.38	-	-	27.26	0.00	3471.12
MW - 4	Arthur	05/01/15	3498.38	-	-	27.33	0.00	3471.05
MW - 4	Matt	05/11/15	3498.38	-	-	27.20	0.00	3471.18
MW - 4	Manny	05/14/15	3498.38	39.47	-	27.01	0.00	3471.37
MW - 4	Arthur	05/29/15	3498.38	-	-	26.82	0.00	3471.56
MW - 4	Manny	06/04/15	3498.38	-	-	26.89	0.00	3471.49
MW - 4	Manny	06/09/15	3498.38	-	-	26.92	0.00	3471.46
MW - 4	Carlos	06/17/15	3498.38	-	-	26.95	0.00	3471.43
MW - 4	Carlos	06/23/15	3498.38	-	-	26.90	0.00	3471.48
MW - 4	Carlos	06/29/15	3498.38	-	-	26.88	0.00	3471.50
MW - 4	Manny/ Arthur	07/09/15	3498.38	-	-	27.22	0.00	3471.16
MW - 4	Manny	07/15/15	3498.38	-	-	27.31	0.00	3471.07
MW - 4	Carlos/Matt	07/20/15	3498.38	-	-	27.49	0.00	3470.89
MW - 4	Manny	07/30/15	3498.38	-	-	27.69	0.00	3470.69
MW - 4	Carlos	08/03/15	3498.38	-	-	27.68	0.00	3470.70
MW - 4	Manny/Arthur	08/04/15	3498.38	39.48	-	27.72	0.00	3470.66
MW - 4	Manny	08/11/15	3498.38	-	-	27.82	0.00	3470.56
MW - 4	Carlos	08/18/15	3498.38	-	-	27.75	0.00	3470.63
MW - 4	Carlos	08/26/15	3498.38	-	-	27.37	0.00	3471.01

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4	Manny/Arthur	09/02/15	3498.38	-	-	27.15	0.00	3471.23
MW - 4	Carlos	10/22/15	3498.38	-	-	27.46	0.00	3470.92
MW - 4	Manny	11/17/15	3498.38	39.49	-	27.05	0.00	3471.33
MW - 4	Carlos	12/03/15	3498.38	-	-	27.38	0.00	3471.00
MW - 4	Carlos	12/09/15	3498.38	-	-	27.21	0.00	3471.17
MW - 4	Manny	01/06/16	3498.38	-	-	27.21	0.00	3471.17
MW - 4	Manny	01/15/16	3498.38	-	-	27.28	0.00	3471.10
MW - 4	Carlos	01/29/16	3498.38	-	-	27.16	0.00	3471.22
MW - 4	Carlos	02/04/16	3498.38	-	-	27.12	0.00	3471.26
MW - 4	Manny	02/10/16	3498.38	39.49	-	27.25	0.00	3471.13
MW - 4	James	03/03/16	3498.38	-	-	27.34	0.00	3471.04
MW - 4	Manny	03/16/16	3498.38	-	-	27.13	0.00	3471.25
MW - 4	Manny	04/12/16	3498.38	-	-	27.04	0.00	3471.34
MW - 4	Manny	04/15/16	3498.38	-	-	26.92	0.00	3471.46
MW - 4	Manny	04/19/16	3498.38	-	-	26.97	0.00	3471.41
MW - 4	Manny	04/29/16	3498.38	-	-	26.94	0.00	3471.44
MW - 4	Carlos	05/04/16	3498.38	-	-	26.98	0.00	3471.40
MW - 4	Manny	05/13/16	3498.38	-	-	27.06	0.00	3471.32
MW - 4	Manny	05/18/16	3498.38	-	-	27.10	0.00	3471.28
MW - 4	Manny	05/25/16	3498.38	39.48	-	27.05	0.00	3471.33
MW - 4	Carlos	06/02/16	3498.38	-	-	27.17	0.00	3471.21
MW - 4	Carlos	06/06/16	3498.38	-	-	27.21	0.00	3471.17
MW - 4	Manny	06/28/16	3498.38	-	-	27.52	0.00	3470.86
MW - 4	Carlos	07/05/16	3498.38	-	-	27.61	0.00	3470.77
MW - 4	Carlos	07/14/16	3498.38	-	-	27.75	0.00	3470.63
MW - 4	Carlos	07/21/16	3498.38	-	-	27.94	0.00	3470.44
MW - 4	Carlos	07/25/16	3498.38	-	-	27.94	0.00	3470.44
MW - 4	Carlos	08/01/16	3498.38	-	-	28.04	0.00	3470.34
MW - 4	Carlos	08/09/16	3498.38	-	-	28.16	0.00	3470.22
MW - 4	Wes	08/15/16	3498.38	-	-	28.15	0.00	3470.23
MW - 4	Manny/ Wes	08/18/16	3498.38	39.45	-	28.10	0.00	3470.28
MW - 4	Carlos	08/22/16	3498.38	-	-	28.22	0.00	3470.16
MW - 4	Carlos	09/06/16	3498.38	-	-	26.99	0.00	3471.39
MW - 4	Carlos	09/12/16	3498.38	-	-	26.60	0.00	3471.78
MW - 4	Carlos	09/19/16	3498.38	-	-	23.56	0.00	3474.82
MW - 4	Wesley	09/26/16	3498.38	-	-	23.37	0.00	3475.01
MW - 4	Carlos	10/17/16	3498.38	-	-	24.66	0.00	3473.72
MW - 4	Wesley	10/25/16	3498.38	39.48	-	25.09	0.00	3473.29
MW - 4	Carlos	11/03/16	3498.38	-	-	25.61	0.00	3472.77
MW - 4	Carlos	11/08/16	3498.38	-	-	25.58	0.00	3472.80
MW - 4	Carlos	11/15/16	3498.38	-	-	25.63	0.00	3472.75
MW - 4	Manny	11/22/16	3498.38	39.48	-	25.55	0.00	3472.83
MW - 4	Carlos	12/05/16	3498.38	-	-	25.73	0.00	3472.65
MW - 4	Wesley	12/13/16	3498.38	-	-	25.95	0.00	3472.43
MW - 4	Carlos	12/22/16	3498.38	-	-	25.93	0.00	3472.45
MW - 4	Carlos	12/27/16	3498.38	-	-	26.02	0.00	3472.36
MW - 4	Carlos	01/04/17	3498.38	-	-	25.91	0.00	3472.47
MW - 4	Carlos	01/13/17	3498.38	-	-	26.22	0.00	3472.16
MW - 4	Carlos	01/17/17	3498.38	-	-	26.10	0.00	3472.28
MW - 4	Carlos	01/24/17	3498.38	-	-	25.87	0.00	3472.51
MW - 4	Carlos	01/31/17	3498.38	-	-	25.98	0.00	3472.40
MW - 4	Carlos	02/07/17	3498.38	-	-	25.96	0.00	3472.42
MW - 4	Wesley	02/16/17	3498.38	-	-	25.86	0.00	3472.52
MW - 4	Carlos	02/20/17	3498.38	-	-	26.10	0.00	3472.28
MW - 4	Carlos	03/01/17	3498.38	39.50	-	26.07	0.00	3472.31
MW - 4	Carlos	03/06/17	3498.38	-	-	25.87	0.00	3472.51
MW - 4	Carlos	03/14/17	3498.38	-	-	25.91	0.00	3472.47
MW - 4	Carlos	03/24/17	3498.38	-	-	25.93	0.00	3472.45
MW - 4	Carlos	04/04/17	3498.38	-	-	25.82	0.00	3472.56
MW - 4	Manny/ Jeremy	04/19/17	3498.38	-	-	25.81	0.00	3472.57
MW - 4	Jeremy	05/01/17	3498.38	-	-	25.88	0.00	3472.50
MW - 4	Jeremy	05/18/17	3498.38	39.50	-	25.93	0.00	3472.45
MW - 4	Jeremy	05/23/17	3498.38	-	-	26.10	0.00	3472.28

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4	Jeremy	06/06/17	3498.38	-	-	26.27	0.00	3472.11
MW - 4	Jeremy	06/12/17	3498.38	-	-	26.25	0.00	3472.13
MW - 4	Jeremy	07/03/17	3498.38	-	-	26.50	0.00	3471.88
MW - 4	Jeremy	07/25/17	3498.38	-	-	26.74	0.00	3471.64
MW - 4	Jeremy	08/14/17	3498.38	39.44	-	25.98	0.00	3472.40
MW - 4	Jeremy	08/21/17	3498.38	-	-	26.03	0.00	3472.35
MW - 4	Jeremy	09/06/17	3498.38	-	-	25.62	0.00	3472.76
MW - 4	Jeremy	09/12/17	3498.38	-	-	25.76	0.00	3472.62
MW - 4	Jeremy	10/04/17	3498.38	-	-	25.72	0.00	3472.66
MW - 4	Jeremy	10/17/17	3498.38	-	-	25.67	0.00	3472.71
MW - 4	Jeremy	10/23/17	3498.38	-	-	25.80	0.00	3472.58
MW - 4	Jeremy	10/30/17	3498.38	-	-	25.92	0.00	3472.46
MW - 4	Manny/ Jeremy	11/15/17	3498.38	39.65	-	26.03	0.00	3472.35
MW - 4	Jeremy	12/04/17	3498.38	-	-	25.89	0.00	3472.49
MW - 4	Jeremy	12/22/17	3498.38	-	-	26.12	0.00	3472.26
MW - 4	Jeremy	12/29/17	3498.38	-	-	26.13	0.00	3472.25
MW - 4	Jeremy	01/02/18	3498.38	-	-	26.12	0.00	3472.26
MW - 4	Jeremy	01/17/18	3498.38	-	-	26.11	0.00	3472.27
MW - 4	Jeremy	01/23/18	3498.38	-	-	26.17	0.00	3472.21
MW - 4	Jeremy	01/29/18	3498.38	-	-	26.28	0.00	3472.10
MW - 4	Jeremy	02/05/18	3498.38	-	-	25.96	0.00	3472.42
MW - 4	Jeremy	02/14/18	3498.38	-	-	26.07	0.00	3472.31
MW - 4	Jeremy	02/19/18	3498.38	39.65	-	25.94	0.00	3472.44
MW - 4	Jeremy	03/28/18	3498.38	-	-	26.10	0.00	3472.28
MW - 4	Jeremy	04/05/18	3498.38	-	-	26.07	0.00	3472.31
MW - 4	Jeremy	04/27/18	3498.38	-	-	26.19	0.00	3472.19
MW - 4	Jeremy	05/16/18	3498.38	39.44	-	26.26	0.00	3472.12
MW - 4	Jeremy	06/15/18	3498.38	-	-	26.56	0.00	3471.82
MW - 4	Jeremy	06/19/18	3498.38	-	-	26.64	0.00	3471.74
MW - 4	Jeremy	06/29/18	3498.38	-	-	26.81	0.00	3471.57
MW - 4	Jeremy	07/16/18	3498.38	-	-	27.08	0.00	3471.30
MW - 4	Jeremy	08/15/18	3498.38	39.46	-	27.38	0.00	3471.00
MW - 4	Jeremy	09/05/18	3498.38	-	-	27.45	0.00	3470.93
MW - 4	Jeremy	09/10/18	3498.38	-	-	26.63	0.00	3471.75
MW - 4	Jeremy	10/08/18	3498.38	-	-	26.94	0.00	3471.44
MW - 4	Jeremy	11/06/18	3498.38	-	-	26.19	0.00	3472.19
MW - 4	Jeremy	11/21/18	3498.38	-	-	26.43	0.00	3471.95
MW - 4	Jeremy	11/29/18	3498.38	39.48	-	26.42	0.00	3471.96
MW - 4	Manny/Elias	12/07/18	3498.38	-	-	26.65	0.00	3471.73
MW - 4	Manny/Elias	12/14/18	3498.38	-	-	26.70	0.00	3471.68
MW - 4	Manny/Elias	01/29/19	3498.38	-	-	26.57	0.00	3471.81
MW - 4	Manny/Elias	03/05/19	3498.38	39.49	-	26.72	0.00	3471.66
MW - 4	Manny/Elias	03/27/19	3498.38	-	-	26.20	0.00	3472.18
MW - 4	Manny/Elias	03/29/19	3498.38	-	-	26.12	0.00	3472.26
MW - 4	Manny/Elias	04/02/19	3498.38	-	-	26.18	0.00	3472.20
MW - 4	Manny/Elias	04/18/19	3498.38	-	-	26.46	0.00	3471.92
MW - 4	Manny/Elias	04/25/19	3498.38	-	-	26.29	0.00	3472.09
MW - 4	Elias	05/02/19	3498.38	-	-	26.41	0.00	3471.97
MW - 4	Manny/Elias	05/14/19	3498.38	39.52	-	26.41	0.00	3471.97
MW - 4	Manny/Elias	05/20/19	3498.38	-	-	26.34	0.00	3472.04
MW - 4	Manny/Elias	06/06/19	3498.38	-	-	26.65	0.00	3471.73
MW - 4	Manny/Elias	07/17/19	3498.38	-	-	26.81	0.00	3471.57
MW - 4	Manny/Elias	08/14/19	3498.38	-	-	27.34	0.00	3471.04
MW - 4	Elias	09/11/19	3498.38	39.45	-	27.24	0.00	3471.14
MW - 4	Elias	10/16/19	3498.38	-	-	26.48	0.00	3471.90
MW - 4	Elias	11/04/19	3498.38	-	-	26.77	0.00	3471.61
MW - 4	Elias	12/04/19	3498.38	39.48	-	26.30	0.00	3472.08
MW - 4	Elias	12/30/19	3498.38	-	-	26.66	0.00	3471.72
MW - 4	Elias	01/14/20	3498.38	-	-	26.65	0.00	3471.73
MW - 4	Elias	02/13/20	3498.38	39.48	-	26.54	0.00	3471.84
MW - 4	Elias	05/15/20	3498.38	-	-	26.15	0.00	3472.23
MW - 4	Manny	06/25/20	3498.38	39.49	-	26.93	0.00	3471.45
MW - 4	Manny	07/28/20	3498.38	-	-	27.35	0.00	3471.03

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4	Manny	08/19/20	3498.38	39.52	-	27.45	0.00	3470.93
MW - 4	Manny	09/11/20	3498.38	-	-	27.61	0.00	3470.77
MW - 4	Manny	10/30/20	3498.38	-	-	27.81	0.00	3470.57
MW - 4	Manny	11/11/20	3498.38	39.49	-	27.77	0.00	3470.61
MW - 4	Manny	12/30/20	3498.38	-	-	27.97	0.00	3470.41
MW - 4	Manny	01/21/21	3498.38	-	-	27.63	0.00	3470.75
MW - 4	Manny	03/18/21	3498.38	39.49	-	27.87	0.00	3470.51
MW - 4	Manny	05/27/21	3498.38	39.78	-	27.79	0.00	3470.59
MW - 4	Manny	07/26/21	3498.38	-	-	27.77	0.00	3470.61
MW - 4	Manny	07/27/21	3498.38	-	-	27.77	0.00	3470.61
MW - 4	Manny	09/29/21	3498.38	39.51	-	28.03	0.00	3470.35
MW - 4	Manny	10/13/21	3498.38	-	-	27.92	0.00	3470.46
MW - 4	Manny	10/29/21	3498.38	-	-	28.16	0.00	3470.22
MW - 4	Manny	12/02/21	3498.38	39.47	-	28.02	0.00	3470.36
MW - 4	Manny	01/13/22	3498.38	-	-	28.02	0.00	3470.36
MW - 4	Manny	03/03/22	3498.38	39.50	-	28.25	0.00	3470.13
MW - 4	Manny	04/28/22	3498.38	-	-	28.30	0.00	3470.08
MW - 4	Manny	06/01/22	3498.38	39.41	-	28.54	0.00	3469.84
MW - 4	Manny	08/24/22	3498.38	39.45	-	29.27	0.00	3469.11
MW - 4	Manny	10/18/22	3498.38	39.46	-	29.01	0.00	3469.37
MW - 4	Manny	03/09/23	3498.38	39.45	-	28.44	0.00	3469.94
MW - 4	Manny	05/03/23	3498.38	39.48	-	28.43	0.00	3469.95
MW - 4	Manny	08/30/23	3498.38	39.42	-	29.41	0.00	3468.97
MW - 4	Manny	11/30/23	3498.38	39.47	-	28.80	0.00	3469.58
MW - 4	Manny	03/25/24	3498.38	39.48	-	28.74	0.00	3469.64
MW - 4	Manny	06/19/24	3498.38	39.43	-	29.40	0.00	3468.98
MW - 4	Manny	09/10/24	3498.38	39.45	-	29.92	0.00	3468.46
MW - 4	Manny	11/13/24	3498.38	39.40	-	29.48	0.00	3468.90
MW - 5		11/30/99	3500.12	-	28.44	32.05	3.61	3471.14
MW - 5		03/03/00	3500.12	-	28.90	30.26	1.36	3471.02
MW - 5		05/16/00	3500.12	-	28.94	30.31	1.37	3470.97
MW - 5		09/01/00	3500.12	-	29.47	30.36	0.89	3470.52
MW - 5		11/21/00	3500.12	-	29.46	32.06	2.60	3470.27
MW - 5		03/05/01	3500.12	-	29.17	31.64	2.47	3470.58
MW - 5		05/17/01	3500.12	-	28.73	32.68	3.95	3470.80
MW - 5		08/27/01	3500.12	-	30.15	31.48	1.33	3469.77
MW - 5		10/24/01	3500.12	-	28.50	35.60	7.10	3470.56
MW - 5		03/27/02	3500.12	-	28.18	34.61	6.43	3470.98
MW - 5		05/14/02	3500.12	-	28.10	33.85	5.75	3471.16
MW - 5		06/07/02	3500.12	-	28.25	33.77	5.52	3471.04
MW - 5		09/27/02	3500.12	-	28.24	34.33	6.09	3470.97
MW - 5		10/29/02	3500.12	-	28.62	29.58	0.96	3471.36
MW - 5		11/07/02	3500.12	-	28.50	30.06	1.56	3471.39
MW - 5		12/04/02	3500.12	-	28.36	29.37	1.01	3471.61
MW - 5		01/07/03	3500.12	-	28.53	28.64	0.11	3471.57
MW - 5		01/27/03	3500.12	-	28.24	29.86	1.62	3471.64
MW - 5		02/25/03	3500.12	-	28.20	30.09	1.89	3471.64
MW - 5		03/06/03	3500.12	-	28.27	30.36	2.09	3471.54
MW - 5		03/11/03	3500.12	-	28.21	30.28	2.07	3471.60
MW - 5		03/20/03	3500.12	-	28.30	30.33	2.03	3471.52
MW - 5		03/25/03	3500.12	-	28.27	30.55	2.28	3471.51
MW - 5		04/02/03	3500.12	-	28.36	28.42	0.06	3471.75
MW - 5		04/16/03	3500.12	-	28.47	28.50	0.03	3471.65
MW - 5		04/23/03	3500.12	-	28.35	28.57	0.22	3471.74
MW - 5		04/29/03	3500.12	-	28.32	28.62	0.30	3471.76
MW - 5		05/15/03	3500.12	-	28.53	28.57	0.04	3471.58
MW - 5		05/22/03	3500.12	-	28.57	28.75	0.18	3471.52
MW - 5		05/28/03	3500.12	-	28.82	28.91	0.09	3471.29
MW - 5		06/04/03	3500.12	-	28.68	28.87	0.19	3471.41
MW - 5		06/10/03	3500.12	-	28.58	29.10	0.52	3471.46
MW - 5		06/26/03	3500.12	-	28.49	28.99	0.50	3471.56
MW - 5		07/07/03	3500.12	-	29.28	29.73	0.45	3470.77

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5		07/30/03	3500.12	-	29.25	29.70	0.45	3470.80
MW - 5		08/05/03	3500.12	-	29.66	30.27	0.61	3470.37
MW - 5		08/21/03	3500.12	-	29.83	30.73	0.90	3470.16
MW - 5		08/26/03	3500.12	-	29.88	30.94	1.06	3470.08
MW - 5		09/08/03	3500.12	-	29.95	30.69	0.74	3470.06
MW - 5		09/15/03	3500.12	-	29.97	30.66	0.69	3470.05
MW - 5		09/24/03	3500.12	-	29.94	30.41	0.47	3470.11
MW - 5		10/02/03	3500.12	-	29.78	31.65	1.87	3470.06
MW - 5		10/08/03	3500.12	-	29.70	31.70	2.00	3470.12
MW - 5		10/16/03	3500.12	-	30.02	32.10	2.08	3469.79
MW - 5		10/28/03	3500.12	-	30.17	30.60	0.43	3469.89
MW - 5		11/11/03	3500.12	-	30.27	30.90	0.63	3469.76
MW - 5		11/18/03	3500.12	-	30.04	30.95	0.91	3469.94
MW - 5		11/25/03	3500.12	-	29.80	30.48	0.68	3470.22
MW - 5		12/08/03	3500.12	-	29.82	30.66	0.84	3470.17
MW - 5		01/27/04	3500.12	-	30.25	31.97	1.72	3469.61
MW - 5		02/02/04	3500.12	-	30.20	31.95	1.75	3469.66
MW - 5		02/10/04	3500.12	-	29.70	31.57	1.87	3470.14
MW - 5		02/20/04	3500.12	-	29.85	31.92	2.07	3469.96
MW - 5		03/04/04	3500.12	-	29.71	31.55	1.84	3470.13
MW - 5		03/16/04	3500.12	-	30.04	31.40	1.36	3469.88
MW - 5		03/25/04	3500.12	-	30.10	31.39	1.29	3469.83
MW - 5		03/31/04	3500.12	-	30.13	31.40	1.27	3469.80
MW - 5		04/01/04	3500.12	-	30.04	31.47	1.43	3469.87
MW - 5		04/08/04	3500.12	-	23.14	24.37	1.23	3476.80
MW - 5		04/14/04	3500.12	-	26.06	36.66	10.60	3472.47
MW - 5		04/16/04	3500.12	-	26.33	36.71	10.38	3472.23
MW - 5		04/22/04	3500.12	-	26.32	32.35	6.03	3472.90
MW - 5		04/29/04	3500.12	-	26.38	32.98	6.60	3472.75
MW - 5		05/05/04	3500.12	-	26.93	31.04	4.11	3472.57
MW - 5		05/10/04	3500.12	-	26.72	29.72	3.00	3472.95
MW - 5		06/08/04	3500.12	-	26.89	30.48	3.59	3472.69
MW - 5		06/17/04	3500.12	-	27.10	30.81	3.71	3472.46
MW - 5		06/22/04	3500.12	-	27.13	30.76	3.63	3472.45
MW - 5		06/25/04	3500.12	-	27.09	30.72	3.63	3472.49
MW - 5		06/29/04	3500.12	-	27.07	30.78	3.71	3472.49
MW - 5		07/01/04	3500.12	-	27.09	30.64	3.55	3472.50
MW - 5		07/08/04	3500.12	-	27.08	30.76	3.68	3472.49
MW - 5		07/13/04	3500.12	-	27.14	30.55	3.41	3472.47
MW - 5		07/20/04	3500.12	-	27.15	32.22	5.07	3472.21
MW - 5		08/04/04	3500.12	-	27.17	32.21	5.04	3472.19
MW - 5		08/10/04	3500.12	-	27.20	32.22	5.02	3472.17
MW - 5		08/17/04	3500.12	-	29.56	30.58	1.02	3470.41
MW - 5		08/23/04	3500.12	-	27.36	30.98	3.62	3472.22
MW - 5		08/25/04	3500.12	-	27.38	31.00	3.62	3472.20
MW - 5		08/31/04	3500.12	-	27.49	31.21	3.72	3472.07
MW - 5		09/13/04	3500.12	-	27.60	30.55	2.95	3472.08
MW - 5		09/20/04	3500.12	-	27.74	29.96	2.22	3472.05
MW - 5		09/30/04	3500.12	-	27.94	30.05	2.11	3471.86
MW - 5		10/04/04	3500.12	-	25.77	30.15	4.38	3473.69
MW - 5		10/11/04	3500.12	-	25.42	28.10	2.68	3474.30
MW - 5		10/18/04	3500.12	-	25.36	28.39	3.03	3474.31
MW - 5		10/27/04	3500.12	-	25.61	28.29	2.68	3474.11
MW - 5		11/02/04	3500.12	-	26.26	26.95	0.69	3473.76
MW - 5		11/08/04	3500.12	-	26.35	27.15	0.80	3473.65
MW - 5		11/15/04	3500.12	-	26.26	26.86	0.60	3473.77
MW - 5		11/23/04	3500.12	-	26.03	27.00	0.97	3473.94
MW - 5		12/01/04	3500.12	-	25.78	26.70	0.92	3474.20
MW - 5		12/02/04	3500.12	-	25.78	26.70	0.92	3474.20
MW - 5		12/08/04	3500.12	-	25.40	27.20	1.80	3474.45
MW - 5		12/14/04	3500.12	-	25.97	26.57	0.60	3474.06
MW - 5		12/21/04	3500.12	-	25.80	26.72	0.92	3474.18
MW - 5		12/29/04	3500.12	-	25.81	26.70	0.89	3474.18

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5		01/11/05	3500.12	-	25.85	26.33	0.48	3474.20
MW - 5		01/14/05	3500.12	-	26.00	26.85	0.85	3473.99
MW - 5		01/18/05	3500.12	-	25.71	26.50	0.79	3474.29
MW - 5		01/21/05	3500.12	-	25.70	26.59	0.89	3474.29
MW - 5		01/25/05	3500.12	-	25.70	26.58	0.88	3474.29
MW - 5		01/28/05	3500.12	-	25.71	26.51	0.80	3474.29
MW - 5		02/02/05	3500.12	-	25.75	26.55	0.80	3474.25
MW - 5		02/05/05	3500.12	-	25.67	26.48	0.81	3474.33
MW - 5		02/08/05	3500.12	-	25.66	26.61	0.95	3474.32
MW - 5		02/11/05	3500.12	-	25.69	26.50	0.81	3474.31
MW - 5		02/15/05	3500.12	-	25.69	26.69	1.00	3474.28
MW - 5		02/18/05	3500.12	-	25.72	26.66	0.94	3474.26
MW - 5		02/22/05	3500.12	-	25.70	26.60	0.90	3474.29
MW - 5		02/25/05	3500.12	-	sheen	26.30	0.00	3473.82
MW - 5		03/01/05	3500.12	-	sheen	25.81	0.00	3474.31
MW - 5		03/04/05	3500.12	-	sheen	24.71	0.00	3475.41
MW - 5		03/08/05	3500.12	-	25.62	25.80	0.18	3474.47
MW - 5		03/10/05	3500.12	-	25.62	25.80	0.18	3474.47
MW - 5		03/11/05	3500.12	-	25.60	25.85	0.25	3474.48
MW - 5		03/15/05	3500.12	-	25.63	25.89	0.26	3474.45
MW - 5		03/19/05	3500.12	-	25.62	25.88	0.26	3474.46
MW - 5		03/22/05	3500.12	-	25.71	26.11	0.40	3474.35
MW - 5		03/28/05	3500.12	-	25.60	25.98	0.38	3474.46
MW - 5		04/01/05	3500.12	-	25.68	26.09	0.41	3474.38
MW - 5		04/05/05	3500.12	-	25.59	25.96	0.37	3474.47
MW - 5		04/08/05	3500.12	-	25.61	25.99	0.38	3474.45
MW - 5		04/12/05	3500.12	-	25.65	26.05	0.40	3474.41
MW - 5		04/15/05	3500.12	-	25.64	25.95	0.31	3474.43
MW - 5		05/25/05	3500.12	-	25.30	25.90	0.60	3474.73
MW - 5		06/03/05	3500.12	-	25.20	25.72	0.52	3474.84
MW - 5		06/06/05	3500.12	-	25.23	25.73	0.50	3474.82
MW - 5		06/10/05	3500.12	-	25.24	25.70	0.46	3474.81
MW - 5		06/13/05	3500.12	-	25.44	25.99	0.55	3474.60
MW - 5		06/20/05	3500.12	-	25.30	25.59	0.29	3474.78
MW - 5		06/24/05	3500.12	-	25.26	25.55	0.29	3474.82
MW - 5		06/27/05	3500.12	-	25.30	26.00	0.70	3474.72
MW - 5		07/18/05	3500.12	-	25.58	26.25	0.67	3474.44
MW - 5		07/25/05	3500.12	-	25.66	25.98	0.32	3474.41
MW - 5		08/01/05	3500.12	-	25.72	26.12	0.40	3474.34
MW - 5		08/04/05	3500.12	-	25.75	26.10	0.35	3474.32
MW - 5		08/10/05	3500.12	-	25.85	26.00	0.15	3474.25
MW - 5		08/16/05	3500.12	-	25.94	26.00	0.06	3474.17
MW - 5		08/23/05	3500.12	-	25.46	25.75	0.29	3474.62
MW - 5		08/29/05	3500.12	-	25.40	25.80	0.40	3474.66
MW - 5		09/06/05	3500.12	-	25.49	25.88	0.39	3474.57
MW - 5		09/09/05	3500.12	-	25.40	25.88	0.48	3474.65
MW - 5		09/12/05	3500.12	-	25.46	25.90	0.44	3474.59
MW - 5		09/19/05	3500.12	-	25.62	26.09	0.47	3474.43
MW - 5		09/27/05	3500.12	-	25.55	26.10	0.55	3474.49
MW - 5		10/03/05	3500.12	-	25.59	26.00	0.41	3474.47
MW - 5		10/10/05	3500.12	-	25.59	26.11	0.52	3474.45
MW - 5		10/17/05	3500.12	-	25.56	26.05	0.49	3474.49
MW - 5		10/24/05	3500.12	-	25.50	26.03	0.53	3474.54
MW - 5		11/01/05	3500.12	-	25.36	26.06	0.70	3474.66
MW - 5		11/08/05	3500.12	-	24.41	24.95	0.54	3475.63
MW - 5		11/15/05	3500.12	-	25.65	26.36	0.71	3474.36
MW - 5		11/22/05	3500.12	-	25.34	26.00	0.66	3474.68
MW - 5		11/27/05	3500.12	-	25.40	25.88	0.48	3474.65
MW - 5		12/05/05	3500.12	-	25.33	25.93	0.60	3474.70
MW - 5		12/07/05	3500.12	-	25.38	26.24	0.86	3474.61
MW - 5		12/16/05	3500.12	-	25.30	25.90	0.60	3474.73
MW - 5		12/29/05	3500.12	-	25.25	25.90	0.65	3474.77
MW - 5		01/03/06	3500.12	-	25.28	25.94	0.66	3474.74

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5		01/09/06	3500.12	-	25.18	26.00	0.82	3474.82
MW - 5		01/16/06	3500.12	-	25.25	26.03	0.78	3474.75
MW - 5		01/23/06	3500.12	-	25.45	26.10	0.65	3474.57
MW - 5		01/30/06	3500.12	-	24.54	25.00	0.46	3475.51
MW - 5		02/07/06	3500.12	-	25.58	26.07	0.49	3474.47
MW - 5		02/09/06	3500.12	-	25.54	25.83	0.29	3474.54
MW - 5		02/14/06	3500.12	-	25.29	25.60	0.31	3474.78
MW - 5		02/21/06	3500.12	-	25.30	25.60	0.30	3474.78
MW - 5		02/27/06	3500.12	-	25.28	25.62	0.34	3474.79
MW - 5		03/06/06	3500.12	-	25.35	25.69	0.34	3474.72
MW - 5		03/09/06	3500.12	-	25.21	25.50	0.29	3474.87
MW - 5		03/17/06	3500.12	-	25.56	25.58	0.02	3474.56
MW - 5		03/21/06	3500.12	-	25.50	25.79	0.29	3474.58
MW - 5		03/28/06	3500.12	-	25.52	25.75	0.23	3474.57
MW - 5		04/03/06	3500.12	-	25.44	25.77	0.33	3474.63
MW - 5		04/10/06	3500.12	-	25.25	25.42	0.17	3474.84
MW - 5		04/17/06	3500.12	-	25.21	25.45	0.24	3474.87
MW - 5		05/01/06	3500.12	-	25.30	25.40	0.10	3474.81
MW - 5		05/08/06	3500.12	-	25.28	25.40	0.12	3474.82
MW - 5		05/15/06	3500.12	-	25.49	25.72	0.23	3474.60
MW - 5		06/01/06	3500.12	-	25.62	25.85	0.23	3474.47
MW - 5		06/05/06	3500.12	-	25.58	25.76	0.18	3474.51
MW - 5		06/08/06	3500.12	-	25.73	25.91	0.18	3474.36
MW - 5		06/12/06	3500.12	-	25.80	25.98	0.18	3474.29
MW - 5		06/19/06	3500.12	-	25.88	26.02	0.14	3474.22
MW - 5		07/03/06	3500.12	-	26.04	26.18	0.14	3474.06
MW - 5		07/10/06	3500.12	-	25.96	26.07	0.11	3474.14
MW - 5		07/17/06	3500.12	-	25.73	25.85	0.12	3474.37
MW - 5		07/26/06	3500.12	-	25.95	26.15	0.20	3474.14
MW - 5		07/31/06	3500.12	-	26.02	26.19	0.17	3474.07
MW - 5		08/07/06	3500.12	-	25.03	25.09	0.06	3475.08
MW - 5		08/17/06	3500.12	-	25.88	26.01	0.13	3474.22
MW - 5		08/21/06	3500.12	-	25.76	25.85	0.09	3474.35
MW - 5		09/06/06	3500.12	-	25.28	25.42	0.14	3474.82
MW - 5		09/11/06	3500.12	-	25.33	25.54	0.21	3474.76
MW - 5		09/15/06	3500.12	-	25.29	25.43	0.14	3474.81
MW - 5		10/02/06	3500.12	-	25.34	25.48	0.14	3474.76
MW - 5		10/09/06	3500.12	-	25.55	25.81	0.26	3474.53
MW - 5		10/17/06	3500.12	-	25.33	25.71	0.38	3474.73
MW - 5		10/23/06	3500.12	-	25.38	25.49	0.11	3474.72
MW - 5		10/30/06	3500.12	-	25.36	25.47	0.11	3474.74
MW - 5		11/06/06	3500.12	-	25.38	25.54	0.16	3474.72
MW - 5		11/13/06	3500.12	-	25.28	25.36	0.08	3474.83
MW - 5		11/20/06	3500.12	-	25.39	25.56	0.17	3474.70
MW - 5		11/27/06	3500.12	-	25.33	25.39	0.06	3474.78
MW - 5		11/29/06	3500.12	-	25.33	25.39	0.06	3474.78
MW - 5		12/04/06	3500.12	-	25.35	25.47	0.12	3474.75
MW - 5		12/12/06	3500.12	-	25.33	25.58	0.25	3474.75
MW - 5		12/18/06	3500.12	-	25.35	25.58	0.23	3474.74
MW - 5		01/04/07	3500.12	-	25.10	25.40	0.30	3474.98
MW - 5		01/11/07	3500.12	-	25.21	25.41	0.20	3474.88
MW - 5		01/18/07	3500.12	-	25.33	25.54	0.21	3474.76
MW - 5		01/22/07	3500.12	-	25.33	25.53	0.20	3474.76
MW - 5		01/31/07	3500.12	-	25.19	25.30	0.11	3474.91
MW - 5		02/07/07	3500.12	-	25.27	25.41	0.14	3474.83
MW - 5		02/14/07	3500.12	-	25.29	25.39	0.10	3474.82
MW - 5		02/26/07	3500.12	-	25.24	25.38	0.14	3474.86
MW - 5		03/07/07	3500.12	-	25.34	25.50	0.16	3474.76
MW - 5		04/03/07	3500.12	-	25.21	25.34	0.13	3474.89
MW - 5		04/09/07	3500.12	-	24.96	25.01	0.05	3475.15
MW - 5		04/17/07	3500.12	-	25.05	25.19	0.14	3475.05
MW - 5		05/01/07	3500.12	-	25.05	25.14	0.09	3475.06
MW - 5		05/07/07	3500.12	-	25.06	25.17	0.11	3475.04

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5		05/17/07	3500.12	-	24.80	24.84	0.04	3475.31
MW - 5		05/21/07	3500.12	-	24.64	24.69	0.05	3475.47
MW - 5		05/22/07	3500.12	-	24.64	24.69	0.05	3475.47
MW - 5		06/01/07	3500.12	-	24.71	24.79	0.08	3475.40
MW - 5		06/06/07	3500.12	-	24.69	24.76	0.07	3475.42
MW - 5		06/11/07	3500.12	-	24.79	25.08	0.29	3475.29
MW - 5		06/19/07	3500.12	-	24.86	24.99	0.13	3475.24
MW - 5		06/25/07	3500.12	-	24.86	24.96	0.10	3475.25
MW - 5		07/03/07	3500.12	-	24.96	25.11	0.15	3475.14
MW - 5		07/23/07	3500.12	-	25.18	25.30	0.12	3474.92
MW - 5		07/30/07	3500.12	-	25.29	25.57	0.28	3474.79
MW - 5		08/06/07	3500.12	-	25.31	25.54	0.23	3474.78
MW - 5		08/13/07	3500.12	-	25.46	25.59	0.13	3474.64
MW - 5		08/16/07	3500.12	-	25.46	25.58	0.12	3474.64
MW - 5		08/27/07	3500.12	-	25.59	25.71	0.12	3474.51
MW - 5		09/07/07	3500.12	-	25.69	25.83	0.14	3474.41
MW - 5		09/13/07	3500.12	-	sheen	24.90	0.00	3475.22
MW - 5		09/18/07	3500.12	-	sheen	25.10	0.00	3475.02
MW - 5		09/24/07	3500.12	-	sheen	25.21	0.00	3474.91
MW - 5		10/01/07	3500.12	-	sheen	25.34	0.00	3474.78
MW - 5		10/08/07	3500.12	-	sheen	25.44	0.00	3474.68
MW - 5		10/15/07	3500.12	-	sheen	24.25	0.00	3475.87
MW - 5		11/05/07	3500.12	-	sheen	25.20	0.00	3474.92
MW - 5		11/07/07	3500.12	-	sheen	25.27	0.00	3474.85
MW - 5		11/12/07	3500.12	-	sheen	25.30	0.00	3474.82
MW - 5		11/19/07	3500.12	-	sheen	25.25	0.00	3474.87
MW - 5		11/28/07	3500.12	-	sheen	25.31	0.00	3474.81
MW - 5		12/03/07	3500.12	-	sheen	25.32	0.00	3474.80
MW - 5		12/14/07	3500.12	-	sheen	25.18	0.00	3474.94
MW - 5		01/09/08	3500.12	-	-	25.10	0.00	3475.02
MW - 5		01/16/08	3500.12	-	-	25.20	0.00	3474.92
MW - 5		01/23/08	3500.12	-	-	25.35	0.00	3474.77
MW - 5		02/08/08	3500.12	-	-	25.34	0.00	3474.78
MW - 5		02/12/08	3500.12	-	-	25.31	0.00	3474.81
MW - 5		02/22/08	3500.12	-	-	25.42	0.00	3474.70
MW - 5		03/05/08	3500.12	-	-	25.30	0.00	3474.82
MW - 5		03/19/08	3500.12	-	-	25.48	0.00	3474.64
MW - 5		04/03/08	3500.12	-	-	25.32	0.00	3474.80
MW - 5		05/14/08	3500.12	-	-	25.38	0.00	3474.74
MW - 5		06/09/08	3500.12	-	-	25.65	0.00	3474.47
MW - 5		06/23/08	3500.12	-	-	25.86	0.00	3474.26
MW - 5		07/22/08	3500.12	-	-	26.20	0.00	3473.92
MW - 5		08/04/08	3500.12	-	-	26.28	0.00	3473.84
MW - 5		08/18/08	3500.12	-	-	26.42	0.00	3473.70
MW - 5		09/02/08	3500.12	-	-	25.92	0.00	3474.20
MW - 5		09/17/08	3500.12	-	-	25.99	0.00	3474.13
MW - 5		09/29/08	3500.12	-	-	26.03	0.00	3474.09
MW - 5		10/06/08	3500.12	-	-	26.06	0.00	3474.06
MW - 5		10/13/08	3500.12	-	-	26.04	0.00	3474.08
MW - 5		10/20/08	3500.12	-	-	25.94	0.00	3474.18
MW - 5		10/29/08	3500.12	-	-	25.92	0.00	3474.20
MW - 5		11/05/08	3500.12	-	-	25.89	0.00	3474.23
MW - 5		11/10/08	3500.12	-	-	0.00	0.00	3500.12
MW - 5		11/13/08	3500.12	-	-	25.82	0.00	3474.30
MW - 5		12/03/08	3500.12	-	-	26.35	0.00	3473.77
MW - 5		12/16/08	3500.12	-	-	25.93	0.00	3474.19
MW - 5		12/30/08	3500.12	-	sheen	25.91	0.00	3474.21
MW - 5		01/06/09	3500.12	-	-	-	-	-
MW - 5		02/11/09	3500.12	-	-	25.97	0.00	3474.15
MW - 5		02/24/09	3500.12	-	-	25.95	0.00	3474.17
MW - 5		03/04/09	3500.12	-	-	25.91	0.00	3474.21
MW - 5		03/17/09	3500.12	-	-	25.98	0.00	3474.14
MW - 5		03/25/09	3500.12	-	-	25.89	0.00	3474.23

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5		04/08/09	3500.12	-	-	25.89	0.00	3474.23
MW - 5		04/15/09	3500.12	-	-	25.96	0.00	3474.16
MW - 5		04/29/09	3500.12	-	-	25.97	0.00	3474.15
MW - 5		05/13/09	3500.12	-	-	25.93	0.00	3474.19
MW - 5		06/01/09	3500.12	-	-	26.69	0.00	3473.43
MW - 5		06/10/09	3500.12	-	-	25.94	0.00	3474.18
MW - 5		06/12/09	3500.12	-	-	26.32	0.00	3473.80
MW - 5		06/18/09	3500.12	-	-	25.93	0.00	3474.19
MW - 5		06/24/09	3500.12	-	-	26.64	0.00	3473.48
MW - 5		07/02/09	3500.12	-	-	26.52	0.00	3473.60
MW - 5		07/08/09	3500.12	-	-	25.90	0.00	3474.22
MW - 5		07/14/09	3500.12	-	-	26.73	0.00	3473.39
MW - 5		07/20/09	3500.12	-	-	26.73	0.00	3473.39
MW - 5		07/27/09	3500.12	-	-	26.74	0.00	3473.38
MW - 5		08/03/09	3500.12	-	-	25.55	0.00	3474.57
MW - 5		08/10/09	3500.12	-	-	26.28	0.00	3473.84
MW - 5		08/11/09	3500.12	-	-	26.28	0.00	3473.84
MW - 5		08/18/09	3500.12	-	-	26.76	0.00	3473.36
MW - 5		08/24/09	3500.12	-	-	26.81	0.00	3473.31
MW - 5		08/31/09	3500.12	-	-	27.01	0.00	3473.11
MW - 5		09/03/09	3500.12	-	-	26.32	0.00	3473.80
MW - 5		09/08/09	3500.12	-	-	27.04	0.00	3473.08
MW - 5		09/11/09	3500.12	-	-	27.09	0.00	3473.03
MW - 5		09/16/09	3500.12	-	-	26.97	0.00	3473.15
MW - 5		09/22/09	3500.12	-	-	27.14	0.00	3472.98
MW - 5		09/29/09	3500.12	-	-	26.76	0.00	3473.36
MW - 5		10/02/09	3500.12	-	-	27.08	0.00	3473.04
MW - 5		10/07/09	3500.12	-	-	27.03	0.00	3473.09
MW - 5		10/12/09	3500.12	-	-	29.89	0.00	3470.23
MW - 5		10/16/09	3500.12	-	-	27.06	0.00	3473.06
MW - 5		10/20/09	3500.12	-	-	29.90	0.00	3470.22
MW - 5		10/26/09	3500.12	-	-	29.89	0.00	3470.23
MW - 5		10/28/09	3500.12	-	-	26.95	0.00	3473.17
MW - 5		11/04/09	3500.12	-	-	27.18	0.00	3472.94
MW - 5		11/12/09	3500.12	-	sheen	26.99	0.00	3473.13
MW - 5		11/23/09	3500.12	-	-	27.09	0.00	3473.03
MW - 5		12/03/09	3500.12	-	sheen	27.21	0.00	3472.91
MW - 5		12/16/09	3500.12	-	sheen	27.11	0.00	3473.01
MW - 5		12/21/09	3500.12	-	sheen	27.05	0.00	3473.07
MW - 5		12/28/09	3500.12	-	sheen	29.87	0.00	3470.25
MW - 5		01/05/10	3500.12	-	sheen	27.13	0.00	3472.99
MW - 5		01/20/10	3500.12	-	sheen	29.86	0.00	3470.26
MW - 5		01/25/10	3500.12	-	sheen	29.84	0.00	3470.28
MW - 5		01/27/10	3500.12	-	sheen	27.10	0.00	3473.02
MW - 5		02/10/10	3500.12	-	sheen	27.10	0.00	3473.02
MW - 5		03/01/10	3500.12	-	sheen	29.81	0.00	3470.31
MW - 5		03/09/10	3500.12	-	sheen	27.13	0.00	3472.99
MW - 5		03/11/10	3500.12	-	sheen	27.09	0.00	3473.03
MW - 5		05/25/10	3500.12	DRY	-	-	-	-
MW - 5		06/07/10	3500.12	DRY	-	-	-	-
MW - 5		06/25/10	3500.12	DRY	-	-	-	-
MW - 5		07/07/10	3500.12	DRY	-	-	-	-
MW - 5		07/12/10	3500.12	DRY	-	-	-	-
MW - 5		07/26/10	3500.12	DRY	-	-	-	-
MW - 5		08/03/10	3500.12	DRY	-	-	-	-
MW - 5		08/13/10	3500.12	DRY	-	-	-	-
MW - 5		08/19/10	3500.12	DRY	-	-	-	-
MW - 5		08/25/10	3500.12	DRY	-	-	-	-
MW - 5		09/01/10	3500.12	DRY	-	-	-	-
MW - 5		09/09/10	3500.12	DRY	-	-	-	-
MW - 5		09/13/10	3500.12	DRY	-	-	-	-
MW - 5		09/29/10	3500.12	DRY	-	-	-	-
MW - 5		10/05/10	3500.12	DRY	-	-	-	-

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5		10/25/10	3500.12	DRY	-	-	-	-
MW - 5		11/03/10	3500.12	DRY	-	-	-	-
MW - 5		11/10/10	3500.12	-	sheen	25.77	0.00	3474.35
MW - 5		11/18/10	3500.12	-	sheen	25.77	0.00	3474.35
MW - 5		12/09/10	3500.12	-	sheen	26.70	0.00	3473.42
MW - 5		01/18/11	3500.12	-	sheen	25.77	0.00	3474.35
MW - 5		02/22/11	3500.12	-	sheen	25.77	0.00	3474.35
MW - 5		03/01/11	3500.12	-	sheen	26.90	0.00	3473.22
MW - 5		03/07/11	3500.12	-	sheen	26.76	0.00	3473.36
MW - 5		03/22/11	3500.12	-		25.77	0.00	3474.35
MW - 5		04/27/11	3500.12	-	27.13	27.15	0.02	3472.99
MW - 5		05/17/11	3500.12	-	sheen	25.78	0.00	3474.34
MW - 5		07/06/11	3500.12	-	27.85	28.18	0.33	3472.22
MW - 5		07/14/11	3500.12	-	27.85	28.22	0.37	3472.21
MW - 5		07/27/11	3500.12	-	sheen	28.02	0.00	3472.10
MW - 5		08/03/11	3500.12	-	-	28.20	0.00	3471.92
MW - 5		08/11/11	3500.12	-	sheen	28.36	0.00	3471.76
MW - 5		08/18/11	3500.12	-	sheen	28.28	0.00	3471.84
MW - 5		08/25/11	3500.12	-	-	28.34	0.00	3471.78
MW - 5		09/02/11	3500.12	-	-	28.40	0.00	3471.72
MW - 5		09/09/11	3500.12	-	-	28.39	0.00	3471.73
MW - 5		11/08/11	3500.12	-	-	28.40	0.00	3471.72
MW - 5		12/28/11	3500.12	-	-	28.45	0.00	3471.67
MW - 5		01/05/12	3500.12	-	-	28.42	0.00	3471.70
MW - 5		01/18/12	3500.12	-	-	28.17	0.00	3471.95
MW - 5		03/01/12	3500.12	-	-	28.13	0.00	3471.99
MW - 5		05/23/12	3500.12	-	-	28.19	0.00	3471.93
MW - 5		08/09/12	3500.12	-	-	28.72	0.00	3471.40
MW - 5		11/19/12	3500.12	-	-	28.68	0.00	3471.44
MW - 5		02/12/13	3500.12	-	-	28.53	0.00	3471.59
MW - 5		03/19/13	3500.12	-	-	28.47	0.00	3471.65
MW - 5		05/01/13	3500.12	-	-	29.10	0.00	3471.02
MW - 5		05/08/13	3500.12	-	-	28.46	0.00	3471.66
MW - 5		05/15/13	3500.12	-	-	28.45	0.00	3471.67
MW - 5		05/17/13	3500.12	-	-	28.49	0.00	3471.63
MW - 5		05/19/13	3500.12	-	-	28.49	0.00	3471.63
MW - 5		05/23/13	3500.12	-	-	28.53	0.00	3471.59
MW - 5		05/29/13	3500.12	-	-	28.49	0.00	3471.63
MW - 5		06/12/13	3500.12	-	-	28.82	0.00	3471.30
MW - 5		07/02/13	3500.12	-	-	29.23	0.00	3470.89
MW - 5		07/08/13	3500.12	-	-	29.24	0.00	3470.88
MW - 5		07/15/13	3500.12	-	-	29.31	0.00	3470.81
MW - 5		07/23/13	3500.12	-	-	29.24	0.00	3470.88
MW - 5		07/29/13	3500.12	-	-	29.40	0.00	3470.72
MW - 5		08/07/13	3500.12	38.96	-	29.19	0.00	3470.93
MW - 5		08/15/13	3500.12	-	-	29.49	0.00	3470.63
MW - 5		08/20/13	3500.12	-	-	29.58	0.00	3470.54
MW - 5		08/28/13	3500.12	-	-	29.44	0.00	3470.68
MW - 5		09/05/13	3500.12	-	-	29.68	0.00	3470.44
MW - 5		09/09/13	3500.12	-	-	29.47	0.00	3470.65
MW - 5		09/18/13	3500.12	-	-	29.60	0.00	3470.52
MW - 5		09/28/13	3500.12	-	-	29.65	0.00	3470.47
MW - 5		10/01/13	3500.12	-	-	29.43	0.00	3470.69
MW - 5		10/08/13	3500.12	-	-	29.44	0.00	3470.68
MW - 5		10/14/13	3500.12	-	-	29.45	0.00	3470.67
MW - 5		10/23/13	3500.12	-	-	29.34	0.00	3470.78
MW - 5		10/29/13	3500.12	-	-	29.26	0.00	3470.86
MW - 5		11/16/13	3500.12	-	-	29.12	0.00	3471.00
MW - 5		11/27/13	3500.12	38.90	-	29.25	0.00	3470.87
MW - 5		12/02/13	3500.12	-	-	28.98	0.00	3471.14
MW - 5		12/14/13	3500.12	-	-	29.33	0.00	3470.79
MW - 5		12/19/13	3500.12	-	-	28.90	0.00	3471.22
MW - 5		12/24/13	3500.12	-	-	29.10	0.00	3471.02

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5		01/02/14	3500.12	-	-	29.04	0.00	3471.08
MW - 5		01/07/14	3500.12	-	-	28.92	0.00	3471.20
MW - 5		01/14/14	3500.12	-	-	29.09	0.00	3471.03
MW - 5		01/21/14	3500.12	-	-	28.99	0.00	3471.13
MW - 5		01/31/14	3500.12	-	-	28.95	0.00	3471.17
MW - 5	John F.	02/10/14	3500.12	38.85	-	28.94	0.00	3471.18
MW - 5	John F.	02/27/14	3500.12	-	-	28.81	0.00	3471.31
MW - 5	John & Jose	03/06/14	3500.12	-	-	28.87	0.00	3471.25
MW - 5	John & Jose	03/13/14	3500.12	-	-	28.91	0.00	3471.21
MW - 5	David F.	03/25/14	3500.12	-	-	28.93	0.00	3471.19
MW - 5	Baer & Justin	04/03/14	3500.12	-	-	28.84	0.00	3471.28
MW - 5	Manny & Chan	04/07/14	3500.12	-	-	28.97	0.00	3471.15
MW - 5	Manny & Chan	04/14/14	3500.12	-	-	29.11	0.00	3471.01
MW - 5	Manny & Chan	04/23/14	3500.12	-	-	28.86	0.00	3471.26
MW - 5	Jose	04/28/14	3500.12	-	-	29.34	0.00	3470.78
MW - 5	Jose	05/05/14	3500.12	-	-	28.99	0.00	3471.13
MW - 5	Manny	05/14/14	3500.12	-	28.95	29.00	0.05	3471.16
MW - 5	David F.	05/22/14	3500.12	-	27.35	27.38	0.03	3472.77
MW - 5	Manny	05/28/14	3500.12	-	29.30	29.55	0.25	3470.78
MW - 5	Manny	06/02/14	3500.12	-	29.17	29.34	0.17	3470.92
MW - 5	Manny	06/12/14	3500.12	-	29.44	29.72	0.28	3470.64
MW - 5	Manny	06/17/14	3500.12	-	29.46	29.68	0.22	3470.63
MW - 5	Manny	06/25/14	3500.12	-	29.55	29.75	0.20	3470.54
MW - 5	Manny	06/30/14	3500.12	-	-	29.78	0.00	3470.34
MW - 5	Manny	07/11/14	3500.12	-	-	29.78	0.00	3470.34
MW - 5	Manny	07/14/14	3500.12	-	-	29.73	0.00	3470.39
MW - 5	Manny	07/22/14	3500.12	-	-	29.95	0.00	3470.17
MW - 5	Manny	07/23/14	3500.12	-	-	29.95	0.00	3470.17
MW - 5	Manny	08/05/14	3500.12	-	-	29.99	0.00	3470.13
MW - 5	Manny	08/12/14	3500.12	-	-	30.03	0.00	3470.09
MW - 5	David F.	08/13/14	3500.12	-	29.91	29.92	0.01	3470.21
MW - 5	David F.	08/27/14	3500.12	-	30.03	30.06	0.03	3470.09
MW - 5	Manny	09/17/14	3500.12	-	-	29.57	0.00	3470.55
MW - 5	Manny	09/23/14	3500.12	-	-	29.24	0.00	3470.88
MW - 5	Manny	10/10/14	3500.12	-	-	28.64	0.00	3471.48
MW - 5	Manny	10/10/14	3500.12	-	-	28.64	0.00	3471.48
MW - 5	Manny	10/15/14	3500.12	-	-	28.50	0.00	3471.62
MW - 5	Chance	10/20/14	3500.12	-	-	28.46	0.00	3471.66
MW - 5		10/27/14	3500.12	-	-	28.32	0.00	3471.80
MW - 5		10/28/14	3500.12	-	-	-	-	-
MW - 5	Manny	11/04/14	3500.12	-	-	28.42	0.00	3471.70
MW - 5	Manny	11/06/14	3500.12	38.85	-	28.31	0.00	3471.81
MW - 5	Manny	11/11/14	3500.12	-	-	28.32	0.00	3471.80
MW - 5	Chance	11/18/14	3500.12	-	-	28.27	0.00	3471.85
MW - 5	Manny	12/02/14	3500.12	-	-	28.01	0.00	3472.11
MW - 5	Manny	12/09/14	3500.12	-	-	27.96	0.00	3472.16
MW - 5	Manny	12/17/14	3500.12	-	-	28.31	0.00	3471.81
MW - 5	Manny	12/23/14	3500.12	-	-	27.92	0.00	3472.20
MW - 5	Manny	12/30/14	3500.12	-	-	28.17	0.00	3471.95
MW - 5	Carlos	01/09/15	3500.12	-	-	28.39	0.00	3471.73
MW - 5	Manny	01/13/15	3500.12	-	-	28.02	0.00	3472.10
MW - 5	Manny	01/21/15	3500.12	-	27.77	27.79	0.02	3472.35
MW - 5	Manny	01/26/15	3500.12	-	27.94	27.98	0.04	3472.17
MW - 5	Manny	02/03/15	3500.12	-	27.73	27.75	0.02	3472.39
MW - 5	Carlos	02/05/15	3500.12	-	-	27.87	0.00	3472.25
MW - 5	Carlos	02/16/15	3500.12	-	27.82	27.83	0.01	3472.30
MW - 5	Manny	02/17/15	3500.12	38.84	-	27.90	0.00	3472.22
MW - 5	Manny/Art	03/04/15	3500.12	-	-	27.73	0.00	3472.39
MW - 5	Manny	03/10/15	3500.12	-	-	27.75	0.00	3472.37
MW - 5	Manny	03/16/15	3500.12	-	-	27.72	0.00	3472.40
MW - 5	Matt	03/23/15	3500.12	-	-	27.73	0.00	3472.39
MW - 5	Manny	03/31/15	3500.12	-	-	27.63	0.00	3472.49
MW - 5	Manny	04/03/15	3500.12	-	-	27.72	0.00	3472.40

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5	Carlos/Matt	04/06/15	3500.12	-	27.58	27.59	0.01	3472.54
MW - 5	Manny	04/09/15	3500.12	-	-	27.59	0.00	3472.53
MW - 5	Manny	04/13/15	3500.12	-	-	27.55	0.00	3472.57
MW - 5	Manny/Art	04/16/15	3500.12	-	-	27.43	0.00	3472.69
MW - 5	Manny	04/22/15	3500.12	-	-	27.41	0.00	3472.71
MW - 5	Manny/Art	04/24/15	3500.12	-	-	27.41	0.00	3472.71
MW - 5	Arthur	05/01/15	3500.12	-	-	27.43	0.00	3472.69
MW - 5	Matt	05/11/15	3500.12	-	27.46	27.48	0.02	3472.66
MW - 5	Manny	05/14/15	3500.12	-	27.30	27.32	0.02	3472.82
MW - 5	Manny	05/21/15	3500.12	-	27.24	27.30	0.06	3472.87
MW - 5	Arthur	05/29/15	3500.12	-	-	27.48	0.00	3472.64
MW - 5	Manny	06/03/15	3500.12	-	-	27.43	0.00	3472.69
MW - 5	Manny	06/04/15	3500.12	-	-	27.49	0.00	3472.63
MW - 5	Manny	06/09/15	3500.12	-	-	27.51	0.00	3472.61
MW - 5	Carlos	06/17/15	3500.12	-	-	27.41	0.00	3472.71
MW - 5	Manny	06/18/15	3500.12	-	-	27.44	0.00	3472.68
MW - 5	Carlos	06/23/15	3500.12	-	-	27.48	0.00	3472.64
MW - 5	Carlos	06/29/15	3500.12	-	-	27.50	0.00	3472.62
MW - 5	Manny	07/01/15	3500.12	-	-	27.48	0.00	3472.64
MW - 5	Manny	07/07/15	3500.12	-	-	27.61	0.00	3472.51
MW - 5	Manny/Arthur	07/09/15	3500.12	-	-	27.64	0.00	3472.48
MW - 5	Manny/Arthur	07/13/15	3500.12	-	-	27.45	0.00	3472.67
MW - 5	Manny	07/15/15	3500.12	-	-	27.63	0.00	3472.49
MW - 5	Carlos/Matt	07/20/15	3500.12	-	-	27.67	0.00	3472.45
MW - 5	Arthur	07/21/15	3500.12	-	-	27.74	0.00	3472.38
MW - 5	Manny/Arthur	07/28/15	3500.12	-	-	27.82	0.00	3472.30
MW - 5	Manny	07/30/15	3500.12	-	-	27.98	0.00	3472.14
MW - 5	Carlos	08/03/15	3500.12	-	-	27.84	0.00	3472.28
MW - 5	Manny/Arthur	08/04/15	3500.12	38.81	-	27.82	0.00	3472.30
MW - 5	Manny	08/07/15	3500.12	-	-	27.84	0.00	3472.28
MW - 5	Manny	08/11/15	3500.12	-	27.89	27.93	0.04	3472.22
MW - 5	Carlos	08/12/15	3500.12	-	27.92	27.94	0.02	3472.20
MW - 5	Carlos	08/18/15	3500.12	-	-	27.84	0.00	3472.28
MW - 5	Manny	08/20/15	3500.12	-	-	28.19	0.00	3471.93
MW - 5	Manny	08/25/15	3500.12	-	-	28.20	0.00	3471.92
MW - 5	Carlos	08/26/15	3500.12	-	-	28.16	0.00	3471.96
MW - 5	Manny	08/31/15	3500.12	-	-	28.11	0.00	3472.01
MW - 5	Manny/Arthur	09/02/15	3500.12	-	-	27.95	0.00	3472.17
MW - 5	Carlos	10/22/15	3500.12	-	-	27.81	0.00	3472.31
MW - 5	Manny	10/27/15	3500.12	-	-	27.77	0.00	3472.35
MW - 5	Manny	11/05/15	3500.12	-	-	27.72	0.00	3472.40
MW - 5	Carlos	11/11/15	3500.12	-	-	27.65	0.00	3472.47
MW - 5	Manny	11/17/15	3500.12	38.82	-	27.61	0.00	3472.51
MW - 5	Manny	12/01/15	3500.12	-	-	27.56	0.00	3472.56
MW - 5	Carlos	12/03/15	3500.12	-	-	27.68	0.00	3472.44
MW - 5	Carlos	12/09/15	3500.12	-	-	27.48	0.00	3472.64
MW - 5	Manny	01/06/16	3500.12	-	-	27.49	0.00	3472.63
MW - 5	Manny	01/11/16	3500.12	-	-	27.59	0.00	3472.53
MW - 5	Carlos	01/13/16	3500.12	-	-	27.59	0.00	3472.53
MW - 5	Manny	01/15/16	3500.12	-	-	27.43	0.00	3472.69
MW - 5	Manny	01/27/16	3500.12	-	-	27.57	0.00	3472.55
MW - 5	Carlos	01/29/16	3500.12	-	-	27.32	0.00	3472.80
MW - 5	Carlos	02/02/16	3500.12	-	-	27.37	0.00	3472.75
MW - 5	Carlos	02/04/16	3500.12	-	-	27.37	0.00	3472.75
MW - 5	Manny	02/10/16	3500.12	38.80	-	27.43	0.00	3472.69
MW - 5	Carlos	02/17/16	3500.12	-	-	27.35	0.00	3472.77
MW - 5	Manny	02/19/16	3500.12	-	-	27.40	0.00	3472.72
MW - 5	James	03/03/16	3500.12	-	-	27.33	0.00	3472.79
MW - 5	Manny	03/10/16	3500.12	-	27.22	27.27	0.05	3472.89
MW - 5	Carlos	03/11/16	3500.12	-	27.22	27.26	0.04	3472.89
MW - 5	Manny	03/16/16	3500.12	-	-	27.33	0.00	3472.79
MW - 5	Manny	03/29/16	3500.12	-	-	27.17	0.00	3472.95
MW - 5	Manny	04/12/16	3500.12	-	-	27.14	0.00	3472.98

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HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5	Manny	04/15/16	3500.12	-	-	27.05	0.00	3473.07
MW - 5	Manny	04/19/16	3500.12	-	-	27.06	0.00	3473.06
MW - 5	Manny	04/29/16	3500.12	-	26.97	26.99	0.02	3473.15
MW - 5	Carlos	05/04/16	3500.12	-	27.01	27.04	0.03	3473.11
MW - 5	Manny	05/13/16	3500.12	-	-	27.16	0.00	3472.96
MW - 5	Manny	05/18/16	3500.12	-	-	27.11	0.00	3473.01
MW - 5	Manny	05/25/16	3500.12	-	27.08	27.12	0.04	3473.03
MW - 5	Carlos	06/02/16	3500.12	-	27.21	27.29	0.08	3472.90
MW - 5	Carlos	06/06/16	3500.12	-	27.20	27.28	0.08	3472.91
MW - 5	Manny	06/28/16	3500.12	-	-	27.72	0.00	3472.40
MW - 5	Carlos	07/05/16	3500.12	-	-	27.22	0.00	3472.90
MW - 5	Carlos	07/14/16	3500.12	-	-	27.36	0.00	3472.76
MW - 5	Carlos	07/21/16	3500.12	-	-	28.05	0.00	3472.07
MW - 5	Carlos	07/25/16	3500.12	-	-	28.07	0.00	3472.05
MW - 5	Carlos	08/01/16	3500.12	-	-	28.19	0.00	3471.93
MW - 5	Carlos	08/09/16	3500.12	-	-	28.27	0.00	3471.85
MW - 5	Wes	08/15/16	3500.12	-	-	28.32	0.00	3471.80
MW - 5	Manny/ Wes	08/18/16	3500.12	38.81	-	28.29	0.00	3471.83
MW - 5	Carlos	08/22/16	3500.12	-	-	28.34	0.00	3471.78
MW - 5	Carlos	08/31/16	3500.12	-	-	28.03	0.00	3472.09
MW - 5	Carlos	09/06/16	3500.12	-	-	28.03	0.00	3472.09
MW - 5	Carlos	09/12/16	3500.12	-	-	27.57	0.00	3472.55
MW - 5	Carlos	09/19/16	3500.12	-	-	27.23	0.00	3472.89
MW - 5	Wesley	09/26/16	3500.12	-	-	26.93	0.00	3473.19
MW - 5	Carlos	10/17/16	3500.12	-	-	26.51	0.00	3473.61
MW - 5	Wesley	10/25/16	3500.12	38.55	-	26.51	0.00	3473.61
MW - 5	Carlos	11/03/16	3500.12	-	-	26.61	0.00	3473.51
MW - 5	Carlos	11/08/16	3500.12	-	-	26.56	0.00	3473.56
MW - 5	Carlos	11/15/16	3500.12	-	-	26.47	0.00	3473.65
MW - 5	Manny	11/22/16	3500.12	38.56	-	26.41	0.00	3473.71
MW - 5	Carlos	12/05/16	3500.12	-	-	26.41	0.00	3473.71
MW - 5	Wesley	12/13/16	3500.12	-	-	26.61	0.00	3473.51
MW - 5	Carlos	12/22/16	3500.12	-	-	26.43	0.00	3473.69
MW - 5	Carlos	12/27/16	3500.12	-	-	26.45	0.00	3473.67
MW - 5	Carlos	01/04/17	3500.12	-	-	26.35	0.00	3473.77
MW - 5	Carlos	01/13/17	3500.12	-	-	26.56	0.00	3473.56
MW - 5	Carlos	01/17/17	3500.12	-	-	26.41	0.00	3473.71
MW - 5	Carlos	01/24/17	3500.12	-	-	26.22	0.00	3473.90
MW - 5	Carlos	01/31/17	3500.12	-	-	26.22	0.00	3473.90
MW - 5	Carlos	02/07/17	3500.12	-	-	26.43	0.00	3473.69
MW - 5	Wesley	02/16/17	3500.12	-	-	26.24	0.00	3473.88
MW - 5	Carlos	02/20/17	3500.12	-	-	26.41	0.00	3473.71
MW - 5	Carlos	03/01/17	3500.12	38.58	-	26.65	0.00	3473.47
MW - 5	Carlos	03/06/17	3500.12	-	-	26.56	0.00	3473.56
MW - 5	Carlos	03/14/17	3500.12	-	-	26.45	0.00	3473.67
MW - 5	Carlos	03/24/17	3500.12	-	-	26.34	0.00	3473.78
MW - 5	Carlos	04/04/17	3500.12	-	-	26.28	0.00	3473.84
MW - 5	Manny/ Jeremy	04/19/17	3500.12	-	-	25.57	0.00	3474.55
MW - 5	Manny	04/28/17	3500.12	-	-	26.02	0.00	3474.10
MW - 5	Jeremy	05/01/17	3500.12	-	-	26.13	0.00	3473.99
MW - 5	Manny	05/11/17	3500.12	-	-	26.07	0.00	3474.05
MW - 5	Jeremy	05/18/17	3500.12	38.46	-	26.14	0.00	3473.98
MW - 5	Jeremy	05/23/17	3500.12	-	-	26.12	0.00	3474.00
MW - 5	Jeremy	06/06/17	3500.12	-	-	26.27	0.00	3473.85
MW - 5	Jeremy	06/12/17	3500.12	-	-	26.27	0.00	3473.85
MW - 5	Manny	06/23/17	3500.12	-	26.43	26.50	0.07	3473.68
MW - 5	Manny	07/03/17	3500.12	-	-	26.27	0.00	3473.85
MW - 5	Jeremy	07/25/17	3500.12	-	-	26.76	0.00	3473.36
MW - 5	Jeremy	08/14/17	3500.12	38.50	-	26.55	0.00	3473.57
MW - 5	Jeremy	08/21/17	3500.12	-	-	26.61	0.00	3473.51
MW - 5	Manny	08/30/17	3500.12	-	-	26.59	0.00	3473.53
MW - 5	Jeremy	09/06/17	3500.12	-	-	26.31	0.00	3473.81
MW - 5	Jeremy	09/12/17	3500.12	-	-	26.90	0.00	3473.22

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TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5	Jeremy	10/04/17	3500.12	-	-	26.39	0.00	3473.73
MW - 5	Jeremy	10/17/17	3500.12	-	-	25.33	0.00	3474.79
MW - 5	Jeremy	10/23/17	3500.12	-	-	26.26	0.00	3473.86
MW - 5	Jeremy	10/30/17	3500.12	-	-	26.31	0.00	3473.81
MW - 5	Manny/ Jeremy	11/15/17	3500.12	38.78	-	26.32	0.00	3473.80
MW - 5	Jeremy	12/04/17	3500.12	-	-	26.13	0.00	3473.99
MW - 5	Jeremy	12/22/17	3500.12	-	-	26.24	0.00	3473.88
MW - 5	Jeremy	12/29/17	3500.12	-	-	26.23	0.00	3473.89
MW - 5	Jeremy	01/02/18	3500.12	-	-	26.23	0.00	3473.89
MW - 5	Manny	01/12/18	3500.12	-	-	26.19	0.00	3473.93
MW - 5	Jeremy	01/17/18	3500.12	-	-	26.26	0.00	3473.86
MW - 5	Jeremy	01/23/18	3500.12	-	-	26.23	0.00	3473.89
MW - 5	Jeremy	01/29/18	3500.12	-	-	26.28	0.00	3473.84
MW - 5	Jeremy	02/05/18	3500.12	-	-	26.17	0.00	3473.95
MW - 5	Jeremy	02/14/18	3500.12	-	-	26.12	0.00	3474.00
MW - 5	Jeremy	02/20/18	3500.12	38.84	-	26.01	0.00	3474.11
MW - 5	Manny	03/13/18	3500.12	-	-	26.43	0.00	3473.69
MW - 5	Jeremy	03/28/18	3500.12	-	-	26.19	0.00	3473.93
MW - 5	Jeremy	04/05/18	3500.12	-	-	26.13	0.00	3473.99
MW - 5	Jeremy	04/27/18	3500.12	-	-	26.23	0.00	3473.89
MW - 5	Manny	05/04/18	3500.12	-	-	26.27	0.00	3473.85
MW - 5	Jeremy	05/16/18	3500.12	38.43	-	26.32	0.00	3473.80
MW - 5	Jeremy	06/15/18	3500.12	-	26.68	26.69	0.01	3473.44
MW - 5	Jeremy	06/19/18	3500.12	-	-	26.76	0.00	3473.36
MW - 5	Jeremy	06/29/18	3500.12	-	-	26.92	0.00	3473.20
MW - 5	Jeremy	07/16/18	3500.12	-	-	27.09	0.00	3473.03
MW - 5	Jeremy	08/14/18	3500.12	38.42	-	27.37	0.00	3472.75
MW - 5	Manny	08/31/18	3500.12	-	-	27.63	0.00	3472.49
MW - 5	Jeremy	09/05/18	3500.12	-	-	27.59	0.00	3472.53
MW - 5	Jeremy	09/10/18	3500.12	-	-	27.48	0.00	3472.64
MW - 5	Manny	09/27/18	3500.12	-	-	27.36	0.00	3472.76
MW - 5	Jeremy	10/08/18	3500.12	-	-	27.19	0.00	3472.93
MW - 5	Manny	10/11/18	3500.12	-	-	27.31	0.00	3472.81
MW - 5	Manny	11/13/18	3500.12	-	-	27.22	0.00	3472.90
MW - 5	Jeremy	11/29/18	3500.12	38.43	-	26.86	0.00	3473.26
MW - 5	manny/elias	12/07/18	3500.12	-	-	26.87	0.00	3473.25
MW - 5	manny/elias	12/14/18	3500.12	-	-	26.85	0.00	3473.27
MW - 5	manny/elias	12/20/18	3500.12	-	-	26.84	0.00	3473.28
MW - 5	manny/elias	12/28/18	3500.12	-	-	26.94	0.00	3473.18
MW - 5	manny/elias	12/31/18	3500.12	-	-	-	-	-
MW - 5	manny/elias	01/03/19	3500.12	-	-	26.67	0.00	3473.45
MW - 5	Manny/Elias	01/29/19	3500.12	-	-	26.83	0.00	3473.29
MW - 5	Manny/Elias	03/05/19	3500.12	38.42	-	26.83	0.00	3473.29
MW - 5	Manny/Elias	03/11/19	3500.12	-	-	26.91	0.00	3473.21
MW - 5	manny/elias	03/29/19	3500.12	-	-	26.62	0.00	3473.50
MW - 5	manny/elias	04/18/19	3500.12	-	-	26.70	0.00	3473.42
MW - 5	Manny/Elias	05/14/19	3500.12	38.45	-	26.65	0.00	3473.47
MW - 5	Manny/Elias	06/06/19	3500.12	-	-	26.66	0.00	3473.46
MW - 5	Manny/Elias	07/17/19	3500.12	-	-	27.16	0.00	3472.96
MW - 5	Elias	09/11/19	3500.12	38.48	-	27.60	0.00	3472.52
MW - 5	Elias	10/16/19	3500.12	-	-	27.41	0.00	3472.71
MW - 5	Elias	12/04/19	3500.12	38.44	-	26.93	0.00	3473.19
MW - 5	Elias	12/30/19	3500.12	-	-	26.92	0.00	3473.20
MW - 5	Elias	01/14/20	3500.12	-	-	26.90	0.00	3473.22
MW - 5	Elias	02/13/20	3500.12	38.43	-	26.72	0.00	3473.40
MW - 5	Elias	05/15/20	3500.12	-	-	26.40	0.00	3473.72
MW - 5	Manny	06/25/20	3500.12	38.44	-	27.08	0.00	3473.04
MW - 5	Manny	07/28/20	3500.12	-	-	27.56	0.00	3472.56
MW - 5	Manny	08/19/20	3500.12	28.69	-	27.69	0.00	3472.43
MW - 5	Manny	09/11/20	3500.12	-	-	27.91	0.00	3472.21
MW - 5	Manny	10/30/20	3500.12	-	27.98	28.01	0.03	3472.14
MW - 5	Manny	11/11/20	3500.12	-	27.87	27.92	0.05	3472.24
MW - 5	Manny	12/30/20	3500.12	-	27.84	27.89	0.05	3472.27

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5	Manny	01/21/21	3500.12	-	27.82	27.84	0.02	3472.30
MW - 5	Manny	03/18/21	3500.12	-	28.04	28.14	0.10	3472.07
MW - 5	Manny	05/28/21	3500.12	-	27.95	28.08	0.13	3472.15
MW - 5	Manny	07/26/21	3500.12	-	27.95	28.25	0.30	3472.13
MW - 5	Manny	07/27/21	3500.12	-	27.95	28.25	0.30	3472.13
MW - 5	Manny	09/29/21	3500.12	-	28.15	28.47	0.32	3471.92
MW - 5	Manny	10/13/21	3500.12	-	28.14	28.43	0.29	3471.94
MW - 5	Manny	12/01/21	3500.12	-	28.10	28.43	0.33	3471.97
MW - 5	Manny	01/13/22	3500.12	-	28.03	28.25	0.22	3472.06
MW - 5	Manny	03/04/22	3500.12	-	28.08	28.45	0.37	3471.98
MW - 5	Manny	04/28/22	3500.12	-	28.18	28.55	0.37	3471.88
MW - 5	Manny	06/02/22	3500.12	-	28.60	29.00	0.40	3471.46
MW - 5	Manny	08/24/22	3500.12	-	29.38	30.36	0.98	3470.59
MW - 5	Manny	10/18/22	3500.12	-	29.05	29.55	0.50	3471.00
MW - 5	Manny	03/09/23	3500.12	-	28.40	28.79	0.39	3471.66
MW - 5	Manny	05/03/23	3500.12	-	28.31	28.78	0.47	3471.74
MW - 5	Manny	08/30/23	3500.12	-	29.42	30.42	1.00	3470.55
MW - 5	Manny	11/28/23	3500.12	-	28.80	29.78	0.98	3471.17
MW - 5	Manny	03/25/24	3500.12	-	28.40	29.70	1.30	3471.53
MW - 5	Manny	06/19/24	3500.12	-	29.33	30.75	1.42	3470.58
MW - 5	Manny	09/10/24	3500.12	-	29.71	30.74	1.03	3470.26
MW - 5	Manny	11/13/24	3500.12	-	29.72	30.74	1.02	3470.25
MW - 6		06/07/02	3499.82	-	28.16	30.98	2.82	3471.24
MW - 6		09/27/02	3499.82	-	sheen	28.18	0.00	3471.64
MW - 6		12/04/02	3499.82	-	-	28.00	0.00	3471.82
MW - 6		01/27/03	3499.82	-	sheen	27.91	0.00	3471.91
MW - 6		03/20/03	3499.82	-	sheen	27.97	0.00	3471.85
MW - 6		04/02/03	3499.82	-	27.87	27.88	0.01	3471.95
MW - 6		04/29/03	3499.82	-	27.86	27.87	0.01	3471.96
MW - 6		05/22/03	3499.82	-	-	28.09	0.00	3471.73
MW - 6		06/04/03	3499.82	-	sheen	28.17	0.00	3471.65
MW - 6		06/26/03	3499.82	-	sheen	28.21	0.00	3471.61
MW - 6		07/30/03	3499.82	-	-	28.18	0.00	3471.64
MW - 6		08/26/03	3499.82	-	sheen	29.42	0.00	3470.40
MW - 6		10/02/03	3499.82	-	29.46	29.47	0.01	3470.36
MW - 6		10/08/03	3499.82	-	29.39	29.40	0.01	3470.43
MW - 6		10/16/03	3499.82	-	29.71	29.72	0.01	3470.11
MW - 6		10/28/03	3499.82	-	sheen	29.70	0.00	3470.12
MW - 6		11/18/03	3499.82	-	sheen	29.61	0.00	3470.21
MW - 6		11/25/03	3499.82	-	sheen	29.35	0.00	3470.47
MW - 6		12/08/03	3499.82	-	sheen	29.42	0.00	3470.40
MW - 6		01/27/04	3499.82	-	-	29.94	0.00	3469.88
MW - 6		02/02/04	3499.82	-	-	29.89	0.00	3469.93
MW - 6		02/10/04	3499.82	-	-	29.41	0.00	3470.41
MW - 6		02/20/04	3499.82	-	-	29.55	0.00	3470.27
MW - 6		03/04/04	3499.82	-	-	29.39	0.00	3470.43
MW - 6		03/16/04	3499.82	-	-	29.70	0.00	3470.12
MW - 6		03/25/04	3499.82	-	-	29.73	0.00	3470.09
MW - 6		03/31/04	3499.82	-	-	29.72	0.00	3470.10
MW - 6		04/01/04	3499.82	-	-	29.68	0.00	3470.14
MW - 6		04/08/04	3499.82	-	25.10	26.72	1.62	3474.48
MW - 6		04/14/04	3499.82	-	-	26.90	0.00	3472.92
MW - 6		04/16/04	3499.82	-	-	27.10	0.00	3472.72
MW - 6		04/22/04	3499.82	-	-	26.44	0.00	3473.38
MW - 6		04/29/04	3499.82	-	-	26.46	0.00	3473.36
MW - 6		05/05/04	3499.82	-	-	26.91	0.00	3472.91
MW - 6		05/10/04	3499.82	-	-	26.59	0.00	3473.23
MW - 6		06/08/04	3499.82	-	-	26.72	0.00	3473.10
MW - 6		06/17/04	3499.82	-	sheen	26.89	0.00	3472.93
MW - 6		06/22/04	3499.82	-	-	26.94	0.00	3472.88
MW - 6		06/25/04	3499.82	-	-	26.91	0.00	3472.91
MW - 6		06/29/04	3499.82	-	sheen	26.87	0.00	3472.95

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6		07/01/04	3499.82	-	sheen	26.90	0.00	3472.92
MW - 6		07/08/04	3499.82	-	-	26.89	0.00	3472.93
MW - 6		07/13/04	3499.82	-	-	26.94	0.00	3472.88
MW - 6		07/20/04	3499.82	-	27.03	27.49	0.46	3472.72
MW - 6		08/04/04	3499.82	-	27.05	27.50	0.45	3472.70
MW - 6		08/10/04	3499.82	-	27.03	27.49	0.46	3472.72
MW - 6		08/17/04	3499.82	-	26.38	26.69	0.31	3473.39
MW - 6		08/23/04	3499.82	-	27.14	27.43	0.29	3472.64
MW - 6		08/25/04	3499.82	-	22.18	27.51	5.33	3476.84
MW - 6		08/31/04	3499.82	-	27.27	27.63	0.36	3472.50
MW - 6		09/13/04	3499.82	-	26.48	26.55	0.07	3473.33
MW - 6		09/20/04	3499.82	-	27.57	27.65	0.08	3472.24
MW - 6		09/30/04	3499.82	-	27.67	27.81	0.14	3472.13
MW - 6		10/04/04	3499.82	-	sheen	26.31	0.00	3473.51
MW - 6		10/11/04	3499.82	-	26.05	26.16	0.11	3473.75
MW - 6		10/18/04	3499.82	-	25.80	25.88	0.08	3474.01
MW - 6		10/27/04	3499.82	-	sheen	25.97	0.00	3473.85
MW - 6		11/02/04	3499.82	-	25.88	26.10	0.22	3473.91
MW - 6		11/08/04	3499.82	-	sheen	26.95	0.00	3472.87
MW - 6		11/23/04	3499.82	-	sheen	25.75	0.00	3474.07
MW - 6		12/01/04	3499.82	-	sheen	25.50	0.00	3474.32
MW - 6		12/02/04	3499.82	-	sheen	25.50	0.00	3474.32
MW - 6		12/08/04	3499.82	-	sheen	25.40	0.00	3474.42
MW - 6		12/14/04	3499.82	-	sheen	25.38	0.00	3474.44
MW - 6		12/21/04	3499.82	-	sheen	25.40	0.00	3474.42
MW - 6		12/29/04	3499.82	-	sheen	25.34	0.00	3474.48
MW - 6		01/11/05	3499.82	-	sheen	25.23	0.00	3474.59
MW - 6		01/14/05	3499.82	-	sheen	25.41	0.00	3474.41
MW - 6		01/18/05	3499.82	-	sheen	25.27	0.00	3474.55
MW - 6		01/21/05	3499.82	-	sheen	25.20	0.00	3474.62
MW - 6		01/25/05	3499.82	-	sheen	25.26	0.00	3474.56
MW - 6		01/28/05	3499.82	-	sheen	25.23	0.00	3474.59
MW - 6		02/02/05	3499.82	-	sheen	24.29	0.00	3475.53
MW - 6		02/05/05	3499.82	-	sheen	25.21	0.00	3474.61
MW - 6		02/08/05	3499.82	-	sheen	25.23	0.00	3474.59
MW - 6		02/11/05	3499.82	-	sheen	25.17	0.00	3474.65
MW - 6		02/15/05	3499.82	-	sheen	25.33	0.00	3474.49
MW - 6		02/18/05	3499.82	-	sheen	25.33	0.00	3474.49
MW - 6		02/22/05	3499.82	-	sheen	25.21	0.00	3474.61
MW - 6		02/25/05	3499.82	-	sheen	25.34	0.00	3474.48
MW - 6		03/01/05	3499.82	-	sheen	25.25	0.00	3474.57
MW - 6		03/04/05	3499.82	-	sheen	25.30	0.00	3474.52
MW - 6		03/08/05	3499.82	-	sheen	25.15	0.00	3474.67
MW - 6		03/10/05	3499.82	-	sheen	25.15	0.00	3474.67
MW - 6		03/11/05	3499.82	-	sheen	25.81	0.00	3474.01
MW - 6		03/15/05	3499.82	-	sheen	25.78	0.00	3474.04
MW - 6		03/19/05	3499.82	-	sheen	25.76	0.00	3474.06
MW - 6		03/22/05	3499.82	-	sheen	25.25	0.00	3474.57
MW - 6		03/28/05	3499.82	-	sheen	25.07	0.00	3474.75
MW - 6		04/01/05	3499.82	-	sheen	25.82	0.00	3474.00
MW - 6		04/05/05	3499.82	-	sheen	25.13	0.00	3474.69
MW - 6		04/08/05	3499.82	-	sheen	25.14	0.00	3474.68
MW - 6		04/12/05	3499.82	-	sheen	25.15	0.00	3474.67
MW - 6		04/15/05	3499.82	-	sheen	25.13	0.00	3474.69
MW - 6		05/25/05	3499.82	-	sheen	24.88	0.00	3474.94
MW - 6		06/03/05	3499.82	-	sheen	24.76	0.00	3475.06
MW - 6		06/06/05	3499.82	-	sheen	24.80	0.00	3475.02
MW - 6		06/10/05	3499.82	-	sheen	24.69	0.00	3475.13
MW - 6		06/13/05	3499.82	-	sheen	24.89	0.00	3474.93
MW - 6		06/20/05	3499.82	-	sheen	24.88	0.00	3474.94
MW - 6		06/24/05	3499.82	-	sheen	24.84	0.00	3474.98
MW - 6		06/27/05	3499.82	-	sheen	24.86	0.00	3474.96
MW - 6		07/18/05	3499.82	-	sheen	25.13	0.00	3474.69

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6		07/25/05	3499.82	-	sheen	25.20	0.00	3474.62
MW - 6		08/01/05	3499.82	-	25.25	25.26	0.01	3474.57
MW - 6		08/04/05	3499.82	-	sheen	25.28	0.00	3474.54
MW - 6		08/10/05	3499.82	-	sheen	25.29	0.00	3474.53
MW - 6		08/16/05	3499.82	-	sheen	25.37	0.00	3474.45
MW - 6		08/23/05	3499.82	-	sheen	25.11	0.00	3474.71
MW - 6		08/29/05	3499.82	-	sheen	25.03	0.00	3474.79
MW - 6		09/06/05	3499.82	-	sheen	25.04	0.00	3474.78
MW - 6		09/09/05	3499.82	-	-	25.02	0.00	3474.80
MW - 6		09/12/05	3499.82	-	25.02	25.03	0.01	3474.80
MW - 6		09/19/05	3499.82	-	sheen	25.20	0.00	3474.62
MW - 6		09/27/05	3499.82	-	sheen	25.23	0.00	3474.59
MW - 6		10/03/05	3499.82	-	sheen	25.29	0.00	3474.53
MW - 6		10/10/05	3499.82	-	sheen	25.13	0.00	3474.69
MW - 6		10/17/05	3499.82	-	sheen	25.09	0.00	3474.73
MW - 6		10/24/05	3499.82	-	sheen	25.09	0.00	3474.73
MW - 6		11/01/05	3499.82	-	sheen	24.99	0.00	3474.83
MW - 6		11/08/05	3499.82	-	sheen	24.94	0.00	3474.88
MW - 6		11/15/05	3499.82	-	25.09	25.10	0.01	3474.73
MW - 6		11/22/05	3499.82	-	sheen	24.96	0.00	3474.86
MW - 6		11/27/05	3499.82	-	sheen	24.92	0.00	3474.90
MW - 6		12/05/05	3499.82	-	-	24.92	0.00	3474.90
MW - 6		12/07/05	3499.82	-	sheen	24.98	0.00	3474.84
MW - 6		12/16/05	3499.82	-	sheen	24.88	0.00	3474.94
MW - 6		12/29/05	3499.82	-	sheen	24.90	0.00	3474.92
MW - 6		01/03/06	3499.82	-	sheen	24.90	0.00	3474.92
MW - 6		01/09/06	3499.82	-	sheen	24.99	0.00	3474.83
MW - 6		01/16/06	3499.82	-	sheen	24.84	0.00	3474.98
MW - 6		01/23/06	3499.82	-	sheen	25.01	0.00	3474.81
MW - 6		01/30/06	3499.82	-	sheen	25.04	0.00	3474.78
MW - 6		02/07/06	3499.82	-	sheen	24.97	0.00	3474.85
MW - 6		02/14/06	3499.82	-	24.88	24.89	0.01	3474.94
MW - 6		02/21/06	3499.82	-	24.85	24.86	0.01	3474.97
MW - 6		02/27/06	3499.82	-	24.89	24.90	0.01	3474.93
MW - 6		03/06/06	3499.82	-	sheen	24.91	0.00	3474.91
MW - 6		03/09/06	3499.82	-	sheen	24.84	0.00	3474.98
MW - 6		03/17/06	3499.82	-	sheen	25.10	0.00	3474.72
MW - 6		03/21/06	3499.82	-	sheen	25.03	0.00	3474.79
MW - 6		03/28/06	3499.82	-	sheen	25.02	0.00	3474.80
MW - 6		04/03/06	3499.82	-	sheen	25.42	0.00	3474.40
MW - 6		04/10/06	3499.82	-	sheen	24.83	0.00	3474.99
MW - 6		04/17/06	3499.82	-	sheen	24.83	0.00	3474.99
MW - 6		05/01/06	3499.82	-	24.86	24.87	0.01	3474.96
MW - 6		05/08/06	3499.82	-	sheen	24.84	0.00	3474.98
MW - 6		06/01/06	3499.82	-	sheen	25.15	0.00	3474.67
MW - 6		06/05/06	3499.82	-	sheen	25.11	0.00	3474.71
MW - 6		06/08/06	3499.82	-	25.25	25.32	0.07	3474.56
MW - 6		06/12/06	3499.82	-	25.30	25.34	0.04	3474.51
MW - 6		06/19/06	3499.82	-	25.38	25.39	0.01	3474.44
MW - 6		07/03/06	3499.82	-	sheen	25.52	0.00	3474.30
MW - 6		07/10/06	3499.82	-	sheen	25.57	0.00	3474.25
MW - 6		07/17/06	3499.82	-	-	25.37	0.00	3474.45
MW - 6		07/26/06	3499.82	-	sheen	25.50	0.00	3474.32
MW - 6		07/31/06	3499.82	-	sheen	25.55	0.00	3474.27
MW - 6		08/07/06	3499.82	-	sheen	25.64	0.00	3474.18
MW - 6		08/17/06	3499.82	-	-	25.51	0.00	3474.31
MW - 6		08/21/06	3499.82	-	sheen	24.26	0.00	3475.56
MW - 6		09/06/06	3499.82	-	sheen	24.94	0.00	3474.88
MW - 6		09/11/06	3499.82	-	sheen	24.97	0.00	3474.85
MW - 6		09/15/06	3499.82	-	-	24.89	0.00	3474.93
MW - 6		10/02/06	3499.82	-	sheen	24.95	0.00	3474.87
MW - 6		10/09/06	3499.82	-	sheen	24.95	0.00	3474.87
MW - 6		10/17/06	3499.82	-	sheen	24.90	0.00	3474.92

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6		10/23/06	3499.82	-	sheen	24.89	0.00	3474.93
MW - 6		10/30/06	3499.82	-	sheen	24.87	0.00	3474.95
MW - 6		11/06/06	3499.82	-	sheen	24.85	0.00	3474.97
MW - 6		11/13/06	3499.82	-	sheen	24.92	0.00	3474.90
MW - 6		11/20/06	3499.82	-	sheen	24.92	0.00	3474.90
MW - 6		11/27/06	3499.82	-	sheen	24.79	0.00	3475.03
MW - 6		11/29/06	3499.82	-	sheen	24.80	0.00	3475.02
MW - 6		12/04/06	3499.82	-	sheen	24.92	0.00	3474.90
MW - 6		12/12/06	3499.82	-	sheen	24.92	0.00	3474.90
MW - 6		12/18/06	3499.82	-	sheen	24.93	0.00	3474.89
MW - 6		01/04/07	3499.82	-	sheen	24.77	0.00	3475.05
MW - 6		01/11/07	3499.82	-	sheen	24.82	0.00	3475.00
MW - 6		01/18/07	3499.82	-	sheen	24.94	0.00	3474.88
MW - 6		01/22/07	3499.82	-	sheen	24.92	0.00	3474.90
MW - 6		01/31/07	3499.82	-	sheen	24.79	0.00	3475.03
MW - 6		02/07/07	3499.82	-	sheen	24.84	0.00	3474.98
MW - 6		02/14/07	3499.82	-	sheen	24.91	0.00	3474.91
MW - 6		02/26/07	3499.82	-	sheen	24.87	0.00	3474.95
MW - 6		03/07/07	3499.82	-	sheen	24.97	0.00	3474.85
MW - 6		04/17/07	3499.82	-	sheen	24.66	0.00	3475.16
MW - 6		05/21/07	3499.82	-	-	24.38	0.00	3475.44
MW - 6		08/16/07	3499.82	-	-	24.95	0.00	3474.87
MW - 6		09/13/07	3499.82	-	sheen	24.33	0.00	3475.49
MW - 6		09/18/07	3499.82	-	sheen	23.21	0.00	3476.61
MW - 6		09/24/07	3499.82	-	sheen	24.68	0.00	3475.14
MW - 6		11/07/07	3499.82	-	sheen	24.72	0.00	3475.10
MW - 6		01/09/08	3499.82	-	-	24.63	0.00	3475.19
MW - 6		01/16/08	3499.82	-	-	24.78	0.00	3475.04
MW - 6		01/23/08	3499.82	-	-	24.82	0.00	3475.00
MW - 6		02/08/08	3499.82	-	-	24.80	0.00	3475.02
MW - 6		02/12/08	3499.82	-	-	24.78	0.00	3475.04
MW - 6		02/22/08	3499.82	-	-	24.82	0.00	3475.00
MW - 6		03/05/08	3499.82	-	-	24.81	0.00	3475.01
MW - 6		05/15/08	3499.82	-	-	24.91	0.00	3474.91
MW - 6		06/23/08	3499.82	-	-	25.28	0.00	3474.54
MW - 6		08/18/08	3499.82	-	-	25.85	0.00	3473.97
MW - 6		09/17/08	3499.82	-	-	25.54	0.00	3474.28
MW - 6		09/29/08	3499.82	-	-	25.51	0.00	3474.31
MW - 6		10/06/08	3499.82	-	-	25.54	0.00	3474.28
MW - 6		10/13/08	3499.82	-	-	25.69	0.00	3474.13
MW - 6		10/20/08	3499.82	-	-	25.45	0.00	3474.37
MW - 6		10/29/08	3499.82	-	-	25.41	0.00	3474.41
MW - 6		11/05/08	3499.82	-	-	25.34	0.00	3474.48
MW - 6		11/10/08	3499.82	-	-	25.41	0.00	3474.41
MW - 6		11/13/08	3499.82	-	-	25.31	0.00	3474.51
MW - 6		12/03/08	3499.82	-	-	26.14	0.00	3473.68
MW - 6		12/16/08	3499.82	-	-	25.37	0.00	3474.45
MW - 6		12/30/08	3499.82	-	sheen	25.39	0.00	3474.43
MW - 6		01/06/09	3499.82	-	-	-	-	-
MW - 6		02/11/09	3499.82	-	-	25.42	0.00	3474.40
MW - 6		02/24/09	3499.82	-	-	23.39	0.00	3476.43
MW - 6		03/04/09	3499.82	-	-	25.36	0.00	3474.46
MW - 6		03/17/09	3499.82	-	-	25.41	0.00	3474.41
MW - 6		03/25/09	3499.82	-	-	25.42	0.00	3474.40
MW - 6		04/08/09	3499.82	-	-	25.40	0.00	3474.42
MW - 6		04/15/09	3499.82	-	-	25.43	0.00	3474.39
MW - 6		04/29/09	3499.82	-	-	25.43	0.00	3474.39
MW - 6		05/13/09	3499.82	-	-	25.41	0.00	3474.41
MW - 6		06/10/09	3499.82	-	-	25.43	0.00	3474.39
MW - 6		06/12/09	3499.82	-	-	25.83	0.00	3473.99
MW - 6		06/18/09	3499.82	-	-	25.43	0.00	3474.39
MW - 6		07/02/09	3499.82	-	-	25.99	0.00	3473.83
MW - 6		07/08/09	3499.82	-	-	25.38	0.00	3474.44

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6		07/14/09	3499.82	-	-	25.71	0.00	3474.11
MW - 6		07/20/09	3499.82	-	-	25.72	0.00	3474.10
MW - 6		07/27/09	3499.82	-	-	25.73	0.00	3474.09
MW - 6		08/03/09	3499.82	-	-	26.11	0.00	3473.71
MW - 6		08/10/09	3499.82	-	-	26.18	0.00	3473.64
MW - 6		08/11/09	3499.82	-	-	26.18	0.00	3473.64
MW - 6		08/24/09	3499.82	-	-	26.36	0.00	3473.46
MW - 6		08/31/09	3499.82	-	-	26.42	0.00	3473.40
MW - 6		09/03/09	3499.82	-	-	26.38	0.00	3473.44
MW - 6		09/08/09	3499.82	-	-	26.51	0.00	3473.31
MW - 6		09/10/09	3499.82	-	-	26.55	0.00	3473.27
MW - 6		09/16/09	3499.82	-	-	26.48	0.00	3473.34
MW - 6		09/22/09	3499.82	-	-	26.59	0.00	3473.23
MW - 6		09/29/09	3499.82	-	-	25.73	0.00	3474.09
MW - 6		10/02/09	3499.82	-	-	26.49	0.00	3473.33
MW - 6		10/07/09	3499.82	-	-	26.53	0.00	3473.29
MW - 6		10/12/09	3499.82	-	-	25.38	0.00	3474.44
MW - 6		10/16/09	3499.82	-	-	26.36	0.00	3473.46
MW - 6		10/20/09	3499.82	-	-	25.37	0.00	3474.45
MW - 6		10/26/09	3499.82	-	-	25.37	0.00	3474.45
MW - 6		10/28/09	3499.82	-	-	26.50	0.00	3473.32
MW - 6		11/04/09	3499.82	-	-	26.65	0.00	3473.17
MW - 6		11/12/09	3499.82	-	-	26.50	0.00	3473.32
MW - 6		11/23/09	3499.82	-	-	26.54	0.00	3473.28
MW - 6		12/03/09	3499.82	-	-	26.64	0.00	3473.18
MW - 6		12/16/09	3499.82	-	-	26.62	0.00	3473.20
MW - 6		12/21/09	3499.82	-	-	26.54	0.00	3473.28
MW - 6		12/28/09	3499.82	-	-	25.37	0.00	3474.45
MW - 6		01/05/10	3499.82	-	-	26.59	0.00	3473.23
MW - 6		01/20/10	3499.82	-	-	25.39	0.00	3474.43
MW - 6		01/25/10	3499.82	-	-	25.40	0.00	3474.42
MW - 6		01/27/10	3499.82	-	-	26.61	0.00	3473.21
MW - 6		02/10/10	3499.82	-	-	26.62	0.00	3473.20
MW - 6		03/01/10	3499.82	-	-	25.41	0.00	3474.41
MW - 6		03/09/10	3499.82	-	-	26.63	0.00	3473.19
MW - 6		03/11/10	3499.82	-	-	26.63	0.00	3473.19
MW - 6		05/25/10	3499.82	-	-	26.22	0.00	3473.60
MW - 6		06/07/10	3499.82	-	-	26.43	0.00	3473.39
MW - 6		06/12/10	3499.82	-	-	26.54	0.00	3473.28
MW - 6		06/25/10	3499.82	-	-	26.63	0.00	3473.19
MW - 6		07/07/10	3499.82	-	-	26.32	0.00	3473.50
MW - 6		07/12/10	3499.82	-	-	25.95	0.00	3473.87
MW - 6		07/26/10	3499.82	-	-	-	-	-
MW - 6		08/03/10	3499.82	-	-	25.66	0.00	3474.16
MW - 6		08/13/10	3499.82	-	-	26.41	0.00	3473.41
MW - 6		08/19/10	3499.82	-	-	25.61	0.00	3474.21
MW - 6		08/25/10	3499.82	-	-	25.65	0.00	3474.17
MW - 6		09/01/10	3499.82	-	-	25.57	0.00	3474.25
MW - 6		09/09/10	3499.82	-	-	25.64	0.00	3474.18
MW - 6		09/13/10	3499.82	-	-	26.42	0.00	3473.40
MW - 6		09/26/10	3499.82	-	-	25.63	0.00	3474.19
MW - 6		10/05/10	3499.82	-	-	26.42	0.00	3473.40
MW - 6		10/25/10	3499.82	-	sheen	26.40	0.00	3473.42
MW - 6		11/03/10	3499.82	-	sheen	26.45	0.00	3473.37
MW - 6		11/10/10	3499.82	-	sheen	25.78	0.00	3474.04
MW - 6		11/17/10	3499.82	-	-	26.56	0.00	3473.26
MW - 6		12/09/10	3499.82	-	sheen	26.31	0.00	3473.51
MW - 6		01/18/11	3499.82	-	-	26.56	0.00	3473.26
MW - 6		02/22/11	3499.82	-	-	26.57	0.00	3473.25
MW - 6		03/01/11	3499.82	-	sheen	25.95	0.00	3473.87
MW - 6		03/07/11	3499.82	-	sheen	25.85	0.00	3473.97
MW - 6		03/22/11	3499.82	-	-	26.57	0.00	3473.25
MW - 6		04/27/11	3499.82	-	sheen	26.13	0.00	3473.69

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6		05/05/11	3499.82	-	sheen	26.16	0.00	3473.66
MW - 6		05/10/11	3499.82	-	sheen	26.10	0.00	3473.72
MW - 6		05/17/11	3499.82	-	sheen	26.15	0.00	3473.67
MW - 6		05/17/11	3499.82	-	-	26.15	0.00	3473.67
MW - 6		05/24/11	3499.82	-	sheen	26.21	0.00	3473.61
MW - 6		06/07/11	3499.82	-	-	26.29	0.00	3473.53
MW - 6		06/14/11	3499.82	-	-	26.32	0.00	3473.50
MW - 6		06/23/11	3499.82	-	-	26.24	0.00	3473.58
MW - 6		06/28/11	3499.82	-	-	26.39	0.00	3473.43
MW - 6		07/06/11	3499.82	-	sheen	26.86	0.00	3472.96
MW - 6		07/14/11	3499.82	-	-	26.88	0.00	3472.94
MW - 6		07/27/11	3499.82	-	-	26.88	0.00	3472.94
MW - 6		08/03/11	3499.82	-	-	27.14	0.00	3472.68
MW - 6		08/11/11	3499.82	-	-	27.25	0.00	3472.57
MW - 6		08/18/11	3499.82	-	-	27.15	0.00	3472.67
MW - 6		08/25/11	3499.82	-	-	27.20	0.00	3472.62
MW - 6		09/02/11	3499.82	-	-	27.27	0.00	3472.55
MW - 6		09/09/11	3499.82	-	-	27.41	0.00	3472.41
MW - 6		11/08/11	3499.82	-	-	27.38	0.00	3472.44
MW - 6		12/28/11	3499.82	-	-	27.24	0.00	3472.58
MW - 6		01/05/12	3499.82	-	-	27.24	0.00	3472.58
MW - 6		01/18/12	3499.82	-	-	27.15	0.00	3472.67
MW - 6		01/27/12	3499.82	-	-	27.18	0.00	3472.64
MW - 6		02/02/12	3499.82	-	-	27.12	0.00	3472.70
MW - 6		02/10/12	3499.82	-	-	27.24	0.00	3472.58
MW - 6		02/15/12	3499.82	-	-	27.18	0.00	3472.64
MW - 6		03/01/12	3499.82	-	-	27.02	0.00	3472.80
MW - 6		03/07/12	3499.82	-	-	27.09	0.00	3472.73
MW - 6		03/14/12	3499.82	-	-	27.09	0.00	3472.73
MW - 6		03/19/12	3499.82	-	-	27.02	0.00	3472.80
MW - 6		03/26/12	3499.82	-	-	27.03	0.00	3472.79
MW - 6		04/04/12	3499.82	-	-	27.09	0.00	3472.73
MW - 6		04/11/12	3499.82	-	-	27.02	0.00	3472.80
MW - 6		04/17/12	3499.82	-	-	27.05	0.00	3472.77
MW - 6		04/25/12	3499.82	-	-	26.99	0.00	3472.83
MW - 6		05/23/12	3499.82	-	-	27.08	0.00	3472.74
MW - 6		05/31/12	3499.82	-	-	27.19	0.00	3472.63
MW - 6		06/06/12	3499.82	-	-	27.19	0.00	3472.63
MW - 6		06/13/12	3499.82	-	-	27.28	0.00	3472.54
MW - 6		06/20/12	3499.82	-	-	27.22	0.00	3472.60
MW - 6		07/11/12	3499.82	-	-	27.25	0.00	3472.57
MW - 6		07/18/12	3499.82	-	-	27.32	0.00	3472.50
MW - 6		08/02/12	3499.82	-	-	27.58	0.00	3472.24
MW - 6		08/09/12	3499.82	-	-	27.68	0.00	3472.14
MW - 6		08/16/12	3499.82	-	-	27.79	0.00	3472.03
MW - 6		10/02/12	3499.82	-	-	27.91	0.00	3471.91
MW - 6		10/10/12	3499.82	-	-	27.88	0.00	3471.94
MW - 6		10/17/12	3499.82	-	-	27.73	0.00	3472.09
MW - 6		10/26/12	3499.82	-	-	27.83	0.00	3471.99
MW - 6		11/01/12	3499.82	-	-	27.70	0.00	3472.12
MW - 6		11/19/12	3499.82	-	-	27.64	0.00	3472.18
MW - 6		12/13/12	3499.82	-	-	27.59	0.00	3472.23
MW - 6		12/18/12	3499.82	-	-	27.55	0.00	3472.27
MW - 6		01/08/13	3499.82	-	-	27.55	0.00	3472.27
MW - 6		01/16/13	3499.82	-	-	27.59	0.00	3472.23
MW - 6		01/24/13	3499.82	-	-	27.57	0.00	3472.25
MW - 6		01/30/13	3499.82	-	-	27.57	0.00	3472.25
MW - 6		02/12/13	3499.82	-	-	27.50	0.00	3472.32
MW - 6		03/19/13	3499.82	-	-	27.43	0.00	3472.39
MW - 6		04/02/13	3499.82	-	-	27.47	0.00	3472.35
MW - 6		04/08/13	3499.82	-	-	27.39	0.00	3472.43
MW - 6		04/16/13	3499.82	-	-	27.47	0.00	3472.35
MW - 6		04/23/13	3499.82	-	-	27.52	0.00	3472.30

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6		05/01/13	3499.82	-	-	27.46	0.00	3472.36
MW - 6		05/08/13	3499.82	-	-	27.44	0.00	3472.38
MW - 6		05/15/13	3499.82	-	-	27.38	0.00	3472.44
MW - 6		05/17/13	3499.82	-	-	27.44	0.00	3472.38
MW - 6		05/23/13	3499.82	-	-	27.49	0.00	3472.33
MW - 6		05/29/13	3499.82	-	-	27.45	0.00	3472.37
MW - 6		06/12/13	3499.82	-	-	26.76	0.00	3473.06
MW - 6		06/19/13	3499.82	-	-	27.87	0.00	3471.95
MW - 6		06/27/13	3499.82	-	-	28.02	0.00	3471.80
MW - 6		07/02/13	3499.82	-	-	28.09	0.00	3471.73
MW - 6		07/08/13	3499.82	-	-	28.15	0.00	3471.67
MW - 6		07/15/13	3499.82	-	-	28.23	0.00	3471.59
MW - 6		07/23/13	3499.82	-	-	28.13	0.00	3471.69
MW - 6		07/29/13	3499.82	-	-	28.07	0.00	3471.75
MW - 6		08/07/13	3499.82	32.64	-	28.13	0.00	3471.69
MW - 6		08/15/13	3499.82	-	-	28.14	0.00	3471.68
MW - 6		08/20/13	3499.82	-	-	28.34	0.00	3471.48
MW - 6		08/28/13	3499.82	-	-	28.34	0.00	3471.48
MW - 6		09/05/13	3499.82	-	-	28.47	0.00	3471.35
MW - 6		09/09/13	3499.82	-	-	28.39	0.00	3471.43
MW - 6		09/18/13	3499.82	-	-	28.46	0.00	3471.36
MW - 6		09/28/13	3499.82	-	-	28.54	0.00	3471.28
MW - 6		10/01/13	3499.82	-	-	28.47	0.00	3471.35
MW - 6		10/08/13	3499.82	-	-	28.43	0.00	3471.39
MW - 6		10/14/13	3499.82	-	-	28.49	0.00	3471.33
MW - 6		10/23/13	3499.82	-	-	28.38	0.00	3471.44
MW - 6		10/29/13	3499.82	-	-	28.25	0.00	3471.57
MW - 6		11/16/13	3499.82	-	-	28.11	0.00	3471.71
MW - 6		11/27/13	3499.82	32.74	-	28.27	0.00	3471.55
MW - 6		12/02/13	3499.82	-	-	27.99	0.00	3471.83
MW - 6		12/14/13	3499.82	-	-	28.22	0.00	3471.60
MW - 6		12/19/13	3499.82	-	-	27.90	0.00	3471.92
MW - 6		12/24/13	3499.82	-	-	28.02	0.00	3471.80
MW - 6		01/02/14	3499.82	-	-	28.00	0.00	3471.82
MW - 6		01/07/14	3499.82	-	-	27.94	0.00	3471.88
MW - 6		01/14/14	3499.82	-	-	28.04	0.00	3471.78
MW - 6		01/21/14	3499.82	-	-	27.92	0.00	3471.90
MW - 6		01/31/14	3499.82	-	-	27.91	0.00	3471.91
MW - 6	John F.	02/10/14	3499.82	32.71	-	27.96	0.00	3471.86
MW - 6	John F.	02/27/14	3499.82	-	-	27.85	0.00	3471.97
MW - 6	John & Jose	03/06/14	3499.82	-	-	27.85	0.00	3471.97
MW - 6	John & Jose	03/13/14	3499.82	-	-	27.90	0.00	3471.92
MW - 6	David F.	03/25/14	3499.82	-	-	27.90	0.00	3471.92
MW - 6	Baer & Justin	04/03/14	3499.82	-	-	27.81	0.00	3472.01
MW - 6	Manny & Chanc	04/07/14	3499.82	-	-	27.87	0.00	3471.95
MW - 6	Manny & Chanc	04/14/14	3499.82	-	-	27.95	0.00	3471.87
MW - 6	Manny & Chanc	04/23/14	3499.82	-	-	27.77	0.00	3472.05
MW - 6	Jose	04/28/14	3499.82	-	27.86	27.88	0.02	3471.96
MW - 6	Jose	05/05/14	3499.82	-	27.83	27.92	0.09	3471.98
MW - 6	Manny	05/14/14	3499.82	-	27.90	28.15	0.25	3471.88
MW - 6	David F.	05/22/14	3499.82	-	27.98	28.05	0.07	3471.83
MW - 6	Manny	05/28/14	3499.82	-	28.03	28.29	0.26	3471.75
MW - 6	Manny	06/02/14	3499.82	-	28.14	28.39	0.25	3471.64
MW - 6	Manny	06/12/14	3499.82	-	28.41	28.72	0.31	3471.36
MW - 6	Manny	06/17/14	3499.82	-	28.44	28.55	0.11	3471.36
MW - 6	Manny	06/25/14	3499.82	-	28.51	28.63	0.12	3471.29
MW - 6	Manny	06/30/14	3499.82	-	-	28.61	0.00	3471.21
MW - 6	Manny	07/11/14	3499.82	-	-	28.68	0.00	3471.14
MW - 6	Manny	07/14/14	3499.82	-	-	28.67	0.00	3471.15
MW - 6	Manny	07/22/14	3499.82	-	-	28.78	0.00	3471.04
MW - 6	Manny	07/23/14	3499.82	-	-	28.78	0.00	3471.04
MW - 6	Manny	08/05/14	3499.82	-	-	28.86	0.00	3470.96
MW - 6	Manny	08/12/14	3499.82	-	28.91	28.99	0.08	3470.90

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6	David F.	08/13/14	3499.82	-	28.81	28.96	0.15	3470.99
MW - 6	David F.	08/27/14	3499.82	-	29.05	29.07	0.02	3470.77
MW - 6	Manny	09/17/14	3499.82	-	28.53	28.75	0.22	3471.26
MW - 6	Manny	09/23/14	3499.82	-	28.17	29.03	0.86	3471.52
MW - 6	Manny	10/10/14	3499.82	-	27.51	27.63	0.12	3472.29
MW - 6	Manny	10/15/14	3499.82	-	27.41	27.64	0.23	3472.38
MW - 6	Manny	10/16/14	3499.82	-	28.09	28.37	0.28	3471.69
MW - 6	Chance	10/20/14	3499.82	-	-	27.63	0.00	3472.19
MW - 6	Manny	10/24/14	3499.82	-	27.35	27.64	0.29	3472.43
MW - 6		10/27/14	3499.82	-	27.29	27.45	0.16	3472.51
MW - 6		10/28/14	3499.82	-	-	-	-	-
MW - 6	Manny	11/04/14	3499.82	-	27.28	27.55	0.27	3472.50
MW - 6	Manny	11/06/14	3499.82	-	27.23	27.44	0.21	3472.56
MW - 6	Manny	11/11/14	3499.82	-	27.02	27.31	0.29	3472.76
MW - 6	Chance	11/18/14	3499.82	-	26.91	27.14	0.23	3472.88
MW - 6	Manny	12/02/14	3499.82	-	26.99	27.04	0.05	3472.82
MW - 6	Manny	12/09/14	3499.82	-	26.90	27.05	0.15	3472.90
MW - 6	Manny	12/11/14	3499.82	-	26.91	26.96	0.05	3472.90
MW - 6	Manny	12/17/14	3499.82	-	26.82	26.87	0.05	3472.99
MW - 6	Manny	12/23/14	3499.82	-	26.91	27.13	0.22	3472.88
MW - 6	Manny	12/30/14	3499.82	-	26.98	27.18	0.20	3472.81
MW - 6	Manny	01/06/15	3499.82	-	26.90	27.06	0.16	3472.90
MW - 6	Manny	01/07/15	3499.82	-	27.00	27.14	0.14	3472.80
MW - 6	Carlos	01/09/15	3499.82	-	26.87	26.96	0.09	3472.94
MW - 6	Manny	01/13/15	3499.82	-	26.86	27.00	0.14	3472.94
MW - 6	Manny	01/16/15	3499.82	-	26.76	26.80	0.04	3473.05
MW - 6	Manny	01/21/15	3499.82	-	-	26.81	0.00	3473.01
MW - 6	Manny	01/26/15	3499.82	-	26.80	27.00	0.20	3472.99
MW - 6	Manny	02/03/15	3499.82	-	-	26.77	0.00	3473.05
MW - 6	Carlos	02/05/15	3499.82	-	26.82	26.84	0.02	3473.00
MW - 6	Carlos	02/16/15	3499.82	-	-	26.76	0.00	3473.06
MW - 6	Manny	02/17/15	3499.82	-	-	26.84	0.00	3472.98
MW - 6	Manny/Art	03/04/15	3499.82	-	26.73	26.80	0.07	3473.08
MW - 6	Manny	03/06/15	3499.82	-	26.71	26.73	0.02	3473.11
MW - 6	Manny	03/10/15	3499.82	-	-	26.71	0.00	3473.11
MW - 6	Manny/Art	03/12/15	3499.82	-	26.72	26.76	0.04	3473.09
MW - 6	Manny	03/16/15	3499.82	-	26.66	26.70	0.04	3473.15
MW - 6	Manny/Art	03/18/15	3499.82	-	26.60	26.61	0.01	3473.22
MW - 6	Matt	03/23/15	3499.82	-	26.63	26.65	0.02	3473.19
MW - 6	Manny	03/25/15	3499.82	-	26.59	26.62	0.03	3473.23
MW - 6	Manny	03/31/15	3499.82	-	26.56	26.62	0.06	3473.25
MW - 6	Manny	04/03/15	3499.82	-	-	26.80	0.00	3473.02
MW - 6	Carlos/Matt	04/06/15	3499.82	-	-	26.61	0.00	3473.21
MW - 6	Manny	04/09/15	3499.82	-	-	26.69	0.00	3473.13
MW - 6	Manny	04/13/15	3499.82	-	-	26.70	0.00	3473.12
MW - 6	Manny/Art	04/16/15	3499.82	-	-	26.61	0.00	3473.21
MW - 6	Manny	04/22/15	3499.82	-	-	26.48	0.00	3473.34
MW - 6	Manny/Art	04/24/15	3499.82	-	-	26.51	0.00	3473.31
MW - 6	Arthur	05/01/15	3499.82	-	-	26.56	0.00	3473.26
MW - 6	Matt	05/11/15	3499.82	-	-	26.55	0.00	3473.27
MW - 6	Manny	05/14/15	3499.82	33.11	-	26.41	0.00	3473.41
MW - 6	Manny/Arthur	05/21/15	3499.82	-	-	26.36	0.00	3473.46
MW - 6	Arthur	05/29/15	3499.82	-	-	26.35	0.00	3473.47
MW - 6	Manny	06/03/15	3499.82	-	-	26.27	0.00	3473.55
MW - 6	Manny	06/04/15	3499.82	-	-	26.33	0.00	3473.49
MW - 6	Manny	06/09/15	3499.82	-	-	26.29	0.00	3473.53
MW - 6	Carlos	06/17/15	3499.82	-	-	26.32	0.00	3473.50
MW - 6	Manny	06/18/15	3499.82	-	-	26.38	0.00	3473.44
MW - 6	Carlos	06/23/15	3499.82	-	-	26.40	0.00	3473.42
MW - 6	Carlos	06/29/15	3499.82	-	-	26.39	0.00	3473.43
MW - 6	Manny	07/01/15	3499.82	-	-	26.38	0.00	3473.44
MW - 6	Manny	07/07/15	3499.82	-	-	26.52	0.00	3473.30
MW - 6	Manny/Arthur	07/09/15	3499.82	-	-	26.49	0.00	3473.33

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6	Manny/Arthur	07/13/15	3499.82	-	-	26.45	0.00	3473.37
MW - 6	Manny	07/15/15	3499.82	-	-	26.51	0.00	3473.31
MW - 6	Carlos/Matt	07/20/15	3499.82	-	-	26.57	0.00	3473.25
MW - 6	Arthur	07/21/15	3499.82	-	-	26.63	0.00	3473.19
MW - 6	Manny/Arthur	07/28/15	3499.82	-	-	26.70	0.00	3473.12
MW - 6	Manny	07/30/15	3499.82	-	-	26.82	0.00	3473.00
MW - 6	Carlos	08/03/15	3499.82	-	-	26.80	0.00	3473.02
MW - 6	Manny/Arthur	08/04/15	3499.82	33.04	-	26.81	0.00	3473.01
MW - 6	Manny	08/07/15	3499.82	-	-	26.85	0.00	3472.97
MW - 6	Manny	08/11/15	3499.82	-	-	26.87	0.00	3472.95
MW - 6	Carlos	08/12/15	3499.82	-	-	26.89	0.00	3472.93
MW - 6	Carlos	08/18/15	3499.82	-	-	26.86	0.00	3472.96
MW - 6	Manny	08/20/15	3499.82	-	-	26.90	0.00	3472.92
MW - 6	Manny	08/25/15	3499.82	-	-	26.94	0.00	3472.88
MW - 6	Carlos	08/26/15	3499.82	-	-	26.91	0.00	3472.91
MW - 6	Manny	08/31/15	3499.82	-	-	26.84	0.00	3472.98
MW - 6	Manny/Arthur	09/02/15	3499.82	-	-	26.90	0.00	3472.92
MW - 6	Carlos	10/22/15	3499.82	-	-	26.69	0.00	3473.13
MW - 6	Manny	10/27/15	3499.82	-	-	26.67	0.00	3473.15
MW - 6	Manny	11/05/15	3499.82	-	-	26.64	0.00	3473.18
MW - 6	Carlos	11/11/15	3499.82	-	-	26.58	0.00	3473.24
MW - 6	Manny	11/17/15	3499.82	33.02	-	26.53	0.00	3473.29
MW - 6	Manny	12/01/15	3499.82	-	-	26.43	0.00	3473.39
MW - 6	Carlos	12/03/15	3499.82	-	-	26.49	0.00	3473.33
MW - 6	Carlos	12/09/15	3499.82	-	-	26.40	0.00	3473.42
MW - 6	Manny	01/06/16	3499.82	-	-	26.38	0.00	3473.44
MW - 6	Manny	01/11/16	3499.82	-	-	26.46	0.00	3473.36
MW - 6	Carlos	01/13/16	3499.82	-	-	26.34	0.00	3473.48
MW - 6	Manny	01/15/16	3499.82	-	-	26.36	0.00	3473.46
MW - 6	Manny	01/27/16	3499.82	-	-	26.38	0.00	3473.44
MW - 6	Carlos	01/29/16	3499.82	-	-	26.30	0.00	3473.52
MW - 6	Carlos	02/02/16	3499.82	-	-	26.34	0.00	3473.48
MW - 6	Carlos	02/04/16	3499.82	-	-	26.34	0.00	3473.48
MW - 6	Manny	02/10/16	3499.82	33.01	-	26.41	0.00	3473.41
MW - 6	Carlos	02/17/16	3499.82	-	-	26.28	0.00	3473.54
MW - 6	Manny	02/19/16	3499.82	-	-	26.34	0.00	3473.48
MW - 6	James	03/03/16	3499.82	-	-	26.34	0.00	3473.48
MW - 6	Manny	03/10/16	3499.82	-	-	26.30	0.00	3473.52
MW - 6	Carlos	03/11/16	3499.82	-	-	26.26	0.00	3473.56
MW - 6	Manny	03/16/16	3499.82	-	-	26.25	0.00	3473.57
MW - 6	Manny	03/29/16	3499.82	-	-	26.13	0.00	3473.69
MW - 6	Manny	04/12/16	3499.82	-	-	26.16	0.00	3473.66
MW - 6	Manny	04/15/16	3499.82	-	-	26.04	0.00	3473.78
MW - 6	Manny	04/19/16	3499.82	-	-	26.05	0.00	3473.77
MW - 6	Manny	04/29/16	3499.82	-	-	26.02	0.00	3473.80
MW - 6	Carlos	05/04/16	3499.82	-	-	26.03	0.00	3473.79
MW - 6	Manny	05/13/16	3499.82	-	-	26.11	0.00	3473.71
MW - 6	Manny	05/18/16	3499.82	-	-	26.10	0.00	3473.72
MW - 6	Manny	05/25/16	3499.82	33.02	-	26.10	0.00	3473.72
MW - 6	Carlos	06/02/16	3499.82	-	-	26.20	0.00	3473.62
MW - 6	Carlos	06/06/16	3499.82	-	-	26.21	0.00	3473.61
MW - 6	Manny	06/28/16	3499.82	-	-	26.61	0.00	3473.21
MW - 6	Carlos	07/05/16	3499.82	-	-	26.65	0.00	3473.17
MW - 6	Carlos	07/14/16	3499.82	-	-	26.65	0.00	3473.17
MW - 6	Carlos	07/21/16	3499.82	-	-	26.98	0.00	3472.84
MW - 6	Carlos	07/25/16	3499.82	-	-	27.02	0.00	3472.80
MW - 6	Carlos	08/01/16	3499.82	-	-	27.12	0.00	3472.70
MW - 6	Carlos	08/09/16	3499.82	-	-	27.23	0.00	3472.59
MW - 6	Wes	08/15/16	3499.82	-	-	27.30	0.00	3472.52
MW - 6	Manny/ Wes	08/18/16	3499.82	32.92	-	27.32	0.00	3472.50
MW - 6	Carlos	08/22/16	3499.82	-	-	27.31	0.00	3472.51
MW - 6	Carlos	08/31/16	3499.82	-	-	27.00	0.00	3472.82
MW - 6	Carlos	09/06/16	3499.82	-	-	26.80	0.00	3473.02

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6	Carlos	09/12/16	3499.82	-	-	26.37	0.00	3473.45
MW - 6	Carlos	09/19/16	3499.82	-	-	26.13	0.00	3473.69
MW - 6	Wesley	09/26/16	3499.82	-	-	25.91	0.00	3473.91
MW - 6	Manny	10/06/16	3499.82	-	-	25.71	0.00	3474.11
MW - 6	Carlos	10/17/16	3499.82	-	-	25.46	0.00	3474.36
MW - 6	Wesley	10/25/16	3499.82	32.90	-	25.46	0.00	3474.36
MW - 6	Carlos	11/03/16	3499.82	-	-	25.50	0.00	3474.32
MW - 6	Carlos	11/08/16	3499.82	-	-	25.45	0.00	3474.37
MW - 6	Carlos	11/15/16	3499.82	-	-	25.35	0.00	3474.47
MW - 6	Manny	11/22/16	3499.82	35.86	-	26.05	0.00	3473.77
MW - 6	Carlos	12/05/16	3499.82	-	-	25.30	0.00	3474.52
MW - 6	Wesley	12/13/16	3499.82	-	-	25.34	0.00	3474.48
MW - 6	Carlos	12/22/16	3499.82	-	-	25.30	0.00	3474.52
MW - 6	Carlos	12/27/16	3499.82	-	-	25.32	0.00	3474.50
MW - 6	Carlos	01/04/17	3499.82	-	-	25.23	0.00	3474.59
MW - 6	Carlos	01/13/17	3499.82	-	-	25.44	0.00	3474.38
MW - 6	Carlos	01/17/17	3499.82	-	-	25.30	0.00	3474.52
MW - 6	Carlos	01/24/17	3499.82	-	-	25.20	0.00	3474.62
MW - 6	Carlos	01/31/17	3499.82	-	-	25.22	0.00	3474.60
MW - 6	Carlos	02/07/17	3499.82	-	-	25.25	0.00	3474.57
MW - 6	Wesley	02/16/17	3499.82	-	-	25.17	0.00	3474.65
MW - 6	Carlos	02/20/17	3499.82	-	-	25.28	0.00	3474.54
MW - 6	Carlos	03/01/17	3499.82	32.90	-	25.37	0.00	3474.45
MW - 6	Carlos	03/06/17	3499.82	-	-	25.15	0.00	3474.67
MW - 6	Carlos	03/14/17	3499.82	-	-	25.18	0.00	3474.64
MW - 6	Carlos	03/24/17	3499.82	-	-	25.20	0.00	3474.62
MW - 6	Manny	03/31/17	3499.82	-	-	25.12	0.00	3474.70
MW - 6	Carlos	04/04/17	3499.82	-	-	25.11	0.00	3474.71
MW - 6	Manny	04/13/17	3499.82	-	-	25.10	0.00	3474.72
MW - 6	Manny/ Jeremy	04/19/17	3499.82	-	-	25.16	0.00	3474.66
MW - 6	Manny	04/28/17	3499.82	-	-	25.02	0.00	3474.80
MW - 6	Jeremy	05/01/17	3499.82	-	-	25.12	0.00	3474.70
MW - 6	Manny	05/11/17	3499.82	-	-	25.16	0.00	3474.66
MW - 6	Jeremy	05/18/17	3499.82	32.86	-	25.19	0.00	3474.63
MW - 6	Jeremy	05/23/17	3499.82	-	-	25.19	0.00	3474.63
MW - 6	Jeremy	06/06/17	3499.82	-	-	25.26	0.00	3474.56
MW - 6	Jeremy	06/12/17	3499.82	-	-	25.31	0.00	3474.51
MW - 6	Manny	06/23/17	3499.82	-	-	25.47	0.00	3474.35
MW - 6	Jeremy	07/03/17	3499.82	-	-	25.53	0.00	3474.29
MW - 6	Manny	07/14/17	3499.82	-	-	25.79	0.00	3474.03
MW - 6	Manny	07/19/17	3499.82	-	-	25.80	0.00	3474.02
MW - 6	Manny	07/25/17	3499.82	-	-	25.79	0.00	3474.03
MW - 6	Jeremy	08/14/17	3499.82	32.91	-	25.60	0.00	3474.22
MW - 6	Jeremy	08/21/17	3499.82	-	-	25.62	0.00	3474.20
MW - 6	Manny	08/30/17	3499.82	-	-	25.54	0.00	3474.28
MW - 6	Jeremy	09/06/17	3499.82	-	-	25.33	0.00	3474.49
MW - 6	Jeremy	09/12/17	3499.82	-	-	25.42	0.00	3474.40
MW - 6	Jeremy	09/27/17	3499.82	-	-	25.59	0.00	3474.23
MW - 6	Jeremy	10/04/17	3499.82	-	-	25.46	0.00	3474.36
MW - 6	Manny	10/11/17	3499.82	-	-	25.41	0.00	3474.41
MW - 6	Jeremy	10/17/17	3499.82	-	-	25.30	0.00	3474.52
MW - 6	Jeremy	10/23/17	3499.82	-	-	26.01	0.00	3473.81
MW - 6	Jeremy	10/30/17	3499.82	-	-	25.29	0.00	3474.53
MW - 6	Manny	11/10/17	3499.82	-	-	25.25	0.00	3474.57
MW - 6	Manny/ Jeremy	11/15/17	3499.82	32.89	-	25.26	0.00	3474.56
MW - 6	Jeremy	12/04/17	3499.82	-	-	25.12	0.00	3474.70
MW - 6	Jeremy	12/22/17	3499.82	-	-	25.20	0.00	3474.62
MW - 6	Jeremy	12/29/17	3499.82	-	-	25.21	0.00	3474.61
MW - 6	Jeremy	01/02/18	3499.82	-	-	25.23	0.00	3474.59
MW - 6	Manny	01/12/18	3499.82	-	-	25.25	0.00	3474.57
MW - 6	Jeremy	01/17/18	3499.82	-	-	25.25	0.00	3474.57
MW - 6	Jeremy	01/23/18	3499.82	-	-	25.22	0.00	3474.60
MW - 6	Jeremy	01/29/18	3499.82	-	-	25.26	0.00	3474.56

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6	Jeremy	02/05/18	3499.82	-	-	25.11	0.00	3474.71
MW - 6	Jeremy	02/14/18	3499.82	-	-	25.13	0.00	3474.69
MW - 6	Jeremy	02/20/18	3499.82	32.79	-	25.05	0.00	3474.77
MW - 6	Manny	03/02/18	3499.82	-	-	25.22	0.00	3474.60
MW - 6	Manny	03/13/18	3499.82	-	-	25.23	0.00	3474.59
MW - 6	Manny	03/23/18	3499.82	-	-	25.14	0.00	3474.68
MW - 6	Jeremy	03/28/18	3499.82	-	-	25.19	0.00	3474.63
MW - 6	Jeremy	04/05/18	3499.82	-	-	25.13	0.00	3474.69
MW - 6	Manny	04/13/18	3499.82	-	-	25.19	0.00	3474.63
MW - 6	Jeremy	04/27/18	3499.82	-	-	25.22	0.00	3474.60
MW - 6	Manny	05/04/18	3499.82	-	-	25.30	0.00	3474.52
MW - 6	Manny	05/11/18	3499.82	-	-	25.24	0.00	3474.58
MW - 6	Jeremy	05/16/18	3499.82	32.81	-	25.32	0.00	3474.50
MW - 6	Manny	05/25/18	3499.82	-	-	25.47	0.00	3474.35
MW - 6	Manny	06/05/18	3499.82	-	-	26.56	0.00	3473.26
MW - 6	Jeremy	06/15/18	3499.82	-	-	25.68	0.00	3474.14
MW - 6	Jeremy	06/19/18	3499.82	-	-	25.74	0.00	3474.08
MW - 6	Manny	06/26/18	3499.82	-	-	25.86	0.00	3473.96
MW - 6	Jeremy	06/29/18	3499.82	-	-	25.88	0.00	3473.94
MW - 6	Manny	07/10/18	3499.82	-	-	26.05	0.00	3473.77
MW - 6	Manny	07/16/18	3499.82	-	-	26.12	0.00	3473.70
MW - 6	Manny	08/10/18	3499.82	-	-	26.42	0.00	3473.40
MW - 6	Manny	08/14/18	3499.82	32.80	-	26.33	0.00	3473.49
MW - 6	Manny	08/23/18	3499.82	-	-	26.36	0.00	3473.46
MW - 6	Manny	08/31/18	3499.82	-	-	26.49	0.00	3473.33
MW - 6	Manny	09/05/18	3499.82	-	-	26.58	0.00	3473.24
MW - 6	Manny	09/10/18	3499.82	-	-	26.40	0.00	3473.42
MW - 6	Manny	09/21/18	3499.82	-	-	26.34	0.00	3473.48
MW - 6	Manny	09/27/18	3499.82	-	-	26.39	0.00	3473.43
MW - 6	Manny	10/05/18	3499.82	-	-	26.22	0.00	3473.60
MW - 6	Jeremy	10/08/18	3499.82	-	-	26.17	0.00	3473.65
MW - 6	Manny	10/11/18	3499.82	-	-	26.24	0.00	3473.58
MW - 6	Manny	10/15/18	3499.82	-	-	26.22	0.00	3473.60
MW - 6	Manny	10/19/18	3499.82	-	-	26.33	0.00	3473.49
MW - 6	Manny	10/26/18	3499.82	-	-	26.15	0.00	3473.67
MW - 6	Manny	11/02/18	3499.82	-	-	26.00	0.00	3473.82
MW - 6	Manny	11/06/18	3499.82	-	-	25.95	0.00	3473.87
MW - 6	Manny	11/13/18	3499.82	-	-	26.08	0.00	3473.74
MW - 6	Manny	11/21/18	3499.82	-	-	25.90	0.00	3473.92
MW - 6	Jeremy	11/29/18	3499.82	32.74	-	25.82	0.00	3474.00
MW - 6	Manny/Elias	12/07/18	3499.82	-	-	25.84	0.00	3473.98
MW - 6	Manny/Elias	12/14/18	3499.82	-	-	25.83	0.00	3473.99
MW - 6	Manny/Elias	12/20/18	3499.82	-	-	25.80	0.00	3474.02
MW - 6	Manny/Elias	12/28/18	3499.82	-	-	25.79	0.00	3474.03
MW - 6	Manny/Elias	12/31/18	3499.82	-	-	-	-	-
MW - 6	Manny/Elias	01/03/19	3499.82	-	-	25.71	0.00	3474.11
MW - 6	Manny/Elias	01/11/19	3499.82	-	-	25.68	0.00	3474.14
MW - 6	Manny/Elias	01/15/19	3499.82	-	-	25.77	0.00	3474.05
MW - 6	Manny/Elias	01/23/19	3499.82	-	-	25.65	0.00	3474.17
MW - 6	Manny/Elias	01/29/19	3499.82	-	-	25.67	0.00	3474.15
MW - 6	Manny/Elias	02/07/19	3499.82	-	-	25.80	0.00	3474.02
MW - 6	Manny/Elias	02/14/19	3499.82	-	-	25.67	0.00	3474.15
MW - 6	Manny/Elias	03/04/19	3499.82	-	-	25.71	0.00	3474.11
MW - 6	Manny/Elias	03/11/19	3499.82	-	-	25.77	0.00	3474.05
MW - 6	Manny/Elias	03/27/19	3499.82	-	-	25.54	0.00	3474.28
MW - 6	Manny/Elias	03/29/19	3499.82	-	-	25.52	0.00	3474.30
MW - 6	Manny/Elias	04/02/19	3499.82	-	-	25.51	0.00	3474.31
MW - 6	Manny/Elias	04/12/19	3499.82	-	-	25.49	0.00	3474.33
MW - 6	Manny/Elias	04/18/19	3499.82	-	-	25.57	0.00	3474.25
MW - 6	Manny/Elias	04/25/19	3499.82	-	-	25.52	0.00	3474.30
MW - 6	Elias	05/02/19	3499.82	-	-	25.54	0.00	3474.28
MW - 6	Manny	05/10/19	3499.82	-	-	25.58	0.00	3474.24
MW - 6	Manny/Elias	05/14/19	3499.82	32.52	-	25.48	0.00	3474.34

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6	Manny/Elias	05/20/19	3499.82	-	-	25.43	0.00	3474.39
MW - 6	Manny/Elias	05/27/19	3499.82	-	-	25.50	0.00	3474.32
MW - 6	Manny/Elias	06/06/19	3499.82	-	-	25.66	0.00	3474.16
MW - 6	Manny/Elias	06/07/19	3499.82	-	-	25.66	0.00	3474.16
MW - 6	Manny/Elias	06/13/19	3499.82	-	-	25.70	0.00	3474.12
MW - 6	Manny/Elias	06/19/19	3499.82	-	-	25.78	0.00	3474.04
MW - 6	Manny/Elias	07/01/19	3499.82	-	-	25.95	0.00	3473.87
MW - 6	Manny/Elias	07/09/19	3499.82	-	-	26.04	0.00	3473.78
MW - 6	Manny/Elias	07/17/19	3499.82	-	-	26.09	0.00	3473.73
MW - 6	Manny/Elias	07/19/19	3499.82	-	-	26.12	0.00	3473.70
MW - 6	Manny/Elias	07/23/19	3499.82	-	-	26.35	0.00	3473.47
MW - 6	Manny/Elias	08/06/19	3499.82	-	-	26.31	0.00	3473.51
MW - 6	Manny/Elias	08/22/19	3499.82	-	-	26.48	0.00	3473.34
MW - 6	Manny/Elias	08/30/19	3499.82	-	-	26.58	0.00	3473.24
MW - 6	Elias	09/10/19	3499.82	32.65	-	26.54	0.00	3473.28
MW - 6	Elias	09/20/19	3499.82	-	-	26.56	0.00	3473.26
MW - 6	Elias	10/04/19	3499.82	-	-	26.40	0.00	3473.42
MW - 6	Elias	10/09/19	3499.82	-	-	26.23	0.00	3473.59
MW - 6	Elias	10/16/19	3499.82	-	-	26.23	0.00	3473.59
MW - 6	Elias	10/23/19	3499.82	-	-	26.17	0.00	3473.65
MW - 6	Elias	11/04/19	3499.82	-	-	26.10	0.00	3473.72
MW - 6	Elias	12/04/19	3499.82	32.88	-	25.88	0.00	3473.94
MW - 6	Elias	12/16/19	3499.82	-	-	25.89	0.00	3473.93
MW - 6	Elias	12/30/19	3499.82	-	-	25.82	0.00	3474.00
MW - 6	Elias	01/09/20	3499.82	-	-	25.72	0.00	3474.10
MW - 6	Elias	01/14/20	3499.82	-	-	25.75	0.00	3474.07
MW - 6	Elias	01/30/20	3499.82	-	-	25.72	0.00	3474.10
MW - 6	Elias	02/03/20	3499.82	-	-	25.62	0.00	3474.20
MW - 6	Elias	02/12/20	3499.82	32.74	-	25.64	0.00	3474.18
MW - 6	Elias	05/15/20	3499.82	-	25.29	25.30	0.01	3474.53
MW - 6	Manny	06/19/20	3499.82	-	-	25.82	0.00	3474.00
MW - 6	Manny	06/25/20	3499.82	32.72	-	25.92	0.00	3473.90
MW - 6	Manny	07/23/20	3499.82	-	-	27.22	0.00	3472.60
MW - 6	Manny	07/28/20	3499.82	-	-	26.41	0.00	3473.41
MW - 6	Manny	08/07/20	3499.82	-	-	26.44	0.00	3473.38
MW - 6	Manny	08/19/20	3499.82	-	-	26.62	0.00	3473.20
MW - 6	Manny	09/11/20	3499.82	-	-	26.65	0.00	3473.17
MW - 6	Manny	09/29/20	3499.82	-	-	26.73	0.00	3473.09
MW - 6	Manny	10/13/20	3499.82	-	-	26.79	0.00	3473.03
MW - 6	Manny	10/30/20	3499.82	-	-	26.78	0.00	3473.04
MW - 6	Manny	11/11/20	3499.82	32.60	-	26.78	0.00	3473.04
MW - 6	Manny	12/14/20	3499.82	-	-	26.68	0.00	3473.14
MW - 6	Manny	12/30/20	3499.82	-	-	26.76	0.00	3473.06
MW - 6	Manny	01/15/21	3499.82	-	-	26.76	0.00	3473.06
MW - 6	Manny	01/21/21	3499.82	-	-	26.65	0.00	3473.17
MW - 6	Manny	02/23/21	3499.82	-	-	26.72	0.00	3473.10
MW - 6	Manny	03/05/21	3499.82	-	-	26.83	0.00	3472.99
MW - 6	Manny	03/17/21	3499.82	-	-	26.80	0.00	3473.02
MW - 6	Manny	04/16/21	3499.82	-	-	26.77	0.00	3473.05
MW - 6	Manny	05/27/21	3499.82	-	-	26.81	0.00	3473.01
MW - 6	Manny	07/26/21	3499.82	-	-	26.99	0.00	3472.83
MW - 6	Manny	07/27/21	3499.82	-	-	26.99	0.00	3472.83
MW - 6	Manny	09/29/21	3499.82	32.64	-	27.21	0.00	3472.61
MW - 6	Manny	10/13/21	3499.82	-	-	27.18	0.00	3472.64
MW - 6	Manny	10/29/21	3499.82	-	-	27.26	0.00	3472.56
MW - 6	Manny	11/24/21	3499.82	-	-	27.14	0.00	3472.68
MW - 6	Manny	12/02/21	3499.82	32.64	-	27.13	0.00	3472.69
MW - 6	Manny	01/13/22	3499.82	-	-	27.08	0.00	3472.74
MW - 6	Manny	02/16/22	3499.82	-	-	27.00	0.00	3472.82
MW - 6	Manny	03/03/22	3499.82	32.63	-	27.18	0.00	3472.64
MW - 6	Manny	03/17/22	3499.82	-	-	27.14	0.00	3472.68
MW - 6	Manny	04/28/22	3499.82	-	-	27.18	0.00	3472.64
MW - 6	Manny	06/01/22	3499.82	32.62	-	27.62	0.00	3472.20

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6	Manny	08/24/22	3499.82	32.64	-	28.43	0.00	3471.39
MW - 6	Manny	09/29/22	3499.82	-	-	27.96	0.00	3471.86
MW - 6	Manny	10/18/22	3499.82	32.64	-	28.03	0.00	3471.79
MW - 6	Manny	12/09/22	3499.82	-	-	27.65	0.00	3472.17
MW - 6	Manny	01/05/23	3499.82	-	-	27.64	0.00	3472.18
MW - 6	Manny	03/09/23	3499.82	32.64	-	27.43	0.00	3472.39
MW - 6	Manny	05/03/23	3499.82	32.63	-	27.32	0.00	3472.50
MW - 6	Manny	08/30/23	3499.82	32.65	-	28.56	0.00	3471.26
MW - 6	Manny	11/30/23	3499.82	32.64	-	27.90	0.00	3471.92
MW - 6		03/25/24	3499.82	32.66	-	27.53	0.00	3472.29
MW - 6		06/19/24	3499.82	32.60	-	28.52	0.00	3471.30
MW - 6		09/10/24	3499.82	32.60	-	28.82	0.00	3471.00
MW - 6		11/13/24	3499.82	32.58	28.85	28.88	0.03	3470.97
MW - 7		06/07/02	3498.33	-	26.86	27.47	0.61	3471.38
MW - 7		09/27/02	3498.33	-	26.76	28.70	1.94	3471.28
MW - 7		10/29/02	3498.33	-	-	27.23	0.00	3471.10
MW - 7		11/07/02	3498.33	-	26.68	27.01	0.33	3471.60
MW - 7		12/04/02	3498.33	-	26.68	27.01	0.33	3471.60
MW - 7		01/07/03	3498.33	-	27.05	27.50	0.45	3471.21
MW - 7		01/27/03	3498.33	-	26.83	26.91	0.08	3471.49
MW - 7		02/25/03	3498.33	-	26.77	27.39	0.62	3471.47
MW - 7		03/06/03	3498.33	-	26.97	27.38	0.41	3471.30
MW - 7		03/11/03	3498.33	-	26.81	27.41	0.60	3471.43
MW - 7		03/20/03	3498.33	-	27.04	27.45	0.41	3471.23
MW - 7		03/25/03	3498.33	-	26.94	27.03	0.09	3471.38
MW - 7		04/02/03	3498.33	-	26.77	26.79	0.02	3471.56
MW - 7		04/16/03	3498.33	-	26.92	27.25	0.33	3471.36
MW - 7		04/23/03	3498.33	-	26.74	27.30	0.56	3471.51
MW - 7		04/29/03	3498.33	-	26.76	27.32	0.56	3471.49
MW - 7		05/15/03	3498.33	-	26.87	27.51	0.64	3471.36
MW - 7		05/22/03	3498.33	-	27.00	27.16	0.16	3471.31
MW - 7		05/28/03	3498.33	-	27.29	27.47	0.18	3471.01
MW - 7		06/04/03	3498.33	-	27.06	27.39	0.33	3471.22
MW - 7		06/10/03	3498.33	-	27.31	27.51	0.20	3470.99
MW - 7		06/26/03	3498.33	-	27.11	27.56	0.45	3471.15
MW - 7		07/07/03	3498.33	-	27.63	27.75	0.12	3470.68
MW - 7		07/30/03	3498.33	-	27.61	27.74	0.13	3470.70
MW - 7		08/05/03	3498.33	-	27.99	29.40	1.41	3470.13
MW - 7		08/21/03	3498.33	-	28.04	30.31	2.27	3469.95
MW - 7		08/26/03	3498.33	-	28.16	30.57	2.41	3469.81
MW - 7		09/08/03	3498.33	-	28.17	31.02	2.85	3469.73
MW - 7		09/15/03	3498.33	-	28.20	31.00	2.80	3469.71
MW - 7		09/24/03	3498.33	-	28.18	28.67	0.49	3470.08
MW - 7		10/02/03	3498.33	-	28.04	31.28	3.24	3469.80
MW - 7		10/08/03	3498.33	-	27.95	31.32	3.37	3469.87
MW - 7		10/16/03	3498.33	-	28.29	31.68	3.39	3469.53
MW - 7		10/28/03	3498.33	-	28.24	31.71	3.47	3469.57
MW - 7		11/11/03	3498.33	-	28.51	30.80	2.29	3469.48
MW - 7		11/18/03	3498.33	-	28.31	30.70	2.39	3469.66
MW - 7		11/25/03	3498.33	-	28.06	30.28	2.22	3469.94
MW - 7		12/08/03	3498.33	-	28.08	30.36	2.28	3469.91
MW - 7		01/27/04	3498.33	-	28.64	31.11	2.47	3469.32
MW - 7		02/02/04	3498.33	-	28.70	31.14	2.44	3469.26
MW - 7		02/10/04	3498.33	-	28.05	30.66	2.61	3469.89
MW - 7		02/20/04	3498.33	-	28.17	31.11	2.94	3469.72
MW - 7		03/04/04	3498.33	-	28.07	30.67	2.60	3469.87
MW - 7		03/16/04	3498.33	-	28.42	30.08	1.66	3469.66
MW - 7		03/25/04	3498.33	-	28.48	30.06	1.58	3469.61
MW - 7		03/31/04	3498.33	-	28.46	30.04	1.58	3469.63
MW - 7		04/01/04	3498.33	-	28.47	29.91	1.44	3469.64
MW - 7		04/08/04	3498.33	-	25.10	26.72	1.62	3472.99
MW - 7		04/14/04	3498.33	-	24.21	27.00	2.79	3473.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7		04/16/04	3498.33	-	24.66	27.65	2.99	3473.22
MW - 7		04/22/04	3498.33	-	24.20	27.43	3.23	3473.65
MW - 7		04/29/04	3498.33	-	24.54	27.49	2.95	3473.35
MW - 7		05/05/04	3498.33	-	25.10	27.83	2.73	3472.82
MW - 7		05/10/04	3498.33	-	24.88	27.44	2.56	3473.07
MW - 7		06/08/04	3498.33	-	25.30	27.68	2.38	3472.67
MW - 7		06/17/04	3498.33	-	25.57	27.81	2.24	3472.42
MW - 7		06/22/04	3498.33	-	25.62	27.84	2.22	3472.38
MW - 7		06/25/04	3498.33	-	25.58	27.88	2.30	3472.41
MW - 7		06/29/04	3498.33	-	25.51	27.80	2.29	3472.48
MW - 7		07/01/04	3498.33	-	25.55	27.89	2.34	3472.43
MW - 7		07/08/04	3498.33	-	25.48	27.83	2.35	3472.50
MW - 7		07/13/04	3498.33	-	25.61	27.92	2.31	3472.37
MW - 7		07/20/04	3498.33	-	25.64	28.06	2.42	3472.33
MW - 7		08/04/04	3498.33	-	25.67	28.05	2.38	3472.30
MW - 7		08/10/04	3498.33	-	25.69	28.04	2.35	3472.29
MW - 7		08/17/04	3498.33	-	25.95	28.18	2.23	3472.05
MW - 7		08/23/04	3498.33	-	25.40	28.10	2.70	3472.53
MW - 7		08/25/04	3498.33	-	25.50	28.22	2.72	3472.42
MW - 7		08/31/04	3498.33	-	25.81	28.24	2.43	3472.16
MW - 7		09/13/04	3498.33	-	25.99	27.76	1.77	3472.07
MW - 7		09/20/04	3498.33	-	26.11	27.70	1.59	3471.98
MW - 7		09/30/04	3498.33	-	26.26	27.73	1.47	3471.85
MW - 7		10/04/04	3498.33	-	23.32	27.15	3.83	3474.44
MW - 7		10/11/04	3498.33	-	22.99	26.55	3.56	3474.81
MW - 7		10/18/04	3498.33	-	23.35	26.40	3.05	3474.52
MW - 7		10/27/04	3498.33	-	23.59	26.10	2.51	3474.36
MW - 7		11/02/04	3498.33	-	24.25	26.30	2.05	3473.77
MW - 7		11/08/04	3498.33	-	24.35	26.35	2.00	3473.68
MW - 7		11/15/04	3498.33	-	24.00	24.22	0.22	3474.30
MW - 7		11/23/04	3498.33	-	24.10	24.60	0.50	3474.16
MW - 7		12/01/04	3498.33	-	23.79	24.40	0.61	3474.45
MW - 7		12/02/04	3498.33	-	23.79	24.40	0.61	3474.45
MW - 7		12/08/04	3498.33	-	23.97	24.88	0.91	3474.22
MW - 7		12/14/04	3498.33	-	23.99	25.40	1.41	3474.13
MW - 7		12/21/04	3498.33	-	24.00	25.55	1.55	3474.10
MW - 7		12/29/04	3498.33	-	24.00	25.40	1.40	3474.12
MW - 7		01/11/05	3498.33	-	23.98	25.61	1.63	3474.11
MW - 7		01/18/05	3498.33	-	24.69	24.71	0.02	3473.64
MW - 7		01/21/05	3498.33	-	24.10	24.20	0.10	3474.22
MW - 7		01/25/05	3498.33	-	24.15	24.25	0.10	3474.17
MW - 7		01/28/05	3498.33	-	24.16	24.33	0.17	3474.14
MW - 7		02/02/05	3498.33	-	24.23	24.51	0.28	3474.06
MW - 7		02/05/05	3498.33	-	24.11	24.36	0.25	3474.18
MW - 7		02/08/05	3498.33	-	24.19	24.50	0.31	3474.09
MW - 7		02/11/05	3498.33	-	24.26	24.48	0.22	3474.04
MW - 7		02/15/05	3498.33	-	sheen	24.55	0.00	3473.78
MW - 7		02/18/05	3498.33	-	24.22	24.53	0.31	3474.06
MW - 7		02/22/05	3498.33	-	24.14	24.60	0.46	3474.12
MW - 7		02/25/05	3498.33	-	24.21	24.94	0.73	3474.01
MW - 7		03/01/05	3498.33	-	24.13	24.74	0.61	3474.11
MW - 7		03/04/05	3498.33	-	24.22	25.05	0.83	3473.99
MW - 7		03/08/05	3498.33	-	24.08	24.89	0.81	3474.13
MW - 7		03/10/05	3498.33	-	24.08	24.89	0.81	3474.13
MW - 7		03/11/05	3498.33	-	24.12	24.90	0.78	3474.09
MW - 7		03/15/05	3498.33	-	24.18	24.83	0.65	3474.05
MW - 7		03/19/05	3498.33	-	24.17	24.83	0.66	3474.06
MW - 7		03/22/05	3498.33	-	24.05	24.90	0.85	3474.15
MW - 7		03/28/05	3498.33	-	23.90	24.44	0.54	3474.35
MW - 7		04/01/05	3498.33	-	24.10	24.59	0.49	3474.16
MW - 7		04/05/05	3498.33	-	23.92	24.70	0.78	3474.29
MW - 7		04/08/05	3498.33	-	23.95	24.69	0.74	3474.27
MW - 7		04/12/05	3498.33	-	23.94	24.80	0.86	3474.26

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7		04/15/05	3498.33	-	23.97	24.65	0.68	3474.26
MW - 7		05/25/05	3498.33	-	24.16	24.53	0.37	3474.11
MW - 7		06/03/05	3498.33	-	23.53	24.31	0.78	3474.68
MW - 7		06/06/05	3498.33	-	23.59	24.30	0.71	3474.63
MW - 7		06/10/05	3498.33	-	23.55	24.30	0.75	3474.67
MW - 7		06/13/05	3498.33	-	23.70	25.08	1.38	3474.42
MW - 7		06/20/05	3498.33	-	23.80	24.37	0.57	3474.44
MW - 7		06/24/05	3498.33	-	23.74	24.27	0.53	3474.51
MW - 7		06/27/05	3498.33	-	23.79	24.08	0.29	3474.50
MW - 7		07/18/05	3498.33	-	24.01	24.49	0.48	3474.25
MW - 7		07/25/05	3498.33	-	23.98	24.42	0.44	3474.28
MW - 7		08/01/05	3498.33	-	24.15	24.76	0.61	3474.09
MW - 7		08/04/05	3498.33	-	24.19	24.77	0.58	3474.05
MW - 7		08/10/05	3498.33	-	24.20	24.53	0.33	3474.08
MW - 7		08/16/05	3498.33	-	24.30	24.72	0.42	3473.97
MW - 7		08/23/05	3498.33	-	23.70	24.00	0.30	3474.59
MW - 7		08/29/05	3498.33	-	23.75	24.03	0.28	3474.54
MW - 7		09/06/05	3498.33	-	23.86	24.08	0.22	3474.44
MW - 7		09/09/05	3498.33	-	23.70	24.11	0.41	3474.57
MW - 7		09/12/05	3498.33	-	23.84	24.12	0.28	3474.45
MW - 7		09/19/05	3498.33	-	24.05	24.80	0.75	3474.17
MW - 7		09/27/05	3498.33	-	24.12	24.70	0.58	3474.12
MW - 7		10/03/05	3498.33	-	24.19	24.79	0.60	3474.05
MW - 7		10/10/05	3498.33	-	23.98	25.05	1.07	3474.19
MW - 7		10/17/05	3498.33	-	24.42	24.82	0.40	3473.85
MW - 7		10/24/05	3498.33	-	23.88	25.27	1.39	3474.24
MW - 7		11/01/05	3498.33	-	23.88	24.30	0.42	3474.39
MW - 7		11/08/05	3498.33	-	23.94	24.28	0.34	3474.34
MW - 7		11/15/05	3498.33	-	24.01	24.63	0.62	3474.23
MW - 7		11/22/05	3498.33	-	23.84	24.40	0.56	3474.41
MW - 7		11/27/05	3498.33	-	23.98	24.14	0.16	3474.33
MW - 7		12/05/05	3498.33	-	23.87	24.11	0.24	3474.42
MW - 7		12/07/05	3498.33	-	23.96	24.21	0.25	3474.33
MW - 7		12/16/05	3498.33	-	23.90	24.10	0.20	3474.40
MW - 7		12/29/05	3498.33	-	23.77	24.11	0.34	3474.51
MW - 7		01/03/06	3498.33	-	23.91	24.10	0.19	3474.39
MW - 7		01/09/06	3498.33	-	23.98	24.50	0.52	3474.27
MW - 7		01/16/06	3498.33	-	23.71	24.00	0.29	3474.58
MW - 7		01/23/06	3498.33	-	23.98	24.30	0.32	3474.30
MW - 7		01/30/06	3498.33	-	24.01	24.28	0.27	3474.28
MW - 7		02/07/06	3498.33	-	23.90	24.13	0.23	3474.40
MW - 7		02/09/06	3498.33	-	24.11	24.60	0.49	3474.15
MW - 7		02/14/06	3498.33	-	23.77	24.22	0.45	3474.49
MW - 7		02/21/06	3498.33	-	23.88	24.29	0.41	3474.39
MW - 7		02/27/06	3498.33	-	23.80	24.02	0.22	3474.50
MW - 7		03/06/06	3498.33	-	23.84	24.05	0.21	3474.46
MW - 7		03/09/06	3498.33	-	23.69	23.85	0.16	3474.62
MW - 7		03/17/06	3498.33	-	24.10	24.24	0.14	3474.21
MW - 7		03/21/06	3498.33	-	24.03	24.26	0.23	3474.27
MW - 7		03/28/06	3498.33	-	24.08	24.24	0.16	3474.23
MW - 7		04/03/06	3498.33	-	23.98	24.09	0.11	3474.33
MW - 7		04/10/06	3498.33	-	23.73	23.81	0.08	3474.59
MW - 7		04/17/06	3498.33	-	23.70	23.82	0.12	3474.61
MW - 7		05/01/06	3498.33	-	23.78	24.04	0.26	3474.51
MW - 7		05/08/06	3498.33	-	23.73	23.98	0.25	3474.56
MW - 7		05/15/06	3498.33	-	23.99	24.76	0.77	3474.22
MW - 7		06/01/06	3498.33	-	24.13	24.27	0.14	3474.18
MW - 7		06/05/06	3498.33	-	24.03	24.15	0.12	3474.28
MW - 7		06/08/06	3498.33	-	24.21	24.30	0.09	3474.11
MW - 7		06/12/06	3498.33	-	24.31	24.40	0.09	3474.01
MW - 7		07/03/06	3498.33	-	24.46	26.69	2.23	3473.54
MW - 7		07/10/06	3498.33	-	24.43	24.53	0.10	3473.89
MW - 7		07/17/06	3498.33	-	24.04	24.22	0.18	3474.26

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7		07/26/06	3498.33	-	24.29	24.39	0.10	3474.03
MW - 7		07/31/06	3498.33	-	24.37	24.49	0.12	3473.94
MW - 7		08/07/06	3498.33	-	25.37	25.52	0.15	3472.94
MW - 7		08/17/06	3498.33	-	24.29	24.49	0.20	3474.01
MW - 7		08/21/06	3498.33	-	24.02	24.30	0.28	3474.27
MW - 7		09/06/06	3498.33	-	23.16	23.38	0.22	3475.14
MW - 7		09/11/06	3498.33	-	23.32	23.56	0.24	3474.97
MW - 7		09/15/06	3498.33	-	23.36	23.64	0.28	3474.93
MW - 7		10/02/06	3498.33	-	23.39	23.66	0.27	3474.90
MW - 7		10/09/06	3498.33	-	23.73	24.75	1.02	3474.45
MW - 7		10/17/06	3498.33	-	23.71	24.00	0.29	3474.58
MW - 7		10/23/06	3498.33	-	23.83	24.20	0.37	3474.44
MW - 7		10/30/06	3498.33	-	23.80	24.16	0.36	3474.48
MW - 7		11/06/06	3498.33	-	23.82	23.83	0.01	3474.51
MW - 7		11/13/06	3498.33	-	23.80	23.91	0.11	3474.51
MW - 7		11/20/06	3498.33	-	23.92	24.12	0.20	3474.38
MW - 7		11/27/06	3498.33	-	23.73	23.84	0.11	3474.58
MW - 7		11/29/06	3498.33	-	23.74	23.85	0.11	3474.57
MW - 7		12/04/06	3498.33	-	23.91	24.23	0.32	3474.37
MW - 7		12/12/06	3498.33	-	23.83	23.92	0.09	3474.49
MW - 7		12/18/06	3498.33	-	23.83	23.94	0.11	3474.48
MW - 7		01/04/07	3498.33	-	23.58	23.75	0.17	3474.72
MW - 7		01/11/07	3498.33	-	23.65	23.77	0.12	3474.66
MW - 7		01/18/07	3498.33	-	23.82	23.94	0.12	3474.49
MW - 7		01/22/07	3498.33	-	23.82	23.92	0.10	3474.50
MW - 7		01/31/07	3498.33	-	23.63	23.74	0.11	3474.68
MW - 7		02/07/07	3498.33	-	23.74	23.88	0.14	3474.57
MW - 7		02/14/07	3498.33	-	23.79	23.99	0.20	3474.51
MW - 7		02/26/07	3498.33	-	23.74	23.99	0.25	3474.55
MW - 7		03/07/07	3498.33	-	23.88	24.33	0.45	3474.38
MW - 7		04/03/07	3498.33	-	23.56	23.76	0.20	3474.74
MW - 7		04/09/07	3498.33	-	23.33	23.63	0.30	3474.96
MW - 7		04/17/07	3498.33	-	23.43	23.75	0.32	3474.85
MW - 7		05/01/07	3498.33	-	23.47	23.53	0.06	3474.85
MW - 7		05/07/07	3498.33	-	23.46	23.51	0.05	3474.86
MW - 7		05/17/07	3498.33	-	22.98	23.12	0.14	3475.33
MW - 7		05/21/07	3498.33	-	22.91	23.41	0.50	3475.35
MW - 7		05/22/07	3498.33	-	22.91	23.41	0.50	3475.35
MW - 7		06/01/07	3498.33	-	23.03	23.09	0.06	3475.29
MW - 7		06/06/07	3498.33	-	23.01	23.09	0.08	3475.31
MW - 7		06/11/07	3498.33	-	23.16	23.41	0.25	3475.13
MW - 7		06/19/07	3498.33	-	23.28	23.39	0.11	3475.03
MW - 7		06/25/07	3498.33	-	23.30	23.38	0.08	3475.02
MW - 7		07/03/07	3498.33	-	23.39	23.49	0.10	3474.93
MW - 7		07/23/07	3498.33	-	23.63	23.68	0.05	3474.69
MW - 7		07/30/07	3498.33	-	23.73	24.04	0.31	3474.55
MW - 7		08/06/07	3498.33	-	23.81	24.06	0.25	3474.48
MW - 7		08/13/07	3498.33	-	23.92	24.01	0.09	3474.40
MW - 7		08/16/07	3498.33	-	23.92	24.11	0.19	3474.38
MW - 7		08/27/07	3498.33	-	24.04	24.12	0.08	3474.28
MW - 7		09/07/07	3498.33	-	24.15	24.28	0.13	3474.16
MW - 7		09/13/07	3498.33	-	23.33	23.37	0.04	3474.99
MW - 7		09/18/07	3498.33	-	sheen	23.21	0.00	3475.12
MW - 7		09/24/07	3498.33	-	sheen	23.26	0.00	3475.07
MW - 7		10/01/07	3498.33	-	sheen	23.39	0.00	3474.94
MW - 7		10/08/07	3498.33	-	sheen	23.56	0.00	3474.77
MW - 7		10/15/07	3498.33	-	sheen	23.59	0.00	3474.74
MW - 7		11/05/07	3498.33	-	sheen	23.54	0.00	3474.79
MW - 7		11/07/07	3498.33	-	sheen	23.52	0.00	3474.81
MW - 7		11/12/07	3498.33	-	sheen	25.62	0.00	3472.71
MW - 7		11/19/07	3498.33	-	sheen	23.52	0.00	3474.81
MW - 7		11/28/07	3498.33	-	23.54	23.56	0.00	3474.77
MW - 7		12/03/07	3498.33	-	sheen	23.73	0.00	3474.60

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7		12/14/07	3498.33	-	sheen	23.59	0.00	3474.74
MW - 7		01/09/08	3498.33	-	-	23.51	0.00	3474.82
MW - 7		01/16/08	3498.33	-	-	23.63	0.00	3474.70
MW - 7		01/23/08	3498.33	-	-	23.76	0.00	3474.57
MW - 7		02/08/08	3498.33	-	-	23.76	0.00	3474.57
MW - 7		02/12/08	3498.33	-	-	23.77	0.00	3474.56
MW - 7		02/22/08	3498.33	-	-	23.78	0.00	3474.55
MW - 7		02/22/08	3498.33	-	-	23.81	0.00	3474.52
MW - 7		03/19/08	3498.33	-	-	23.93	0.00	3474.40
MW - 7		04/03/08	3498.33	-	-	23.76	0.00	3474.57
MW - 7		04/14/08	3498.33	-	-	23.81	0.00	3474.52
MW - 7		05/14/08	3498.33	-	-	23.85	0.00	3474.48
MW - 7		06/09/08	3498.33	-	-	24.12	0.00	3474.21
MW - 7		06/23/08	3498.33	-	-	24.21	0.00	3474.12
MW - 7		07/22/08	3498.33	-	-	24.55	0.00	3473.78
MW - 7		08/04/08	3498.33	-	-	24.68	0.00	3473.65
MW - 7		08/18/08	3498.33	-	-	24.74	0.00	3473.59
MW - 7		09/02/08	3498.33	-	-	24.39	0.00	3473.94
MW - 7		09/17/08	3498.33	-	-	24.15	0.00	3474.18
MW - 7		09/29/08	3498.33	-	-	24.34	0.00	3473.99
MW - 7		10/06/08	3498.33	-	-	24.40	0.00	3473.93
MW - 7		10/13/08	3498.33	-	-	24.42	0.00	3473.91
MW - 7		10/20/08	3498.33	-	-	23.92	0.00	3474.41
MW - 7		10/29/08	3498.33	-	-	24.12	0.00	3474.21
MW - 7		11/05/08	3498.33	-	-	26.12	0.00	3472.21
MW - 7		11/10/08	3498.33	-	-	24.23	0.00	3474.10
MW - 7		11/13/08	3498.33	-	-	24.13	0.00	3474.20
MW - 7		12/03/08	3498.33	-	-	27.16	0.00	3471.17
MW - 7		12/16/08	3498.33	-	-	26.24	0.00	3472.09
MW - 7		12/30/08	3498.33	-	24.21	24.22	0.01	3474.12
MW - 7		01/06/09	3498.33	-	-	-	-	-
MW - 7		02/11/09	3498.33	-	-	24.42	0.00	3473.91
MW - 7		02/24/09	3498.33	-	-	24.33	0.00	3474.00
MW - 7		03/04/09	3498.33	-	-	24.35	0.00	3473.98
MW - 7		03/17/09	3498.33	-	-	24.35	0.00	3473.98
MW - 7		03/25/09	3498.33	-	-	24.36	0.00	3473.97
MW - 7		04/08/09	3498.33	-	-	24.29	0.00	3474.04
MW - 7		04/15/09	3498.33	-	-	24.35	0.00	3473.98
MW - 7		04/29/09	3498.33	-	-	24.34	0.00	3473.99
MW - 7		05/13/09	3498.33	-	-	24.31	0.00	3474.02
MW - 7		06/01/09	3498.33	-	-	24.65	0.00	3473.68
MW - 7		06/10/09	3498.33	-	-	24.33	0.00	3474.00
MW - 7		06/12/09	3498.33	-	-	24.75	0.00	3473.58
MW - 7		06/18/09	3498.33	-	-	24.34	0.00	3473.99
MW - 7		06/24/09	3498.33	-	-	24.89	0.00	3473.44
MW - 7		07/02/09	3498.33	-	-	24.98	0.00	3473.35
MW - 7		07/08/09	3498.33	-	-	24.30	0.00	3474.03
MW - 7		07/14/09	3498.33	-	-	25.01	0.00	3473.32
MW - 7		07/20/09	3498.33	-	-	25.01	0.00	3473.32
MW - 7		07/27/09	3498.33	-	-	25.01	0.00	3473.32
MW - 7		08/03/09	3498.33	-	-	25.00	0.00	3473.33
MW - 7		08/10/09	3498.33	-	-	25.18	0.00	3473.15
MW - 7		08/11/09	3498.33	-	-	25.22	0.00	3473.11
MW - 7		08/18/09	3498.33	-	-	25.28	0.00	3473.05
MW - 7		08/24/09	3498.33	-	-	25.28	0.00	3473.05
MW - 7		08/31/09	3498.33	-	-	25.41	0.00	3472.92
MW - 7		09/03/09	3498.33	-	-	25.31	0.00	3473.02
MW - 7		09/08/09	3498.33	-	-	25.49	0.00	3472.84
MW - 7		09/10/09	3498.33	-	-	25.50	0.00	3472.83
MW - 7		09/16/09	3498.33	-	-	25.46	0.00	3472.87
MW - 7		09/22/09	3498.33	-	-	25.69	0.00	3472.64
MW - 7		09/29/09	3498.33	-	-	25.03	0.00	3473.30
MW - 7		10/02/09	3498.33	-	-	25.53	0.00	3472.80

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7		10/07/09	3498.33	-	-	25.50	0.00	3472.83
MW - 7		10/12/09	3498.33	-	-	24.31	0.00	3474.02
MW - 7		10/16/09	3498.33	-	-	25.32	0.00	3473.01
MW - 7		10/20/09	3498.33	-	-	24.33	0.00	3474.00
MW - 7		10/26/09	3498.33	-	-	24.33	0.00	3474.00
MW - 7		10/28/09	3498.33	-	-	25.39	0.00	3472.94
MW - 7		11/04/09	3498.33	-	-	25.66	0.00	3472.67
MW - 7		11/12/09	3498.33	-	sheen	25.46	0.00	3472.87
MW - 7		11/23/09	3498.33	-	-	25.65	0.00	3472.68
MW - 7		12/03/09	3498.33	-	sheen	25.72	0.00	3472.61
MW - 7		12/16/09	3498.33	-	sheen	25.76	0.00	3472.57
MW - 7		12/21/09	3498.33	-	sheen	25.55	0.00	3472.78
MW - 7		12/28/09	3498.33	-	sheen	24.35	0.00	3473.98
MW - 7		01/05/10	3498.33	-	sheen	25.70	0.00	3472.63
MW - 7		01/20/10	3498.33	-	sheen	24.37	0.00	3473.96
MW - 7		01/25/10	3498.33	-	sheen	24.68	0.00	3473.65
MW - 7		01/27/10	3498.33	-	sheen	25.67	0.00	3472.66
MW - 7		02/10/10	3498.33	-	sheen	25.78	0.00	3472.55
MW - 7		03/01/10	3498.33	-	sheen	24.39	0.00	3473.94
MW - 7		03/09/10	3498.33	-	sheen	25.70	0.00	3472.63
MW - 7		03/11/10	3498.33	-	sheen	25.66	0.00	3472.67
MW - 7		05/25/10	3498.33	-	27.02	27.10	0.00	3471.23
MW - 7		06/07/10	3498.33	-	sheen	27.50	0.00	3470.83
MW - 7		06/12/10	3498.33	-	sheen	27.42	0.00	3470.91
MW - 7		06/25/10	3498.33	-	sheen	27.53	0.00	3470.80
MW - 7		07/07/10	3498.33	-	sheen	27.26	0.00	3471.07
MW - 7		07/12/10	3498.33	-	sheen	26.64	0.00	3471.69
MW - 7		07/26/10	3498.33	-	-	-	-	-
MW - 7		08/03/10	3498.33	-	26.44	26.45	0.01	3471.89
MW - 7		08/13/10	3498.33	-	26.39	26.45	0.06	3471.93
MW - 7		08/19/10	3498.33	-	26.34	26.39	0.05	3471.98
MW - 7		08/25/10	3498.33	-	26.51	26.55	0.04	3471.81
MW - 7		09/01/10	3498.33	-	26.35	26.41	0.06	3471.97
MW - 7		09/09/10	3498.33	-	26.41	26.46	0.05	3471.91
MW - 7		09/13/10	3498.33	-	26.41	26.44	0.03	3471.92
MW - 7		09/29/10	3498.33	-	26.37	26.42	0.05	3471.95
MW - 7		10/05/10	3498.33	-	26.43	26.45	0.02	3471.90
MW - 7		10/25/10	3498.33	-	26.44	26.46	0.02	3471.89
MW - 7		11/03/10	3498.33	-	26.34	26.42	0.08	3471.98
MW - 7		11/10/10	3498.33	-	26.54	26.65	0.11	3471.77
MW - 7		11/17/10	3498.33	-	26.54	26.65	0.11	3471.77
MW - 7		12/09/10	3498.33	-	26.35	26.41	0.06	3471.97
MW - 7		01/18/11	3498.33	-	26.55	26.64	0.09	3471.77
MW - 7		02/22/11	3498.33	-	26.53	26.67	0.14	3471.78
MW - 7		03/01/11	3498.33	-	26.76	26.88	0.12	3471.55
MW - 7		03/07/11	3498.33	-	26.54	26.66	0.12	3471.77
MW - 7		03/22/11	3498.33	-	26.54	26.64	0.10	3471.78
MW - 7		04/27/11	3498.33	-	26.93	27.43	0.50	3471.33
MW - 7		05/05/11	3498.33	-	26.98	27.15	0.17	3471.32
MW - 7		05/10/11	3498.33	-	27.66	28.37	0.71	3470.56
MW - 7		05/17/11	3498.33	-	26.92	27.02	0.10	3471.40
MW - 7		05/17/11	3498.33	-	26.92	27.02	0.10	3471.40
MW - 7		05/24/11	3498.33	-	27.01	27.15	0.14	3471.30
MW - 7		06/07/11	3498.33	-	27.23	27.40	0.17	3471.07
MW - 7		06/14/11	3498.33	-	27.15	27.60	0.45	3471.11
MW - 7		06/23/11	3498.33	-	27.43	28.36	0.93	3470.76
MW - 7		06/28/11	3498.33	-	27.48	27.81	0.33	3470.80
MW - 7		07/06/11	3498.33	-	27.58	28.06	0.48	3470.68
MW - 7		07/14/11	3498.33	-	27.63	28.18	0.55	3470.62
MW - 7		07/27/11	3498.33	-	27.72	28.26	0.54	3470.53
MW - 7		08/03/11	3498.33	-	27.80	28.31	0.51	3470.45
MW - 7		08/11/11	3498.33	-	27.91	28.35	0.44	3470.35
MW - 7		08/18/11	3498.33	-	27.94	28.40	0.46	3470.32

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7		08/25/11	3498.33	-	28.02	28.38	0.36	3470.26
MW - 7		09/02/11	3498.33	-	28.04	28.29	0.25	3470.25
MW - 7		09/09/11	3498.33	-	28.09	28.62	0.53	3470.16
MW - 7		11/08/11	3498.33	-	27.86	28.74	0.88	3470.34
MW - 7		12/28/11	3498.33	-	27.87	29.08	1.21	3470.28
MW - 7		01/05/12	3498.33	-	27.89	28.74	0.85	3470.31
MW - 7		01/18/12	3498.33	-	27.79	28.80	1.01	3470.39
MW - 7		01/27/12	3498.33	-	27.78	29.00	1.22	3470.37
MW - 7		02/02/12	3498.33	-	27.72	28.65	0.93	3470.47
MW - 7		02/10/12	3498.33	-	27.93	28.86	0.93	3470.26
MW - 7		02/15/12	3498.33	-	27.82	28.54	0.72	3470.40
MW - 7		03/01/12	3498.33	-	27.70	28.36	0.66	3470.53
MW - 7		03/07/12	3498.33	-	27.74	28.35	0.61	3470.50
MW - 7		03/14/12	3498.33	-	27.81	28.49	0.68	3470.42
MW - 7		03/26/12	3498.33	-	27.74	28.32	0.58	3470.50
MW - 7		04/11/12	3498.33	-	27.73	28.39	0.66	3470.50
MW - 7		04/17/12	3498.33	-	27.81	28.44	0.63	3470.43
MW - 7		04/25/12	3498.33	-	28.31	28.71	0.40	3469.96
MW - 7		05/23/12	3498.33	-	26.63	28.83	2.20	3471.37
MW - 7		06/06/12	3498.33	-	27.82	28.87	1.05	3470.35
MW - 7		06/13/12	3498.33	-	27.97	28.68	0.71	3470.25
MW - 7		06/20/12	3498.33	-	27.91	28.60	0.69	3470.32
MW - 7		07/11/12	3498.33	-	27.93	28.59	0.66	3470.30
MW - 7		07/18/12	3498.33	-	28.00	28.67	0.67	3470.23
MW - 7		08/02/12	3498.33	-	28.14	29.47	1.33	3469.99
MW - 7		08/09/12	3498.33	-	28.27	29.47	1.20	3469.88
MW - 7		08/16/12	3498.33	-	28.34	29.60	1.26	3469.80
MW - 7		10/02/12	3498.33	-	28.48	29.93	1.45	3469.63
MW - 7		10/10/12	3498.33	-	28.49	29.82	1.33	3469.64
MW - 7		10/17/12	3498.33	-	28.26	29.76	1.50	3469.85
MW - 7		10/26/12	3498.33	-	28.49	29.77	1.28	3469.65
MW - 7		11/01/12	3498.33	-	28.29	29.64	1.35	3469.84
MW - 7		11/19/12	3498.33	-	28.25	29.51	1.26	3469.89
MW - 7		12/13/12	3498.33	-	28.18	29.65	1.47	3469.93
MW - 7		12/18/12	3498.33	-	28.07	29.36	1.29	3470.07
MW - 7		01/08/13	3498.33	-	28.08	29.47	1.39	3470.04
MW - 7		01/16/13	3498.33	-	28.24	29.52	1.28	3469.90
MW - 7		01/24/13	3498.33	-	28.21	29.49	1.28	3469.93
MW - 7		01/30/13	3498.33	-	28.22	29.56	1.34	3469.91
MW - 7		02/12/13	3498.33	-	28.15	29.61	1.46	3469.96
MW - 7		03/19/13	3498.33	-	28.03	29.77	1.74	3470.04
MW - 7		04/02/13	3498.33	-	28.08	29.69	1.61	3470.01
MW - 7		04/08/13	3498.33	-	27.91	29.54	1.63	3470.18
MW - 7		04/16/13	3498.33	-	28.10	29.54	1.44	3470.01
MW - 7		04/23/13	3498.33	-	28.18	29.61	1.43	3469.94
MW - 7		05/01/13	3498.33	-	28.12	29.78	1.66	3469.96
MW - 7		05/08/13	3498.33	-	28.08	29.46	1.38	3470.04
MW - 7		05/15/13	3498.33	-	27.99	29.37	1.38	3470.13
MW - 7		05/17/13	3498.33	-	28.10	29.50	1.40	3470.02
MW - 7		05/23/13	3498.33	-	28.18	29.39	1.21	3469.97
MW - 7		05/29/13	3498.33	-	28.09	29.28	1.19	3470.06
MW - 7		06/12/13	3498.33	-	28.43	29.36	0.93	3469.76
MW - 7		06/19/13	3498.33	-	28.48	29.37	0.89	3469.72
MW - 7		06/27/13	3498.33	-	28.68	29.48	0.80	3469.53
MW - 7		07/02/13	3498.33	-	28.76	29.53	0.77	3469.45
MW - 7		07/08/13	3498.33	-	28.82	29.47	0.65	3469.41
MW - 7		07/15/13	3498.33	-	28.88	29.47	0.59	3469.36
MW - 7		07/23/13	3498.33	-	28.73	29.47	0.74	3469.49
MW - 7		07/29/13	3498.33	-	28.72	29.35	0.63	3469.52
MW - 7		08/07/13	3498.33	-	28.54	28.77	0.23	3469.76
MW - 7		08/15/13	3498.33	-	28.51	28.73	0.22	3469.79
MW - 7		08/20/13	3498.33	28.87	28.65	28.73	0.08	3469.67
MW - 7		08/28/13	3498.33	-	28.95	29.70	0.75	3469.27

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7		09/05/13	3498.33	-	29.02	29.76	0.74	3469.20
MW - 7		09/09/13	3498.33	-	28.93	29.69	0.76	3469.29
MW - 7		09/18/13	3498.33	-	29.02	29.78	0.76	3469.20
MW - 7		09/28/13	3498.33	-	29.06	29.90	0.84	3469.14
MW - 7		10/01/13	3498.33	-	29.05	29.85	0.80	3469.16
MW - 7		10/08/13	3498.33	-	29.05	29.87	0.82	3469.16
MW - 7		10/14/13	3498.33	-	29.06	29.85	0.79	3469.15
MW - 7		10/23/13	3498.33	-	28.97	29.80	0.83	3469.24
MW - 7		10/29/13	3498.33	-	28.86	29.84	0.98	3469.32
MW - 7		11/16/13	3498.33	-	28.69	29.90	1.21	3469.46
MW - 7		11/27/13	3498.33	-	28.90	29.94	1.04	3469.27
MW - 7		12/02/13	3498.33	-	28.57	29.89	1.32	3469.56
MW - 7		12/14/13	3498.33	-	28.86	29.93	1.07	3469.31
MW - 7		12/19/13	3498.33	-	28.47	29.95	1.48	3469.64
MW - 7		12/24/13	3498.33	-	28.67	29.84	1.17	3469.48
MW - 7		01/02/14	3498.33	-	28.68	29.76	1.08	3469.49
MW - 7		01/07/14	3498.33	-	28.56	29.75	1.19	3469.59
MW - 7		01/14/14	3498.33	-	28.68	29.89	1.21	3469.47
MW - 7		01/21/14	3498.33	-	28.58	29.87	1.29	3469.56
MW - 7		01/31/14	3498.33	-	28.50	29.99	1.49	3469.61
MW - 7	John F.	02/10/14	3498.33	-	28.57	29.91	1.34	3469.56
MW - 7	John F.	02/27/14	3498.33	-	28.39	30.01	1.62	3469.70
MW - 7	John & Jose	03/06/14	3498.33	-	28.47	30.09	1.62	3469.62
MW - 7	John & Jose	03/13/14	3498.33	-	28.54	30.20	1.66	3469.54
MW - 7	David F.	03/25/14	3498.33	-	28.57	30.36	1.79	3469.49
MW - 7	Baer & Justin	04/03/14	3498.33	-	28.45	30.15	1.70	3469.63
MW - 7	Manny & Chanc	04/07/14	3498.33	-	28.56	28.58	0.02	3469.77
MW - 7	Manny & Chanc	04/14/14	3498.33	-	28.71	29.71	1.00	3469.47
MW - 7	Manny & Chanc	04/23/14	3498.33	-	28.45	29.45	1.00	3469.73
MW - 7	Jose	04/28/14	3498.33	-	28.65	30.02	1.37	3469.47
MW - 7	Jose	05/05/14	3498.33	-	28.59	29.23	0.64	3469.64
MW - 7	Manny	05/14/14	3498.33	-	28.72	29.32	0.60	3469.52
MW - 7	David F.	05/22/14	3498.33	-	28.77	29.34	0.57	3469.47
MW - 7	Manny	05/28/14	3498.33	-	28.77	29.47	0.70	3469.46
MW - 7	Manny	06/02/14	3498.33	-	28.87	29.42	0.55	3469.38
MW - 7	Manny	06/12/14	3498.33	-	29.16	29.80	0.64	3469.07
MW - 7	Manny	06/17/14	3498.33	-	29.17	29.57	0.40	3469.10
MW - 7	Manny	06/25/14	3498.33	-	29.25	29.80	0.55	3469.00
MW - 7	Manny	06/30/14	3498.33	-	29.25	29.65	0.40	3469.02
MW - 7	Manny	07/11/14	3498.33	-	29.34	30.20	0.86	3468.86
MW - 7	Manny	07/14/14	3498.33	-	29.33	29.86	0.53	3468.92
MW - 7	Manny	07/22/14	3498.33	-	29.40	29.82	0.42	3468.87
MW - 7	Manny	07/23/14	3498.33	-	29.40	29.82	0.42	3468.87
MW - 7	Manny	08/05/14	3498.33	-	29.47	30.20	0.73	3468.75
MW - 7	Manny	08/12/14	3498.33	-	29.55	30.33	0.78	3468.66
MW - 7	David F.	08/13/14	3498.33	-	29.54	30.19	0.65	3468.69
MW - 7	David F.	08/27/14	3498.33	-	29.68	30.62	0.94	3468.51
MW - 7	Manny	09/17/14	3498.33	-	29.20	30.10	0.90	3469.00
MW - 7	Manny	09/23/14	3498.33	-	28.87	29.43	0.56	3469.38
MW - 7	Manny	10/10/14	3498.33	-	28.23	28.52	0.29	3470.06
MW - 7	Manny	10/15/14	3498.33	-	28.13	28.41	0.28	3470.16
MW - 7	Manny	10/16/14	3498.33	-	27.39	27.67	0.28	3470.90
MW - 7	Manny	10/24/14	3498.33	-	28.04	28.63	0.59	3470.20
MW - 7		10/27/14	3498.33	-	27.88	28.44	0.56	3470.37
MW - 7	Chance	10/28/14	3498.33	-	-	-	-	-
MW - 7	Manny	11/04/14	3498.33	-	27.97	29.02	1.05	3470.20
MW - 7	Manny	11/06/14	3498.33	-	27.93	29.90	1.97	3470.10
MW - 7	Manny	11/11/14	3498.33	-	27.94	28.79	0.85	3470.26
MW - 7	Manny	11/18/14	3498.33	-	27.90	28.67	0.77	3470.31
MW - 7	Manny	12/02/14	3498.33	-	27.60	28.86	1.26	3470.54
MW - 7	Manny	12/09/14	3498.33	-	27.58	28.64	1.06	3470.59
MW - 7	Manny	12/11/14	3498.33	-	27.59	28.43	0.84	3470.61
MW - 7	Manny	12/17/14	3498.33	-	27.49	28.31	0.82	3470.72

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7	Manny	12/23/14	3498.33	-	27.71	28.38	0.67	3470.52
MW - 7	Manny	12/30/14	3498.33	-	27.78	28.45	0.67	3470.45
MW - 7	Manny	01/06/15	3498.33	-	27.65	28.33	0.68	3470.58
MW - 7	Manny	01/07/15	3498.33	-	27.85	28.35	0.50	3470.41
MW - 7	Carlos	01/09/15	3498.33	-	27.65	27.74	0.09	3470.67
MW - 7	Manny	01/13/15	3498.33	-	27.61	28.32	0.71	3470.61
MW - 7	Manny	01/16/15	3498.33	-	27.50	28.30	0.80	3470.71
MW - 7	Manny	01/21/15	3498.33	-	27.49	28.25	0.76	3470.73
MW - 7	Manny	01/26/15	3498.33	-	27.58	28.26	0.68	3470.65
MW - 7	Manny	02/03/15	3498.33	-	27.43	28.45	1.02	3470.75
MW - 7	Carlos	02/05/15	3498.33	-	27.60	28.22	0.62	3470.64
MW - 7	Carlos	02/16/15	3498.33	-	27.51	28.29	0.78	3470.70
MW - 7	Manny	02/17/15	3498.33	-	27.57	28.25	0.68	3470.66
MW - 7	Manny/Art	03/04/15	3498.33	-	27.44	28.59	1.15	3470.72
MW - 7	Manny	03/06/15	3498.33	-	27.44	28.20	0.76	3470.78
MW - 7	Manny	03/10/15	3498.33	-	27.43	28.23	0.80	3470.78
MW - 7	Manny/Art	03/12/15	3498.33	-	27.48	28.20	0.72	3470.74
MW - 7	Manny	03/16/15	3498.33	-	27.38	28.12	0.74	3470.84
MW - 7	Manny/Art	03/18/15	3498.33	-	27.31	27.91	0.60	3470.93
MW - 7	Matt	03/23/15	3498.33	-	27.40	28.18	0.78	3470.81
MW - 7	Manny	03/25/15	3498.33	-	27.30	27.97	0.67	3470.93
MW - 7	Manny	03/31/15	3498.33	-	27.28	28.03	0.75	3470.94
MW - 7	Manny	04/03/15	3498.33	-	27.53	28.16	0.63	3470.71
MW - 7	Carlos/Matt	04/06/15	3498.33	-	27.30	27.90	0.60	3470.94
MW - 7	Manny	04/09/15	3498.33	-	27.36	27.95	0.59	3470.88
MW - 7	Manny	04/13/15	3498.33	-	27.33	27.96	0.63	3470.91
MW - 7	Manny/Art	04/16/15	3498.33	-	27.23	27.53	0.30	3471.06
MW - 7	Manny	04/22/15	3498.33	-	27.18	27.47	0.29	3471.11
MW - 7	Manny/Art	04/24/15	3498.33	-	27.21	27.48	0.27	3471.08
MW - 7	Arthur	05/01/15	3498.33	-	27.24	27.50	0.26	3471.05
MW - 7	Matt	05/11/15	3498.33	-	27.29	27.60	0.31	3470.99
MW - 7	Manny	05/14/15	3498.33	-	27.12	27.32	0.20	3471.18
MW - 7	Manny/Arthur	05/21/15	3498.33	-	27.10	27.31	0.21	3471.20
MW - 7	Arthur	05/29/15	3498.33	-	27.07	27.27	0.20	3471.23
MW - 7	Manny	06/03/15	3498.33	-	26.98	27.18	0.20	3471.32
MW - 7	Manny	06/04/15	3498.33	-	27.09	27.21	0.12	3471.22
MW - 7	Manny	06/09/15	3498.33	-	27.03	27.22	0.19	3471.27
MW - 7	Carlos	06/17/15	3498.33	-	27.13	27.32	0.19	3471.17
MW - 7	Manny	06/18/15	3498.33	-	27.12	27.31	0.19	3471.18
MW - 7	Carlos	06/23/15	3498.33	-	27.18	27.37	0.19	3471.12
MW - 7	Carlos	06/29/15	3498.33	-	27.12	27.36	0.24	3471.17
MW - 7	Manny	07/01/15	3498.33	-	27.11	27.32	0.21	3471.19
MW - 7	Manny	07/07/15	3498.33	-	27.26	27.53	0.27	3471.03
MW - 7	Manny/Arthur	07/09/15	3498.33	-	27.24	27.36	0.12	3471.07
MW - 7	Manny/Arthur	07/13/15	3498.33	-	27.22	27.37	0.15	3471.09
MW - 7	Manny	07/15/15	3498.33	-	27.27	27.45	0.18	3471.03
MW - 7	Carlos/Matt	07/20/15	3498.33	-	27.35	27.52	0.17	3470.95
MW - 7	Arthur	07/21/15	3498.33	-	27.43	27.55	0.12	3470.88
MW - 7	Manny/Arthur	07/28/15	3498.33	-	27.48	27.66	0.18	3470.82
MW - 7	Manny	07/30/15	3498.33	-	27.61	27.79	0.18	3470.69
MW - 7	Carlos	08/03/15	3498.33	-	27.56	27.69	0.13	3470.75
MW - 7	Manny/Arthur	08/04/15	3498.33	-	27.60	27.81	0.21	3470.70
MW - 7	Manny	08/07/15	3498.33	-	27.60	27.85	0.25	3470.69
MW - 7	Manny	08/11/15	3498.33	-	27.67	28.00	0.33	3470.61
MW - 7	Carlos	08/12/15	3498.33	-	27.70	27.95	0.25	3470.59
MW - 7	Carlos	08/18/15	3498.33	-	27.58	27.82	0.24	3470.71
MW - 7	Manny	08/20/15	3498.33	-	27.67	27.93	0.26	3470.62
MW - 7	Manny	08/25/15	3498.33	-	27.68	27.98	0.30	3470.61
MW - 7	Carlos	08/26/15	3498.33	-	27.70	27.94	0.24	3470.59
MW - 7	Manny	08/31/15	3498.33	-	27.56	27.79	0.23	3470.74
MW - 7	Manny/Arthur	09/02/15	3498.33	-	27.56	27.90	0.34	3470.72
MW - 7	Manny	09/09/15	3498.33	-	27.57	27.77	0.20	3470.73
MW - 7	Manny	09/15/15	3498.33	-	27.62	27.85	0.23	3470.68

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7	Manny	09/21/15	3498.33	-	27.71	28.11	0.40	3470.56
MW - 7	Manny	10/01/15	3498.33	-	27.72	28.16	0.44	3470.54
MW - 7	Manny	10/05/15	3498.33	-	27.76	28.20	0.44	3470.50
MW - 7	Manny	10/08/15	3498.33	-	27.66	28.11	0.45	3470.60
MW - 7	Manny	10/12/15	3498.33	-	27.62	27.97	0.35	3470.66
MW - 7	Manny	10/15/15	3498.33	-	27.59	27.91	0.32	3470.69
MW - 7	Manny	10/21/15	3498.33	-	27.46	27.70	0.24	3470.83
MW - 7	Manny	10/22/15	3498.33	-	27.43	27.60	0.17	3470.87
MW - 7	Manny	10/27/15	3498.33	-	27.38	27.62	0.24	3470.91
MW - 7	Manny	11/05/15	3498.33	-	27.39	27.61	0.22	3470.91
MW - 7	Carlos	11/11/15	3498.33	-	27.33	27.54	0.21	3470.97
MW - 7	Manny	11/17/15	3498.33	-	27.21	27.43	0.22	3471.09
MW - 7	Manny	11/25/15	3498.33	-	27.23	27.48	0.25	3471.06
MW - 7	Manny	12/01/15	3498.33	-	27.19	27.43	0.24	3471.10
MW - 7	Carlos	12/03/15	3498.33	-	27.30	27.50	0.20	3471.00
MW - 7	Manny	12/07/15	3498.33	-	27.22	27.39	0.17	3471.08
MW - 7	Carlos	12/09/15	3498.33	-	27.11	27.30	0.19	3471.19
MW - 7	Manny	12/15/15	3498.33	-	27.17	27.42	0.25	3471.12
MW - 7	Manny	12/24/15	3498.33	-	27.06	27.32	0.26	3471.23
MW - 7	Manny	01/04/16	3498.33	-	27.13	27.41	0.28	3471.16
MW - 7	Manny	01/06/16	3498.33	-	27.04	27.25	0.21	3471.26
MW - 7	Manny	01/11/16	3498.33	-	27.18	27.43	0.25	3471.11
MW - 7	Carlos	01/13/16	3498.33	-	27.10	27.30	0.20	3471.20
MW - 7	Manny	01/15/16	3498.33	-	27.08	27.32	0.24	3471.21
MW - 7	Manny	01/18/16	3498.33	-	27.15	27.43	0.28	3471.14
MW - 7	Manny	01/27/16	3498.33	-	27.11	27.35	0.24	3471.18
MW - 7	Carlos	01/29/16	3498.33	-	27.05	27.16	0.11	3471.26
MW - 7	Carlos	02/02/16	3498.33	-	27.14	27.24	0.10	3471.18
MW - 7	Carlos	02/04/16	3498.33	-	27.16	27.23	0.07	3471.16
MW - 7	Manny	02/08/16	3498.33	-	27.20	27.41	0.21	3471.10
MW - 7	Manny	02/10/16	3498.33	-	27.11	27.23	0.12	3471.20
MW - 7	Carlos	02/17/16	3498.33	-	27.02	27.19	0.17	3471.28
MW - 7	Manny	02/19/16	3498.33	-	27.11	27.26	0.15	3471.20
MW - 7	Manny	03/01/16	3498.33	-	27.08	27.32	0.24	3471.21
MW - 7	James	03/03/16	3498.33	-	27.12	27.30	0.18	3471.18
MW - 7	Manny	03/10/16	3498.33	-	27.07	27.36	0.29	3471.22
MW - 7	Carlos	03/11/16	3498.33	-	27.06	27.25	0.19	3471.24
MW - 7	Manny	03/14/16	3498.33	-	27.05	27.25	0.20	3471.25
MW - 7	Manny	03/16/16	3498.33	-	27.01	27.21	0.20	3471.29
MW - 7	Manny	03/21/16	3498.33	-	26.97	27.16	0.19	3471.33
MW - 7	Manny	03/29/16	3498.33	-	26.84	27.05	0.21	3471.46
MW - 7	Manny	04/05/16	3498.33	-	26.89	27.15	0.26	3471.40
MW - 7	Manny	04/12/16	3498.33	-	26.91	27.10	0.19	3471.39
MW - 7	Manny	04/15/16	3498.33	-	26.75	26.92	0.17	3471.55
MW - 7	Manny	04/19/16	3498.33	-	26.80	26.97	0.17	3471.50
MW - 7	Manny	04/29/16	3498.33	-	26.77	26.97	0.20	3471.53
MW - 7	Carlos	05/04/16	3498.33	-	26.83	26.98	0.15	3471.48
MW - 7	Manny	05/13/16	3498.33	-	26.89	27.06	0.17	3471.41
MW - 7	Manny	05/18/16	3498.33	-	26.91	27.29	0.38	3471.36
MW - 7	Manny	05/25/16	3498.33	-	26.89	27.02	0.13	3471.42
MW - 7	Carlos	06/02/16	3498.33	-	27.01	27.16	0.15	3471.30
MW - 7	Carlos	06/06/16	3498.33	-	26.99	27.14	0.15	3471.32
MW - 7	Manny	06/23/16	3498.33	-	27.24	27.47	0.23	3471.06
MW - 7	Manny	06/28/16	3498.33	-	27.32	27.58	0.26	3470.97
MW - 7	Carlos	07/05/16	3498.33	-	27.40	27.64	0.24	3470.89
MW - 7	Carlos	07/14/16	3498.33	-	27.57	27.89	0.32	3470.71
MW - 7	Carlos	07/21/16	3498.33	-	27.70	28.07	0.37	3470.57
MW - 7	Carlos	07/25/16	3498.33	-	27.74	28.06	0.32	3470.54
MW - 7	Carlos	08/01/16	3498.33	-	27.80	28.28	0.48	3470.46
MW - 7	Carlos	08/09/16	3498.33	-	27.94	28.39	0.45	3470.32
MW - 7	Wes	08/15/16	3498.33	-	27.98	28.32	0.34	3470.30
MW - 7	Manny/Wes	08/18/16	3498.33	-	27.94	28.30	0.36	3470.34
MW - 7	Carlos	08/22/16	3498.33	-	28.00	28.44	0.44	3470.26

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7	Carlos	08/31/16	3498.33	-	27.72	28.13	0.41	3470.55
MW - 7	Carlos	09/06/16	3498.33	-	27.31	27.67	0.36	3470.97
MW - 7	Carlos	09/12/16	3498.33	-	26.92	27.25	0.33	3471.36
MW - 7	Carlos	09/19/16	3498.33	-	26.69	27.02	0.33	3471.59
MW - 7	Wesley	09/26/16	3498.33	-	26.54	26.77	0.23	3471.76
MW - 7	Manny	10/06/16	3498.33	-	26.29	26.56	0.27	3472.00
MW - 7	Carlos	10/17/16	3498.33	-	26.13	26.33	0.20	3472.17
MW - 7	Wesley	10/25/16	3498.33	34.95	26.18	26.37	0.19	3472.12
MW - 7	Carlos	11/03/16	3498.33	-	26.30	26.52	0.22	3472.00
MW - 7	Carlos	11/08/16	3498.33	-	26.23	26.46	0.23	3472.07
MW - 7	Carlos	11/15/16	3498.33	-	26.10	26.33	0.23	3472.20
MW - 7	Manny	11/22/16	3498.33	-	26.08	26.34	0.26	3472.21
MW - 7	Carlos	12/05/16	3498.33	-	26.13	26.40	0.27	3472.16
MW - 7	Wesley	12/13/16	3498.33	-	-	26.12	0.00	3472.21
MW - 7	Carlos	12/22/16	3498.33	-	26.06	26.31	0.25	3472.23
MW - 7	Carlos	12/27/16	3498.33	-	26.12	26.39	0.27	3472.17
MW - 7	Carlos	01/04/17	3498.33	-	25.97	26.26	0.29	3472.32
MW - 7	Carlos	01/13/17	3498.33	-	26.20	26.48	0.28	3472.09
MW - 7	Carlos	01/17/17	3498.33	-	26.06	26.35	0.29	3472.23
MW - 7	Carlos	01/24/17	3498.33	-	25.96	26.24	0.28	3472.33
MW - 7	Carlos	01/31/17	3498.33	-	25.98	26.27	0.29	3472.31
MW - 7	Carlos	02/07/17	3498.33	-	26.01	26.28	0.27	3472.28
MW - 7	Wesley	02/16/17	3498.33	-	25.88	26.11	0.23	3472.42
MW - 7	Carlos	02/20/17	3498.33	-	26.08	26.28	0.20	3472.22
MW - 7	Carlos	03/01/17	3498.33	-	25.98	26.19	0.21	3472.32
MW - 7	Carlos	03/06/17	3498.33	-	25.86	26.07	0.21	3472.44
MW - 7	Carlos	03/14/17	3498.33	-	25.93	26.16	0.23	3472.37
MW - 7	Carlos	03/24/17	3498.33	-	25.95	26.14	0.19	3472.35
MW - 7	Manny	03/31/17	3498.33	-	25.84	26.08	0.24	3472.45
MW - 7	Carlos	04/04/17	3498.33	-	25.83	26.03	0.20	3472.47
MW - 7	Manny	04/13/17	3498.33	-	-	-	-	-
MW - 7	Manny/ Jeremy	04/19/17	3498.33	-	25.82	26.03	0.21	3472.48
MW - 7	Manny	04/28/17	3498.33	-	25.74	25.94	0.20	3472.56
MW - 7	Jeremy	05/01/17	3498.33	-	25.94	26.12	0.18	3472.36
MW - 7	Jeremy	05/23/17	3498.33	-	26.05	26.15	0.10	3472.27
MW - 7	Manny	06/01/17	3498.33	-	25.98	26.13	0.15	3472.33
MW - 7	Jeremy	06/06/17	3498.33	-	26.07	26.23	0.16	3472.24
MW - 7	Jeremy	06/12/17	3498.33	-	26.07	26.23	0.16	3472.24
MW - 7	Manny	06/23/17	3498.33	-	26.27	26.38	0.11	3472.04
MW - 7	Jeremy	07/03/17	3498.33	-	26.33	26.44	0.11	3471.98
MW - 7	Manny	07/14/17	3498.33	-	26.58	26.73	0.15	3471.73
MW - 7	Manny	07/19/17	3498.33	-	26.58	26.65	0.07	3471.74
MW - 7	Jeremy	07/25/17	3498.33	-	26.59	26.69	0.10	3471.73
MW - 7	Jeremy	08/15/17	3498.33	-	26.33	26.44	0.11	3471.98
MW - 7	Jeremy	08/21/17	3498.33	-	26.51	26.63	0.12	3471.80
MW - 7	Manny	08/30/17	3498.33	-	26.23	26.36	0.13	3472.08
MW - 7	Jeremy	09/06/17	3498.33	-	26.19	26.47	0.28	3472.10
MW - 7	Jeremy	09/12/17	3498.33	-	26.17	26.43	0.26	3472.12
MW - 7	Manny	09/27/17	3498.33	-	26.35	26.50	0.15	3471.96
MW - 7	Jeremy	10/04/17	3498.33	-	25.22	25.31	0.09	3473.10
MW - 7	Manny	10/11/17	3498.33	-	26.14	26.29	0.15	3472.17
MW - 7	Jeremy	10/17/17	3498.33	-	26.08	26.18	0.10	3472.24
MW - 7	Jeremy	10/23/17	3498.33	-	26.07	26.19	0.12	3472.24
MW - 7	Jeremy	10/30/17	3498.33	-	27.07	27.17	0.10	3471.25
MW - 7	Manny	11/10/17	3498.33	-	26.01	26.25	0.24	3472.28
MW - 7	Manny/ Jeremy	11/15/17	3498.33	-	26.09	26.17	0.08	3472.23
MW - 7	Manny	11/20/17	3498.33	-	25.88	25.98	0.10	3472.44
MW - 7	Manny	11/30/17	3498.33	-	26.06	26.19	0.13	3472.25
MW - 7	Jeremy	12/04/17	3498.33	-	25.91	26.01	0.10	3472.41
MW - 7	Manny	12/11/17	3498.33	-	25.93	26.05	0.12	3472.38
MW - 7	Manny	12/14/17	3498.33	33.97	26.02	26.12	0.10	3472.30
MW - 7	Jeremy	12/22/17	3498.33	-	26.07	26.14	0.07	3472.25
MW - 7	Manny	12/27/17	3498.33	-	26.14	26.28	0.14	3472.17

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7	Jerermy	12/29/17	3498.33	-	26.06	26.14	0.08	3472.26
MW - 7	Jeremy	01/02/18	3498.33	-	26.05	26.13	0.08	3472.27
MW - 7	Manny	01/12/18	3498.33	-	26.02	26.13	0.11	3472.29
MW - 7	Jeremy	01/17/18	3498.33	-	26.01	26.07	0.06	3472.31
MW - 7	Jeremy	01/23/18	3498.33	-	26.07	26.14	0.07	3472.25
MW - 7	Jeremy	01/29/18	3498.33	-	26.09	26.19	0.10	3472.23
MW - 7	Jeremy	02/05/18	3498.33	-	25.93	26.02	0.09	3472.39
MW - 7	Jeremy	02/14/18	3498.33	-	25.98	26.05	0.07	3472.34
MW - 7	Jeremy	02/19/18	3498.33	-	26.03	26.09	0.06	3472.29
MW - 7	Manny	03/02/18	3498.33	-	26.05	26.16	0.11	3472.26
MW - 7	Manny	03/09/18	3498.33	-	25.91	26.01	0.10	3472.41
MW - 7	Manny	03/13/18	3498.33	-	26.03	26.12	0.09	3472.29
MW - 7	Manny	03/13/18	3498.33	-	25.93	26.03	0.10	3472.39
MW - 7	Jeremy	03/28/18	3498.33	-	25.97	26.06	0.09	3472.35
MW - 7	Jeremy	04/05/18	3498.33	-	25.97	26.02	0.05	3472.35
MW - 7	Manny	04/13/18	3498.33	-	25.94	26.05	0.11	3472.37
MW - 7	Manny	04/19/18	3498.33	-	26.03	26.12	0.09	3472.29
MW - 7	Manny	04/24/18	3498.33	-	25.93	26.03	0.10	3472.39
MW - 7	Jeremy	04/27/18	3498.33	-	26.08	26.14	0.06	3472.24
MW - 7	Manny	05/04/18	3498.33	-	26.13	26.22	0.09	3472.19
MW - 7	Manny	05/11/18	3498.33	-	25.98	26.09	0.11	3472.33
MW - 7	Jeremy	05/16/18	3498.33	-	26.11	26.19	0.08	3472.21
MW - 7	Manny	05/25/18	3498.33	-	26.24	26.34	0.10	3472.08
MW - 7	Manny	06/01/18	3498.33	-	26.38	26.47	0.09	3471.94
MW - 7	Manny	06/05/18	3498.33	-	26.33	26.39	0.06	3471.99
MW - 7	Jeremy	06/15/18	3498.33	-	-	26.55	0.00	3471.78
MW - 7	Jeremy	06/19/18	3498.33	-	-	26.57	0.00	3471.76
MW - 7	Manny	06/26/18	3498.33	-	-	26.70	0.00	3471.63
MW - 7	Jeremy	06/29/18	3498.33	-	-	26.72	0.00	3471.61
MW - 7	Manny	07/02/18	3498.33	-	-	27.06	0.00	3471.27
MW - 7	Manny	07/10/18	3498.33	-	26.83	26.86	0.03	3471.50
MW - 7	Manny	07/16/18	3498.33	-	-	26.95	0.00	3471.38
MW - 7	Manny	07/24/18	3498.33	-	27.10	27.13	0.03	3471.23
MW - 7	Manny	07/31/18	3498.33	-	-	27.15	0.00	3471.18
MW - 7	Manny	08/10/18	3498.33	-	-	26.00	0.00	3472.33
MW - 7	Jeremy	08/15/18	3498.33	33.39	-	27.32	0.00	3471.01
MW - 7	Jeremy	08/23/18	3498.33	-	-	27.18	0.00	3471.15
MW - 7	Manny	08/31/18	3498.33	-	-	27.32	0.00	3471.01
MW - 7	Jeremy	09/05/18	3498.33	-	-	27.40	0.00	3470.93
MW - 7	Jeremy	09/10/18	3498.33	-	-	27.21	0.00	3471.12
MW - 7	Manny	09/27/18	3498.33	-	-	27.10	0.00	3471.23
MW - 7	Manny	09/21/18	3498.33	-	-	26.16	0.00	3472.17
MW - 7	Manny	10/05/18	3498.33	-	-	27.00	0.00	3471.33
MW - 7	Jeremy	10/08/18	3498.33	-	-	26.99	0.00	3471.34
MW - 7	Manny	10/11/18	3498.33	-	-	27.06	0.00	3471.27
MW - 7	Manny	10/15/18	3498.33	-	-	27.00	0.00	3471.33
MW - 7	Manny	10/19/18	3498.33	-	-	27.01	0.00	3471.32
MW - 7	Manny	10/26/18	3498.33	-	26.91	26.95	0.04	3471.41
MW - 7	Manny	11/02/18	3498.33	-	26.80	26.81	0.01	3471.53
MW - 7	Manny	11/06/18	3498.33	-	-	26.78	0.00	3471.55
MW - 7	Manny	11/13/18	3498.33	-	26.94	26.95	0.01	3471.39
MW - 7	Manny	11/21/18	3498.33	-	-	26.95	0.00	3471.38
MW - 7	Jeremy	11/29/18	3498.33	33.65	-	26.63	0.00	3471.70
MW - 7	manny/elias	12/07/18	3498.33	-	-	26.70	0.00	3471.63
MW - 7	manny/elias	12/14/18	3498.33	-	26.72	26.74	0.02	3471.61
MW - 7	manny/elias	12/20/18	3498.33	-	-	26.69	0.00	3471.64
MW - 7	manny/elias	12/28/18	3498.33	-	-	26.71	0.00	3471.62
MW - 7	manny/elias	12/31/18	3498.33	-	-	-	-	-
MW - 7	manny/elias	01/03/19	3498.33	-	-	26.54	0.00	3471.79
MW - 7	Manny/Elias	01/11/19	3498.33	-	-	26.43	0.00	3471.90
MW - 7	manny/elias	01/15/19	3498.33	-	-	26.51	0.00	3471.82
MW - 7	manny/elias	01/23/19	3498.33	-	-	26.51	0.00	3471.82
MW - 7	Manny/Elias	01/29/19	3498.33	-	-	26.55	0.00	3471.78

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7	manny/elias	02/07/19	3498.33	-	-	26.72	0.00	3471.61
MW - 7	manny/elias	02/14/19	3498.33	-	-	26.50	0.00	3471.83
MW - 7	Manny/Elias	03/05/19	3498.33	33.80	-	26.60	0.00	3471.73
MW - 7	manny/elias	03/11/19	3498.33	-	-	26.62	0.00	3471.71
MW - 7	Manny/Elias	03/27/19	3498.33	-	-	26.37	0.00	3471.96
MW - 7	manny/elias	03/29/19	3498.33	-	-	26.38	0.00	3471.95
MW - 7	manny/elias	04/02/19	3498.33	-	-	26.33	0.00	3472.00
MW - 7	manny/elias	04/12/19	3498.33	-	-	26.32	0.00	3472.01
MW - 7	manny/elias	04/18/19	3498.33	-	-	26.39	0.00	3471.94
MW - 7	manny/elias	04/25/19	3498.33	-	-	26.39	0.00	3471.94
MW - 7	Elias	05/02/19	3498.33	-	-	26.44	0.00	3471.89
MW - 7	Manny	05/10/19	3498.33	-	-	26.45	0.00	3471.88
MW - 7	Manny/Elias	05/14/19	3498.33	33.80	-	26.36	0.00	3471.97
MW - 7	Manny/Elias	05/20/19	3498.33	-	-	26.28	0.00	3472.05
MW - 7	Manny/Elias	05/27/19	3498.33	-	-	26.39	0.00	3471.94
MW - 7	Manny/Elias	06/06/19	3498.33	-	-	26.56	0.00	3471.77
MW - 7	Manny/Elias	06/07/19	3498.33	-	-	26.56	0.00	3471.77
MW - 7	Manny/Elias	06/13/19	3498.33	-	-	26.57	0.00	3471.76
MW - 7	Manny/Elias	06/19/19	3498.33	-	-	26.65	0.00	3471.68
MW - 7	Manny/Elias	07/01/19	3498.33	-	-	26.82	0.00	3471.51
MW - 7	Manny/Elias	07/09/19	3498.33	-	-	26.90	0.00	3471.43
MW - 7	Manny/Elias	07/17/19	3498.33	-	-	26.96	0.00	3471.37
MW - 7	Manny/Elias	07/19/19	3498.33	-	-	26.98	0.00	3471.35
MW - 7	Manny/Elias	07/23/19	3498.33	-	-	27.35	0.00	3470.98
MW - 7	Manny/Elias	07/31/19	3498.33	-	27.09	27.11	0.02	3471.24
MW - 7	Manny/Elias	08/06/19	3498.33	-	-	27.19	0.00	3471.14
MW - 7	Manny/Elias	08/14/19	3498.33	-	-	27.40	0.00	3470.93
MW - 7	Manny/Elias	08/22/19	3498.33	-	27.05	27.34	0.29	3471.24
MW - 7	Manny/Elias	08/30/19	3498.33	-		27.43	0.00	3470.90
MW - 7	Elias	09/10/19	3498.33	34.25	-	27.41	0.00	3470.92
MW - 7	Elias	09/20/19	3498.33	-	-	27.45	0.00	3470.88
MW - 7	Manny	09/23/19	3498.33	-	-	27.39	0.00	3470.94
MW - 7	Manny	10/02/19	3498.33	-	-	27.28	0.00	3471.05
MW - 7	Manny	10/04/19	3498.33	-	-	27.28	0.00	3471.05
MW - 7	Manny	10/09/19	3498.33	-	-	27.00	0.00	3471.33
MW - 7	Manny	10/16/19	3498.33	-	-	27.11	0.00	3471.22
MW - 7	Manny	10/23/19	3498.33	-	-	26.99	0.00	3471.34
MW - 7	Manny	11/01/19	3498.33	-	-	26.96	0.00	3471.37
MW - 7	Manny	11/04/19	3498.33	-	-	26.93	0.00	3471.40
MW - 7	Manny	11/12/19	3498.33	-	-	26.91	0.00	3471.42
MW - 7	Manny	11/21/19	3498.33	-	-	26.77	0.00	3471.56
MW - 7	Elias	12/04/19	3498.33	34.13	-	26.69	0.00	3471.64
MW - 7	Manny	12/10/19	3498.33	-	26.80	26.81	0.01	3471.53
MW - 7	Elias	12/16/19	3498.33	-	-	26.89	0.00	3471.44
MW - 7	Elias	12/30/19	3498.33	-	26.70	26.71	0.01	3471.63
MW - 7	Elias	01/09/20	3498.33	-	26.58	26.59	0.01	3471.75
MW - 7	Elias	01/14/20	3498.33	-	-	26.63	0.00	3471.70
MW - 7	Elias	01/23/20	3498.33	-	-	26.65	0.00	3471.68
MW - 7	Elias	01/30/20	3498.33	-	-	26.58	0.00	3471.75
MW - 7	Elias	02/03/20	3498.33	-	-	26.44	0.00	3471.89
MW - 7	Elias	02/13/20	3498.33	34.02	-	26.50	0.00	3471.83
MW - 7	Manny	02/19/20	3498.33	-	-	26.58	0.00	3471.75
MW - 7	Manny	02/24/20	3498.33	-	-	26.40	0.00	3471.93
MW - 7	Manny	03/05/20	3498.33	-	-	26.69	0.00	3471.64
MW - 7	Manny	03/13/20	3498.33	-	-	26.47	0.00	3471.86
MW - 7	Manny	05/15/20	3498.33	-	-	26.21	0.00	3472.12
MW - 7	Manny	06/19/20	3498.33	-	26.69	26.71	0.02	3471.64
MW - 7	Manny	06/25/20	3498.33	33.58	-	26.82	0.00	3471.51
MW - 7	Manny	07/23/20	3498.33	-	27.22	27.29	0.07	3471.10
MW - 7	Manny	07/28/20	3498.33	-	27.28	27.31	0.03	3471.05
MW - 7	Manny	08/10/20	3498.33	-	27.28	27.32	0.04	3471.04
MW - 7	Manny	08/19/20	3498.33	-	27.39	27.40	0.01	3470.94
MW - 7	Manny	09/11/20	3498.33	-	27.56	27.61	0.05	3470.76

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7	Manny	09/29/20	3498.33	-	27.65	27.75	0.10	3470.67
MW - 7	Manny	10/13/20	3498.33	-	-	27.67	0.00	3470.66
MW - 7	Manny	10/30/20	3498.33	-	-	27.65	0.00	3470.68
MW - 7	Manny	11/11/20	3498.33	-	27.64	27.65	0.01	3470.69
MW - 7	Manny	12/14/20	3498.33	-	27.55	27.61	0.06	3470.77
MW - 7	Manny	12/30/20	3498.33	-	27.64	27.65	0.01	3470.69
MW - 7	Manny	01/15/21	3498.33	-	27.64	27.68	0.04	3470.68
MW - 7	Manny	01/21/21	3498.33	-	27.48	27.49	0.01	3470.85
MW - 7	Manny	02/23/21	3498.33	-	27.58	27.72	0.14	3470.73
MW - 7	Manny	03/05/21	3498.33	-	-	27.70	0.00	3470.63
MW - 7	Manny	03/18/21	3498.33	-	27.69	27.79	0.10	3470.63
MW - 7	Manny	04/16/21	3498.33	-	27.59	27.77	0.18	3470.71
MW - 7	Manny	05/20/21	3498.33	-	27.50	27.92	0.42	3470.77
MW - 7	Manny	05/28/21	3498.33	-	27.63	27.75	0.12	3470.68
MW - 7	Manny	07/26/21	3498.33	-	27.74	28.40	0.66	3470.49
MW - 7	Manny	07/27/21	3498.33	-	27.74	28.40	0.66	3470.49
MW - 7	Manny	09/29/21	3498.33	-	27.86	29.02	1.16	3470.30
MW - 7	Manny	10/13/21	3498.33	-	27.90	28.82	0.92	3470.29
MW - 7	Manny	11/24/21	3498.33	-	27.85	28.75	0.90	3470.35
MW - 7	Manny	12/01/21	3498.33	-	27.88	28.48	0.60	3470.36
MW - 7	Manny	01/14/22	3498.33	-	27.94	28.70	0.76	3470.28
MW - 7	Manny	02/16/22	3498.33	-	27.77	28.24	0.47	3470.49
MW - 7	Manny	03/04/22	3498.33	-	27.87	28.55	0.68	3470.36
MW - 7	Manny	03/17/22	3498.33	-	27.84	28.66	0.82	3470.37
MW - 7	Manny	04/06/22	3498.33	-	28.05	29.30	1.25	3470.09
MW - 7	Manny	04/28/22	3498.33	-	27.90	28.64	0.74	3470.32
MW - 7	Manny	06/02/22	3498.33	-	28.31	29.81	1.50	3469.80
MW - 7	Manny	06/28/22	3498.33	-	28.52	30.28	1.76	3469.55
MW - 7	Manny	07/18/22	3498.33	-	28.75	30.30	1.55	3469.35
MW - 7	Manny	08/24/22	3498.33	-	29.07	30.60	1.53	3469.03
MW - 7	Manny	08/25/22	3498.33	-	29.07	30.60	1.53	3469.03
MW - 7	Manny	09/29/22	3498.33	-	28.61	29.85	1.24	3469.53
MW - 7	Manny	10/14/22	3498.33	-	28.61	30.25	1.64	3469.47
MW - 7	Manny	10/19/22	3498.33	-	28.90	29.35	0.45	3469.36
MW - 7	Manny	11/01/22	3498.33	-	28.56	29.79	1.23	3469.59
MW - 7	Manny	12/09/22	3498.33	-	28.30	29.88	1.58	3469.79
MW - 7	Manny	01/05/23	3498.33	-	28.30	29.92	1.62	3469.79
MW - 7	Manny	02/17/23	3498.33	-	28.35	30.00	1.65	3469.73
MW - 7	Manny	03/08/23	3498.33	-	28.43	29.55	1.12	3469.73
MW - 7	Manny	03/09/23	3498.33	-	28.43	29.55	1.12	3469.73
MW - 7	Manny	03/30/23	3498.33	-	28.00	29.60	1.60	3470.09
MW - 7	Manny	04/06/23	3498.33	-	28.25	29.70	1.45	3469.86
MW - 7	Manny	04/19/23	3498.33	-	28.02	29.45	1.43	3470.10
MW - 7	Manny	05/01/23	3498.33	-	28.02	29.28	1.26	3470.12
MW - 7	Manny	05/03/23	3498.33	-	28.02	29.28	1.26	3470.12
MW - 7	Manny	05/19/23	3498.33	-	28.95	29.58	0.63	3469.29
MW - 7	Manny	06/23/23	3498.33	-	28.10	29.80	1.70	3469.98
MW - 7	Manny	07/25/23	3498.33	-	28.82	31.00	2.18	3469.18
MW - 7	Manny	08/30/23	3498.33	-	29.10	31.45	2.35	3468.88
MW - 7	Manny	09/08/23	3498.33	-	29.09	31.15	2.06	3468.93
MW - 7	Manny	10/19/23	3498.33	-	28.79	30.58	1.79	3469.27
MW - 7		11/03/23	3498.33	-	28.55	30.40	1.85	3469.50
MW - 7		11/28/23	3498.33	-	28.50	30.27	1.77	3469.56
MW - 7		01/10/24	3498.33	-	28.30	30.92	2.62	3469.64
MW - 7		02/26/24	3498.33	-	28.15	30.27	2.12	3469.86
MW - 7		03/13/24	3498.33	-	28.11	29.86	1.75	3469.96
MW - 7		03/25/24	3498.33	-	28.17	29.97	1.80	3469.89
MW - 7		04/09/24	3498.33	-	28.15	30.17	2.02	3469.88
MW - 7		05/03/24	3498.33	-	28.22	30.01	1.79	3469.84
MW - 7		06/06/24	3498.33	-	28.69	31.00	2.31	3469.29
MW - 7		06/19/24	3498.33	-	29.07	30.90	1.83	3468.99
MW - 7		07/17/24	3498.33	-	28.24	32.02	3.78	3469.52
MW - 7		08/13/24	3498.33	-	29.56	32.06	2.50	3468.40

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7		09/10/24	3498.33	-	29.50	30.45	0.95	3468.69
MW - 7		10/09/24	3498.33	-	29.62	31.30	1.68	3468.46
MW - 7		11/13/24	3498.33	-	29.49	30.64	1.15	3468.67
MW - 7		11/22/24	3498.33	-	29.38	30.25	0.87	3468.82
MW - 7		12/23/24	3498.33	-	29.04	30.19	1.15	3469.12
MW - 8		06/07/02	3502.23	-	-	31.75	0.00	3470.48
MW - 8		09/27/02	3502.23	-	-	31.82	0.00	3470.41
MW - 8		12/04/02	3502.23	-	-	31.56	0.00	3470.67
MW - 8		02/25/03	3502.23	-	-	31.35	0.00	3470.88
MW - 8		05/22/03	3502.23	-	-	31.53	0.00	3470.70
MW - 8		08/26/03	3502.23	-	-	32.61	0.00	3469.62
MW - 8		11/25/03	3502.23	-	-	32.72	0.00	3469.51
MW - 8		02/10/04	3502.23	-	-	32.77	0.00	3469.46
MW - 8		05/10/04	3502.23	-	-	30.48	0.00	3471.75
MW - 8		08/25/04	3502.23	-	-	30.90	0.00	3471.33
MW - 8		12/01/04	3502.23	-	-	29.25	0.00	3472.98
MW - 8		03/10/05	3502.23	-	-	28.61	0.00	3473.62
MW - 8		06/10/05	3502.23	-	-	28.10	0.00	3474.13
MW - 8		09/09/05	3502.23	-	-	28.56	0.00	3473.67
MW - 8		12/05/05	3502.23	-	-	28.38	0.00	3473.85
MW - 8		03/09/06	3502.23	-	-	28.17	0.00	3474.06
MW - 8		09/15/06	3502.23	-	-	28.40	0.00	3473.83
MW - 8		11/29/06	3502.23	-	-	28.17	0.00	3474.06
MW - 8		02/26/07	3502.23	-	-	28.08	0.00	3474.15
MW - 8		05/21/07	3502.23	-	-	27.62	0.00	3474.61
MW - 8		08/16/07	3502.23	-	-	28.41	0.00	3473.82
MW - 8		11/07/07	3502.23	-	-	28.04	0.00	3474.19
MW - 8		02/12/08	3502.23	-	-	28.06	0.00	3474.17
MW - 8		05/15/08	3502.23	-	-	28.22	0.00	3474.01
MW - 8		08/18/08	3502.23	-	-	29.29	0.00	3472.94
MW - 8		11/13/08	3502.23	-	-	28.70	0.00	3473.53
MW - 8		02/11/09	3502.23	-	-	28.74	0.00	3473.49
MW - 8		05/13/09	3502.23	-	-	28.80	0.00	3473.43
MW - 8		08/11/09	3502.23	-	-	29.84	0.00	3472.39
MW - 8		11/23/09	3502.23	-	-	29.91	0.00	3472.32
MW - 8		01/05/10	3502.23	-	-	29.92	0.00	3472.31
MW - 8		02/10/10	3502.23	-	-	29.91	0.00	3472.32
MW - 8		05/25/10	3502.23	-	-	29.81	0.00	3472.42
MW - 8		08/13/10	3502.23	-	-	29.81	0.00	3472.42
MW - 8		11/17/10	3502.23	-	-	29.93	0.00	3472.30
MW - 8		02/22/11	3502.23	-	-	29.96	0.00	3472.27
MW - 8		05/17/11	3502.23	-	-	29.99	0.00	3472.24
MW - 8		08/11/11	3502.23	-	-	30.70	0.00	3471.53
MW - 8		11/08/11	3502.23	-	-	30.77	0.00	3471.46
MW - 8		03/01/12	3502.23	-	-	30.41	0.00	3471.82
MW - 8		05/23/12	3502.23	-	-	30.43	0.00	3471.80
MW - 8		08/09/12	3502.23	-	-	31.11	0.00	3471.12
MW - 8		11/19/12	3502.23	-	-	30.97	0.00	3471.26
MW - 8		02/12/13	3502.23	-	-	30.86	0.00	3471.37
MW - 8		05/15/13	3502.23	-	-	30.79	0.00	3471.44
MW - 8		08/07/13	3502.23	-	-	31.51	0.00	3470.72
MW - 8		11/27/13	3502.23	-	-	31.58	0.00	3470.65
MW - 8	John F.	02/10/14	3502.23	-	-	31.32	0.00	3470.91
MW - 8	David	05/22/14	3502.23	-	-	31.42	0.00	3470.81
MW - 8	Manny	07/22/14	3502.23	-	-	32.10	0.00	3470.13
MW - 8	David	08/13/14	3502.23	-	-	32.25	0.00	3469.98
MW - 8		10/27/14	3502.23	-	-	30.48	0.00	3471.75
MW - 8	Manny	11/06/14	3502.23	41.85	-	30.61	0.00	3471.62
MW - 8	Carlos	01/09/15	3502.23	-	-	30.24	0.00	3471.99
MW - 8	Manny	02/17/15	3502.23	-	-	30.16	0.00	3472.07
MW - 8	Manny	03/31/15	3502.23	-	-	29.87	0.00	3472.36
MW - 8	Manny	05/14/15	3502.23	-	-	29.61	0.00	3472.62

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 8	Manny/ Arthur	07/09/15	3502.23	-	-	29.87	0.00	3472.36
MW - 8	Manny/ Arthur	08/04/15	3502.23	-	-	30.23	0.00	3472.00
MW - 8	Manny	11/16/15	3502.23	41.86	-	29.68	0.00	3472.55
MW - 8	Manny	01/15/16	3502.23	-	-	29.66	0.00	3472.57
MW - 8	Manny	02/10/16	3502.23	-	-	29.67	0.00	3472.56
MW - 8	Manny	04/15/16	3502.23	-	-	29.29	0.00	3472.94
MW - 8	Manny	05/24/16	3502.23	-	-	29.46	0.00	3472.77
MW - 8	Manny	06/28/16	3502.23	-	-	29.95	0.00	3472.28
MW - 8	Carlos	07/21/16	3502.23	-	-	30.39	0.00	3471.84
MW - 8	Manny	08/18/16	3502.23	-	-	30.60	0.00	3471.63
MW - 8	Wesley	10/25/16	3502.23	42.05	-	28.45	0.00	3473.78
MW - 8	Manny	11/22/16	3502.23	41.94	-	28.44	0.00	3473.79
MW - 8	Carlos	12/27/16	3502.23	-	-	28.53	0.00	3473.70
MW - 8	Carlos	01/24/17	3502.23	-	-	28.93	0.00	3473.30
MW - 8	Carlos	02/28/17	3502.23	-	-	28.37	0.00	3473.86
MW - 8	Manny/ Jeremy	04/19/17	3502.23	-	-	28.25	0.00	3473.98
MW - 8	Jeremy	05/18/17	3502.23	-	-	28.40	0.00	3473.83
MW - 8	Jeremy	06/12/17	3502.23	-	-	28.62	0.00	3473.61
MW - 8	Jeremy	07/25/17	3502.23	-	-	29.09	0.00	3473.14
MW - 8	Jeremy	08/14/17	3502.23	-	-	28.82	0.00	3473.41
MW - 8	Jeremy	10/17/17	3502.23	-	-	28.57	0.00	3473.66
MW - 8	Manny/ Jeremy	11/15/17	3502.23	41.74	-	28.51	0.00	3473.72
MW - 8	Jeremy	12/22/17	3502.23	-	-	28.47	0.00	3473.76
MW - 8	Jeremy	01/17/18	3502.23	-	-	28.47	0.00	3473.76
MW - 8	Jeremy	02/19/18	3502.23	-	-	28.32	0.00	3473.91
MW - 8	Jeremy	03/28/18	3502.23	-	-	28.44	0.00	3473.79
MW - 8	Jeremy	04/27/18	3502.23	-	-	28.50	0.00	3473.73
MW - 8	Jeremy	05/15/18	3502.23	-	-	28.60	0.00	3473.63
MW - 8	Jeremy	06/29/18	3502.23	-	-	29.19	0.00	3473.04
MW - 8	Jeremy	07/16/18	3502.23	-	-	29.43	0.00	3472.80
MW - 8	Jeremy	08/14/18	3502.23	-	-	29.82	0.00	3472.41
MW - 8	Jeremy	11/28/18	3502.23	41.88	-	29.05	0.00	3473.18
MW - 8	Jeremy	12/14/18	3502.23	-	-	29.08	0.00	3473.15
MW - 8	Jeremy	01/29/19	3502.23	-	-	28.96	0.00	3473.27
MW - 8	Manny/Elias	03/04/19	3502.23	-	-	28.94	0.00	3473.29
MW - 8	Jeremy	03/29/19	3502.23	-	-	28.72	0.00	3473.51
MW - 8	Jeremy	04/18/19	3502.23	-	-	28.80	0.00	3473.43
MW - 8	Manny/Elias	05/13/19	3502.23	-	-	28.78	0.00	3473.45
MW - 8	Manny/Elias	06/06/19	3502.23	-	-	29.02	0.00	3473.21
MW - 8	Manny/Elias	07/17/19	3502.23	-	-	29.42	0.00	3472.81
MW - 8	Elias	09/10/19	3502.23	-	-	29.87	0.00	3472.36
MW - 8	Elias	10/16/19	3502.23	-	-	29.45	0.00	3472.78
MW - 8	Elias	12/03/19	3502.23	41.90	-	29.06	0.00	3473.17
MW - 8	Elias	12/30/19	3502.23	-	-	29.10	0.00	3473.13
MW - 8	Elias	01/14/20	3502.23	-	-	29.03	0.00	3473.20
MW - 8	Elias	02/13/20	3502.23	-	-	28.96	0.00	3473.27
MW - 8	Elias	05/15/20	3502.23	-	-	28.60	0.00	3473.63
MW - 8	Manny	06/24/20	3502.23	-	-	29.26	0.00	3472.97
MW - 8	Manny	07/28/20	3502.23	-	-	29.71	0.00	3472.52
MW - 8	Manny	08/18/20	3502.23	-	-	29.83	0.00	3472.40
MW - 8	Manny	09/11/20	3502.23	-	-	30.00	0.00	3472.23
MW - 8	Manny	10/30/20	3502.23	-	-	30.11	0.00	3472.12
MW - 8	Manny	11/10/20	3502.23	41.70	-	30.34	0.00	3471.89
MW - 8	Manny	12/30/20	3502.23	-	-	30.05	0.00	3472.18
MW - 8	Manny	01/21/21	3502.23	-	-	29.97	0.00	3472.26
MW - 8	Manny	03/17/21	3502.23	-	-	30.13	0.00	3472.10
MW - 8	Manny	05/26/21	3502.23	-	-	30.15	0.00	3472.08
MW - 8	Manny	07/26/21	3502.23	-	-	30.28	0.00	3471.95
MW - 8	Manny	09/28/21	3502.23	-	-	30.56	0.00	3471.67
MW - 8	Manny	10/13/21	3502.23	-	-	30.50	0.00	3471.73
MW - 8	Manny	12/01/21	3502.23	41.69	-	30.45	0.00	3471.78
MW - 8	Manny	01/13/22	3502.23	-	-	30.40	0.00	3471.83
MW - 8	Manny	03/03/22	3502.23	-	-	30.46	0.00	3471.77

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 8	Manny	04/28/22	3502.23	-	-	30.52	0.00	3471.71
MW - 8	Manny	05/31/22	3502.23	-	-	30.99	0.00	3471.24
MW - 8	Manny	08/23/22	3502.23	-	-	31.67	0.00	3470.56
MW - 8	Manny	10/19/22	3502.23	41.73	-	31.38	0.00	3470.85
MW - 8	Manny	03/07/23	3502.23	-	-	30.81	0.00	3471.42
MW - 8	Manny	05/01/23	3502.23	-	-	30.72	0.00	3471.51
MW - 8	Manny	08/29/23	3502.23	-	-	31.90	0.00	3470.33
MW - 8	Manny	11/29/23	3502.23	41.66	-	31.25	0.00	3470.98
MW - 8	Manny	03/25/24	3502.23	-	-	30.91	0.00	3471.32
MW - 8	Manny	06/19/24	3502.23	-	-	31.87	0.00	3470.36
MW - 8	Manny	09/10/24	3502.23	-	-	32.23	0.00	3470.00
MW - 8	Manny	11/13/24	3502.23	41.66	-	32.18	0.00	3470.05
MW - 9		06/07/02	3502.24	-	-	30.65	0.00	3471.59
MW - 9		09/27/02	3502.24	-	-	30.81	0.00	3471.43
MW - 9		12/04/02	3502.24	-	-	30.52	0.00	3471.72
MW - 9		02/25/03	3502.24	-	-	30.39	0.00	3471.85
MW - 9		05/22/03	3502.24	-	-	30.52	0.00	3471.72
MW - 9		08/26/03	3502.24	-	-	31.63	0.00	3470.61
MW - 9		11/25/03	3502.24	-	-	31.79	0.00	3470.45
MW - 9		02/10/04	3502.24	-	-	31.77	0.00	3470.47
MW - 9		05/10/04	3502.24	-	-	29.26	0.00	3472.98
MW - 9		08/25/04	3502.24	-	-	29.71	0.00	3472.53
MW - 9		12/01/04	3502.24	-	-	28.13	0.00	3474.11
MW - 9		03/10/05	3502.24	-	-	27.63	0.00	3474.61
MW - 9		06/10/05	3502.24	-	-	27.20	0.00	3475.04
MW - 9		09/09/05	3502.24	-	-	27.57	0.00	3474.67
MW - 9		12/05/05	3502.24	-	-	27.36	0.00	3474.88
MW - 9		03/09/06	3502.24	-	-	27.25	0.00	3474.99
MW - 9		06/08/06	3502.24	-	-	27.62	0.00	3474.62
MW - 9		09/15/06	3502.24	-	-	27.45	0.00	3474.79
MW - 9		11/29/06	3502.24	-	-	27.45	0.00	3474.79
MW - 9		02/26/07	3502.24	-	-	27.14	0.00	3475.10
MW - 9		05/21/07	3502.24	-	-	26.83	0.00	3475.41
MW - 9		08/16/07	3502.24	-	-	27.42	0.00	3474.82
MW - 9		11/07/07	3502.24	-	-	27.16	0.00	3475.08
MW - 9		02/12/08	3502.24	-	-	27.16	0.00	3475.08
MW - 9		05/15/08	3502.24	-	-	27.31	0.00	3474.93
MW - 9		08/18/08	3502.24	-	-	28.24	0.00	3474.00
MW - 9		11/13/08	3502.24	-	-	27.75	0.00	3474.49
MW - 9		02/11/09	3502.24	-	-	27.77	0.00	3474.47
MW - 9		05/13/09	3502.24	-	-	27.81	0.00	3474.43
MW - 9		08/11/09	3502.24	-	-	28.74	0.00	3473.50
MW - 9		11/23/09	3502.24	-	-	28.94	0.00	3473.30
MW - 9		01/05/09	3502.24	-	-	28.91	0.00	3473.33
MW - 9		02/10/10	3502.24	-	-	28.94	0.00	3473.30
MW - 9		05/25/10	3502.24	-	-	28.91	0.00	3473.33
MW - 9		08/13/10	3502.24	-	-	28.90	0.00	3473.34
MW - 9		11/17/10	3502.24	-	-	28.94	0.00	3473.30
MW - 9		02/22/11	3502.24	-	-	28.97	0.00	3473.27
MW - 9		05/17/11	3502.24	-	-	29.00	0.00	3473.24
MW - 9		08/11/11	3502.24	-	-	29.67	0.00	3472.57
MW - 9		11/08/11	3502.24	-	-	29.79	0.00	3472.45
MW - 9		03/01/12	3502.24	-	-	29.42	0.00	3472.82
MW - 9		05/23/12	3502.24	-	-	29.45	0.00	3472.79
MW - 9		08/09/12	3502.24	-	-	30.13	0.00	3472.11
MW - 9		11/19/12	3502.24	-	-	30.00	0.00	3472.24
MW - 9		02/12/13	3502.24	-	-	29.87	0.00	3472.37
MW - 9		05/15/13	3502.24	-	-	29.80	0.00	3472.44
MW - 9		08/07/13	3502.24	-	-	30.57	0.00	3471.67
MW - 9		11/27/13	3502.24	46.86	-	30.55	0.00	3471.69
MW - 9	John F.	02/10/14	3502.24	-	-	30.34	0.00	3471.90
MW - 9	David	05/22/14	3502.24	-	-	30.40	0.00	3471.84

TABLE 4

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PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 9	Manny	07/22/14	3502.24	-	-	31.18	0.00	3471.06
MW - 9	David	08/13/14	3502.24	-	-	31.32	0.00	3470.92
MW - 9		10/27/14	3502.24	-	-	29.62	0.00	3472.62
MW - 9	Manny	11/06/14	3502.24	46.92	-	29.69	0.00	3472.55
MW - 9	Carlos	01/09/15	3502.24	-	-	29.25	0.00	3472.99
MW - 9	Carlos	01/21/15	3502.24	46.87	-	29.17	0.00	3473.07
MW - 9	Manny	02/17/15	3502.24	-	-	29.15	0.00	3473.09
MW - 9	Manny	03/31/15	3502.24	-	-	28.92	0.00	3473.32
MW - 9	Manny	05/14/15	3502.24	-	-	28.68	0.00	3473.56
MW - 9	Manny/ Arthur	07/09/15	3502.24	-	-	28.79	0.00	3473.45
MW - 9	Manny/ Arthur	08/04/15	3502.24	-	-	29.21	0.00	3473.03
MW - 9	Manny	11/16/15	3502.24	46.78	-	28.78	0.00	3473.46
MW - 9	Manny	01/15/16	3502.24	-	-	28.69	0.00	3473.55
MW - 9	Manny	02/10/16	3502.24	-	-	28.69	0.00	3473.55
MW - 9	Manny	04/15/16	3502.24	-	-	28.37	0.00	3473.87
MW - 9	Manny	05/24/16	3502.24	-	-	28.47	0.00	3473.77
MW - 9	Manny	06/28/16	3502.24	-	-	28.96	0.00	3473.28
MW - 9	Carlos	07/21/16	3502.24	-	-	29.40	0.00	3472.84
MW - 9	Manny/ Wes	08/18/16	3502.24	-	-	29.63	0.00	3472.61
MW - 9	Wesley	10/25/16	3502.24	46.70	-	27.77	0.00	3474.47
MW - 9	Manny	11/22/16	3502.24	46.74	-	27.66	0.00	3474.58
MW - 9	Carlos	12/27/16	3502.24	-	-	27.66	0.00	3474.58
MW - 9	Carlos	01/24/17	3502.24	-	-	27.57	0.00	3474.67
MW - 9	Carlos	02/28/17	3502.24	-	-	27.50	0.00	3474.74
MW - 9	Manny/ Jeremy	04/19/17	3502.24	-	-	27.39	0.00	3474.85
MW - 9	Jeremy	05/18/17	3502.24	-	-	27.46	0.00	3474.78
MW - 9	Jeremy	06/12/17	3502.24	-	-	27.66	0.00	3474.58
MW - 9	Jeremy	07/25/17	3502.24	-	-	28.13	0.00	3474.11
MW - 9	Jeremy	08/14/17	3502.24	-	-	27.95	0.00	3474.29
MW - 9	Jeremy	10/17/17	3502.24	-	-	27.66	0.00	3474.58
MW - 9	Manny/ Jeremy	11/15/17	3502.24	46.69	-	27.61	0.00	3474.63
MW - 9	Jeremy	12/22/17	3502.24	-	-	28.54	0.00	3473.70
MW - 9	Jeremy	01/17/18	3502.24	-	-	27.55	0.00	3474.69
MW - 9	Jeremy	02/19/18	3502.24	-	-	27.43	0.00	3474.81
MW - 9	Jeremy	03/28/18	3502.24	-	-	27.50	0.00	3474.74
MW - 9	Jeremy	04/27/18	3502.24	-	-	27.51	0.00	3474.73
MW - 9	Jeremy	05/15/18	3502.24	-	-	27.64	0.00	3474.60
MW - 9	Jeremy	06/29/18	3502.24	-	-	28.20	0.00	3474.04
MW - 9	Jeremy	07/16/18	3502.24	-	-	28.42	0.00	3473.82
MW - 9	Jeremy	08/14/18	3502.24	-	-	28.80	0.00	3473.44
MW - 9	Jeremy	11/28/18	3502.24	39.42	-	28.14	0.00	3474.10
MW - 9	Jeremy	12/14/18	3502.24	-	-	28.15	0.00	3474.09
MW - 9	Manny/Elias	01/29/19	3502.24	-	-	28.02	0.00	3474.22
MW - 9	Manny/Elias	03/04/19	3502.24	-	-	27.98	0.00	3474.26
MW - 9	Jeremy	03/29/19	3502.24	-	-	27.82	0.00	3474.42
MW - 9	Jeremy	04/18/19	3502.24	-	-	27.85	0.00	3474.39
MW - 9	Manny/Elias	05/13/19	3502.24	-	-	27.82	0.00	3474.42
MW - 9	Manny/Elias	06/06/19	3502.24	-	-	28.03	0.00	3474.21
MW - 9	Manny/Elias	07/17/19	3502.24	-	-	28.44	0.00	3473.80
MW - 9	Elias	09/10/19	3502.24	-	-	28.91	0.00	3473.33
MW - 9	Elias	10/16/19	3502.24	-	-	28.59	0.00	3473.65
MW - 9	Elias	12/03/19	3502.24	46.76	-	28.20	0.00	3474.04
MW - 9	Elias	12/30/19	3502.24		-	28.17	0.00	3474.07
MW - 9	Elias	01/14/20	3502.24	-	-	28.10	0.00	3474.14
MW - 9	Elias	02/12/20	3502.24	-	-	28.03	0.00	3474.21
MW - 9	Elias	05/15/20	3502.24	-	-	27.66	0.00	3474.58
MW - 9	Manny	06/24/20	3502.24	-	-	28.28	0.00	3473.96
MW - 9	Manny	07/28/20	3502.24	-	-	28.73	0.00	3473.51
MW - 9	Manny	08/18/20	3502.24	-	-	28.87	0.00	3473.37
MW - 9	Manny	09/11/20	3502.24	-	-	29.03	0.00	3473.21
MW - 9	Manny	10/30/20	3502.24	-	-	29.16	0.00	3473.08
MW - 9	Manny	11/10/20	3502.24	46.69	-	29.10	0.00	3473.14
MW - 9	Manny	12/30/20	3502.24	-	-	29.10	0.00	3473.14

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 9	Manny	01/21/21	3502.24	-	-	29.04	0.00	3473.20
MW - 9	Manny	03/17/21	3502.24	-	-	29.16	0.00	3473.08
MW - 9	Manny	05/26/21	3502.24	-	-	29.18	0.00	3473.06
MW - 9	Manny	07/26/21	3502.24	-	-	29.35	0.00	3472.89
MW - 9	Manny	09/28/21	3502.24	-	-	29.62	0.00	3472.62
MW - 9	Manny	10/13/21	3502.24	-	-	29.56	0.00	3472.68
MW - 9	Manny	12/01/21	3502.24	46.69	-	29.51	0.00	3472.73
MW - 9	Manny	01/13/22	3502.24	-	-	29.46	0.00	3472.78
MW - 9	Manny	03/03/22	3502.24	-	-	29.51	0.00	3472.73
MW - 9	Manny	04/28/22	3502.24	-	-	29.58	0.00	3472.66
MW - 9	Manny	05/31/22	3502.24	-	-	30.00	0.00	3472.24
MW - 9	Manny	08/23/22	3502.24	-	-	30.73	0.00	3471.51
MW - 9	Manny	10/19/22	3502.24	-	-	30.39	0.00	3471.85
MW - 9	Manny	03/07/23	3502.24	-	-	29.84	0.00	3472.40
MW - 9	Manny	05/01/23	3502.24	-	-	29.74	0.00	3472.50
MW - 9	Manny	08/29/23	3502.24	-	-	30.96	0.00	3471.28
MW - 9	Manny	11/29/23	3502.24	46.72	-	30.27	0.00	3471.97
MW - 9	Manny	03/25/24	3502.24	-	-	29.90	0.00	3472.34
MW - 9	Manny	06/19/24	3502.24	-	-	30.90	0.00	3471.34
MW - 9	Manny	09/10/24	3502.24	-	-	31.26	0.00	3470.98
MW - 9	Manny	11/13/24	3502.24	46.68	-	31.22	0.00	3471.02
MW - 10		06/07/02	3499.42	-	-	28.79	0.00	3470.63
MW - 10		09/27/02	3499.42	-	28.88	28.97	0.09	3470.53
MW - 10		10/29/02	3499.42	-	29.04	29.10	0.06	3470.37
MW - 10		11/07/02	3499.42	-	28.91	28.93	0.02	3470.51
MW - 10		12/04/02	3499.42	-	-	28.92	0.00	3470.50
MW - 10		01/07/03	3499.42	-	sheen	29.04	0.00	3470.38
MW - 10		01/27/03	3499.42	-	sheen	29.04	0.00	3470.38
MW - 10		02/26/03	3499.42	-	29.15	29.18	0.03	3470.27
MW - 10		03/06/03	3499.42	-	29.11	29.23	0.12	3470.29
MW - 10		03/11/03	3499.42	-	28.90	29.02	0.12	3470.50
MW - 10		03/20/03	3499.42	-	28.94	29.15	0.21	3470.45
MW - 10		04/02/03	3499.42	-	28.60	28.87	0.27	3470.78
MW - 10		04/16/03	3499.42	-	28.85	28.88	0.03	3470.57
MW - 10		04/23/03	3499.42	-	28.60	28.66	0.06	3470.81
MW - 10		04/29/03	3499.42	-	28.59	28.62	0.03	3470.83
MW - 10		05/15/03	3499.42	-	28.70	28.86	0.16	3470.70
MW - 10		05/22/03	3499.42	-	28.78	28.84	0.06	3470.63
MW - 10		05/28/03	3499.42	-	28.79	29.14	0.35	3470.58
MW - 10		06/04/03	3499.42	-	28.86	29.92	1.06	3470.40
MW - 10		06/10/03	3499.42	-	29.20	29.21	0.01	3470.22
MW - 10		06/26/03	3499.42	-	28.96	29.03	0.07	3470.45
MW - 10		07/07/03	3499.42	-	28.44	28.56	0.12	3470.96
MW - 10		07/30/03	3499.42	-	28.42	28.57	0.15	3470.98
MW - 10		08/05/03	3499.42	-	29.80	29.91	0.11	3469.60
MW - 10		08/21/03	3499.42	-	29.97	30.18	0.21	3469.42
MW - 10		08/26/03	3499.42	-	30.04	30.22	0.18	3469.35
MW - 10		09/08/03	3499.42	-	sheen	30.24	0.00	3469.18
MW - 10		09/15/03	3499.42	-	sheen	30.26	0.00	3469.16
MW - 10		09/24/03	3499.42	-	sheen	30.30	0.00	3469.12
MW - 10		10/02/03	3499.42	-	sheen	30.14	0.00	3469.28
MW - 10		10/08/03	3499.42	-	sheen	30.00	0.00	3469.42
MW - 10		10/16/03	3499.42	-	sheen	31.31	0.00	3468.11
MW - 10		10/28/03	3499.42	-	sheen	30.33	0.00	3469.09
MW - 10		11/11/03	3499.42	-	sheen	30.45	0.00	3468.97
MW - 10		11/18/03	3499.42	-	sheen	30.25	0.00	3469.17
MW - 10		11/25/03	3499.42	-	sheen	29.96	0.00	3469.46
MW - 10		12/08/03	3499.42	-	sheen	30.04	0.00	3469.38
MW - 10		01/27/04	3499.42	-	-	30.71	0.00	3468.71
MW - 10		02/02/04	3499.42	-	-	30.72	0.00	3468.70
MW - 10		02/10/04	3499.42	-	-	30.05	0.00	3469.37
MW - 10		02/20/04	3499.42	-	-	30.21	0.00	3469.21

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10		03/04/04	3499.42	-	-	30.03	0.00	3469.39
MW - 10		03/16/04	3499.42	-	-	30.33	0.00	3469.09
MW - 10		03/25/04	3499.42	-	-	30.37	0.00	3469.05
MW - 10		03/31/04	3499.42	-	-	30.35	0.00	3469.07
MW - 10		04/01/04	3499.42	-	-	30.52	0.00	3468.90
MW - 10		04/08/04	3499.42	-	-	29.64	0.00	3469.78
MW - 10		04/14/04	3499.42	-	-	28.90	0.00	3470.52
MW - 10		04/16/04	3499.42	-	-	28.98	0.00	3470.44
MW - 10		04/22/04	3499.42	-	28.07	28.08	0.01	3471.35
MW - 10		04/29/04	3499.42	-	-	27.84	0.00	3471.58
MW - 10		05/05/04	3499.42	-	sheen	28.16	0.00	3471.26
MW - 10		05/10/04	3499.42	-	-	27.77	0.00	3471.65
MW - 10		06/08/04	3499.42	-	27.66	28.10	0.44	3471.69
MW - 10		06/17/04	3499.42	-	27.76	28.50	0.74	3471.55
MW - 10		06/22/04	3499.42	-	27.80	28.42	0.62	3471.53
MW - 10		06/25/04	3499.42	-	27.77	28.33	0.56	3471.57
MW - 10		06/29/04	3499.42	-	27.75	28.38	0.63	3471.58
MW - 10		07/01/04	3499.42	-	27.77	28.30	0.53	3471.57
MW - 10		07/08/04	3499.42	-	27.73	28.37	0.64	3471.59
MW - 10		07/13/04	3499.42	-	27.81	28.24	0.43	3471.55
MW - 10		12/02/04	3499.42	-	26.35	28.50	2.15	3472.75
MW - 10		12/08/04	3499.42	-	26.21	28.31	2.10	3472.90
MW - 10		12/14/04	3499.42	-	26.40	27.69	1.29	3472.83
MW - 10		12/21/04	3499.42	-	26.39	27.12	0.73	3472.92
MW - 10		12/29/04	3499.42	-	26.22	27.20	0.98	3473.05
MW - 10		01/11/05	3499.42	-	26.29	26.79	0.50	3473.06
MW - 10		01/14/05	3499.42	-	26.34	26.70	0.36	3473.03
MW - 10		01/18/05	3499.42	-	26.30	26.65	0.35	3473.07
MW - 10		01/21/05	3499.42	-	26.36	26.48	0.12	3473.04
MW - 10		01/25/05	3499.42	-	sheen	26.37	0.00	3473.05
MW - 10		01/28/05	3499.42	-	sheen	26.18	0.00	3473.24
MW - 10		02/02/05	3499.42	-	sheen	26.36	0.00	3473.06
MW - 10		02/05/05	3499.42	-	sheen	26.18	0.00	3473.24
MW - 10		02/08/05	3499.42	-	sheen	26.22	0.00	3473.20
MW - 10		02/11/05	3499.42	-	sheen	26.20	0.00	3473.22
MW - 10		02/15/05	3499.42	-	24.18	26.22	2.04	3474.93
MW - 10		02/18/05	3499.42	-	sheen	26.26	0.00	3473.16
MW - 10		02/22/05	3499.42	-	sheen	26.14	0.00	3473.28
MW - 10		02/25/05	3499.42	-	sheen	26.19	0.00	3473.23
MW - 10		03/01/05	3499.42	-	sheen	26.18	0.00	3473.24
MW - 10		03/04/05	3499.42	-	sheen	26.16	0.00	3473.26
MW - 10		03/08/05	3499.42	-	sheen	26.08	0.00	3473.34
MW - 10		03/10/05	3499.42	-	26.06	26.08	0.02	3473.36
MW - 10		03/11/05	3499.42	-	sheen	26.11	0.00	3473.31
MW - 10		03/15/05	3499.42	-	sheen	26.07	0.00	3473.35
MW - 10		03/19/05	3499.42	-	sheen	26.05	0.00	3473.37
MW - 10		03/22/05	3499.42	-	sheen	26.10	0.00	3473.32
MW - 10		03/28/05	3499.42	-	sheen	25.90	0.00	3473.52
MW - 10		04/01/05	3499.42	-	sheen	26.13	0.00	3473.29
MW - 10		04/05/05	3499.42	-	sheen	25.97	0.00	3473.45
MW - 10		04/08/05	3499.42	-	sheen	26.00	0.00	3473.42
MW - 10		04/12/05	3499.42	-	sheen	25.89	0.00	3473.53
MW - 10		04/15/05	3499.42	-	sheen	25.97	0.00	3473.45
MW - 10		05/25/05	3499.42	-	sheen	25.53	0.00	3473.89
MW - 10		06/03/05	3499.42	-	sheen	25.49	0.00	3473.93
MW - 10		06/06/05	3499.42	-	sheen	25.45	0.00	3473.97
MW - 10		06/10/05	3499.42	-	25.42	25.43	0.01	3474.00
MW - 10		06/13/05	3499.42	-	sheen	25.60	0.00	3473.82
MW - 10		06/20/05	3499.42	-	sheen	25.64	0.00	3473.78
MW - 10		06/24/05	3499.42	-	sheen	25.60	0.00	3473.82
MW - 10		06/27/05	3499.42	-	sheen	25.65	0.00	3473.77
MW - 10		07/18/05	3499.42	-	sheen	25.95	0.00	3473.47
MW - 10		07/25/05	3499.42	-	sheen	26.04	0.00	3473.38

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10		08/01/05	3499.42	-	26.11	26.17	0.06	3473.30
MW - 10		08/04/05	3499.42	-	26.15	26.19	0.04	3473.26
MW - 10		08/16/05	3499.42	-	26.20	26.25	0.05	3473.21
MW - 10		08/23/05	3499.42	-	25.91	26.04	0.13	3473.49
MW - 10		08/29/05	3499.42	-	25.90	25.99	0.09	3473.51
MW - 10		09/06/05	3499.42	-	25.84	25.96	0.12	3473.56
MW - 10		09/09/05	3499.42	-	25.79	25.95	0.16	3473.61
MW - 10		09/12/05	3499.42	-	25.82	25.98	0.16	3473.58
MW - 10		09/19/05	3499.42	-	26.03	26.25	0.22	3473.36
MW - 10		09/27/05	3499.42	-	26.10	26.29	0.19	3473.29
MW - 10		10/03/05	3499.42	-	26.23	26.40	0.17	3473.16
MW - 10		10/10/05	3499.42	-	25.90	26.13	0.23	3473.49
MW - 10		10/17/05	3499.42	-	25.87	26.11	0.24	3473.51
MW - 10		10/24/05	3499.42	-	25.85	26.10	0.25	3473.53
MW - 10		11/01/05	3499.42	-	25.72	26.08	0.36	3473.65
MW - 10		11/08/05	3499.42	-	25.79	25.92	0.13	3473.61
MW - 10		11/15/05	3499.42	-	25.95	26.05	0.10	3473.46
MW - 10		11/22/05	3499.42	-	25.72	25.89	0.17	3473.67
MW - 10		11/27/05	3499.42	-	25.72	25.81	0.09	3473.69
MW - 10		12/05/05	3499.42	-	25.67	25.82	0.15	3473.73
MW - 10		12/07/05	3499.42	-	25.80	25.94	0.14	3473.60
MW - 10		12/16/05	3499.42	-	25.65	25.80	0.15	3473.75
MW - 10		12/29/05	3499.42	-	25.65	25.90	0.25	3473.73
MW - 10		01/03/06	3499.42	-	25.63	25.83	0.20	3473.76
MW - 10		01/09/06	3499.42	-	25.78	26.10	0.32	3473.59
MW - 10		01/16/06	3499.42	-	25.56	25.80	0.24	3473.82
MW - 10		01/23/06	3499.42	-	25.77	26.06	0.29	3473.61
MW - 10		01/30/06	3499.42	-	25.83	26.02	0.19	3473.56
MW - 10		02/07/06	3499.42	-	25.88	25.90	0.02	3473.54
MW - 10		02/14/06	3499.42	-	25.60	25.90	0.30	3473.78
MW - 10		02/21/06	3499.42	-	25.69	25.83	0.14	3473.71
MW - 10		02/27/06	3499.42	-	25.61	25.90	0.29	3473.77
MW - 10		03/06/06	3499.42	-	25.61	25.88	0.27	3473.77
MW - 10		03/09/06	3499.42	-	25.50	25.89	0.39	3473.86
MW - 10		03/17/06	3499.42	-	25.71	25.96	0.25	3473.67
MW - 10		03/21/06	3499.42	-	25.74	26.06	0.32	3473.63
MW - 10		03/28/06	3499.42	-	25.76	26.01	0.25	3473.62
MW - 10		04/03/06	3499.42	-	25.71	26.01	0.30	3473.67
MW - 10		04/17/06	3499.42	-	25.45	25.78	0.33	3473.92
MW - 10		05/01/06	3499.42	-	25.51	25.82	0.31	3473.86
MW - 10		05/08/06	3499.42	-	25.49	25.77	0.28	3473.89
MW - 10		05/15/06	3499.42	-	25.78	26.03	0.25	3473.60
MW - 10		06/01/06	3499.42	-	25.97	26.27	0.30	3473.41
MW - 10		06/05/06	3499.42	-	25.90	26.36	0.46	3473.45
MW - 10		06/08/06	3499.42	-	26.09	26.31	0.22	3473.30
MW - 10		06/12/06	3499.42	-	26.13	26.51	0.38	3473.23
MW - 10		06/19/06	3499.42	-	26.24	26.52	0.28	3473.14
MW - 10		07/31/06	3499.42	-	26.40	26.66	0.26	3472.98
MW - 10		09/06/06	3499.42	-	25.62	25.94	0.32	3473.75
MW - 10		09/11/06	3499.42	-	25.81	25.92	0.11	3473.59
MW - 10		09/15/06	3499.42	-	25.66	25.79	0.13	3473.74
MW - 10		11/29/06	3499.42	-	25.35	25.83	0.48	3474.00
MW - 10		01/11/07	3499.42	-	25.44	26.00	0.56	3473.90
MW - 10		01/22/07	3499.42	-	25.60	26.04	0.44	3473.75
MW - 10		02/14/07	3499.42	-	25.57	25.86	0.29	3473.81
MW - 10		02/26/07	3499.42	-	25.52	25.89	0.37	3473.84
MW - 10		04/03/07	3499.42	-	25.47	25.82	0.35	3473.90
MW - 10		04/09/07	3499.42	-	25.21	25.49	0.28	3474.17
MW - 10		04/17/07	3499.42	-	25.29	25.71	0.42	3474.07
MW - 10		05/01/07	3499.42	-	25.47	25.84	0.37	3473.89
MW - 10		05/17/07	3499.42	-	25.12	25.41	0.29	3474.26
MW - 10		05/21/07	3499.42	-	24.96	25.29	0.33	3474.41
MW - 10		05/22/07	3499.42	-	24.96	25.29	0.33	3474.41

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10		06/01/07	3499.42	-	24.98	25.19	0.21	3474.41
MW - 10		06/06/07	3499.42	-	24.89	25.10	0.21	3474.50
MW - 10		06/11/07	3499.42	-	25.03	25.44	0.41	3474.33
MW - 10		06/19/07	3499.42	-	25.16	25.34	0.18	3474.23
MW - 10		06/25/07	3499.42	-	25.13	25.36	0.23	3474.26
MW - 10		07/03/07	3499.42	-	25.29	25.50	0.21	3474.10
MW - 10		07/23/07	3499.42	-	25.49	25.70	0.21	3473.90
MW - 10		07/30/07	3499.42	-	25.66	25.88	0.22	3473.73
MW - 10		08/06/07	3499.42	-	25.63	25.94	0.31	3473.74
MW - 10		08/13/07	3499.42	-	25.77	25.95	0.18	3473.62
MW - 10		08/16/07	3499.42	-	25.81	25.92	0.11	3473.59
MW - 10		08/27/07	3499.42	-	25.92	26.09	0.17	3473.47
MW - 10		09/07/07	3499.42	-	26.02	26.19	0.17	3473.37
MW - 10		09/13/07	3499.42	-	25.72	25.76	0.04	3473.69
MW - 10		09/18/07	3499.42	-	sheen	25.94	0.00	3473.48
MW - 10		09/22/07	3499.42	-	sheen	25.71	0.00	3473.71
MW - 10		09/24/07	3499.42	-	sheen	25.67	0.00	3473.75
MW - 10		10/01/07	3499.42	-	sheen	25.64	0.00	3473.78
MW - 10		10/08/07	3499.42	-	sheen	25.69	0.00	3473.73
MW - 10		10/15/07	3499.42	-	sheen	25.63	0.00	3473.79
MW - 10		11/05/07	3499.42	-	sheen	25.62	0.00	3473.80
MW - 10		11/07/07	3499.42	-	sheen	25.57	0.00	3473.85
MW - 10		11/12/07	3499.42	-	sheen	25.76	0.00	3473.66
MW - 10		11/19/07	3499.42	-	sheen	25.55	0.00	3473.87
MW - 10		11/28/07	3499.42	-	sheen	25.65	0.00	3473.77
MW - 10		12/03/07	3499.42	-	sheen	25.61	0.00	3473.81
MW - 10		12/12/07	3499.42	-	sheen	25.56	0.00	3473.86
MW - 10		01/09/08	3499.42	-	sheen	25.50	0.00	3473.92
MW - 10		01/16/08	3499.42	-	25.47	25.51	0.04	3473.94
MW - 10		01/23/08	3499.42	-	-	25.58	0.00	3473.84
MW - 10		02/08/08	3499.42	-	-	25.71	0.00	3473.71
MW - 10		02/12/08	3499.42	-	-	25.61	0.00	3473.81
MW - 10		03/05/08	3499.42	-	-	25.67	0.00	3473.75
MW - 10		04/02/08	3499.42	-	-	25.70	0.00	3473.72
MW - 10		04/14/08	3499.42	-	-	25.69	0.00	3473.73
MW - 10		05/14/08	3499.42	-	-	25.70	0.00	3473.72
MW - 10		06/09/08	3499.42	-	-	25.98	0.00	3473.44
MW - 10		06/23/08	3499.42	-	-	26.08	0.00	3473.34
MW - 10		07/22/08	3499.42	-	-	26.59	0.00	3472.83
MW - 10		08/04/08	3499.42	-	-	26.66	0.00	3472.76
MW - 10		08/18/08	3499.42	-	-	26.75	0.00	3472.67
MW - 10		09/02/08	3499.42	-	-	26.62	0.00	3472.80
MW - 10		09/17/08	3499.42	-	-	26.44	0.00	3472.98
MW - 10		09/29/08	3499.42	-	-	26.33	0.00	3473.09
MW - 10		10/06/08	3499.42	-	-	26.41	0.00	3473.01
MW - 10		10/13/08	3499.42	-	-	26.52	0.00	3472.90
MW - 10		10/20/08	3499.42	-	-	26.34	0.00	3473.08
MW - 10		10/29/08	3499.42	-	-	26.24	0.00	3473.18
MW - 10		11/05/08	3499.42	-	-	26.15	0.00	3473.27
MW - 10		11/10/08	3499.42	-	-	26.18	0.00	3473.24
MW - 10		11/13/08	3499.42	-		26.15	0.00	3473.27
MW - 10		12/03/08	3499.42	-	-	26.32	0.00	3473.10
MW - 10		12/16/08	3499.42	-	-	25.53	0.00	3473.89
MW - 10		12/30/08	3499.42	-	sheen	25.12	0.00	3474.30
MW - 10		01/06/09	3499.42	-	-	-	0.00	#VALUE!
MW - 10		02/11/09	3499.42	-	-	26.41	0.00	3473.01
MW - 10		02/24/09	3499.42	-	-	26.41	0.00	3473.01
MW - 10		03/04/09	3499.42	-	-	26.38	0.00	3473.04
MW - 10		03/17/09	3499.42	-	-	26.44	0.00	3472.98
MW - 10		03/25/09	3499.42	-	-	26.31	0.00	3473.11
MW - 10		04/08/09	3499.42	-	-	26.18	0.00	3473.24
MW - 10		04/15/09	3499.42	-	-	26.43	0.00	3472.99
MW - 10		04/29/09	3499.42	-	-	26.41	0.00	3473.01

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10		05/13/09	3499.42	-	-	26.35	0.00	3473.07
MW - 10		06/01/09	3499.42	-	-	26.59	0.00	3472.83
MW - 10		06/10/09	3499.42	-	-	26.37	0.00	3473.05
MW - 10		06/12/09	3499.42	-	-	26.73	0.00	3472.69
MW - 10		06/18/09	3499.42	-	-	26.35	0.00	3473.07
MW - 10		06/24/09	3499.42	-	-	26.88	0.00	3472.54
MW - 10		07/02/09	3499.42	-	-	26.85	0.00	3472.57
MW - 10		07/08/09	3499.42	-	-	26.38	0.00	3473.04
MW - 10		07/14/09	3499.42	-	-	27.02	0.00	3472.40
MW - 10		07/20/09	3499.42	-	-	27.03	0.00	3472.39
MW - 10		07/27/09	3499.42	-	-	27.04	0.00	3472.38
MW - 10		08/03/09	3499.42	-	-	26.96	0.00	3472.46
MW - 10		08/10/09	3499.42	-	-	27.10	0.00	3472.32
MW - 10		08/11/09	3499.42	-	-	27.10	0.00	3472.32
MW - 10		08/18/09	3499.42	-	-	27.16	0.00	3472.26
MW - 10		08/24/09	3499.42	-	-	27.21	0.00	3472.21
MW - 10		08/31/09	3499.42	-	-	27.30	0.00	3472.12
MW - 10		09/03/09	3499.42	-	-	27.23	0.00	3472.19
MW - 10		09/08/09	3499.42	-	-	27.33	0.00	3472.09
MW - 10		09/10/09	3499.42	-	-	27.40	0.00	3472.02
MW - 10		09/16/09	3499.42	-	-	27.32	0.00	3472.10
MW - 10		09/22/09	3499.42	-	-	27.45	0.00	3471.97
MW - 10		09/29/09	3499.42	-	-	27.05	0.00	3472.37
MW - 10		10/02/09	3499.42	-	-	27.23	0.00	3472.19
MW - 10		10/07/09	3499.42	-	-	27.32	0.00	3472.10
MW - 10		10/12/09	3499.42	-	-	26.38	0.00	3473.04
MW - 10		10/16/09	3499.42	-	-	27.28	0.00	3472.14
MW - 10		10/20/09	3499.42	-	-	26.39	0.00	3473.03
MW - 10		10/26/09	3499.42	-	-	26.39	0.00	3473.03
MW - 10		10/28/09	3499.42	-	-	27.24	0.00	3472.18
MW - 10		11/04/09	3499.42	-	-	27.43	0.00	3471.99
MW - 10		11/12/09	3499.42	-	-	27.25	0.00	3472.17
MW - 10		11/23/09	3499.42	-	-	27.32	0.00	3472.10
MW - 10		12/03/09	3499.42	-	-	27.42	0.00	3472.00
MW - 10		12/16/09	3499.42	-	-	27.41	0.00	3472.01
MW - 10		12/21/09	3499.42	-	-	27.35	0.00	3472.07
MW - 10		12/28/09	3499.42	-	-	26.38	0.00	3473.04
MW - 10		01/05/10	3499.42	-	-	27.42	0.00	3472.00
MW - 10		01/20/10	3499.42	-	-	26.36	0.00	3473.06
MW - 10		01/25/10	3499.42	-	-	26.35	0.00	3473.07
MW - 10		01/27/10	3499.42	-	-	27.41	0.00	3472.01
MW - 10		02/10/10	3499.42	-	-	27.45	0.00	3471.97
MW - 10		03/01/10	3499.42	-	-	26.34	0.00	3473.08
MW - 10		03/09/10	3499.42	-	-	26.41	0.00	3473.01
MW - 10		03/11/10	3499.42	-	-	27.43	0.00	3471.99
MW - 10		05/25/10	3499.42	-	-	26.82	0.00	3472.60
MW - 10		06/07/10	3499.42	-	-	27.26	0.00	3472.16
MW - 10		06/12/10	3499.42	-	-	27.32	0.00	3472.10
MW - 10		06/25/10	3499.42	-	-	27.32	0.00	3472.10
MW - 10		07/07/10	3499.42	-	-	27.08	0.00	3472.34
MW - 10		07/12/10	3499.42	-	-	25.59	0.00	3473.83
MW - 10		07/26/10	3499.42	-	-	-	-	-
MW - 10		08/03/10	3499.42	-	-	26.32	0.00	3473.10
MW - 10		08/13/10	3499.42	-	-	26.31	0.00	3473.11
MW - 10		08/19/10	3499.42	-	-	26.26	0.00	3473.16
MW - 10		08/25/10	3499.42	-	-	26.31	0.00	3473.11
MW - 10		09/01/10	3499.42	-	-	26.24	0.00	3473.18
MW - 10		09/09/10	3499.42	-	-	26.23	0.00	3473.19
MW - 10		09/13/10	3499.42	-	-	26.31	0.00	3473.11
MW - 10		09/29/10	3499.42	-	-	26.28	0.00	3473.14
MW - 10		10/05/10	3499.42	-	-	26.32	0.00	3473.10
MW - 10		10/25/10	3499.42	-	sheen	26.34	0.00	3473.08
MW - 10		11/03/10	3499.42	-	sheen	26.30	0.00	3473.12

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10		11/10/10	3499.42	-	sheen	26.53	0.00	3472.89
MW - 10		11/18/10	3499.42	-	sheen	26.53	0.00	3472.89
MW - 10		12/09/10	3499.42	-	sheen	26.36	0.00	3473.06
MW - 10		01/18/11	3499.42	-	sheen	26.50	0.00	3472.92
MW - 10		02/22/11	3499.42	-	sheen	26.55	0.00	3472.87
MW - 10		03/01/11	3499.42	-	sheen	26.96	0.00	3472.46
MW - 10		03/07/11	3499.42	-	sheen	26.56	0.00	3472.86
MW - 10		03/22/11	3499.42	-	sheen	26.54	0.00	3472.88
MW - 10		04/27/11	3499.42	-	sheen	27.85	0.00	3471.57
MW - 10		05/05/11	3499.42	-	sheen	26.92	0.00	3472.50
MW - 10		05/10/11	3499.42	-	sheen	26.88	0.00	3472.54
MW - 10		05/17/11	3499.42	-	sheen	26.83	0.00	3472.59
MW - 10		05/17/11	3499.42	-	sheen	26.83	0.00	3472.59
MW - 10		05/24/11	3499.42	-	sheen	29.96	0.00	3469.46
MW - 10		06/07/11	3499.42	-	-	27.05	0.00	3472.37
MW - 10		06/14/11	3499.42	-	sheen	26.94	0.00	3472.48
MW - 10		06/23/11	3499.42	-	sheen	26.90	0.00	3472.52
MW - 10		06/28/11	3499.42	-	-	27.01	0.00	3472.41
MW - 10		07/06/11	3499.42	-	sheen	27.56	0.00	3471.86
MW - 10		07/14/11	3499.42	-	-	27.51	0.00	3471.91
MW - 10		07/27/11	3499.42	-	-	27.55	0.00	3471.87
MW - 10		08/03/11	3499.42	-	-	27.82	0.00	3471.60
MW - 10		08/11/11	3499.42	-	-	27.92	0.00	3471.50
MW - 10		08/18/11	3499.42	-	-	27.90	0.00	3471.52
MW - 10		08/25/11	3499.42	-	-	27.95	0.00	3471.47
MW - 10		09/02/11	3499.42	-	-	27.99	0.00	3471.43
MW - 10		09/09/11	3499.42	-	-	28.04	0.00	3471.38
MW - 10		11/08/11	3499.42	-	-	28.13	0.00	3471.29
MW - 10		12/28/11	3499.42	-	-	27.94	0.00	3471.48
MW - 10		01/05/12	3499.42	-	-	27.96	0.00	3471.46
MW - 10		01/18/12	3499.42	-	-	27.87	0.00	3471.55
MW - 10		01/27/12	3499.42	-	-	27.96	0.00	3471.46
MW - 10		02/02/12	3499.42	-	-	27.88	0.00	3471.54
MW - 10		02/10/12	3499.42	-	-	28.02	0.00	3471.40
MW - 10		02/15/12	3499.42	-	-	27.96	0.00	3471.46
MW - 10		03/01/12	3499.42	-	-	27.75	0.00	3471.67
MW - 10		03/07/12	3499.42	-	-	27.75	0.00	3471.67
MW - 10		03/14/12	3499.42	-	-	27.75	0.00	3471.67
MW - 10		03/19/12	3499.42	-	-	27.67	0.00	3471.75
MW - 10		03/26/12	3499.42	-	-	27.68	0.00	3471.74
MW - 10		04/04/12	3499.42	-	-	27.77	0.00	3471.65
MW - 10		04/11/12	3499.42	-	-	27.74	0.00	3471.68
MW - 10		04/17/12	3499.42	-	-	27.81	0.00	3471.61
MW - 10		04/25/12	3499.42	-	-	27.68	0.00	3471.74
MW - 10		05/23/12	3499.42	-	-	27.73	0.00	3471.69
MW - 10		05/31/12	3499.42	-	-	27.85	0.00	3471.57
MW - 10		06/06/12	3499.42	-	-	27.75	0.00	3471.67
MW - 10		06/13/12	3499.42	-	-	27.91	0.00	3471.51
MW - 10		06/20/12	3499.42	-	-	27.89	0.00	3471.53
MW - 10		07/11/12	3499.42	-	-	27.98	0.00	3471.44
MW - 10		07/18/12	3499.42	-	-	28.06	0.00	3471.36
MW - 10		08/02/12	3499.42	-	-	28.10	0.00	3471.32
MW - 10		08/09/12	3499.42	-	-	28.29	0.00	3471.13
MW - 10		08/16/12	3499.42	-	-	28.37	0.00	3471.05
MW - 10		10/02/12	3499.42	-	-	28.59	0.00	3470.83
MW - 10		10/10/12	3499.42	-	-	28.60	0.00	3470.82
MW - 10		10/17/12	3499.42	-	-	28.48	0.00	3470.94
MW - 10		10/26/12	3499.42	-	28.49	28.50	0.01	3470.93
MW - 10		11/01/12	3499.42	-	-	29.39	0.00	3470.03
MW - 10		11/19/12	3499.42	-	-	28.38	0.00	3471.04
MW - 10		12/13/12	3499.42	-	-	28.41	0.00	3471.01
MW - 10		12/18/12	3499.42	-	-	28.20	0.00	3471.22
MW - 10		01/08/13	3499.42	-	-	28.25	0.00	3471.17

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10		01/16/13	3499.42	-	-	28.29	0.00	3471.13
MW - 10		01/24/13	3499.42	-	-	28.29	0.00	3471.13
MW - 10		01/30/13	3499.42	-	28.21	28.23	0.02	3471.21
MW - 10		02/12/13	3499.42	-	-	28.22	0.00	3471.20
MW - 10		03/19/13	3499.42	-	-	28.13	0.00	3471.29
MW - 10		04/02/13	3499.42	-	-	28.17	0.00	3471.25
MW - 10		04/08/13	3499.42	-	-	28.02	0.00	3471.40
MW - 10		04/16/13	3499.42	-	-	28.16	0.00	3471.26
MW - 10		04/23/13	3499.42	-	-	28.25	0.00	3471.17
MW - 10		05/01/13	3499.42	-	-	28.28	0.00	3471.14
MW - 10		05/08/13	3499.42	-	-	28.13	0.00	3471.29
MW - 10		05/15/13	3499.42	-	-	28.11	0.00	3471.31
MW - 10		05/17/13	3499.42	-	-	28.15	0.00	3471.27
MW - 10		05/23/13	3499.42	-	-	28.24	0.00	3471.18
MW - 10		05/29/13	3499.42	-	-	28.19	0.00	3471.23
MW - 10		06/12/13	3499.42	-	-	28.46	0.00	3470.96
MW - 10		06/19/13	3499.42	-	-	28.52	0.00	3470.90
MW - 10		06/27/13	3499.42	-	-	28.63	0.00	3470.79
MW - 10		07/02/13	3499.42	-	-	28.73	0.00	3470.69
MW - 10		07/08/13	3499.42	-	-	28.77	0.00	3470.65
MW - 10		07/15/13	3499.42	-	-	28.79	0.00	3470.63
MW - 10		07/23/13	3499.42	-	-	28.66	0.00	3470.76
MW - 10		07/29/13	3499.42	-	-	28.60	0.00	3470.82
MW - 10		08/07/13	3499.42	35.36	-	28.64	0.00	3470.78
MW - 10		08/15/13	3499.42	-	-	28.75	0.00	3470.67
MW - 10		08/20/13	3499.42	-	-	28.78	0.00	3470.64
MW - 10		08/28/13	3499.42	-	-	29.11	0.00	3470.31
MW - 10		09/05/13	3499.42	-	-	29.19	0.00	3470.23
MW - 10		09/09/13	3499.42	-	-	29.05	0.00	3470.37
MW - 10		09/18/13	3499.42	-	-	29.19	0.00	3470.23
MW - 10		09/28/13	3499.42	-	-	29.20	0.00	3470.22
MW - 10		10/01/13	3499.42	-	-	29.26	0.00	3470.16
MW - 10		10/08/13	3499.42	-	-	29.07	0.00	3470.35
MW - 10		10/14/13	3499.42	-	-	29.09	0.00	3470.33
MW - 10		10/23/13	3499.42	-	-	28.94	0.00	3470.48
MW - 10		10/29/13	3499.42	-	-	28.80	0.00	3470.62
MW - 10		11/16/13	3499.42	-	-	28.74	0.00	3470.68
MW - 10		11/27/13	3499.42	-	-	29.10	0.00	3470.32
MW - 10		12/02/13	3499.42	-	-	28.62	0.00	3470.80
MW - 10		12/14/13	3499.42	-	-	29.02	0.00	3470.40
MW - 10		12/19/13	3499.42	-	-	28.52	0.00	3470.90
MW - 10		12/24/13	3499.42	-	-	28.81	0.00	3470.61
MW - 10		01/02/14	3499.42	-	-	28.92	0.00	3470.50
MW - 10		01/07/14	3499.42	-	-	28.68	0.00	3470.74
MW - 10		01/14/14	3499.42	-	-	28.83	0.00	3470.59
MW - 10		01/21/14	3499.42	-	-	28.55	0.00	3470.87
MW - 10		01/31/14	3499.42	-	-	28.66	0.00	3470.76
MW - 10	John F.	02/10/14	3499.42	35.35	-	27.78	0.00	3471.64
MW - 10	John F.	02/27/14	3499.42	-	-	28.70	0.00	3470.72
MW - 10	John & Jose	03/06/14	3499.42	-	-	28.52	0.00	3470.90
MW - 10	John & Jose	03/13/14	3499.42	-	-	28.57	0.00	3470.85
MW - 10	David F.	03/25/14	3499.42	-	28.60	28.63	0.03	3470.82
MW - 10	Baer & Justin	04/03/14	3499.42	-	28.47	28.54	0.07	3470.94
MW - 10	Manny & Chanc	04/07/14	3499.42	-	28.59	29.64	1.05	3470.67
MW - 10	Manny & Chanc	04/14/14	3499.42	-	28.64	28.72	0.08	3470.77
MW - 10	Manny & Chanc	04/23/14	3499.42	-	28.42	28.47	0.05	3470.99
MW - 10	Jose	04/28/14	3499.42	-	28.55	28.70	0.15	3470.85
MW - 10	Jose	05/05/14	3499.42	-	28.49	28.76	0.27	3470.89
MW - 10	Manny	05/14/14	3499.42	-	28.65	28.94	0.29	3470.73
MW - 10	David F.	05/22/14	3499.42	-	28.65	28.74	0.09	3470.76
MW - 10	Manny	05/28/14	3499.42	-	28.70	29.07	0.37	3470.66
MW - 10	Manny	06/02/14	3499.42	-	-	28.78	0.00	3470.64
MW - 10	Manny	06/12/14	3499.42	-	29.01	29.16	0.15	3470.39

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10	Manny	06/17/14	3499.42	-	29.04	29.15	0.11	3470.36
MW - 10	Manny	06/25/14	3499.42	-	29.09	29.24	0.15	3470.31
MW - 10	Manny	06/30/14	3499.42	-	29.08	29.19	0.11	3470.32
MW - 10	Manny	07/11/14	3499.42	-	29.22	29.40	0.18	3470.17
MW - 10	Manny	07/14/14	3499.42	-	29.18	29.23	0.05	3470.23
MW - 10	Manny	07/22/14	3499.42	-	29.36	30.07	0.71	3469.95
MW - 10	Manny	07/23/14	3499.42	-	29.36	30.07	0.71	3469.95
MW - 10	Manny	08/05/14	3499.42	-	29.32	29.37	0.05	3470.09
MW - 10	Manny	08/12/14	3499.42	-	29.43	29.60	0.17	3469.96
MW - 10	David F.	08/13/14	3499.42	-	29.38	29.41	0.03	3470.04
MW - 10	David F.	08/27/14	3499.42	-	29.46	29.58	0.12	3469.94
MW - 10	Manny	09/17/14	3499.42	-	-	29.11	0.00	3470.31
MW - 10	Manny	09/23/14	3499.42	-	-	28.74	0.00	3470.68
MW - 10	Manny	10/10/14	3499.42	-	-	28.03	0.00	3471.39
MW - 10	Manny	10/15/14	3499.42	-	-	27.93	0.00	3471.49
MW - 10		10/27/14	3499.42	-	-	27.77	0.00	3471.65
MW - 10	Chance	10/28/14	3499.42	-	-	-	-	-
MW - 10	Manny	11/04/14	3499.42	-	-	27.91	0.00	3471.51
MW - 10	Manny	11/06/14	3499.42	36.03	-	27.89	0.00	3471.53
MW - 10	Manny	11/11/14	3499.42	-	-	27.79	0.00	3471.63
MW - 10	Chance	11/18/14	3499.42	-	-	27.66	0.00	3471.76
MW - 10	Manny	12/02/14	3499.42	-	27.59	27.83	0.24	3471.79
MW - 10	Manny	12/09/14	3499.42	-	27.74	27.79	0.05	3471.67
MW - 10	Manny	12/11/14	3499.42	-	27.54	27.63	0.09	3471.87
MW - 10	Manny	12/17/14	3499.42	-	27.46	27.58	0.12	3471.94
MW - 10	Manny	12/23/14	3499.42	-	27.63	27.74	0.11	3471.77
MW - 10	Manny	12/30/14	3499.42	-	27.72	27.80	0.08	3471.69
MW - 10	Manny	01/06/15	3499.42	-	27.62	27.74	0.12	3471.78
MW - 10	Manny	01/07/15	3499.42	-	27.78	27.82	0.04	3471.63
MW - 10	Carlos	01/09/15	3499.42	-	27.61	27.62	0.01	3471.81
MW - 10	Manny	01/13/15	3499.42	-	27.50	27.57	0.07	3471.91
MW - 10	Manny	01/16/15	3499.42	-	27.48	27.50	0.02	3471.94
MW - 10	Manny	01/21/15	3499.42	-	-	27.65	0.00	3471.77
MW - 10	Manny	01/26/15	3499.42	-	-	27.88	0.00	3471.54
MW - 10	Manny	02/03/15	3499.42	-	-	27.84	0.00	3471.58
MW - 10	Carlos	02/05/15	3499.42	-	27.70	27.71	0.01	3471.72
MW - 10	Carlos	02/16/15	3499.42	-	27.57	27.58	0.01	3471.85
MW - 10	Manny	02/17/15	3499.42	36.13	-	27.60	0.00	3471.82
MW - 10	Manny/Art	03/04/15	3499.42	-	-	27.57	0.00	3471.85
MW - 10	Manny	03/10/15	3499.42	-	-	27.56	0.00	3471.86
MW - 10	Manny/Art	03/12/15	3499.42	-	-	27.57	0.00	3471.85
MW - 10	Manny	03/16/15	3499.42	-	-	27.53	0.00	3471.89
MW - 10	Matt	03/23/15	3499.42	-	-	27.52	0.00	3471.90
MW - 10	Manny	03/25/15	3499.42	-	-	27.43	0.00	3471.99
MW - 10	Manny	03/31/15	3499.42	-	-	27.44	0.00	3471.98
MW - 10	Manny	04/03/15	3499.42	-	-	27.64	0.00	3471.78
MW - 10	Carlos/Matt	04/06/15	3499.42	-	-	27.42	0.00	3472.00
MW - 10	Manny	04/09/15	3499.42	-	-	27.50	0.00	3471.92
MW - 10	Manny	04/13/15	3499.42	-	-	27.40	0.00	3472.02
MW - 10	Manny/Art	04/16/15	3499.42	-	-	27.31	0.00	3472.11
MW - 10	Manny	04/22/15	3499.42	-	-	27.25	0.00	3472.17
MW - 10	Manny/Art	04/24/15	3499.42	-	-	27.26	0.00	3472.16
MW - 10	Arthur	05/01/15	3499.42	-	-	27.29	0.00	3472.13
MW - 10	Matt	05/11/15	3499.42	-	-	27.30	0.00	3472.12
MW - 10	Manny	05/14/15	3499.42	36.11	-	27.24	0.00	3472.18
MW - 10	Manny/Arthur	05/21/15	3499.42	-	-	27.21	0.00	3472.21
MW - 10	Arthur	05/29/15	3499.42	-	-	27.10	0.00	3472.32
MW - 10	Manny	06/03/15	3499.42	-	-	27.13	0.00	3472.29
MW - 10	Manny	06/04/15	3499.42	-	-	27.19	0.00	3472.23
MW - 10	Manny	06/09/15	3499.42	-	-	27.19	0.00	3472.23
MW - 10	Carlos	06/17/15	3499.42	-	-	27.08	0.00	3472.34
MW - 10	Manny	06/18/15	3499.42	-	-	27.11	0.00	3472.31
MW - 10	Carlos	06/23/15	3499.42	-	-	27.14	0.00	3472.28

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PLAINS MARKETING, L.P.
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SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10	Carlos	06/29/15	3499.42	-	-	27.10	0.00	3472.32
MW - 10	Manny	07/01/15	3499.42	-	-	27.10	0.00	3472.32
MW - 10	Manny	07/07/15	3499.42	-	-	27.28	0.00	3472.14
MW - 10	Manny/Arthur	07/09/15	3499.42	-	-	27.23	0.00	3472.19
MW - 10	Manny/Arthur	07/13/15	3499.42	-	-	27.31	0.00	3472.11
MW - 10	Manny	07/15/15	3499.42	-	-	27.34	0.00	3472.08
MW - 10	Carlos/Matt	07/20/15	3499.42	-	-	27.41	0.00	3472.01
MW - 10	Arthur	07/21/15	3499.42	-	-	27.51	0.00	3471.91
MW - 10	Manny/Arthur	07/28/15	3499.42	-	-	27.55	0.00	3471.87
MW - 10	Manny	07/30/15	3499.42	-	-	27.69	0.00	3471.73
MW - 10	Carlos	08/03/15	3499.42	-	-	27.75	0.00	3471.67
MW - 10	Manny/Arthur	08/04/15	3499.42	35.95	-	27.71	0.00	3471.71
MW - 10	Manny	08/07/15	3499.42	-	-	27.87	0.00	3471.55
MW - 10	Manny	08/11/15	3499.42	-	-	27.81	0.00	3471.61
MW - 10	Carlos	08/12/15	3499.42	-	-	27.82	0.00	3471.60
MW - 10	Carlos	08/18/15	3499.42	-	-	27.79	0.00	3471.63
MW - 10	Manny	08/20/15	3499.42	-	-	27.61	0.00	3471.81
MW - 10	Manny	08/25/15	3499.42	-	-	27.80	0.00	3471.62
MW - 10	Carlos	08/26/15	3499.42	-	-	27.73	0.00	3471.69
MW - 10	Manny	08/31/15	3499.42	-	-	27.66	0.00	3471.76
MW - 10	Manny/Arthur	09/02/15	3499.42	-	-	27.61	0.00	3471.81
MW - 10	Carlos	10/22/15	3499.42	-	-	27.46	0.00	3471.96
MW - 10	Manny	10/27/15	3499.42	-	-	27.40	0.00	3472.02
MW - 10	Manny	11/05/15	3499.42	-	-	27.42	0.00	3472.00
MW - 10	Carlos	11/11/15	3499.42	-	-	27.35	0.00	3472.07
MW - 10	Manny	11/17/15	3499.42	35.99	-	27.25	0.00	3472.17
MW - 10	Manny	12/01/15	3499.42	-	-	27.27	0.00	3472.15
MW - 10	Carlos	12/03/15	3499.42	-	-	27.36	0.00	3472.06
MW - 10	Carlos	12/09/15	3499.42	-	-	27.20	0.00	3472.22
MW - 10	Manny	01/06/16	3499.42	-	-	27.15	0.00	3472.27
MW - 10	Manny	01/11/16	3499.42	-	-	27.30	0.00	3472.12
MW - 10	Carlos	01/13/16	3499.42	-	-	27.06	0.00	3472.36
MW - 10	Manny	01/15/16	3499.42	-	-	27.09	0.00	3472.33
MW - 10	Manny	01/27/16	3499.42	-	-	27.12	0.00	3472.30
MW - 10	Carlos	01/29/16	3499.42	-	-	27.00	0.00	3472.42
MW - 10	Carlos	02/02/16	3499.42	-	-	27.12	0.00	3472.30
MW - 10	Carlos	02/04/16	3499.42	-	-	27.13	0.00	3472.29
MW - 10	Manny	02/10/16	3499.42	35.98	-	27.15	0.00	3472.27
MW - 10	Carlos	02/17/16	3499.42	-	-	27.10	0.00	3472.32
MW - 10	Manny	02/19/16	3499.42	-	-	27.16	0.00	3472.26
MW - 10	James	03/03/16	3499.42	-	-	27.17	0.00	3472.25
MW - 10	Manny	03/10/16	3499.42	-	-	27.12	0.00	3472.30
MW - 10	Carlos	03/11/16	3499.42	-	-	27.08	0.00	3472.34
MW - 10	Manny	03/16/16	3499.42	-	-	27.06	0.00	3472.36
MW - 10	Manny	03/29/16	3499.42	-	-	26.80	0.00	3472.62
MW - 10	Manny	04/12/16	3499.42	-	-	26.90	0.00	3472.52
MW - 10	Manny	04/15/16	3499.42	-	-	26.76	0.00	3472.66
MW - 10	Manny	04/19/16	3499.42	-	-	26.82	0.00	3472.60
MW - 10	Manny	04/29/16	3499.42	-	-	26.84	0.00	3472.58
MW - 10	Carlos	05/04/16	3499.42	-	-	26.80	0.00	3472.62
MW - 10	Manny	05/13/16	3499.42	-	-	26.91	0.00	3472.51
MW - 10	Manny	05/18/16	3499.42	-	-	26.94	0.00	3472.48
MW - 10	Manny	05/25/16	3499.42	35.95	-	26.98	0.00	3472.44
MW - 10	Carlos	06/02/16	3499.42	-	-	27.12	0.00	3472.30
MW - 10	Carlos	06/06/16	3499.42	-	-	27.10	0.00	3472.32
MW - 10	Manny	06/28/16	3499.42	-	-	27.42	0.00	3472.00
MW - 10	Carlos	07/05/16	3499.42	-	-	27.51	0.00	3471.91
MW - 10	Carlos	07/14/16	3499.42	-	-	27.65	0.00	3471.77
MW - 10	Carlos	07/21/16	3499.42	-	-	27.82	0.00	3471.60
MW - 10	Carlos	07/25/16	3499.42	-	-	27.85	0.00	3471.57
MW - 10	Carlos	08/01/16	3499.42	-	-	27.90	0.00	3471.52
MW - 10	Carlos	08/09/16	3499.42	-	-	28.04	0.00	3471.38
MW - 10	Wes	08/15/16	3499.42	-	-	28.05	0.00	3471.37

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10	Manny/ Wes	08/18/16	3499.42	35.86	-	28.07	0.00	3471.35
MW - 10	Carlos	08/22/16	3499.42	-	-	28.02	0.00	3471.40
MW - 10	Carlos	08/31/16	3499.42	-	-	27.71	0.00	3471.71
MW - 10	Carlos	09/06/16	3499.42	-	-	27.34	0.00	3472.08
MW - 10	Carlos	09/12/16	3499.42	-	-	26.96	0.00	3472.46
MW - 10	Carlos	09/19/16	3499.42	-	-	26.72	0.00	3472.70
MW - 10	Wesley	09/26/16	3499.42	-	-	26.53	0.00	3472.89
MW - 10	Manny	10/06/16	3499.42	-	-	26.27	0.00	3473.15
MW - 10	Carlos	10/17/16	3499.42	-	-	26.06	0.00	3473.36
MW - 10	Wesley	10/25/16	3499.42	35.89	-	26.13	0.00	3473.29
MW - 10	Carlos	11/03/16	3499.42	-	-	26.23	0.00	3473.19
MW - 10	Carlos	11/08/16	3499.42	-	-	26.18	0.00	3473.24
MW - 10	Carlos	11/15/16	3499.42	-	-	26.08	0.00	3473.34
MW - 10	Manny	11/22/16	3499.42	35.86	-	26.04	0.00	3473.38
MW - 10	Carlos	12/05/16	3499.42	-	-	26.10	0.00	3473.32
MW - 10	Wesley	12/13/16	3499.42	-	-	26.09	0.00	3473.33
MW - 10	Carlos	12/22/16	3499.42	-	-	26.18	0.00	3473.24
MW - 10	Carlos	12/27/16	3499.42	-	-	26.23	0.00	3473.19
MW - 10	Carlos	01/04/17	3499.42	-	-	26.10	0.00	3473.32
MW - 10	Carlos	01/13/17	3499.42	-	-	26.32	0.00	3473.10
MW - 10	Carlos	01/17/17	3499.42	-	-	26.23	0.00	3473.19
MW - 10	Carlos	01/24/17	3499.42	-	-	26.14	0.00	3473.28
MW - 10	Carlos	01/31/17	3499.42	-	-	26.15	0.00	3473.27
MW - 10	Carlos	02/07/17	3499.42	-	-	26.17	0.00	3473.25
MW - 10	Wesley	02/16/17	3499.42	-	-	26.06	0.00	3473.36
MW - 10	Carlos	02/20/17	3499.42	-	-	26.20	0.00	3473.22
MW - 10	Carlos	03/01/17	3499.42	35.90	-	26.31	0.00	3473.11
MW - 10	Carlos	03/06/17	3499.42	-	-	26.08	0.00	3473.34
MW - 10	Carlos	03/14/17	3499.42	-	-	26.11	0.00	3473.31
MW - 10	Carlos	03/24/17	3499.42	-	-	26.07	0.00	3473.35
MW - 10	Manny	03/31/17	3499.42	-	-	25.92	0.00	3473.50
MW - 10	Carlos	04/04/17	3499.42	-	-	25.83	0.00	3473.59
MW - 10	Manny	04/13/17	3499.42	-	-	25.81	0.00	3473.61
MW - 10	Manny/ Jeremy	04/19/17	3499.42	-	-	25.83	0.00	3473.59
MW - 10	Manny	04/28/17	3499.42	-	-	25.77	0.00	3473.65
MW - 10	Jeremy	05/01/17	3499.42	-	-	25.89	0.00	3473.53
MW - 10	Manny	05/11/17	3499.42	-	-	25.88	0.00	3473.54
MW - 10	Jeremy	05/18/17	3499.42	35.78	-	26.03	0.00	3473.39
MW - 10	Jeremy	05/23/17	3499.42	-	-	26.06	0.00	3473.36
MW - 10	Jeremy	06/06/17	3499.42	-	-	26.15	0.00	3473.27
MW - 10	Jeremy	06/12/17	3499.42	-	-	26.21	0.00	3473.21
MW - 10	Manny	06/23/17	3499.42	-	-	26.34	0.00	3473.08
MW - 10	Jeremy	07/03/17	3499.42	-	-	26.41	0.00	3473.01
MW - 10	Manny	07/14/17	3499.42	-	-	26.73	0.00	3472.69
MW - 10	Manny	07/19/17	3499.42	-	-	26.88	0.00	3472.54
MW - 10	Manny	07/25/17	3499.42	-	-	26.66	0.00	3472.76
MW - 10	Jeremy	08/14/17	3499.42	35.71	-	26.29	0.00	3473.13
MW - 10	Jeremy	08/21/17	3499.42	-	-	26.33	0.00	3473.09
MW - 10	Manny	08/30/17	3499.42	-	-	26.24	0.00	3473.18
MW - 10	Manny	09/06/17	3499.42	-	-	26.25	0.00	3473.17
MW - 10	Manny	09/12/17	3499.42	-	-	26.30	0.00	3473.12
MW - 10	Manny	09/27/17	3499.42	-	-	26.41	0.00	3473.01
MW - 10	Jeremy	10/04/17	3499.42	-	-	26.32	0.00	3473.10
MW - 10	Manny	10/11/17	3499.42	-	-	26.21	0.00	3473.21
MW - 10	Jeremy	10/17/17	3499.42	-	-	26.04	0.00	3473.38
MW - 10	Jeremy	10/23/17	3499.42	-	-	26.01	0.00	3473.41
MW - 10	Jeremy	10/30/17	3499.42	-	-	25.98	0.00	3473.44
MW - 10	Manny/ Jeremy	11/15/17	3499.42	35.71	-	25.89	0.00	3473.53
MW - 10	Jeremy	12/04/17	3499.42	-	-	25.85	0.00	3473.57
MW - 10	Jeremy	12/22/17	3499.42	-	-	25.95	0.00	3473.47
MW - 10	Jeremy	12/26/17	3499.42	-	-	25.98	0.00	3473.44
MW - 10	Jeremy	01/02/18	3499.42	-	-	26.00	0.00	3473.42
MW - 10	Manny	01/12/18	3499.42	-	-	26.13	0.00	3473.29

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PLAINS MARKETING, L.P.
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LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10	Jeremy	01/17/18	3499.42	-	-	26.25	0.00	3473.17
MW - 10	Jeremy	01/23/18	3499.42	-	-	26.02	0.00	3473.40
MW - 10	Jeremy	01/29/18	3499.42	-	-	26.31	0.00	3473.11
MW - 10	Jeremy	02/05/18	3499.42	-	-	25.88	0.00	3473.54
MW - 10	Jeremy	02/14/18	3499.42	-	-	25.90	0.00	3473.52
MW - 10	Jeremy	02/20/18	3499.42	35.63	-	25.97	0.00	3473.45
MW - 10	Manny	03/02/18	3499.42	-	-	26.23	0.00	3473.19
MW - 10	Manny	03/13/18	3499.42	-	-	26.10	0.00	3473.32
MW - 10	Manny	03/23/18	3499.42	-	-	25.95	0.00	3473.47
MW - 10	Jeremy	03/28/18	3499.42	-	-	25.91	0.00	3473.51
MW - 10	Jeremy	04/05/18	3499.42	-	-	25.82	0.00	3473.60
MW - 10	Manny	04/13/18	3499.42	-	-	25.88	0.00	3473.54
MW - 10	Jeremy	04/27/18	3499.42	-	-	26.08	0.00	3473.34
MW - 10	Manny	05/04/18	3499.42	-	-	26.23	0.00	3473.19
MW - 10	Manny	05/11/18	3499.42	-	-	26.15	0.00	3473.27
MW - 10	Jeremy	05/16/18	3499.42	35.66	-	26.35	0.00	3473.07
MW - 10	Manny	05/25/18	3499.42	-	-	26.54	0.00	3472.88
MW - 10	Manny	06/05/18	3499.42	-	-	26.53	0.00	3472.89
MW - 10	Manny	06/15/18	3499.42	-	-	26.65	0.00	3472.77
MW - 10	Manny	06/19/18	3499.42	-	-	26.60	0.00	3472.82
MW - 10	Manny	06/26/18	3499.42	-	-	26.90	0.00	3472.52
MW - 10	Manny	06/29/18	3499.42	-	-	26.91	0.00	3472.51
MW - 10	Manny	07/10/18	3499.42	-	-	27.10	0.00	3472.32
MW - 10	Jeremy	07/16/18	3499.42	-	-	27.14	0.00	3472.28
MW - 10	Manny	08/10/18	3499.42	-	-	27.41	0.00	3472.01
MW - 10	Jeremy	08/14/18	3499.42	35.43	-	27.30	0.00	3472.12
MW - 10	Jeremy	08/23/18	3499.42	-	-	27.44	0.00	3471.98
MW - 10	Manny	08/31/18	3499.42	-	-	27.60	0.00	3471.82
MW - 10	Jeremy	09/05/18	3499.42	-	-	27.53	0.00	3471.89
MW - 10	Jeremy	09/10/18	3499.42	-	-	27.11	0.00	3472.31
MW - 10	Manny	09/21/18	3499.42	-	-	27.11	0.00	3472.31
MW - 10	Manny	10/05/18	3499.42	-	-	27.01	0.00	3472.41
MW - 10	Jeremy	10/08/18	3499.42	-	-	26.92	0.00	3472.50
MW - 10	Manny	10/11/18	3499.42	-	-	27.23	0.00	3472.19
MW - 10	Manny	10/15/18	3499.42	-	-	27.01	0.00	3472.41
MW - 10	Manny	10/19/18	3499.42	-	-	27.25	0.00	3472.17
MW - 10	Manny	10/26/18	3499.42	-	-	27.06	0.00	3472.36
MW - 10	Manny	11/02/18	3499.42	-	-	26.78	0.00	3472.64
MW - 10	Manny	11/13/18	3499.42	-	-	27.06	0.00	3472.36
MW - 10	Manny	11/21/18	3499.42	-	-	26.85	0.00	3472.57
MW - 10	Jeremy	11/29/18	3499.42	35.46	-	26.75	0.00	3472.67
MW - 10	manny/elias	12/07/18	3499.42	-	-	26.89	0.00	3472.53
MW - 10	manny/elias	12/14/18	3499.42	-	-	26.95	0.00	3472.47
MW - 10	manny/elias	12/20/18	3499.42	-	-	26.81	0.00	3472.61
MW - 10	manny/elias	12/28/18	3499.42	-	-	26.72	0.00	3472.70
MW - 10	manny/elias	12/31/18	3499.42	-	-	-	-	-
MW - 10	manny/elias	01/03/19	3499.42	-	-	26.59	0.00	3472.83
MW - 10	Manny/Elias	01/11/19	3499.42	-	-	26.63	0.00	3472.79
MW - 10	manny/elias	01/15/19	3499.42	-	-	26.70	0.00	3472.72
MW - 10	manny/elias	01/23/19	3499.42	-	-	26.43	0.00	3472.99
MW - 10	Manny/Elias	01/29/19	3499.42	-	-	26.67	0.00	3472.75
MW - 10	manny/elias	02/07/19	3499.42	-	-	26.84	0.00	3472.58
MW - 10	manny/elias	02/14/19	3499.42	-	-	26.61	0.00	3472.81
MW - 10	Manny/Elias	03/05/19	3499.42	35.29	-	26.68	0.00	3472.74
MW - 10	manny/elias	03/11/19	3499.42	-	-	26.72	0.00	3472.70
MW - 10	manny/elias	03/24/19	3499.42	-	-	26.45	0.00	3472.97
MW - 10	Manny/Elias	03/27/19	3499.42	-	-	26.40	0.00	3473.02
MW - 10	Manny/Elias	04/02/19	3499.42	-	-	26.30	0.00	3473.12
MW - 10	Manny/Elias	04/12/19	3499.42	-	-	26.39	0.00	3473.03
MW - 10	Manny/Elias	04/18/19	3499.42	-	-	26.35	0.00	3473.07
MW - 10	Manny/Elias	04/25/19	3499.42	-	-	26.29	0.00	3473.13
MW - 10	Elias	05/02/19	3499.42	-	-	26.48	0.00	3472.94
MW - 10	Manny	05/10/19	3499.42	-	-	26.54	0.00	3472.88

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10	Manny/Elias	05/14/19	3499.42	35.26	-	26.26	0.00	3473.16
MW - 10	Manny/Elias	05/20/19	3499.42	-	-	26.23	0.00	3473.19
MW - 10	Manny/Elias	05/27/19	3499.42	-	-	26.31	0.00	3473.11
MW - 10	Manny/Elias	06/06/19	3499.42	-	-	26.51	0.00	3472.91
MW - 10	Manny/Elias	06/07/19	3499.42	-	-	26.51	0.00	3472.91
MW - 10	Manny/Elias	06/13/19	3499.42	-	-	26.54	0.00	3472.88
MW - 10	Manny/Elias	06/19/19	3499.42	-	-	26.66	0.00	3472.76
MW - 10	Manny/Elias	07/01/19	3499.42	-	-	26.80	0.00	3472.62
MW - 10	Manny/Elias	07/09/19	3499.42	-	-	26.89	0.00	3472.53
MW - 10	Manny/Elias	07/17/19	3499.42	-	-	26.90	0.00	3472.52
MW - 10	Manny/Elias	07/19/19	3499.42	-	-	26.93	0.00	3472.49
MW - 10	Manny/Elias	08/06/19	3499.42	-	-	27.12	0.00	3472.30
MW - 10	Manny/Elias	08/22/19	3499.42	-	-	27.33	0.00	3472.09
MW - 10	Manny/Elias	08/30/19	3499.42	-	-	27.41	0.00	3472.01
MW - 10	Elias	09/10/19	3499.42	35.07	-	27.32	0.00	3472.10
MW - 10	Elias	09/20/19	3499.42	-	-	27.36	0.00	3472.06
MW - 10	Elias	10/04/19	3499.42	-	-	27.09	0.00	3472.33
MW - 10	Elias	10/09/19	3499.42	-	-	26.86	0.00	3472.56
MW - 10	Elias	10/16/19	3499.42	-	-	26.93	0.00	3472.49
MW - 10	Elias	10/23/19	3499.42	-	-	26.91	0.00	3472.51
MW - 10	Elias	11/04/19	3499.42	-	-	26.85	0.00	3472.57
MW - 10	Elias	12/03/19	3499.42	34.96	-	26.59	0.00	3472.83
MW - 10	Elias	12/16/19	3499.42	-	-	26.66	0.00	3472.76
MW - 10	Elias	12/30/19	3499.42	-	-	26.62	0.00	3472.80
MW - 10	Elias	01/09/20	3499.42	-	-	26.51	0.00	3472.91
MW - 10	Elias	01/14/20	3499.42	-	-	26.57	0.00	3472.85
MW - 10	Elias	01/30/20	3499.42	-	-	26.54	0.00	3472.88
MW - 10	Elias	02/03/20	3499.42	-	-	26.42	0.00	3473.00
MW - 10	Elias	02/13/20	3499.42	34.97	-	26.46	0.00	3472.96
MW - 10	Elias	05/15/20	3499.42	-	-	26.12	0.00	3473.30
MW - 10	Manny	06/25/20	3499.42	33.45	-	26.84	0.00	3472.58
MW - 10	Manny	07/23/20	3499.42	-	-	27.22	0.00	3472.20
MW - 10	Manny	07/28/20	3499.42	-	-	27.31	0.00	3472.11
MW - 10	Manny	08/10/20	3499.42	-	-	27.30	0.00	3472.12
MW - 10	Manny	08/19/20	3499.42	35.14	-	27.56	0.00	3471.86
MW - 10	Manny	09/11/20	3499.42	-	-	27.82	0.00	3471.60
MW - 10	Manny	09/29/20	3499.42	-	-	27.89	0.00	3471.53
MW - 10	Manny	10/13/20	3499.42	-	-	27.67	0.00	3471.75
MW - 10	Manny	10/30/20	3499.42	-	-	27.65	0.00	3471.77
MW - 10	Manny	11/11/20	3499.42	35.02	-	27.63	0.00	3471.79
MW - 10	Manny	12/14/20	3499.42	-	-	27.53	0.00	3471.89
MW - 10	Manny	12/30/20	3499.42	-	-	27.59	0.00	3471.83
MW - 10	Manny	01/21/21	3499.42	-	-	27.42	0.00	3472.00
MW - 10	Manny	02/23/21	3499.42	-	-	27.52	0.00	3471.90
MW - 10	Manny	03/05/21	3499.42	-	-	27.66	0.00	3471.76
MW - 10	Manny	03/17/21	3499.42	35.76	-	27.61	0.00	3471.81
MW - 10	Manny	04/16/21	3499.42	-	-	27.53	0.00	3471.89
MW - 10	Manny	05/27/21	3499.42	35.62	-	27.55	0.00	3471.87
MW - 10	Manny	07/26/21	3499.42	-	-	27.69	0.00	3471.73
MW - 10	Manny	07/27/21	3499.42	-	-	27.69	0.00	3471.73
MW - 10	Manny	09/29/21	3499.42	34.25	-	27.90	0.00	3471.52
MW - 10	Manny	10/13/21	3499.42	-	-	27.88	0.00	3471.54
MW - 10	Manny	10/29/21	3499.42	-	-	28.00	0.00	3471.42
MW - 10	Manny	11/24/21	3499.42	-	-	27.88	0.00	3471.54
MW - 10	Manny	12/01/21	3499.42	35.65	-	27.93	0.00	3471.49
MW - 10	Manny	01/13/22	3499.42	-	-	27.90	0.00	3471.52
MW - 10	Manny	02/16/22	3499.42	-	-	27.87	0.00	3471.55
MW - 10	Manny	03/04/22	3499.42	35.60	-	27.84	0.00	3471.58
MW - 10	Manny	03/17/22	3499.42	-	-	27.95	0.00	3471.47
MW - 10	Manny	04/28/22	3499.42	-	-	28.05	0.00	3471.37
MW - 10	Manny	06/02/22	3499.42	35.61	-	28.52	0.00	3470.90
MW - 10	Manny	06/28/22	3499.42	-	-	28.75	0.00	3470.67
MW - 10	Manny	08/24/22	3499.42	35.62	-	29.12	0.00	3470.30

TABLE 4

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PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
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Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10	Manny	09/29/22	3499.42	-	-	28.71	0.00	3470.71
MW - 10	Manny	10/17/22	3499.42	35.59	-	28.78	0.00	3470.64
MW - 10	Manny	12/09/22	3499.42	-	-	28.40	0.00	3471.02
MW - 10	Manny	03/08/23	3499.42	35.65	-	28.27	0.00	3471.15
MW - 10	Manny	05/02/23	3499.42	35.59	-	28.15	0.00	3471.27
MW - 10	Manny	08/31/23	3499.42	35.59	-	29.27	0.00	3470.15
MW - 10	Manny	11/29/23	3499.42	35.58	-	28.68	0.00	3470.74
MW - 10	Manny	03/25/24	3499.42	35.54	-	28.68	0.00	3470.74
MW - 10	Manny	06/19/24	3499.42	35.51	-	29.32	0.00	3470.10
MW - 10	Manny	09/10/24	3499.42	35.52	-	29.49	0.00	3469.93
MW - 10	Manny	11/13/24	3499.42	35.52	-	29.51	0.00	3469.91
MW - 11		06/07/02	3498.18	-	-	28.48	0.00	3469.70
MW - 11		09/27/02	3498.18	-	-	28.60	0.00	3469.58
MW - 11		12/04/02	3498.18	-	-	28.29	0.00	3469.89
MW - 11		02/25/03	3498.18	-	-	28.23	0.00	3469.95
MW - 11		05/22/03	3498.18	-	-	28.26	0.00	3469.92
MW - 11		08/26/03	3498.18	-	-	29.30	0.00	3468.88
MW - 11		11/25/03	3498.18	-	-	29.56	0.00	3468.62
MW - 11		02/10/04	3498.18	-	-	29.55	0.00	3468.63
MW - 11		05/10/04	3498.18	-	-	27.35	0.00	3470.83
MW - 11		08/25/04	3498.18	-	-	27.64	0.00	3470.54
MW - 11		12/02/04	3498.18	-	-	26.12	0.00	3472.06
MW - 11		03/10/05	3498.18	-	-	25.43	0.00	3472.75
MW - 11		06/10/05	3498.18	-	-	24.75	0.00	3473.43
MW - 11		09/09/05	3498.18	-	-	25.37	0.00	3472.81
MW - 11		12/05/05	3498.18	-	-	25.21	0.00	3472.97
MW - 11		03/09/06	3498.18	-	-	24.98	0.00	3473.20
MW - 11		06/08/06	3498.18	-	-	25.52	0.00	3472.66
MW - 11		09/15/06	3498.18	-	-	25.23	0.00	3472.95
MW - 11		11/29/06	3498.18	-	-	25.10	0.00	3473.08
MW - 11		02/26/07	3498.18	-	-	24.95	0.00	3473.23
MW - 11		05/21/07	3498.18	-	-	18.85	0.00	3479.33
MW - 11		08/16/07	3498.18	-	-	25.31	0.00	3472.87
MW - 11		11/07/07	3498.18	-	-	24.92	0.00	3473.26
MW - 11		02/12/08	3498.18	-	-	24.93	0.00	3473.25
MW - 11		05/15/08	3498.18	-	-	25.08	0.00	3473.10
MW - 11		08/18/08	3498.18	-	-	26.17	0.00	3472.01
MW - 11		11/13/08	3498.18	-	-	25.58	0.00	3472.60
MW - 11		02/11/09	3498.18	-	-	25.61	0.00	3472.57
MW - 11		05/13/09	3498.18	-	-	25.71	0.00	3472.47
MW - 11		08/11/09	3498.18	-	-	26.52	0.00	3471.66
MW - 11		11/23/09	3498.18	-	-	26.77	0.00	3471.41
MW - 11		01/05/10	3498.18	-	-	26.65	0.00	3471.53
MW - 11		02/10/10	3498.18	-	-	26.78	0.00	3471.40
MW - 11		05/25/10	3498.18	-	-	26.74	0.00	3471.44
MW - 11		08/13/10	3498.18	-	-	26.73	0.00	3471.45
MW - 11		11/17/10	3498.18	-	-	26.79	0.00	3471.39
MW - 11		02/22/11	3498.18	-	-	26.81	0.00	3471.37
MW - 11		05/17/11	3498.18	-	-	26.84	0.00	3471.34
MW - 11		08/11/11	3498.18	-	-	27.47	0.00	3470.71
MW - 11		11/08/11	3498.18	-	-	27.59	0.00	3470.59
MW - 11		12/28/11	3498.18	-	-	27.45	0.00	3470.73
MW - 11		03/01/12	3498.18	-	-	27.27	0.00	3470.91
MW - 11		05/23/12	3498.18	-	-	27.21	0.00	3470.97
MW - 11		08/09/12	3498.18	-	-	27.81	0.00	3470.37
MW - 11		11/19/12	3498.18	-	-	27.79	0.00	3470.39
MW - 11		02/12/13	3498.18	-	-	27.70	0.00	3470.48
MW - 11		05/15/13	3498.18	-	-	27.62	0.00	3470.56
MW - 11		08/07/13	3498.18	-	-	28.22	0.00	3469.96
MW - 11		11/26/13	3498.18	37.15	-	28.34	0.00	3469.84
MW - 11	John F.	02/10/14	3498.18	-	-	28.17	0.00	3470.01
MW - 11	david	05/22/14	3498.18	-	-	28.24	0.00	3469.94

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 11	Manny	07/22/14	3498.18	-	-	28.82	0.00	3469.36
MW - 11	david	08/13/14	3498.18	-	-	28.96	0.00	3469.22
MW - 11		10/27/14	3498.18	-	-	26.81	0.00	3471.37
MW - 11	Manny	11/05/14	3498.18	37.15	-	27.08	0.00	3471.10
MW - 11	Carlos	01/09/15	3498.18	-	-	27.03	0.00	3471.15
MW - 11	Manny	02/17/15	3498.18	-	-	26.96	0.00	3471.22
MW - 11	Manny	03/31/15	3498.18	-	-	26.73	0.00	3471.45
MW - 11	Manny	05/14/15	3498.18	-	-	26.31	0.00	3471.87
MW - 11	Manny/ Arthur	07/09/15	3498.18	-	-	26.55	0.00	3471.63
MW - 11	Manny/ Arthur	08/04/15	3498.18	-	-	27.00	0.00	3471.18
MW - 11	Manny	11/16/15	3498.18	37.14	-	26.46	0.00	3471.72
MW - 11	Manny	01/15/16	3498.18	-	-	26.51	0.00	3471.67
MW - 11	Manny	02/10/16	3498.18	-	-	26.49	0.00	3471.69
MW - 11	Manny	04/15/16	3498.18	-	-	26.16	0.00	3472.02
MW - 11	Manny	05/24/16	3498.18	-	-	26.30	0.00	3471.88
MW - 11	Manny	06/28/16	3498.18	-	-	26.77	0.00	3471.41
MW - 11	Carlos	07/21/16	3498.18	-	-	27.21	0.00	3470.97
MW - 11	Manny/ Wes	08/18/16	3498.18	-	-	27.39	0.00	3470.79
MW - 11	Wesley	10/25/16	3498.18	37.14	-	24.78	0.00	3473.40
MW - 11	Manny	11/21/16	3498.18	37.13	-	25.07	0.00	3473.11
MW - 11	Carlos	12/27/16	3498.18	-	-	25.35	0.00	3472.83
MW - 11	Carlos	01/24/17	3498.18	-	-	25.23	0.00	3472.95
MW - 11	Carlos	02/28/17	3498.18	-	-	25.40	0.00	3472.78
MW - 11	Manny/ Jeremy	04/19/17	3498.18	-	-	25.16	0.00	3473.02
MW - 11	Jeremy	05/18/17	3498.18	-	-	25.24	0.00	3472.94
MW - 11	Jeremy	06/12/17	3498.18	-	-	25.48	0.00	3472.70
MW - 11	Jeremy	07/25/17	3498.18	-	-	25.97	0.00	3472.21
MW - 11	Jeremy	08/14/17	3498.18	-	-	25.41	0.00	3472.77
MW - 11	Jeremy	10/17/17	3498.18	-	-	25.11	0.00	3473.07
MW - 11	Manny/ Jeremy	11/15/17	3498.18	37.09	-	25.29	0.00	3472.89
MW - 11	Jeremy	12/22/17	3498.18	-	-	25.33	0.00	3472.85
MW - 11	Jeremy	01/17/18	3498.18	-	-	25.35	0.00	3472.83
MW - 11	Jeremy	02/19/18	3498.18	-	-	25.22	0.00	3472.96
MW - 11	Jeremy	03/28/18	3498.18	-	-	25.33	0.00	3472.85
MW - 11	Jeremy	04/27/18	3498.18	-	-	25.38	0.00	3472.80
MW - 11	Jeremy	05/15/18	3498.18	-	-	25.48	0.00	3472.70
MW - 11	Jeremy	06/29/18	3498.18	-	-	26.04	0.00	3472.14
MW - 11	Jeremy	07/16/18	3498.18	-	-	26.31	0.00	3471.87
MW - 11	Jeremy	08/14/18	3498.18	-	-	26.69	0.00	3471.49
MW - 11	Jeremy	11/28/18	3498.18	37.12	-	25.76	0.00	3472.42
MW - 11	Jeremy	12/14/18	3498.18	-	-	25.94	0.00	3472.24
MW - 11	Manny/Elias	01/29/19	3498.18	-	-	25.83	0.00	3472.35
MW - 11	Manny/Elias	03/04/19	3498.18	-	-	25.91	0.00	3472.27
MW - 11	Jeremy	03/29/19	3498.18	-	-	25.47	0.00	3472.71
MW - 11	Jeremy	04/18/19	3498.18	-	-	25.61	0.00	3472.57
MW - 11	Manny/Elias	05/13/19	3498.18	-	-	25.64	0.00	3472.54
MW - 11	Manny/Elias	06/06/19	3498.18	-	-	25.90	0.00	3472.28
MW - 11	Manny/Elias	07/17/19	3498.18	-	-	26.16	0.00	3472.02
MW - 11	Elias	09/10/19	3498.18	-	-	26.63	0.00	3471.55
MW - 11	Elias	10/16/19	3498.18	-	-	26.50	0.00	3471.68
MW - 11	Elias	12/03/19	3498.18	37.12	-	25.73	0.00	3472.45
MW - 11	Elias	12/30/19	3498.18	-	-	25.94	0.00	3472.24
MW - 11	Elias	01/14/20	3498.18	-	-	25.91	0.00	3472.27
MW - 11	Elias	02/12/20	3498.18	-	-	25.84	0.00	3472.34
MW - 11	Elias	05/15/20	3498.18	-	-	25.45	0.00	3472.73
MW - 11	Manny	06/24/20	3498.18	-	-	26.18	0.00	3472.00
MW - 11	Manny	07/28/20	3498.18	-	-	26.60	0.00	3471.58
MW - 11	Manny	08/18/20	3498.18	-	-	26.73	0.00	3471.45
MW - 11	Manny	09/11/20	3498.18	-	-	26.90	0.00	3471.28
MW - 11	Manny	10/30/20	3498.18	-	-	27.06	0.00	3471.12
MW - 11	Manny	11/10/20	3498.18	37.10	-	26.99	0.00	3471.19
MW - 11	Manny	12/30/20	3498.18	-	-	27.01	0.00	3471.17
MW - 11	Manny	01/21/21	3498.18	-	-	26.89	0.00	3471.29

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 11	Manny	03/17/21	3498.18	-	-	27.07	0.00	3471.11
MW - 11	Manny	05/26/21	3498.18	-	-	27.02	0.00	3471.16
MW - 11	Manny	07/26/21	3498.18	-	-	27.05	0.00	3471.13
MW - 11	Manny	09/28/21	3498.18	-	-	27.34	0.00	3470.84
MW - 11	Manny	10/13/21	3498.18	-	-	27.23	0.00	3470.95
MW - 11	Manny	12/01/21	3498.18	37.09	-	27.31	0.00	3470.87
MW - 11	Manny	01/13/22	3498.18	-	-	27.28	0.00	3470.90
MW - 11	Manny	03/03/22	3498.18	-	-	27.35	0.00	3470.83
MW - 11	Manny	04/28/22	3498.18	-	-	27.45	0.00	3470.73
MW - 11	Manny	05/31/22	3498.18	-	-	27.82	0.00	3470.36
MW - 11	Manny	08/23/22	3498.18	-	-	28.48	0.00	3469.70
MW - 11	Manny	10/19/22	3498.18	37.09	-	28.19	0.00	3469.99
MW - 11	Manny	03/07/23	3498.18	-	-	27.69	0.00	3470.49
MW - 11	Manny	05/01/23	3498.18	-	-	27.57	0.00	3470.61
MW - 11	Manny	08/29/23	3498.18	-	-	28.63	0.00	3469.55
MW - 11	Manny	11/28/23	3498.18	37.07	-	28.09	0.00	3470.09
MW - 11	Manny	03/25/24	3498.18	-	-	27.80	0.00	3470.38
MW - 11	Manny	06/19/24	3498.18	-	-	28.63	0.00	3469.55
MW - 11	Manny	09/10/24	3498.18	-	-	29.05	0.00	3469.13
MW - 11	Manny	11/13/24	3498.18	37.00	-	28.87	0.00	3469.31
MW - 12		06/07/02	3499.66	-	-	29.56	0.00	3470.10
MW - 12		09/27/02	3499.66	-	-	29.73	0.00	3469.93
MW - 12		12/04/02	3499.66	-	-	29.44	0.00	3470.22
MW - 12		02/25/03	3499.66	-	-	29.40	0.00	3470.26
MW - 12		05/22/03	3499.66	-	-	29.44	0.00	3470.22
MW - 12		08/26/03	3499.66	-	-	30.46	0.00	3469.20
MW - 12		11/25/03	3499.66	-	-	30.69	0.00	3468.97
MW - 12		02/10/04	3499.66	-	-	30.72	0.00	3468.94
MW - 12		05/10/04	3499.66	-	-	28.54	0.00	3471.12
MW - 12		08/25/04	3499.66	-	-	28.78	0.00	3470.88
MW - 12		12/02/04	3499.66	-	-	27.53	0.00	3472.13
MW - 12		03/10/05	3499.66	-	-	26.72	0.00	3472.94
MW - 12		06/10/05	3499.66	-	-	26.01	0.00	3473.65
MW - 12		09/09/05	3499.66	-	-	26.64	0.00	3473.02
MW - 12		12/05/05	3499.66	-	-	26.53	0.00	3473.13
MW - 12		03/09/06	3499.66	-	-	26.33	0.00	3473.33
MW - 12		06/08/06	3499.66	-	-	26.85	0.00	3472.81
MW - 12		09/15/06	3499.66	-	-	26.44	0.00	3473.22
MW - 12		11/29/06	3499.66	-	-	26.30	0.00	3473.36
MW - 12		02/26/07	3499.66	-	-	26.34	0.00	3473.32
MW - 12		05/21/07	3499.66	-	-	25.75	0.00	3473.91
MW - 12		08/16/07	3499.66	-	-	26.59	0.00	3473.07
MW - 12		11/07/07	3499.66	-	-	26.19	0.00	3473.47
MW - 12		02/12/08	3499.66	-	-	26.25	0.00	3473.41
MW - 12		05/15/08	3499.66	-	-	26.35	0.00	3473.31
MW - 12		08/18/08	3499.66	-	-	27.40	0.00	3472.26
MW - 12		11/13/08	3499.66	-	-	26.80	0.00	3472.86
MW - 12		02/11/09	3499.66	-	-	26.88	0.00	3472.78
MW - 12		05/13/09	3499.66	-	-	26.89	0.00	3472.77
MW - 12		08/11/09	3499.66	-	-	27.04	0.00	3472.62
MW - 12		11/23/09	3499.66	-	-	27.99	0.00	3471.67
MW - 12		01/05/10	3499.66	-	-	27.84	0.00	3471.82
MW - 12		02/10/10	3499.66	-	-	28.00	0.00	3471.66
MW - 12		05/25/10	3499.66	-	-	27.96	0.00	3471.70
MW - 12		08/13/10	3499.66	-	-	27.76	0.00	3471.90
MW - 12		11/17/10	3499.66	-	-	28.01	0.00	3471.65
MW - 12		02/22/11	3499.66	-	-	27.00	0.00	3472.66
MW - 12		05/17/11	3499.66	-	-	27.02	0.00	3472.64
MW - 12		08/11/11	3499.66	-	-	28.53	0.00	3471.13
MW - 12		11/08/11	3499.66	-	-	28.73	0.00	3470.93
MW - 12		03/01/12	3499.66	-	-	28.45	0.00	3471.21
MW - 12		05/23/12	3499.66	-	-	28.38	0.00	3471.28

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 12		08/09/12	3499.66	-	-	28.92	0.00	3470.74
MW - 12		11/19/12	3499.66	-	-	28.96	0.00	3470.70
MW - 12		02/12/13	3499.66	-	-	28.88	0.00	3470.78
MW - 12		05/15/13	3499.66	-	-	28.76	0.00	3470.90
MW - 12		08/07/13	3499.66	-	-	29.33	0.00	3470.33
MW - 12		11/26/13	3499.66	38.85	-	29.48	0.00	3470.18
MW - 12	John F.	02/10/14	3499.66	-	-	29.33	0.00	3470.33
MW - 12	Manny & Chanc	04/14/14	3499.66	-	-	29.40	0.00	3470.26
MW - 12	David	05/22/14	3499.66	-	-	29.37	0.00	3470.29
MW - 12	Manny	07/22/14	3499.66	-	-	29.96	0.00	3469.70
MW - 12	David	08/13/14	3499.66	-	-	30.08	0.00	3469.58
MW - 12		10/27/14	3499.66	-	-	28.45	0.00	3471.21
MW - 12	Manny	11/05/14	3499.66	38.87	-	28.50	0.00	3471.16
MW - 12	Carlos	01/09/15	3499.66	-	-	28.33	0.00	3471.33
MW - 12	Manny	02/17/15	3499.66	-	-	28.29	0.00	3471.37
MW - 12	Manny	03/31/15	3499.66	-	-	28.03	0.00	3471.63
MW - 12	Manny	05/14/15	3499.66	-	-	27.71	0.00	3471.95
MW - 12	Manny/ Arthur	07/09/15	3499.66	-	-	27.90	0.00	3471.76
MW - 12	Manny/ Arthur	08/04/15	3499.66	-	-	28.27	0.00	3471.39
MW - 12	Manny	11/16/15	3499.66	38.90	-	27.72	0.00	3471.94
MW - 12	Manny	01/15/16	3499.66	-	-	27.79	0.00	3471.87
MW - 12	Manny	02/10/16	3499.66	-	-	27.77	0.00	3471.89
MW - 12	Manny	04/15/16	3499.66	-	-	27.37	0.00	3472.29
MW - 12	Manny	05/24/16	3499.66	-	-	27.55	0.00	3472.11
MW - 12	Manny	06/28/16	3499.66	-	-	28.08	0.00	3471.58
MW - 12	Carlos	07/21/16	3499.66	-	-	28.50	0.00	3471.16
MW - 12	Manny/ Wes	08/18/16	3499.66	-	-	28.72	0.00	3470.94
MW - 12	Wesley	10/25/16	3499.66	38.85	-	26.69	0.00	3472.97
MW - 12	Manny	11/22/16	3499.66	38.89	-	26.67	0.00	3472.99
MW - 12	Carlos	12/27/16	3499.66	-	-	26.78	0.00	3472.88
MW - 12	Carlos	01/24/17	3499.66	-	-	26.70	0.00	3472.96
MW - 12	Carlos	02/28/17	3499.66	-	-	26.87	0.00	3472.79
MW - 12	Manny/ Jeremy	04/19/17	3499.66	-	-	26.44	0.00	3473.22
MW - 12	Jeremy	05/18/17	3499.66	-	-	26.65	0.00	3473.01
MW - 12	Jeremy	06/12/17	3499.66	-	-	26.88	0.00	3472.78
MW - 12	Jeremy	07/25/17	3499.66	-	-	27.37	0.00	3472.29
MW - 12	Jeremy	08/14/17	3499.66	-	-	26.95	0.00	3472.71
MW - 12	Jeremy	10/17/17	3499.66	-	-	26.59	0.00	3473.07
MW - 12	Manny/ Jeremy	11/15/17	3499.66	38.85	-	26.68	0.00	3472.98
MW - 12	Jeremy	12/22/17	3499.66	-	-	26.66	0.00	3473.00
MW - 12	Jeremy	01/17/18	3499.66	-	-	26.69	0.00	3472.97
MW - 12	Jeremy	02/19/18	3499.66	-	-	26.56	0.00	3473.10
MW - 12	Jeremy	03/28/18	3499.66	-	-	26.64	0.00	3473.02
MW - 12	Jeremy	04/27/18	3499.66	-	-	26.71	0.00	3472.95
MW - 12	Jeremy	05/15/18	3499.66	-	-	26.83	0.00	3472.83
MW - 12	Jeremy	06/29/18	3499.66	-	-	27.04	0.00	3472.62
MW - 12	Jeremy	07/16/18	3499.66	-	-	27.68	0.00	3471.98
MW - 12	Jeremy	08/14/18	3499.66	-	-	28.04	0.00	3471.62
MW - 12	Jeremy	11/28/18	3499.66	38.74	-	27.18	0.00	3472.48
MW - 12	Jeremy	12/14/18	3499.66	-	-	27.26	0.00	3472.40
MW - 12	Manny/Elias	01/29/19	3499.66	-	-	27.15	0.00	3472.51
MW - 12	Manny/Elias	03/04/19	3499.66	-	-	27.12	0.00	3472.54
MW - 12	Jeremy	03/29/19	3499.66	-	-	26.88	0.00	3472.78
MW - 12	Jeremy	04/18/19	3499.66	-	-	26.92	0.00	3472.74
MW - 12	Manny/Elias	05/13/19	3499.66	-	-	26.94	0.00	3472.72
MW - 12	Manny/Elias	06/06/19	3499.66	-	-	27.25	0.00	3472.41
MW - 12	Manny/Elias	07/17/19	3499.66	-	-	27.64	0.00	3472.02
MW - 12	Elias	09/10/19	3499.66	-	-	28.08	0.00	3471.58
MW - 12	Elias	10/16/19	3499.66	-	-	27.59	0.00	3472.07
MW - 12	Elias	12/03/19	3499.66	38.87	-	27.22	0.00	3472.44
MW - 12	Elias	12/30/19	3499.66	-	-	27.27	0.00	3472.39
MW - 12	Elias	01/14/20	3499.66	-	-	27.23	0.00	3472.43
MW - 12	Elias	02/12/20	3499.66	-	-	27.16	0.00	3472.50

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 12	Elias	05/15/20	3499.66	-	-	26.79	0.00	3472.87
MW - 12	Manny	06/24/20	3499.66	-	-	27.53	0.00	3472.13
MW - 12	Manny	07/28/20	3499.66	-	-	27.98	0.00	3471.68
MW - 12	Manny	08/18/20	3499.66	-	-	28.09	0.00	3471.57
MW - 12	Manny	09/11/20	3499.66	-	-	28.25	0.00	3471.41
MW - 12	Manny	10/30/20	3499.66	-	-	28.33	0.00	3471.33
MW - 12	Manny	11/10/20	3499.66	38.82	-	28.31	0.00	3471.35
MW - 12	Manny	12/30/20	3499.66	-	-	28.29	0.00	3471.37
MW - 12	Manny	01/21/21	3499.66	-	-	28.14	0.00	3471.52
MW - 12	Manny	03/17/21	3499.66	-	-	28.34	0.00	3471.32
MW - 12	Manny	05/26/21	3499.66	-	-	28.28	0.00	3471.38
MW - 12	Manny	07/26/21	3499.66	-	-	28.40	0.00	3471.26
MW - 12	Manny	09/28/21	3499.66	-	-	28.64	0.00	3471.02
MW - 12	Manny	10/13/21	3499.66	-	-	28.59	0.00	3471.07
MW - 12	Manny	12/01/21	3499.66	38.81	-	28.58	0.00	3471.08
MW - 12	Manny	01/13/22	3499.66	-	-	28.53	0.00	3471.13
MW - 12	Manny	03/03/22	3499.66	-	-	28.63	0.00	3471.03
MW - 12	Manny	04/28/22	3499.66	-	-	28.62	0.00	3471.04
MW - 12	Manny	05/31/22	3499.66	-	-	29.08	0.00	3470.58
MW - 12	Manny	08/23/22	3499.66	-	-	29.70	0.00	3469.96
MW - 12	Manny	10/19/22	3499.66	38.88	-	29.45	0.00	3470.21
MW - 12	Manny	03/07/23	3499.66	-	-	28.93	0.00	3470.73
MW - 12	Manny	05/01/23	3499.66	-	-	28.80	0.00	3470.86
MW - 12	Manny	08/29/23	3499.66	-	-	29.90	0.00	3469.76
MW - 12	Manny	11/29/23	3499.66	38.89	-	29.32	0.00	3470.34
MW - 12	Manny	03/25/24	3499.66	-	-	29.02	0.00	3470.64
MW - 12	Manny	06/19/24	3499.66	-	-	29.85	0.00	3469.81
MW - 12	Manny	09/10/24	3499.66	-	-	30.25	0.00	3469.41
MW - 12	Manny	11/13/24	3499.66	38.72	-	30.26	0.00	3469.40
MW - 13		06/07/02	3501.60	-	-	29.51	0.00	3472.09
MW - 13		09/27/02	3501.60	-	-	29.66	0.00	3471.94
MW - 13		12/04/02	3501.60	-	-	29.37	0.00	3472.23
MW - 13		02/25/03	3501.60	-	-	29.34	0.00	3472.26
MW - 13		05/22/03	3501.60	-	-	29.41	0.00	3472.19
MW - 13		08/26/03	3501.60	-	-	30.57	0.00	3471.03
MW - 13		11/25/03	3501.60	-	-	30.77	0.00	3470.83
MW - 13		02/10/04	3501.60	-	-	30.75	0.00	3470.85
MW - 13		05/10/04	3501.60	-	-	27.80	0.00	3473.80
MW - 13		08/25/04	3501.60	-	-	28.58	0.00	3473.02
MW - 13		12/01/04	3501.60	-	-	26.90	0.00	3474.70
MW - 13		03/10/05	3501.60	-	-	26.55	0.00	3475.05
MW - 13		06/10/05	3501.60	-	-	26.17	0.00	3475.43
MW - 13		09/09/05	3501.60	-	-	26.53	0.00	3475.07
MW - 13		09/13/05	P&A	-	-	-	-	-
MW - 14		06/07/02	3498.54	-	-	29.00	0.00	3469.54
MW - 14		09/27/02	3498.54	-	-	29.13	0.00	3469.41
MW - 14		12/04/02	3498.54	-	-	28.79	0.00	3469.75
MW - 14		02/25/03	3498.54	-	-	28.74	0.00	3469.80
MW - 14		05/22/03	3498.54	-	-	28.78	0.00	3469.76
MW - 14		08/26/03	3498.54	-	-	29.87	0.00	3468.67
MW - 14		11/25/03	3498.54	-	-	30.07	0.00	3468.47
MW - 14		02/10/04	3498.54	-	-	30.11	0.00	3468.43
MW - 14		05/10/04	3498.54	-	-	27.81	0.00	3470.73
MW - 14		12/02/04	3498.54	-	-	26.76	0.00	3471.78
MW - 14		01/11/05	3498.54	-	26.20	27.82	1.62	3472.10
MW - 14		01/14/05	3498.54	-	26.85	27.90	1.05	3471.53
MW - 14		01/18/05	3498.54	-	26.64	27.80	1.16	3471.73
MW - 14		01/21/05	3498.54	-	26.98	27.15	0.17	3471.53
MW - 14		01/25/05	3498.54	-	26.80	26.89	0.09	3471.73
MW - 14		01/28/05	3498.54	-	sheen	26.79	0.00	3471.75
MW - 14		02/02/05	3498.54	-	sheen	26.69	0.00	3471.85

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 14		02/05/05	3498.54	-	sheen	26.43	0.00	3472.11
MW - 14		02/08/05	3498.54	-	sheen	26.47	0.00	3472.07
MW - 14		03/10/05	3498.54	-	-	26.05	0.00	3472.49
MW - 14		06/10/05	3498.54	-	-	25.40	0.00	3473.14
MW - 14		09/09/05	3498.54	-	-	25.94	0.00	3472.60
MW - 14		12/05/05	3498.54	-	-	25.81	0.00	3472.73
MW - 14		03/09/06	3498.54	-	-	25.58	0.00	3472.96
MW - 14		06/08/06	3498.54	-	-	26.16	0.00	3472.38
MW - 14		09/15/06	3498.54	-	-	25.74	0.00	3472.80
MW - 14		11/29/06	3498.54	-	-	25.56	0.00	3472.98
MW - 14		02/26/07	3498.54	-	-	25.60	0.00	3472.94
MW - 14		05/21/07	3498.54	-	-	24.93	0.00	3473.61
MW - 14		08/16/07	3498.54	-	-	25.93	0.00	3472.61
MW - 14		11/07/07	3498.54	-	-	25.51	0.00	3473.03
MW - 14		02/12/08	3498.54	-	-	25.51	0.00	3473.03
MW - 14		05/15/08	3498.54	-	-	25.66	0.00	3472.88
MW - 14		08/18/08	3498.54	-	-	26.74	0.00	3471.80
MW - 14		11/13/08	3498.54	-	-	26.11	0.00	3472.43
MW - 14		02/11/09	3498.54	-	-	26.17	0.00	3472.37
MW - 14		05/13/09	3498.54	-	-	26.28	0.00	3472.26
MW - 14		08/11/09	3498.54	-	-	27.10	0.00	3471.44
MW - 14		11/23/09	3498.54	-	-	27.29	0.00	3471.25
MW - 14		01/05/09	3498.54	-	-	27.19	0.00	3471.35
MW - 14		02/10/10	3498.54	-	-	27.31	0.00	3471.23
MW - 14		05/25/10	3498.54	-	-	27.28	0.00	3471.26
MW - 14		08/13/10	3498.54	-	-	27.28	0.00	3471.26
MW - 14		11/17/10	3498.54	-	-	27.28	0.00	3471.26
MW - 14		02/22/11	3498.54	-	-	27.26	0.00	3471.28
MW - 14		05/17/11	3498.54	-	-	27.29	0.00	3471.25
MW - 14		08/11/11	3498.54	-	-	27.95	0.00	3470.59
MW - 14		11/08/11	3498.54	-	-	28.10	0.00	3470.44
MW - 14		03/01/12	3498.54	-	-	27.76	0.00	3470.78
MW - 14		05/23/12	3498.54	-	-	27.70	0.00	3470.84
MW - 14		08/09/12	3498.54	-	-	28.28	0.00	3470.26
MW - 14		11/19/12	3498.54	-	-	28.29	0.00	3470.25
MW - 14		02/12/13	3498.54	-	-	28.21	0.00	3470.33
MW - 14		05/15/13	3498.54	-	-	28.10	0.00	3470.44
MW - 14		08/07/13	3498.54	-	-	28.65	0.00	3469.89
MW - 14		11/26/13	3498.54	36.93	-	28.80	0.00	3469.74
MW - 14	John F.	02/10/14	3498.54	-	-	28.66	0.00	3469.88
MW - 14	David	05/22/14	3498.54	-	-	28.73	0.00	3469.81
MW - 14	Manny	07/22/14	3498.54	-	-	29.31	0.00	3469.23
MW - 14	David	08/13/14	3498.54	-	-	29.44	0.00	3469.10
MW - 14		10/27/14	3498.54	-	-	27.27	0.00	3471.27
MW - 14	Manny	11/05/14	3498.54	36.95	-	27.53	0.00	3471.01
MW - 14	Chance	11/18/14	3498.54	-	-	27.06	0.00	3471.48
MW - 14	Carlos	01/09/15	3498.54	-	-	27.58	0.00	3470.96
MW - 14	Manny	02/17/15	3498.54	-	-	27.56	0.00	3470.98
MW - 14	Manny	03/31/15	3498.54	-	-	27.25	0.00	3471.29
MW - 14	Manny	05/14/15	3498.54	-	-	26.79	0.00	3471.75
MW - 14	Manny/ Arthur	07/09/15	3498.54	-	-	27.07	0.00	3471.47
MW - 14	Manny/ Arthur	08/04/15	3498.54	-	-	27.53	0.00	3471.01
MW - 14	Manny	11/16/15	3498.54	36.96	-	26.92	0.00	3471.62
MW - 14	Manny	01/15/16	3498.54	-	-	27.05	0.00	3471.49
MW - 14	Manny	02/10/16	3498.54	-	-	27.02	0.00	3471.52
MW - 14	Manny	04/15/16	3498.54	-	-	26.65	0.00	3471.89
MW - 14	Manny	05/24/16	3498.54	-	-	26.87	0.00	3471.67
MW - 14	Manny	06/28/16	3498.54	-	-	27.35	0.00	3471.19
MW - 14	Carlos	07/21/16	3498.54	-	-	27.76	0.00	3470.78
MW - 14	Manny/ wes	08/18/16	3498.54	-	-	27.93	0.00	3470.61
MW - 14	Wesley	10/25/16	3498.54	37.01	-	25.43	0.00	3473.11
MW - 14	Manny	11/21/16	3498.54	36.91	-	25.67	0.00	3472.87
MW - 14	Carlos	12/27/16	3498.54	-	-	25.95	0.00	3472.59

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 14	Carlos	01/24/17	3498.54	-	-	25.85	0.00	3472.69
MW - 14	Carlos	02/28/17	3498.54	-	-	26.04	0.00	3472.50
MW - 14	Manny/ Jeremy	04/19/17	3498.54	-	-	25.64	0.00	3472.90
MW - 14	Jeremy	05/18/17	3498.54	-	-	25.86	0.00	3472.68
MW - 14	Jeremy	06/12/17	3498.54	-	-	26.13	0.00	3472.41
MW - 14	Jeremy	07/25/17	3498.54	-	-	26.58	0.00	3471.96
MW - 14	Jeremy	08/14/17	3498.54	-	-	25.90	0.00	3472.64
MW - 14	Jeremy	10/17/17	3498.54	-	-	25.16	0.00	3473.38
MW - 14	Jeremy	11/15/17	3498.54	-	-	25.88	0.00	3472.66
MW - 14	Jeremy	12/22/17	3498.54	-	-	25.91	0.00	3472.63
MW - 14	Jeremy	01/17/18	3498.54	-	-	25.92	0.00	3472.62
MW - 14	Jeremy	02/19/18	3498.54	-	-	25.79	0.00	3472.75
MW - 14	Jeremy	03/28/18	3498.54	-	-	25.89	0.00	3472.65
MW - 14	Jeremy	04/27/18	3498.54	-	-	25.96	0.00	3472.58
MW - 14	Jeremy	05/15/18	3498.54	-	-	26.08	0.00	3472.46
MW - 14	Jeremy	06/29/18	3498.54	-	-	26.65	0.00	3471.89
MW - 14	Jeremy	07/16/18	3498.54	-	-	27.93	0.00	3470.61
MW - 14	Jeremy	08/14/18	3498.54	-	-	27.38	0.00	3471.16
MW - 14	Jeremy	11/28/18	3498.54	36.70	-	26.33	0.00	3472.21
MW - 14	Jeremy	12/14/18	3498.54	-	-	26.50	0.00	3472.04
MW - 14	Manny/Elias	01/29/19	3498.54	-	-	26.39	0.00	3472.15
MW - 14	Manny/Elias	03/04/19	3498.54	-	-	26.39	0.00	3472.15
MW - 14	Jeremy	03/29/19	3498.54	-	-	25.95	0.00	3472.59
MW - 14	Jeremy	04/18/19	3498.54	-	-	26.15	0.00	3472.39
MW - 14	Manny/Elias	05/13/19	3498.54	-	-	26.20	0.00	3472.34
MW - 14	Manny/Elias	06/06/19	3498.54	-	-	26.50	0.00	3472.04
MW - 14	Manny/Elias	07/17/19	3498.54	-	-	26.73	0.00	3471.81
MW - 14	Elias	09/10/19	3498.54	-	-	27.16	0.00	3471.38
MW - 14	Elias	10/16/19	3498.54	-	-	26.50	0.00	3472.04
MW - 14	Elias	12/03/19	3498.54	36.77	-	26.25	0.00	3472.29
MW - 14	Elias	12/30/19	3498.54	-	-	26.49	0.00	3472.05
MW - 14	Elias	01/14/20	3498.54	-	-	26.48	0.00	3472.06
MW - 14	Elias	02/12/20	3498.54	-	-	26.39	0.00	3472.15
MW - 14	Elias	05/15/20	3498.54	-	-	26.04	0.00	3472.50
MW - 14	Manny	06/24/20	3498.54	-	-	26.79	0.00	3471.75
MW - 14	Manny	07/28/20	3498.54	-	-	27.22	0.00	3471.32
MW - 14	Manny	08/18/20	3498.54	-	-	27.31	0.00	3471.23
MW - 14	Manny	09/11/20	3498.54	-	-	27.49	0.00	3471.05
MW - 14	Manny	10/30/20	3498.54	-	-	27.64	0.00	3470.90
MW - 14	Manny	11/10/20	3498.54	36.59	-	27.57	0.00	3470.97
MW - 14	Manny	12/30/20	3498.54	-	-	27.59	0.00	3470.95
MW - 14	Manny	01/21/21	3498.54	-	-	27.45	0.00	3471.09
MW - 14	Manny	03/17/21	3498.54	-	-	27.64	0.00	3470.90
MW - 14	Manny	05/26/21	3498.54	-	-	27.56	0.00	3470.98
MW - 14	Manny	09/28/21	3498.54	-	-	27.86	0.00	3470.68
MW - 14	Manny	10/13/21	3498.54	-	-	27.73	0.00	3470.81
MW - 14	Manny	12/01/21	3498.54	36.46	-	27.85	0.00	3470.69
MW - 14	Manny	01/13/22	3498.54	-	-	27.83	0.00	3470.71
MW - 14	Manny	03/03/22	3498.54	-	-	27.90	0.00	3470.64
MW - 14	Manny	04/28/22	3498.54	-	-	27.96	0.00	3470.58
MW - 14	Manny	05/31/22	3498.54	-	-	28.36	0.00	3470.18
MW - 14	Manny	08/23/22	3498.54	-	-	29.03	0.00	3469.51
MW - 14	Manny	10/19/22	3498.54	36.44	-	28.71	0.00	3469.83
MW - 14	Manny	03/07/23	3498.54	-	-	28.23	0.00	3470.31
MW - 14	Manny	05/01/23	3498.54	-	-	28.09	0.00	3470.45
MW - 14	Manny	08/29/23	3498.54	-	-	29.19	0.00	3469.35
MW - 14	Manny	11/28/23	3498.54	36.39	-	28.60	0.00	3469.94
MW - 14		03/25/24	3498.54	-	-	28.34	0.00	3470.20
MW - 14		06/19/24	3498.54	-	-	29.15	0.00	3469.39
MW - 14		09/10/24	3498.54	-	-	29.58	0.00	3468.96
MW - 14		11/13/24	3498.54	36.35	-	29.40	0.00	3469.14
MW - 15		06/07/02	3500.65	-	-	31.42	0.00	3469.23

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 15		09/27/02	3500.65	-	-	31.40	0.00	3469.25
MW - 15		12/04/02	3500.65	-	-	31.13	0.00	3469.52
MW - 15		02/25/03	3500.65	-	-	31.00	0.00	3469.65
MW - 15		05/22/03	3500.65	-	-	31.08	0.00	3469.57
MW - 15		08/26/03	3500.65	-	-	32.13	0.00	3468.52
MW - 15		11/25/03	3500.65	-	-	32.36	0.00	3468.29
MW - 15		02/10/04	3500.65	-	-	32.37	0.00	3468.28
MW - 15		05/10/04	3500.65	-	-	30.23	0.00	3470.42
MW - 15		08/25/04	3500.65	-	-	30.42	0.00	3470.23
MW - 15		12/01/04	3500.65	-	-	28.83	0.00	3471.82
MW - 15		03/10/05	3500.65	-	-	28.15	0.00	3472.50
MW - 15		06/10/05	3500.65	-	-	27.56	0.00	3473.09
MW - 15		09/09/05	3500.65	-	-	28.14	0.00	3472.51
MW - 15		12/05/05	3500.65	-	-	27.90	0.00	3472.75
MW - 15		03/09/06	3500.65	-	-	27.73	0.00	3472.92
MW - 15		06/08/06	3500.65	-	-	28.31	0.00	3472.34
MW - 15		09/15/06	3500.65	-	-	28.02	0.00	3472.63
MW - 15		11/29/06	3500.65	-	-	27.76	0.00	3472.89
MW - 15		02/26/07	3500.65	-	-	27.70	0.00	3472.95
MW - 15		05/21/07	3500.65	-	-	27.26	0.00	3473.39
MW - 15		08/16/07	3500.65	-	-	28.11	0.00	3472.54
MW - 15		11/07/07	3500.65	-	-	27.69	0.00	3472.96
MW - 15		02/12/08	3500.65	-	-	28.34	0.00	3472.31
MW - 15		05/15/08	3500.65	-	-	27.86	0.00	3472.79
MW - 15		08/18/08	3500.65	-	-	28.97	0.00	3471.68
MW - 15		11/13/08	3500.65	-	-	28.37	0.00	3472.28
MW - 15		02/11/09	3500.65	-	-	28.39	0.00	3472.26
MW - 15		05/13/09	3500.65	-	-	28.49	0.00	3472.16
MW - 15		08/11/09	3500.65	-	-	29.32	0.00	3471.33
MW - 15		11/23/09	3500.65	-	-	29.56	0.00	3471.09
MW - 15		01/05/10	3500.65	-	-	29.41	0.00	3471.24
MW - 15		02/10/10	3500.65	-	-	29.58	0.00	3471.07
MW - 15		05/25/10	3500.65	-	-	29.53	0.00	3471.12
MW - 15		08/13/10	3500.65	-	-	29.52	0.00	3471.13
MW - 15		11/17/10	3500.65	-	-	29.59	0.00	3471.06
MW - 15		02/22/11	3500.65	-	-	29.58	0.00	3471.07
MW - 15		05/17/11	3500.65	-	-	29.58	0.00	3471.07
MW - 15		08/11/11	3500.65	-	-	30.15	0.00	3470.50
MW - 15		11/08/11	3500.65	-	-	30.40	0.00	3470.25
MW - 15		03/01/12	3500.65	-	-	30.06	0.00	3470.59
MW - 15		05/23/12	3500.65	-	-	30.05	0.00	3470.60
MW - 15		08/09/12	3500.65	-	-	30.64	0.00	3470.01
MW - 15		11/19/12	3500.65	-	-	30.60	0.00	3470.05
MW - 15		02/12/13	3500.65	-	-	30.52	0.00	3470.13
MW - 15		05/15/13	3500.65	-	-	30.45	0.00	3470.20
MW - 15		08/07/13	3500.65	-	-	31.08	0.00	3469.57
MW - 15		11/27/13	3500.65	32.78	-	31.18	0.00	3469.47
MW - 15	John F.	02/10/14	3500.65	-	-	30.98	0.00	3469.67
MW - 15	David	05/22/14	3500.65	-	-	31.05	0.00	3469.60
MW - 15	Manny	07/22/14	3500.65	-	-	31.72	0.00	3468.93
MW - 15	David	08/13/14	3500.65	-	-	31.81	0.00	3468.84
MW - 15		10/27/14	3500.65	-	-	29.82	0.00	3470.83
MW - 15	Manny	11/05/14	3500.65	32.79	-	29.99	0.00	3470.66
MW - 15	Carlos	01/09/15	3500.65	-	-	29.86	0.00	3470.79
MW - 15	Manny	02/17/15	3500.65	-	-	29.79	0.00	3470.86
MW - 15	Manny	03/31/15	3500.65	-	-	29.47	0.00	3471.18
MW - 15	Manny	05/14/15	3500.65	-	-	29.17	0.00	3471.48
MW - 15	Manny/ Arthur	07/09/15	3500.65	-	-	29.44	0.00	3471.21
MW - 15	Manny/ Arthur	08/04/15	3500.65	-	-	29.86	0.00	3470.79
MW - 15	Manny	11/16/15	3500.65	32.80	-	29.29	0.00	3471.36
MW - 15	Manny	01/15/16	3500.65	-	-	29.34	0.00	3471.31
MW - 15	Manny	02/10/16	3500.65	-	-	29.32	0.00	3471.33
MW - 15	Manny	04/15/16	3500.65	-	-	28.97	0.00	3471.68

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
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LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 15	Manny	05/24/16	3500.65	-	-	29.12	0.00	3471.53
MW - 15	Manny	06/28/16	3500.65	-	-	29.64	0.00	3471.01
MW - 15	Carlos	07/21/16	3500.65	-	-	30.04	0.00	3470.61
MW - 15	Manny/ Wes	08/18/16	3500.65	-	-	30.25	0.00	3470.40
MW - 15	Wesley	10/25/16	3500.65	32.70	-	27.65	0.00	3473.00
MW - 15	Manny	11/21/16	3500.65	32.68	-	27.90	0.00	3472.75
MW - 15	Carlos	12/27/16	3500.65	-	-	28.10	0.00	3472.55
MW - 15	Carlos	01/24/17	3500.65	-	-	28.01	0.00	3472.64
MW - 15	Carlos	02/28/17	3500.65	-	-	28.16	0.00	3472.49
MW - 15	Manny/ Jeremy	04/19/17	3500.65	-	-	27.82	0.00	3472.83
MW - 15	Jeremy	05/18/17	3500.65	-	-	28.03	0.00	3472.62
MW - 15	Jeremy	06/12/17	3500.65	-	-	28.28	0.00	3472.37
MW - 15	Jeremy	07/25/17	3500.65	-	-	27.76	0.00	3472.89
MW - 15	Jeremy	08/14/17	3500.65	-	-	28.33	0.00	3472.32
MW - 15	Jeremy	10/17/17	3500.65	-	-	27.99	0.00	3472.66
MW - 15	Manny/ Jeremy	11/15/17	3500.65	32.49	-	28.12	0.00	3472.53
MW - 15	Jeremy	12/22/17	3500.65	-	-	28.14	0.00	3472.51
MW - 15	Jeremy	01/17/18	3500.65	-	-	28.14	0.00	3472.51
MW - 15	Jeremy	02/19/18	3500.65	-	-	28.01	0.00	3472.64
MW - 15	Jeremy	03/28/18	3500.65	-	-	28.12	0.00	3472.53
MW - 15	Jeremy	04/27/18	3500.65	-	-	28.21	0.00	3472.44
MW - 15	Jeremy	05/15/18	3500.65	-	-	28.29	0.00	3472.36
MW - 15	Jeremy	06/29/18	3500.65	-	-	28.88	0.00	3471.77
MW - 15	Jeremy	07/16/18	3500.65	-	-	29.12	0.00	3471.53
MW - 15	Jeremy	08/14/18	3500.65	-	-	29.50	0.00	3471.15
MW - 15	Jeremy	11/28/18	3500.65	32.03	-	28.61	0.00	3472.04
MW - 15	Jeremy	12/14/18	3500.65	-	-	28.75	0.00	3471.90
MW - 15	Manny/Elias	01/29/19	3500.65	-	-	28.65	0.00	3472.00
MW - 15	Manny/Elias	03/04/19	3500.65	-	-	28.66	0.00	3471.99
MW - 15	Jeremy	03/29/19	3500.65	-	-	28.31	0.00	3472.34
MW - 15	Manny/Elias	04/18/19	3500.65	-	-	28.43	0.00	3472.22
MW - 15	Manny/Elias	05/13/19	3500.65	-	-	28.47	0.00	3472.18
MW - 15	Manny/Elias	06/06/19	3500.65	-	-	28.72	0.00	3471.93
MW - 15	Manny/Elias	07/17/19	3500.65	-	-	29.05	0.00	3471.60
MW - 15	Elias	09/10/19	3500.65	-	-	29.45	0.00	3471.20
MW - 15	Elias	10/16/19	3500.65	-	-	28.93	0.00	3471.72
MW - 15	Elias	12/03/19	3500.65	31.92	-	28.63	0.00	3472.02
MW - 15	Elias	12/30/19	3500.65	-	-	28.73	0.00	3471.92
MW - 15	Elias	01/14/20	3500.65	-	-	28.72	0.00	3471.93
MW - 15	Elias	02/12/20	3500.65	-	-	28.63	0.00	3472.02
MW - 15	Elias	05/15/20	3500.65	-	-	28.27	0.00	3472.38
MW - 15	Manny	06/24/20	3500.65	-	-	29.00	0.00	3471.65
MW - 15	Manny	07/28/20	3500.65	-	-	29.44	0.00	3471.21
MW - 15	Manny	08/18/20	3500.65	-	-	29.54	0.00	3471.11
MW - 15	Manny	09/11/20	3500.65	-	-	29.70	0.00	3470.95
MW - 15	Manny	10/30/20	3500.65	-	-	29.86	0.00	3470.79
MW - 15	Manny	11/10/20	3500.65	31.85	-	29.68	0.00	3470.97
MW - 15	Manny	12/30/20	3500.65	-	-	29.82	0.00	3470.83
MW - 15	Manny	01/21/21	3500.65	-	-	29.70	0.00	3470.95
MW - 15	Manny	03/17/21	3500.65	-	-	29.87	0.00	3470.78
MW - 15	Manny	05/26/21	3500.65	-	-	29.85	0.00	3470.80
MW - 15	Manny	07/26/21	3500.65	-	-	29.91	0.00	3470.74
MW - 15	Manny	09/28/21	3500.65	-	-	30.22	0.00	3470.43
MW - 15	Manny	10/13/21	3500.65	-	-	30.10	0.00	3470.55
MW - 15	Manny	12/01/21	3500.65	31.67	-	30.13	0.00	3470.52
MW - 15	Manny	01/13/22	3500.65	-	-	30.09	0.00	3470.56
MW - 15	Manny	03/03/22	3500.65	-	-	30.15	0.00	3470.50
MW - 15	Manny	04/28/22	3500.65	-	-	30.23	0.00	3470.42
MW - 15	Manny	05/31/22	3500.65	-	-	30.68	0.00	3469.97
MW - 15	Manny	08/23/22	3500.65	-	-	31.31	0.00	3469.34
MW - 15	Manny	10/19/22	3500.65	31.61	-	31.00	0.00	3469.65
MW - 15	Manny	03/07/23	3500.65	-	-	30.52	0.00	3470.13
MW - 15	Manny	05/01/23	3500.65	-	-	30.38	0.00	3470.27

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 15	Manny	08/29/23	3500.65	-	-	31.50	0.00	3469.15
MW - 15	Manny	11/28/23	3500.65	Dry	-	-	-	-
MW - 15		03/25/24	3500.65	-	-	30.69	0.00	3469.96
MW - 15		06/19/24	3500.65	-	-	31.49	0.00	3469.16
MW - 15		09/10/24	3500.65	Dry	-	-	-	-
MW - 15		11/13/24	3500.65	Dry	-	-	-	-
MW - 16		06/07/02	3501.45	-	-	32.78	0.00	3468.67
MW - 16		09/27/02	3501.45	-	-	32.77	0.00	3468.68
MW - 16		12/04/02	3501.45	-	-	32.49	0.00	3468.96
MW - 16		02/25/03	3501.45	-	-	32.36	0.00	3469.09
MW - 16		05/22/03	3501.45	-	-	32.41	0.00	3469.04
MW - 16		08/26/03	3501.45	-	-	33.50	0.00	3467.95
MW - 16		11/25/03	3501.45	-	-	33.73	0.00	3467.72
MW - 16		02/10/04	3501.45	-	-	33.78	0.00	3467.67
MW - 16		05/10/04	3501.45	-	-	31.77	0.00	3469.68
MW - 16		08/25/04	3501.45	-	-	31.79	0.00	3469.66
MW - 16		12/01/04	3501.45	-	-	30.27	0.00	3471.18
MW - 16		03/10/05	3501.45	-	-	25.60	0.00	3475.85
MW - 16		06/10/05	3501.45	-	-	28.95	0.00	3472.50
MW - 16		09/09/05	3501.45	-	-	29.51	0.00	3471.94
MW - 16		12/05/05	3501.45	-	-	29.30	0.00	3472.15
MW - 16		03/09/06	3501.45	-	-	29.09	0.00	3472.36
MW - 16		06/08/06	3501.45	-	-	29.71	0.00	3471.74
MW - 16		09/15/06	3501.45	-	-	29.41	0.00	3472.04
MW - 16		11/29/06	3501.45	-	-	29.13	0.00	3472.32
MW - 16		02/26/07	3501.45	-	-	29.06	0.00	3472.39
MW - 16		05/21/07	3501.45	-	-	28.58	0.00	3472.87
MW - 16		08/16/07	3501.45	-	-	29.48	0.00	3471.97
MW - 16		11/07/07	3501.45	-	-	29.07	0.00	3472.38
MW - 16		02/12/08	3501.45	-	-	29.67	0.00	3471.78
MW - 16		05/15/08	3501.45	-	-	29.24	0.00	3472.21
MW - 16		08/18/08	3501.45	-	-	30.34	0.00	3471.11
MW - 16		11/13/08	3501.45	-	-	29.78	0.00	3471.67
MW - 16		02/11/09	3501.45	-	-	29.85	0.00	3471.60
MW - 16		05/13/09	3501.45	-	-	29.84	0.00	3471.61
MW - 16		08/11/09	3501.45	-	-	30.73	0.00	3470.72
MW - 16		11/23/09	3501.45	-	-	30.94	0.00	3470.51
MW - 16		01/05/10	3501.45	-	-	30.86	0.00	3470.59
MW - 16		02/10/10	3501.45	-	-	30.96	0.00	3470.49
MW - 16		05/25/10	3501.45	-	-	30.92	0.00	3470.53
MW - 16		08/13/10	3501.45	-	-	30.93	0.00	3470.52
MW - 16		11/17/10	3501.45	-	-	30.92	0.00	3470.53
MW - 16		02/22/11	3501.45	-	-	30.91	0.00	3470.54
MW - 16		05/17/11	3501.45	-	-	30.94	0.00	3470.51
MW - 16		08/11/11	3501.45	-	-	30.96	0.00	3470.49
MW - 16		11/08/11	3501.45	-	-	31.75	0.00	3469.70
MW - 16		03/01/12	3501.45	-	-	31.45	0.00	3470.00
MW - 16		05/23/12	3501.45	-	-	31.43	0.00	3470.02
MW - 16		08/09/12	3501.45	-	-	31.23	0.00	3470.22
MW - 16		11/19/12	3501.45	-	-	32.01	0.00	3469.44
MW - 16		02/12/13	3501.45	-	-	31.89	0.00	3469.56
MW - 16		05/15/13	3501.45	-	-	31.81	0.00	3469.64
MW - 16		08/07/13	3501.45	-	-	32.45	0.00	3469.00
MW - 16		11/26/13	3501.45	37.16	-	32.57	0.00	3468.88
MW - 16	John F.	02/10/14	3501.45	-	-	32.37	0.00	3469.08
MW - 16	David	05/22/14	3501.45	-	-	32.45	0.00	3469.00
MW - 16	Manny	07/22/14	3501.45	-	-	33.04	0.00	3468.41
MW - 16	David	08/13/14	3501.45	-	-	33.16	0.00	3468.29
MW - 16		10/27/14	3501.45	-	-	31.26	0.00	3470.19
MW - 16	Manny	11/05/14	3501.45	37.21	-	31.40	0.00	3470.05
MW - 16	Carlos	01/09/15	3501.45	-	-	31.26	0.00	3470.19
MW - 16	Manny	02/17/15	3501.45	-	-	31.17	0.00	3470.28

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 16	Manny	03/31/15	3501.45	-	-	30.89	0.00	3470.56
MW - 16	Manny	05/14/15	3501.45	-	-	30.59	0.00	3470.86
MW - 16	Manny/ Arthur	07/09/15	3501.45	-	-	30.83	0.00	3470.62
MW - 16	Manny/ Arthur	08/04/15	3501.45	-	-	31.24	0.00	3470.21
MW - 16	Manny	11/16/15	3501.45	37.21	-	30.68	0.00	3470.77
MW - 16	Manny	01/15/16	3501.45	-	-	30.73	0.00	3470.72
MW - 16	Manny	02/10/16	3501.45	-	-	30.72	0.00	3470.73
MW - 16	Manny	04/15/16	3501.45	-	-	30.36	0.00	3471.09
MW - 16	Manny	05/24/16	3501.45	-	-	30.54	0.00	3470.91
MW - 16	Manny	06/28/16	3501.45	-	-	31.04	0.00	3470.41
MW - 16	Carlos	07/21/16	3501.45	-	-	31.40	0.00	3470.05
MW - 16	Manny/ Wes	08/18/16	3501.45	-	-	31.60	0.00	3469.85
MW - 16	Wesley	10/25/16	3501.45	37.20	-	29.10	0.00	3472.35
MW - 16	Manny	11/21/16	3501.45	37.21	-	29.32	0.00	3472.13
MW - 16	Carlos	12/27/16	3501.45	-	-	29.52	0.00	3471.93
MW - 16	Carlos	01/24/17	3501.45	-	-	29.40	0.00	3472.05
MW - 16	Carlos	02/28/17	3501.45	-	-	29.60	0.00	3471.85
MW - 16	Manny/ Jeremy	04/19/17	3501.45	-	-	29.20	0.00	3472.25
MW - 16	Jeremy	05/18/17	3501.45	-	-	29.44	0.00	3472.01
MW - 16	Jeremy	06/12/17	3501.45	-	-	29.71	0.00	3471.74
MW - 16	Jeremy	07/25/17	3501.45	-	-	30.19	0.00	3471.26
MW - 16	Jeremy	08/14/17	3501.45	-	-	29.70	0.00	3471.75
MW - 16	Jeremy	10/17/17	3501.45	-	-	29.38	0.00	3472.07
MW - 16	Manny/ Jeremy	11/15/17	3501.45	37.14	-	29.51	0.00	3471.94
MW - 16	Jeremy	12/22/17	3501.45	-	-	29.53	0.00	3471.92
MW - 16	Jeremy	01/17/18	3501.45	-	-	29.56	0.00	3471.89
MW - 16	Jeremy	02/19/18	3501.45	-	-	29.39	0.00	3472.06
MW - 16	Jeremy	03/28/18	3501.45	-	-	29.51	0.00	3471.94
MW - 16	Jeremy	04/27/18	3501.45	-	-	29.60	0.00	3471.85
MW - 16	Jeremy	05/15/18	3501.45	-	-	29.70	0.00	3471.75
MW - 16	Jeremy	06/29/18	3501.45	-	-	30.27	0.00	3471.18
MW - 16	Jeremy	07/16/18	3501.45	-	-	30.53	0.00	3470.92
MW - 16	Jeremy	08/14/18	3501.45	-	-	30.88	0.00	3470.57
MW - 16	Jeremy	11/28/18	3501.45	38.40	-	29.98	0.00	3471.47
MW - 16	Jeremy	12/14/18	3501.45	-	-	30.16	0.00	3471.29
MW - 16	Manny/Elias	01/29/19	3501.45	-	-	30.03	0.00	3471.42
MW - 16	Manny/Elias	03/04/19	3501.45	-	-	30.02	0.00	3471.43
MW - 16	Jeremy	03/29/19	3501.45	-	-	29.71	0.00	3471.74
MW - 16	Jeremy	04/18/19	3501.45	-	-	29.86	0.00	3471.59
MW - 16	Manny/Elias	05/13/19	3501.45	-	-	29.87	0.00	3471.58
MW - 16	Manny/Elias	06/06/19	3501.45	-	-	30.12	0.00	3471.33
MW - 16	Manny/Elias	07/17/19	3501.45	-	-	30.45	0.00	3471.00
MW - 16	Elias	09/10/19	3501.45	-	-	30.86	0.00	3470.59
MW - 16	Elias	10/16/19	3501.45	-	-	30.34	0.00	3471.11
MW - 16	Elias	12/03/19	3501.45	37.18	-	30.02	0.00	3471.43
MW - 16	Elias	12/30/19	3501.45	-	-	30.14	0.00	3471.31
MW - 16	Elias	01/14/20	3501.45	-	-	30.12	0.00	3471.33
MW - 16	Elias	02/12/20	3501.45	-	-	30.02	0.00	3471.43
MW - 16	Elias	05/15/20	3501.45	-	-	29.67	0.00	3471.78
MW - 16	Manny	06/24/20	3501.45	-	-	30.40	0.00	3471.05
MW - 16	Manny	07/28/20	3501.45	-	-	30.82	0.00	3470.63
MW - 16	Manny	08/18/20	3501.45	-	-	30.92	0.00	3470.53
MW - 16	Manny	09/11/20	3501.45	-	-	31.09	0.00	3470.36
MW - 16	Manny	10/30/20	3501.45	-	-	31.25	0.00	3470.20
MW - 16	Manny	11/10/20	3501.45	37.12	-	31.09	0.00	3470.36
MW - 16	Manny	12/30/20	3501.45	-	-	31.23	0.00	3470.22
MW - 16	Manny	01/21/21	3501.45	-	-	31.09	0.00	3470.36
MW - 16	Manny	03/17/21	3501.45	-	-	31.27	0.00	3470.18
MW - 16	Manny	05/26/21	3501.45	-	-	31.25	0.00	3470.20
MW - 16	Manny	07/26/21	3501.45	-	-	31.30	0.00	3470.15
MW - 16	Manny	09/28/21	3501.45	-	-	31.59	0.00	3469.86
MW - 16	Manny	10/13/21	3501.45	-	-	31.49	0.00	3469.96
MW - 16	Manny	12/01/21	3501.45	37.14	-	30.57	0.00	3470.88

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 16	Manny	01/13/22	3501.45	-	-	31.47	0.00	3469.98
MW - 16	Manny	03/03/22	3501.45	-	-	31.55	0.00	3469.90
MW - 16	Manny	04/28/22	3501.45	-	-	31.60	0.00	3469.85
MW - 16	Manny	05/31/22	3501.45	-	-	32.04	0.00	3469.41
MW - 16	Manny	08/23/22	3501.45	-	-	32.66	0.00	3468.79
MW - 16	Manny	10/19/22	3501.45	37.09	-	32.40	0.00	3469.05
MW - 16	Manny	03/07/23	3501.45	-	-	31.91	0.00	3469.54
MW - 16	Manny	05/01/23	3501.45	-	-	31.77	0.00	3469.68
MW - 16	Manny	08/29/23	3501.45	-	-	32.84	0.00	3468.61
MW - 16	Manny	11/28/23	3501.45	37.10	-	32.31	0.00	3469.14
MW - 16	Manny	03/25/24	3501.45	-	-	31.99	0.00	3469.46
MW - 16	Manny	06/19/24	3501.45	-	-	32.84	0.00	3468.61
MW - 16	Manny	09/10/24	3501.45	-	-	33.27	0.00	3468.18
MW - 16	Manny	11/13/24	3501.45	37.05	-	33.11	0.00	3468.34
MW - 17		06/07/02	3498.32	-	-	30.25	0.00	3468.07
MW - 17		09/27/02	3498.32	-	-	30.32	0.00	3468.00
MW - 17		12/04/02	3498.32	-	-	30.11	0.00	3468.21
MW - 17		02/25/03	3498.32	-	-	29.94	0.00	3468.38
MW - 17		05/22/03	3498.32	-	-	29.94	0.00	3468.38
MW - 17		08/26/03	3498.32	-	-	31.04	0.00	3467.28
MW - 17		11/24/03	3498.32	-	-	31.25	0.00	3467.07
MW - 17		02/10/04	3498.32	-	-	31.29	0.00	3467.03
MW - 17		05/10/04	3498.32	-	-	29.35	0.00	3468.97
MW - 17		08/25/04	3498.32	-	-	29.31	0.00	3469.01
MW - 17		12/01/04	3498.32	-	-	27.92	0.00	3470.40
MW - 17		03/10/05	3498.32	-	-	27.54	0.00	3470.78
MW - 17		06/10/05	3498.32	-	-	26.47	0.00	3471.85
MW - 17		09/09/05	3498.32	-	-	27.05	0.00	3471.27
MW - 17		12/05/05	3498.32	-	-	26.85	0.00	3471.47
MW - 17		03/09/06	3498.32	-	-	26.64	0.00	3471.68
MW - 17		06/08/06	3498.32	-	-	27.33	0.00	3470.99
MW - 17		09/15/06	3498.32	-	-	27.00	0.00	3471.32
MW - 17		11/29/06	3498.32	-	-	26.74	0.00	3471.58
MW - 17		02/14/07	3498.32	-	-	26.76	0.00	3471.56
MW - 17		02/26/07	3498.32	-	-	26.61	0.00	3471.71
MW - 17		05/21/07	3498.32	-	-	26.23	0.00	3472.09
MW - 17		08/16/07	3498.32	-	-	27.00	0.00	3471.32
MW - 17		11/02/07	3498.32	-	-	26.64	0.00	3471.68
MW - 17		02/12/08	3498.32	-	-	27.32	0.00	3471.00
MW - 17		05/15/08	3498.32	-	-	26.85	0.00	3471.47
MW - 17		08/18/08	3498.32	-	-	27.87	0.00	3470.45
MW - 17		09/17/08	3498.32	-	-	27.65	0.00	3470.67
MW - 17		09/29/08	3498.32	-	-	27.57	0.00	3470.75
MW - 17		10/06/08	3498.32	-	-	27.61	0.00	3470.71
MW - 17		10/13/08	3498.32	-	-	27.74	0.00	3470.58
MW - 17		10/20/08	3498.32	-	-	27.75	0.00	3470.57
MW - 17		10/29/08	3498.32	-	-	27.56	0.00	3470.76
MW - 17		11/05/08	3498.32	-	-	27.38	0.00	3470.94
MW - 17		11/10/08	3498.32	-	-	27.43	0.00	3470.89
MW - 17		11/13/08	3498.32	-	-	27.48	0.00	3470.84
MW - 17		12/03/08	3498.32	-	-	27.45	0.00	3470.87
MW - 17		12/16/08	3498.32	-	-	27.39	0.00	3470.93
MW - 17		12/30/08	3498.32	-	-	27.49	0.00	3470.83
MW - 17		02/11/09	3498.32	-	-	27.50	0.00	3470.82
MW - 17		02/24/09	3498.32	-	-	27.41	0.00	3470.91
MW - 17		03/04/09	3498.32	-	-	27.37	0.00	3470.95
MW - 17		03/17/09	3498.32	-	-	27.43	0.00	3470.89
MW - 17		03/25/09	3498.32	-	-	27.44	0.00	3470.88
MW - 17		04/08/09	3498.32	-	-	27.42	0.00	3470.90
MW - 17		04/15/09	3498.32	-	-	26.72	0.00	3471.60
MW - 17		04/29/09	3498.32	-	-	27.43	0.00	3470.89
MW - 17		05/13/09	3498.32	-	-	27.46	0.00	3470.86

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 17		06/10/09	3498.32	-	-	27.48	0.00	3470.84
MW - 17		06/12/09	3498.32	-	-	27.94	0.00	3470.38
MW - 17		06/18/09	3498.32	-	-	27.48	0.00	3470.84
MW - 17		07/02/09	3498.32	-	-	28.09	0.00	3470.23
MW - 17		07/08/09	3498.32	-	-	28.06	0.00	3470.26
MW - 17		07/14/09	3498.32	-	-	28.11	0.00	3470.21
MW - 17		07/20/09	3498.32	-	-	28.13	0.00	3470.19
MW - 17		07/27/09	3498.32	-	-	28.13	0.00	3470.19
MW - 17		08/03/09	3498.32	-	-	28.15	0.00	3470.17
MW - 17		08/11/09	3498.32	-	-	28.29	0.00	3470.03
MW - 17		08/24/09	3498.32	-	-	38.23	0.00	3460.09
MW - 17		08/31/09	3498.32	-	-	38.27	0.00	3460.05
MW - 17		09/08/09	3498.32	-	-	28.46	0.00	3469.86
MW - 17		09/22/09	3498.32	-	-	28.46	0.00	3469.86
MW - 17		09/29/09	3498.32	-	-	28.15	0.00	3470.17
MW - 17		10/07/09	3498.32	-		28.51	0.00	3469.81
MW - 17		10/12/09	3498.32	-	-	28.09	0.00	3470.23
MW - 17		10/16/09	3498.32	-	-	28.51	0.00	3469.81
MW - 17		10/26/09	3498.32	-	-	28.10	0.00	3470.22
MW - 17		11/12/09	3498.32	-	-	28.54	0.00	3469.78
MW - 17		11/23/09	3498.32	-	-	28.54	0.00	3469.78
MW - 17		12/28/09	3498.32	-	-	28.13	0.00	3470.19
MW - 17		01/05/10	3498.32	-	-	28.55	0.00	3469.77
MW - 17		01/20/10	3498.32	-	-	28.12	0.00	3470.20
MW - 17		01/25/10	3498.32	-	-	28.13	0.00	3470.19
MW - 17		02/10/10	3498.32	-	-	28.60	0.00	3469.72
MW - 17		03/01/10	3498.32	-	-	28.15	0.00	3470.17
MW - 17		05/25/10	3498.32	-	-	28.47	0.00	3469.85
MW - 17		06/07/10	3498.32	-	-	28.46	0.00	3469.86
MW - 17		06/12/10	3498.32	-	-	28.56	0.00	3469.76
MW - 17		06/25/10	3498.32	-	-	28.93	0.00	3469.39
MW - 17		07/07/10	3498.32	-	-	28.26	0.00	3470.06
MW - 17		07/12/10	3498.32	-	-	27.78	0.00	3470.54
MW - 17		07/26/10	3498.32	-	-	-	0.00	-
MW - 17		08/03/10	3498.32	-	-	27.61	0.00	3470.71
MW - 17		08/13/10	3498.32	-	-	27.60	0.00	3470.72
MW - 17		08/19/10	3498.32	-	-	27.66	0.00	3470.66
MW - 17		08/25/10	3498.32	-	-	27.77	0.00	3470.55
MW - 17		09/01/10	3498.32	-	-	27.67	0.00	3470.65
MW - 17		09/09/10	3498.32	-	-	27.73	0.00	3470.59
MW - 17		09/29/10	3498.32	-	-	27.73	0.00	3470.59
MW - 17		11/03/10	3498.32	-	-	27.57	0.00	3470.75
MW - 17		11/10/10	3498.32	-	-	28.91	0.00	3469.41
MW - 17		11/18/10	3498.32	-	-	28.52	0.00	3469.80
MW - 17		12/09/10	3498.32	-	-	27.64	0.00	3470.68
MW - 17		02/22/11	3498.32	-	-	28.50	0.00	3469.82
MW - 17		03/01/11	3498.32	-	sheen	28.11	0.00	3470.21
MW - 17		03/07/11	3498.32	-	sheen	27.99	0.00	3470.33
MW - 17		04/27/11	3498.32	-	-	28.30	0.00	3470.02
MW - 17		05/05/11	3498.32	-	sheen	28.29	0.00	3470.03
MW - 17		05/10/11	3498.32	-	-	28.32	0.00	3470.00
MW - 17		05/17/11	3498.32	-	-	28.30	0.00	3470.02
MW - 17		05/17/11	3498.32	-	-	28.30	0.00	3470.02
MW - 17		05/24/11	3498.32	-	-	28.25	0.00	3470.07
MW - 17		06/07/11	3498.32	-	-	28.42	0.00	3469.90
MW - 17		06/14/11	3498.32	-	-	28.43	0.00	3469.89
MW - 17		06/23/11	3498.32	-	-	28.38	0.00	3469.94
MW - 17		06/28/11	3498.32	-	-	28.49	0.00	3469.83
MW - 17		07/06/11	3498.32	-	sheen	28.90	0.00	3469.42
MW - 17		07/14/11	3498.32	-	-	28.88	0.00	3469.44
MW - 17		07/27/11	3498.32	-	-	28.91	0.00	3469.41
MW - 17		08/03/11	3498.32	-	-	29.09	0.00	3469.23
MW - 17		08/11/11	3498.32	-	-	28.96	0.00	3469.36

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 17		08/18/11	3498.32	-	-	29.15	0.00	3469.17
MW - 17		08/25/11	3498.32	-	-	29.23	0.00	3469.09
MW - 17		09/02/11	3498.32	-	-	29.28	0.00	3469.04
MW - 17		09/09/11	3498.32	-	-	29.32	0.00	3469.00
MW - 17		11/08/11	3498.32	-	-	29.35	0.00	3468.97
MW - 17		12/28/11	3498.32	-	-	29.21	0.00	3469.11
MW - 17		01/05/12	3498.32	-	-	29.29	0.00	3469.03
MW - 17		01/18/12	3498.32	-	-	29.23	0.00	3469.09
MW - 17		01/27/12	3498.32	-	-	29.25	0.00	3469.07
MW - 17		02/02/12	3498.32	-	-	29.20	0.00	3469.12
MW - 17		02/10/12	3498.32	-	-	29.27	0.00	3469.05
MW - 17		02/15/12	3498.32	-	-	29.18	0.00	3469.14
MW - 17		03/01/12	3498.32	-	-	29.06	0.00	3469.26
MW - 17		03/07/12	3498.32	-	-	29.05	0.00	3469.27
MW - 17		03/14/12	3498.32	-	-	29.19	0.00	3469.13
MW - 17		03/19/12	3498.32	-	-	29.00	0.00	3469.32
MW - 17		03/26/12	3498.32	-	-	29.07	0.00	3469.25
MW - 17		04/04/12	3498.32	-	-	29.09	0.00	3469.23
MW - 17		04/11/12	3498.32	-	-	29.10	0.00	3469.22
MW - 17		04/17/12	3498.32	-	-	29.09	0.00	3469.23
MW - 17		04/25/12	3498.32	-	-	29.01	0.00	3469.31
MW - 17		05/23/12	3498.32	-	-	29.06	0.00	3469.26
MW - 17		05/31/12	3498.32	-	-	29.12	0.00	3469.20
MW - 17		06/06/12	3498.32	-	-	29.11	0.00	3469.21
MW - 17		06/13/12	3498.32	-	-	29.21	0.00	3469.11
MW - 17		06/20/12	3498.32	-	-	29.09	0.00	3469.23
MW - 17		07/11/12	3498.32	-	-	29.29	0.00	3469.03
MW - 17		07/18/12	3498.32	-	-	29.37	0.00	3468.95
MW - 17		08/02/12	3498.32	-	-	29.43	0.00	3468.89
MW - 17		08/09/12	3498.32	-	-	29.52	0.00	3468.80
MW - 17		08/16/12	3498.32	-	-	29.60	0.00	3468.72
MW - 17		10/02/12	3498.32	-	-	29.81	0.00	3468.51
MW - 17		10/10/12	3498.32	-	-	29.81	0.00	3468.51
MW - 17		10/17/12	3498.32	-	-	29.59	0.00	3468.73
MW - 17		10/26/12	3498.32	-	-	29.78	0.00	3468.54
MW - 17		11/01/12	3498.32	-	-	29.69	0.00	3468.63
MW - 17		11/19/12	3498.32	-	-	29.67	0.00	3468.65
MW - 17		12/13/12	3498.32	-	-	29.64	0.00	3468.68
MW - 17		12/18/12	3498.32	-	-	29.48	0.00	3468.84
MW - 17		01/08/13	3498.32	-	-	29.50	0.00	3468.82
MW - 17		01/16/13	3498.32	-	-	29.59	0.00	3468.73
MW - 17		01/24/13	3498.32	-	-	29.57	0.00	3468.75
MW - 17		01/30/13	3498.32	-	-	29.59	0.00	3468.73
MW - 17		02/12/13	3498.32	-	-	29.51	0.00	3468.81
MW - 17		03/19/13	3498.32	-	-	29.42	0.00	3468.90
MW - 17		04/02/13	3498.32	-	-	29.48	0.00	3468.84
MW - 17		04/08/13	3498.32	-	-	29.40	0.00	3468.92
MW - 17		04/16/13	3498.32	-	-	29.50	0.00	3468.82
MW - 17		04/23/13	3498.32	-	-	29.57	0.00	3468.75
MW - 17		05/01/13	3498.32	-	-	29.44	0.00	3468.88
MW - 17		05/08/13	3498.32	-	-	29.42	0.00	3468.90
MW - 17		05/15/13	3498.32	-	-	29.34	0.00	3468.98
MW - 17		05/17/13	3498.32	-	-	29.42	0.00	3468.90
MW - 17		05/23/13	3498.32	-	-	29.48	0.00	3468.84
MW - 17		05/29/13	3498.32	-	-	29.45	0.00	3468.87
MW - 17		06/12/13	3498.32	-	-	29.76	0.00	3468.56
MW - 17		06/19/13	3498.32	-	-	29.81	0.00	3468.51
MW - 17		06/27/13	3498.32	-	-	29.91	0.00	3468.41
MW - 17		07/02/13	3498.32	-	-	29.99	0.00	3468.33
MW - 17		07/08/13	3498.32	-	-	30.03	0.00	3468.29
MW - 17		07/15/13	3498.32	-	-	30.11	0.00	3468.21
MW - 17		07/23/13	3498.32	-	-	30.02	0.00	3468.30
MW - 17		07/29/13	3498.32	-	-	29.97	0.00	3468.35

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 17		08/07/13	3498.32	37.04	-	30.15	0.00	3468.17
MW - 17		08/15/13	3498.32	-	-	30.23	0.00	3468.09
MW - 17		08/20/13	3498.32	-	-	30.13	0.00	3468.19
MW - 17		08/28/13	3498.32	-	-	30.37	0.00	3467.95
MW - 17		09/05/13	3498.32	-	-	30.27	0.00	3468.05
MW - 17		09/09/13	3498.32	-	-	30.13	0.00	3468.19
MW - 17		09/18/13	3498.32	-	-	30.40	0.00	3467.92
MW - 17		09/28/13	3498.32	-	-	30.37	0.00	3467.95
MW - 17		10/01/13	3498.32	-	-	30.37	0.00	3467.95
MW - 17		10/08/13	3498.32	-	-	30.32	0.00	3468.00
MW - 17		10/14/13	3498.32	-	-	30.35	0.00	3467.97
MW - 17		10/23/13	3498.32	-	-	30.16	0.00	3468.16
MW - 17		10/29/13	3498.32	-	-	30.09	0.00	3468.23
MW - 17		11/16/13	3498.32	-	-	30.24	0.00	3468.08
MW - 17		11/27/13	3498.32	37.18	-	30.16	0.00	3468.16
MW - 17		12/02/13	3498.32	-	-	30.13	0.00	3468.19
MW - 17		12/14/13	3498.32	-	-	30.31	0.00	3468.01
MW - 17		12/19/13	3498.32	-	-	29.89	0.00	3468.43
MW - 17		12/24/13	3498.32	-	-	30.08	0.00	3468.24
MW - 17		01/02/14	3498.32	-	-	30.08	0.00	3468.24
MW - 17		01/07/14	3498.32	-	-	29.98	0.00	3468.34
MW - 17		01/14/14	3498.32	-	-	30.10	0.00	3468.22
MW - 17		01/21/14	3498.32	-	-	29.95	0.00	3468.37
MW - 17		01/31/14	3498.32	-	-	29.94	0.00	3468.38
MW - 17	John F.	02/10/14	3498.32	37.16	-	30.02	0.00	3468.30
MW - 17	John F.	02/27/14	3498.32	-	-	29.89	0.00	3468.43
MW - 17	John & Jose	03/06/14	3498.32	-	-	29.93	0.00	3468.39
MW - 17	John & Jose	03/13/14	3498.32	-	-	30.00	0.00	3468.32
MW - 17	David F.	03/25/14	3498.32	-	-	29.98	0.00	3468.34
MW - 17	Baer & Justin	04/03/14	3498.32	-	-	29.88	0.00	3468.44
MW - 17	Manny & Chanc	04/07/14	3498.32	-	-	29.98	0.00	3468.34
MW - 17	Manny & Chanc	04/14/14	3498.32	-	-	30.12	0.00	3468.20
MW - 17	Manny & Chanc	04/23/14	3498.32	-	-	29.97	0.00	3468.35
MW - 17	Jose	04/28/14	3498.32	-	-	30.01	0.00	3468.31
MW - 17	Jose	05/05/14	3498.32	-	-	30.06	0.00	3468.26
MW - 17	Manny	05/14/14	3498.32	-	-	29.90	0.00	3468.42
MW - 17	David F.	05/22/14	3498.32	37.02	-	29.98	0.00	3468.34
MW - 17	Manny	05/28/14	3498.32	-	-	30.06	0.00	3468.26
MW - 17	Manny	06/02/14	3498.32	-	-	30.11	0.00	3468.21
MW - 17	Manny	06/12/14	3498.32	-	-	30.35	0.00	3467.97
MW - 17	Manny	06/17/14	3498.32	-	-	30.36	0.00	3467.96
MW - 17	Manny	06/25/14	3498.32	-	-	30.44	0.00	3467.88
MW - 17	Manny	06/30/14	3498.32	-	-	30.41	0.00	3467.91
MW - 17	Manny	07/11/14	3498.32	-	-	30.48	0.00	3467.84
MW - 17	Manny	07/14/14	3498.32	-	-	30.51	0.00	3467.81
MW - 17	Manny	07/22/14	3498.32	-	-	30.57	0.00	3467.75
MW - 17	Manny	07/23/14	3498.32	-	-	30.57	0.00	3467.75
MW - 17	Manny	08/05/14	3498.32	-	-	30.60	0.00	3467.72
MW - 17	Manny	08/12/14	3498.32	-	-	30.72	0.00	3467.60
MW - 17	David F.	08/13/14	3498.32	37.22	-	30.22	0.00	3468.10
MW - 17	David F.	08/27/14	3498.32	-	-	30.83	0.00	3467.49
MW - 17	Manny	09/17/14	3498.32	-	-	29.84	0.00	3468.48
MW - 17	Manny	09/23/14	3498.32	-	-	29.32	0.00	3469.00
MW - 17	Manny	10/10/14	3498.32	-	-	28.79	0.00	3469.53
MW - 17	Manny	10/15/14	3498.32	-	-	28.79	0.00	3469.53
MW - 17	Chance	10/20/14	3498.32	-	-	28.83	0.00	3469.49
MW - 17		10/27/14	3498.32	-	-	28.84	0.00	3469.48
MW - 17	Manny	11/04/14	3498.32	-	-	29.04	0.00	3469.28
MW - 17	Manny	11/06/14	3498.32	37.18	-	28.97	0.00	3469.35
MW - 17	Manny	11/11/14	3498.32	-	-	28.80	0.00	3469.52
MW - 17	Chance	11/18/14	3498.32	-	-	28.74	0.00	3469.58
MW - 17	Manny	12/02/14	3498.32	-	-	28.69	0.00	3469.63
MW - 17	Manny	12/09/14	3498.32	-	-	28.73	0.00	3469.59

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PLAINS MARKETING, L.P.
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LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 17	Carlos	12/17/14	3498.32	-	-	28.68	0.00	3469.64
MW - 17	Manny	12/23/14	3498.32	-	-	28.84	0.00	3469.48
MW - 17	Manny	12/30/14	3498.32	-	-	28.88	0.00	3469.44
MW - 17	Manny	01/06/15	3498.32	-	-	28.79	0.00	3469.53
MW - 17	Carlos	01/09/15	3498.32	-	-	28.84	0.00	3469.48
MW - 17	Manny	01/13/15	3498.32	-	-	28.73	0.00	3469.59
MW - 17	Manny	01/21/15	3498.32	-	-	28.69	0.00	3469.63
MW - 17	Manny	01/26/15	3498.32	-	-	28.74	0.00	3469.58
MW - 17	Carlos	02/05/15	3498.32	-	-	28.80	0.00	3469.52
MW - 17	Manny	02/17/15	3498.32	37.16	-	28.77	0.00	3469.55
MW - 17	Manny/Art	03/04/15	3498.32	-	-	28.69	0.00	3469.63
MW - 17	Manny	03/10/15	3498.32	-	-	28.64	0.00	3469.68
MW - 17	Manny	03/16/15	3498.32	-	-	28.61	0.00	3469.71
MW - 17	Matt	03/23/15	3498.32	-	-	28.62	0.00	3469.70
MW - 17	Manny	03/31/15	3498.32	-	-	28.52	0.00	3469.80
MW - 17	Manny	04/03/15	3498.32	-	-	28.73	0.00	3469.59
MW - 17	Carlos/Matt	04/06/15	3498.32	-	-	28.56	0.00	3469.76
MW - 17	Manny/Art	04/16/15	3498.32	-	-	28.45	0.00	3469.87
MW - 17	Manny	04/22/15	3498.32	-	-	28.38	0.00	3469.94
MW - 17	Arthur	05/01/15	3498.32	-	-	28.41	0.00	3469.91
MW - 17	Matt	05/11/15	3498.32	-	-	28.36	0.00	3469.96
MW - 17	Manny	05/14/15	3498.32	37.07	-	28.22	0.00	3470.10
MW - 17	Arthur	05/29/15	3498.32	-	-	28.11	0.00	3470.21
MW - 17	Manny	06/04/15	3498.32	-	-	28.13	0.00	3470.19
MW - 17	Manny	06/09/15	3498.32	-	-	28.11	0.00	3470.21
MW - 17	Carlos	06/17/15	3498.32	-	-	28.17	0.00	3470.15
MW - 17	Carlos	06/23/15	3498.32	-	-	28.18	0.00	3470.14
MW - 17	Carlos	06/29/15	3498.32	-	-	28.13	0.00	3470.19
MW - 17	Manny/ Arthur	07/09/15	3498.32	-	-	28.35	0.00	3469.97
MW - 17	Manny	07/15/15	3498.32	-	-	28.40	0.00	3469.92
MW - 17	Carlos/Matt	07/20/15	3498.32	-	-	28.54	0.00	3469.78
MW - 17	Manny	07/30/15	3498.32	-	-	28.73	0.00	3469.59
MW - 17	Carlos	08/03/15	3498.32	-	-	28.71	0.00	3469.61
MW - 17	Manny/Arthur	08/04/15	3498.32	37.04	-	28.85	0.00	3469.47
MW - 17	Manny	08/11/15	3498.32	-	-	28.83	0.00	3469.49
MW - 17	Carlos	08/18/15	3498.32	-	-	28.76	0.00	3469.56
MW - 17	Carlos	08/26/15	3498.32	-	-	28.67	0.00	3469.65
MW - 17	Manny/Arthur	09/02/15	3498.32	-	-	28.52	0.00	3469.80
MW - 17	Carlos	10/22/15	3498.32	-	-	28.58	0.00	3469.74
MW - 17	Manny	11/17/15	3498.32	37.07	-	28.24	0.00	3470.08
MW - 17	Carlos	12/03/15	3498.32	-	-	28.42	0.00	3469.90
MW - 17	Carlos	12/09/15	3498.32	-	-	28.30	0.00	3470.02
MW - 17	Manny	01/06/16	3498.32	-	-	28.27	0.00	3470.05
MW - 17	Carlos	01/13/16	3498.32	-	-	28.30	0.00	3470.02
MW - 17	Manny	01/15/16	3498.32	-	-	28.31	0.00	3470.01
MW - 17	Carlos	01/29/15	3498.32	-	-	28.20	0.00	3470.12
MW - 17	Carlos	02/04/16	3498.32	-	-	28.15	0.00	3470.17
MW - 17	Manny	02/10/16	3498.32	37.02	-	28.27	0.00	3470.05
MW - 17	James	03/03/16	3498.32	-	-	28.35	0.00	3469.97
MW - 17	Manny	03/16/16	3498.32	-	-	28.17	0.00	3470.15
MW - 17	Manny	04/12/16	3498.32	-	-	28.09	0.00	3470.23
MW - 17	Manny	04/15/16	3498.32	-	-	28.00	0.00	3470.32
MW - 17	Manny	04/19/16	3498.32	-	-	28.03	0.00	3470.29
MW - 17	Manny	04/29/16	3498.32	-	-	28.00	0.00	3470.32
MW - 17	Carlos	05/04/16	3498.32	-	-	28.00	0.00	3470.32
MW - 17	Manny	05/13/16	3498.32	-	-	28.08	0.00	3470.24
MW - 17	Manny	05/18/16	3498.32	-	-	28.12	0.00	3470.20
MW - 17	Manny	05/25/16	3498.32	36.99	-	28.10	0.00	3470.22
MW - 17	Carlos	06/02/16	3498.32	-	-	28.16	0.00	3470.16
MW - 17	Carlos	06/06/16	3498.32	-	-	28.21	0.00	3470.11
MW - 17	Manny	06/28/16	3498.32	-	-	28.54	0.00	3469.78
MW - 17	Carlos	07/05/16	3498.32	-	-	28.61	0.00	3469.71
MW - 17	Carlos	07/14/16	3498.32	-	-	28.74	0.00	3469.58

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 17	Carlos	07/21/16	3498.32	-	-	28.89	0.00	3469.43
MW - 17	Carlos	07/25/16	3498.32	-	-	28.90	0.00	3469.42
MW - 17	Carlos	08/01/16	3498.32	-	-	28.98	0.00	3469.34
MW - 17	Carlos	08/09/16	3498.32	-	-	29.09	0.00	3469.23
MW - 17	Wes	08/15/16	3498.32	-	-	29.08	0.00	3469.24
MW - 17	Manny/ Wes	08/18/16	3498.32	36.90	-	29.08	0.00	3469.24
MW - 17	Carlos	08/20/16	3498.32	-	-	29.14	0.00	3469.18
MW - 17	Carlos	08/22/16	3498.32	-	-	29.14	0.00	3469.18
MW - 17	Carlos	09/06/16	3498.32	-	-	27.72	0.00	3470.60
MW - 17	Carlos	09/12/16	3498.32	-	-	27.30	0.00	3471.02
MW - 17	Carlos	09/19/16	3498.32	-	-	26.93	0.00	3471.39
MW - 17	Wesley	09/26/16	3498.32	-	-	26.66	0.00	3471.66
MW - 17	Carlos	10/17/16	3498.32	-	-	26.62	0.00	3471.70
MW - 17	Wesley	10/25/16	3498.32	37.00	-	26.74	0.00	3471.58
MW - 17	Carlos	11/03/16	3498.32	-	-	27.07	0.00	3471.25
MW - 17	Carlos	11/08/16	3498.32	-	-	27.05	0.00	3471.27
MW - 17	Carlos	11/15/16	3498.32	-	-	26.96	0.00	3471.36
MW - 17	Manny	11/22/16	3498.32	36.89	-	26.87	0.00	3471.45
MW - 17	Carlos	12/05/16	3498.32	-	-	27.09	0.00	3471.23
MW - 17	Wesley	12/13/16	3498.32	-	-	27.14	0.00	3471.18
MW - 17	Carlos	12/22/16	3498.32	-	-	27.17	0.00	3471.15
MW - 17	Carlos	12/27/16	3498.32	-	-	27.14	0.00	3471.18
MW - 17	Carlos	01/04/17	3498.32	-	-	27.03	0.00	3471.29
MW - 17	Carlos	01/13/17	3498.32	-	-	27.29	0.00	3471.03
MW - 17	Carlos	01/17/17	3498.32	-	-	27.14	0.00	3471.18
MW - 17	Carlos	01/24/17	3498.32	-	-	27.02	0.00	3471.30
MW - 17	Carlos	01/31/17	3498.32	-	-	26.97	0.00	3471.35
MW - 17	Carlos	02/07/17	3498.32	-	-	27.05	0.00	3471.27
MW - 17	Wesley	02/16/17	3498.32	-	-	26.95	0.00	3471.37
MW - 17	Carlos	02/20/17	3498.32	-	-	27.17	0.00	3471.15
MW - 17	Carlos	03/01/17	3498.32	32.79	-	27.13	0.00	3471.19
MW - 17	Carlos	03/06/17	3498.32	-	-	27.06	0.00	3471.26
MW - 17	Carlos	03/14/17	3498.32	-	-	26.98	0.00	3471.34
MW - 17	Carlos	03/24/17	3498.32	-	-	27.00	0.00	3471.32
MW - 17	Carlos	04/04/17	3498.32	-	-	26.87	0.00	3471.45
MW - 17	Manny	04/13/17	3498.32	-	-	26.90	0.00	3471.42
MW - 17	Manny/ Jeremy	04/19/17	3498.32	-	-	26.84	0.00	3471.48
MW - 17	Jeremy	05/01/17	3498.32	-	-	26.93	0.00	3471.39
MW - 17	Jeremy	05/18/17	3498.32	32.72	-	26.97	0.00	3471.35
MW - 17	Jeremy	05/23/17	3498.32	-	-	27.16	0.00	3471.16
MW - 17	Jeremy	06/06/17	3498.32	-	-	27.27	0.00	3471.05
MW - 17	Jeremy	06/12/17	3498.32	-	-	27.29	0.00	3471.03
MW - 17	Jeremy	07/03/17	3498.32	-	-	27.53	0.00	3470.79
MW - 17	Jeremy	07/25/17	3498.32	-	-	27.76	0.00	3470.56
MW - 17	Jeremy	08/14/17	3498.32	32.78	-	27.29	0.00	3471.03
MW - 17	Jeremy	08/21/17	3498.32	-	-	27.32	0.00	3471.00
MW - 17	Jeremy	09/06/17	3498.32	-	-	26.93	0.00	3471.39
MW - 17	Jeremy	09/12/17	3498.32	-	-	27.06	0.00	3471.26
MW - 17	Jeremy	10/04/17	3498.32	-	-	27.01	0.00	3471.31
MW - 17	Jeremy	10/17/17	3498.32	-	-	26.95	0.00	3471.37
MW - 17	Jeremy	10/23/17	3498.32	-	-	26.99	0.00	3471.33
MW - 17	Jeremy	10/30/17	3498.32	-	-	27.08	0.00	3471.24
MW - 17	Manny/ Jeremy	11/15/17	3498.32	32.80	-	27.13	0.00	3471.19
MW - 17	Jeremy	12/04/17	3498.32	-	-	26.95	0.00	3471.37
MW - 17	Jeremy	12/22/17	3498.32	-	-	27.16	0.00	3471.16
MW - 17	Jeremy	12/29/17	3498.32	-	-	27.15	0.00	3471.17
MW - 17	Jeremy	01/02/18	3498.32	-	-	27.16	0.00	3471.16
MW - 17	Jeremy	01/17/18	3498.32	-	-	27.15	0.00	3471.17
MW - 17	Jeremy	01/23/18	3498.32	-	-	27.18	0.00	3471.14
MW - 17	Jeremy	01/29/18	3498.32	-	-	27.28	0.00	3471.04
MW - 17	Jeremy	02/05/18	3498.32	-	-	26.99	0.00	3471.33
MW - 17	Jeremy	02/14/18	3498.32	-	-	27.09	0.00	3471.23
MW - 17	Jeremy	02/19/18	3498.32	32.79	-	26.96	0.00	3471.36

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
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Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 17	Jeremy	03/28/18	3498.32	-	-	27.11	0.00	3471.21
MW - 17	Jeremy	04/05/18	3498.32	-	-	27.68	0.00	3470.64
MW - 17	Jeremy	04/27/18	3498.32	-	-	27.22	0.00	3471.10
MW - 17	Jeremy	05/16/18	3498.32	32.72	-	27.29	0.00	3471.03
MW - 17	Jeremy	06/15/18	3498.32	-	-	26.60	0.00	3471.72
MW - 17	Jeremy	06/19/18	3498.32	-	-	26.69	0.00	3471.63
MW - 17	Jeremy	06/29/18	3498.32	-	-	27.82	0.00	3470.50
MW - 17	Jeremy	07/16/18	3498.32	-	-	28.06	0.00	3470.26
MW - 17	Jeremy	08/15/18	3498.32	32.79	-	28.34	0.00	3469.98
MW - 17	Jeremy	09/05/18	3498.32	-	-	28.49	0.00	3469.83
MW - 17	Jeremy	09/10/18	3498.32	-	-	28.06	0.00	3470.26
MW - 17	Jeremy	10/08/18	3498.32	-	-	28.04	0.00	3470.28
MW - 17	Jeremy	11/21/18	3498.32	-	-	27.62	0.00	3470.70
MW - 17	Jeremy	11/29/18	3498.32	32.95	-	27.58	0.00	3470.74
MW - 17	Manny/Elias	12/07/18	3498.32	-	-	27.73	0.00	3470.59
MW - 17	Manny/Elias	12/14/18	3498.32	-	-	27.76	0.00	3470.56
MW - 17	Manny/Elias	12/28/18	3498.32	-	-	27.73	0.00	3470.59
MW - 17	Manny/Elias	01/11/19	3498.32	-	-	27.53	0.00	3470.79
MW - 17	Manny/Elias	01/29/19	3498.32	-	-	27.65	0.00	3470.67
MW - 17	Manny/Elias	03/05/19	3498.32	32.84	-	27.73	0.00	3470.59
MW - 17	Manny/Elias	03/27/19	3498.32	-	-	27.38	0.00	3470.94
MW - 17	Manny/Elias	03/29/19	3498.32	-	-	27.31	0.00	3471.01
MW - 17	Manny/Elias	04/02/19	3498.32	-	-	27.34	0.00	3470.98
MW - 17	Manny/Elias	04/12/19	3498.32	-	-	27.51	0.00	3470.81
MW - 17	Manny/Elias	04/18/19	3497.25	-	-	27.51	0.00	3469.74
MW - 17	Manny/Elias	04/25/19	3497.25	-	-	27.36	0.00	3469.89
MW - 17	Elias	05/02/19	3497.25	-	-	27.46	0.00	3469.79
MW - 17	Manny/Elias	05/14/19	3497.25	32.82	-	27.43	0.00	3469.82
MW - 17	Manny/Elias	05/20/19	3497.25	-	-	27.37	0.00	3469.88
MW - 17	Manny/Elias	06/06/19	3497.25	-	-	27.68	0.00	3469.57
MW - 17	Manny/Elias	07/17/19	3497.25	-	-	27.97	0.00	3469.28
MW - 17	Manny/Elias	08/14/19	3497.25	-	-	28.36	0.00	3468.89
MW - 17	Elias	09/11/19	3497.25	32.82	-	28.38	0.00	3468.87
MW - 17	Elias	10/16/19	3497.25	-	-	27.91	0.00	3469.34
MW - 17	Elias	11/04/19	3497.25	-	-	27.95	0.00	3469.30
MW - 17	Elias	11/12/19	3497.25	-	-	27.74	0.00	3469.51
MW - 17	Elias	12/04/19	3497.25	32.83	-	27.58	0.00	3469.67
MW - 17	Elias	12/30/19	3497.25	-	-	27.72	0.00	3469.53
MW - 17	Elias	01/14/20	3497.25	-	-	27.72	0.00	3469.53
MW - 17	Elias	02/13/20	3497.25	32.80	-	27.62	0.00	3469.63
MW - 17	Elias	05/15/20	3497.25	-	-	27.21	0.00	3470.04
MW - 17	Manny	06/25/20	3497.25	32.80	-	27.93	0.00	3469.32
MW - 17	Manny	07/28/20	3497.25	-	-	28.31	0.00	3468.94
MW - 17	Manny	08/19/20	3497.25	32.79	-	28.41	0.00	3468.84
MW - 17	Manny	09/11/20	3497.25	-	-	28.57	0.00	3468.68
MW - 17	Manny	10/30/20	3497.25	-	-	28.76	0.00	3468.49
MW - 17	Manny	11/11/20	3497.25	32.80	-	28.75	0.00	3468.50
MW - 17	Manny	12/30/20	3497.25	-	-	28.80	0.00	3468.45
MW - 17	Manny	01/21/21	3497.25	-	-	28.65	0.00	3468.60
MW - 17	Manny	03/18/21	3497.25	32.82	-	28.85	0.00	3468.40
MW - 17	Manny	05/27/21	3497.25	32.80	-	28.78	0.00	3468.47
MW - 17	Manny	07/26/21	3497.25	-	-	28.82	0.00	3468.43
MW - 17	Manny	07/27/21	3497.25	-	-	28.82	0.00	3468.43
MW - 17	Manny	09/29/21	3497.25	32.80	-	29.08	0.00	3468.17
MW - 17	Manny	10/13/21	3497.25	-	-	29.02	0.00	3468.23
MW - 17	Manny	10/29/21	3497.25	-	-	29.18	0.00	3468.07
MW - 17	Manny	12/01/21	3497.25	32.79	-	29.03	0.00	3468.22
MW - 17	Manny	01/13/22	3497.25	-	-	29.02	0.00	3468.23
MW - 17	Manny	03/04/22	3497.25	32.82	-	29.12	0.00	3468.13
MW - 17	Manny	04/28/22	3497.25	-	-	29.15	0.00	3468.10
MW - 17	Manny	06/02/22	3497.25	32.78	-	29.48	0.00	3467.77
MW - 17	Manny	08/24/22	3497.25	32.78	-	30.19	0.00	3467.06
MW - 17	Manny	10/19/22	3497.25	32.78	-	30.19	0.00	3467.06

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 17	Manny	03/08/23	3497.25	32.86	-	29.44	0.00	3467.81
MW - 17	Manny	05/02/23	3497.25	32.78	-	29.34	0.00	3467.91
MW - 17	Manny	08/31/23	3497.25	32.85	-	30.40	0.00	3466.85
MW - 17	Manny	11/29/23	3497.25	32.83	-	29.85	0.00	3467.40
MW - 17	Manny	03/25/24	3497.25	32.81	-	29.56	0.00	3467.69
MW - 17	Manny	06/19/24	3497.25	32.78	-	30.39	0.00	3466.86
MW - 17	Manny	09/10/24	3497.25	32.79	-	30.81	0.00	3466.44
MW - 17	Manny	11/13/24	3497.25	32.82	-	30.70	0.00	3466.55
MW - 18		06/07/02	3497.25	-	-	29.42	0.00	3467.83
MW - 18		09/27/02	3497.25	-	-	29.53	0.00	3467.72
MW - 18		12/04/02	3497.25	-	-	29.25	0.00	3468.00
MW - 18		02/25/03	3497.25	-	-	29.05	0.00	3468.20
MW - 18		05/22/03	3497.25	-	-	29.18	0.00	3468.07
MW - 18		08/26/03	3497.25	-	-	30.32	0.00	3466.93
MW - 18		11/25/03	3497.25	-	-	30.38	0.00	3466.87
MW - 18		02/10/04	3497.25	-	-	30.45	0.00	3466.80
MW - 18		05/10/04	3497.25	-	-	28.37	0.00	3468.88
MW - 18		08/25/04	3497.25	-	-	28.49	0.00	3468.76
MW - 18		12/02/04	3497.25	-	-	27.15	0.00	3470.10
MW - 18		03/10/05	3497.25	-	-	26.60	0.00	3470.65
MW - 18		06/10/05	3497.25	-	-	27.45	0.00	3469.80
MW - 18		09/09/05	3497.25	-	-	26.26	0.00	3470.99
MW - 18		12/05/05	3497.25	-	-	26.14	0.00	3471.11
MW - 18		03/09/06	3497.25	-	-	25.89	0.00	3471.36
MW - 18		06/08/06	3497.25	-	-	26.52	0.00	3470.73
MW - 18		09/15/06	3497.25	-	-	26.16	0.00	3471.09
MW - 18		11/29/06	3497.25	-	-	25.95	0.00	3471.30
MW - 18		02/14/07	3497.25	-	-	25.97	0.00	3471.28
MW - 18		02/26/07	3497.25	-	-	25.95	0.00	3471.30
MW - 18		04/03/07	3497.25	-	-	25.60	0.00	3471.65
MW - 18		05/21/07	3497.25	-	-	25.25	0.00	3472.00
MW - 18		08/16/07	3497.25	-	-	26.26	0.00	3470.99
MW - 18		11/07/07	3497.25	-	-	25.86	0.00	3471.39
MW - 18		02/12/08	3497.25	-	-	25.89	0.00	3471.36
MW - 18		05/15/08	3497.25	-	-	26.06	0.00	3471.19
MW - 18		08/18/08	3497.25	-	-	27.05	0.00	3470.20
MW - 18		09/17/08	3497.25	-	-	26.73	0.00	3470.52
MW - 18		11/13/08	3497.25	-	-	26.45	0.00	3470.80
MW - 18		02/11/09	3497.25	-	-	26.56	0.00	3470.69
MW - 18		02/24/09	3497.25	-	-	27.98	0.00	3469.27
MW - 18		03/04/09	3497.25	-	-	26.47	0.00	3470.78
MW - 18		03/17/09	3497.25	-	-	27.51	0.00	3469.74
MW - 18		03/25/09	3497.25	-	-	26.48	0.00	3470.77
MW - 18		04/08/09	3497.25	-	-	26.49	0.00	3470.76
MW - 18		04/15/09	3497.25	-	-	27.50	0.00	3469.75
MW - 18		04/15/09	3497.25	-	-	25.52	0.00	3471.73
MW - 18		05/13/09	3497.25	-	-	26.58	0.00	3470.67
MW - 18		06/10/09	3497.25	-	-	26.60	0.00	3470.65
MW - 18		06/18/09	3497.25	-	-	26.60	0.00	3470.65
MW - 18		07/02/09	3497.25	-	-	27.24	0.00	3470.01
MW - 18		07/08/09	3497.25	-	-	27.22	0.00	3470.03
MW - 18		07/14/09	3497.25	-	-	27.25	0.00	3470.00
MW - 18		07/20/09	3497.25	-	-	27.27	0.00	3469.98
MW - 18		07/27/09	3497.25	-	-	27.28	0.00	3469.97
MW - 18		08/03/09	3497.25	-	-	27.26	0.00	3469.99
MW - 18		08/11/09	3497.25	-	-	27.38	0.00	3469.87
MW - 18		08/24/09	3497.25	-	-	37.47	0.00	3459.78
MW - 18		08/31/09	3497.25	-	-	37.39	0.00	3459.86
MW - 18		09/08/09	3497.25	-	-	27.55	0.00	3469.70
MW - 18		09/22/09	3497.25	-	-	27.57	0.00	3469.68
MW - 18		09/29/09	3497.25	-	-	27.29	0.00	3469.96
MW - 18		10/07/09	3497.25	-		27.62	0.00	3469.63

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 18		10/12/09	3497.25	-	-	27.24	0.00	3470.01
MW - 18		10/16/09	3497.25	-	-	27.56	0.00	3469.69
MW - 18		10/26/09	3497.25	-	-	27.26	0.00	3469.99
MW - 18		11/12/09	3497.25	-	-	27.67	0.00	3469.58
MW - 18		11/23/09	3497.25	-	-	27.74	0.00	3469.51
MW - 18		12/28/09	3497.25	-	-	27.30	0.00	3469.95
MW - 18		01/05/10	3497.25	-	-	27.71	0.00	3469.54
MW - 18		01/20/10	3497.25	-	-	27.30	0.00	3469.95
MW - 18		01/25/10	3497.25	-	-	27.30	0.00	3469.95
MW - 18		02/10/10	3497.25	-	-	27.78	0.00	3469.47
MW - 18		03/01/10	3497.25	-	-	27.30	0.00	3469.95
MW - 18		05/25/10	3497.25	-	-	27.61	0.00	3469.64
MW - 18		06/07/10	3497.25	-	-	27.62	0.00	3469.63
MW - 18		06/12/10	3497.25	-	-	27.68	0.00	3469.57
MW - 18		06/25/10	3497.25	-	-	27.88	0.00	3469.37
MW - 18		07/07/10	3497.25	-	-	26.74	0.00	3470.51
MW - 18		07/12/10	3497.25	-	-	26.32	0.00	3470.93
MW - 18		07/26/10	3497.25	-	-	-	0.00	-
MW - 18		08/03/10	3497.25	-	-	26.58	0.00	3470.67
MW - 18		08/13/10	3497.25	-	-	26.63	0.00	3470.62
MW - 18		08/19/10	3497.25	-	-	26.70	0.00	3470.55
MW - 18		08/25/10	3497.25	-	-	26.82	0.00	3470.43
MW - 18		09/01/10	3497.25	-	-	28.87	0.00	3468.38
MW - 18		09/09/10	3497.25	-	-	26.83	0.00	3470.42
MW - 18		09/29/10	3497.25	-	-	26.81	0.00	3470.44
MW - 18		11/03/10	3497.25	-	-	26.60	0.00	3470.65
MW - 18		11/10/10	3497.25	-	-	27.00	0.00	3470.25
MW - 18		11/17/10	3497.25	-	-	27.76	0.00	3469.49
MW - 18		12/09/10	3497.25	-	-	26.68	0.00	3470.57
MW - 18		02/22/11	3497.25	-	-	27.74	0.00	3469.51
MW - 18		03/01/11	3497.25	-	sheen	27.17	0.00	3470.08
MW - 18		03/07/11	3497.25	-	sheen	26.98	0.00	3470.27
MW - 18		04/27/11	3497.25	-	-	27.57	0.00	3469.68
MW - 18		05/05/11	3497.25	-	sheen	27.52	0.00	3469.73
MW - 18		05/10/11	3497.25	-	-	27.60	0.00	3469.65
MW - 18		05/17/11	3497.25	-	-	27.72	0.00	3469.53
MW - 18		05/17/11	3497.25	-	-	27.76	0.00	3469.49
MW - 18		05/24/11	3497.25	-	-	27.67	0.00	3469.58
MW - 18		06/07/11	3497.25	-	-	27.61	0.00	3469.64
MW - 18		06/14/11	3497.25	-	-	27.63	0.00	3469.62
MW - 18		06/23/11	3497.25	-	-	29.59	0.00	3467.66
MW - 18		06/28/11	3497.25	-	-	27.68	0.00	3469.57
MW - 18		07/06/11	3497.25	-	sheen	28.03	0.00	3469.22
MW - 18		07/14/11	3497.25	-	-	27.97	0.00	3469.28
MW - 18		07/27/11	3497.25	-	-	28.01	0.00	3469.24
MW - 18		08/03/11	3497.25	-	-	28.22	0.00	3469.03
MW - 18		08/11/11	3497.25	-	-	28.36	0.00	3468.89
MW - 18		08/18/11	3497.25	-	-	28.25	0.00	3469.00
MW - 18		08/25/11	3497.25	-	-	28.28	0.00	3468.97
MW - 18		09/02/11	3497.25	-	-	28.40	0.00	3468.85
MW - 18		09/09/11	3497.25	-	-	28.50	0.00	3468.75
MW - 18		11/08/11	3497.25	-	-	28.40	0.00	3468.85
MW - 18		12/28/11	3497.25	-	-	28.43	0.00	3468.82
MW - 18		01/05/12	3497.25	-	-	28.49	0.00	3468.76
MW - 18		01/18/12	3497.25	-	-	28.39	0.00	3468.86
MW - 18		01/27/12	3497.25	-	-	28.39	0.00	3468.86
MW - 18		02/02/12	3497.25	-	-	28.36	0.00	3468.89
MW - 18		02/10/12	3497.25	-	-	28.40	0.00	3468.85
MW - 18		02/15/12	3497.25	-	-	28.35	0.00	3468.90
MW - 18		03/01/12	3497.25	-	-	28.12	0.00	3469.13
MW - 18		03/07/12	3497.25	-	-	28.24	0.00	3469.01
MW - 18		03/14/12	3497.25	-	-	28.26	0.00	3468.99
MW - 18		03/19/12	3497.25	-	-	28.22	0.00	3469.03

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 18		03/26/12	3497.25	-	-	28.23	0.00	3469.02
MW - 18		04/04/12	3497.25	-	-	28.24	0.00	3469.01
MW - 18		04/11/12	3497.25	-	-	28.21	0.00	3469.04
MW - 18		04/17/12	3497.25	-	-	28.19	0.00	3469.06
MW - 18		04/25/12	3497.25	-	-	28.16	0.00	3469.09
MW - 18		05/23/12	3497.25	-	-	28.20	0.00	3469.05
MW - 18		05/31/12	3497.25	-	-	28.23	0.00	3469.02
MW - 18		06/06/12	3497.25	-	-	28.18	0.00	3469.07
MW - 18		06/13/12	3497.25	-	-	28.26	0.00	3468.99
MW - 18		06/20/12	3497.25	-	-	27.99	0.00	3469.26
MW - 18		07/11/12	3497.25	-	-	28.35	0.00	3468.90
MW - 18		07/18/12	3497.25	-	-	28.43	0.00	3468.82
MW - 18		08/02/12	3497.25	-	-	28.51	0.00	3468.74
MW - 18		08/09/12	3497.25	-	-	28.62	0.00	3468.63
MW - 18		08/16/12	3497.25	-	-	28.71	0.00	3468.54
MW - 18		10/02/12	3497.25	-	-	28.93	0.00	3468.32
MW - 18		10/10/12	3497.25	-	-	28.87	0.00	3468.38
MW - 18		10/17/12	3497.25	-	-	28.68	0.00	3468.57
MW - 18		10/26/12	3497.25	-	-	28.87	0.00	3468.38
MW - 18		11/01/12	3497.25	-	-	28.91	0.00	3468.34
MW - 18		11/19/12	3497.25	-	-	28.70	0.00	3468.55
MW - 18		12/13/12	3497.25	-	-	28.69	0.00	3468.56
MW - 18		12/18/12	3497.25	-	-	28.62	0.00	3468.63
MW - 18		01/08/13	3497.25	-	-	28.61	0.00	3468.64
MW - 18		01/16/13	3497.25	-	-	28.65	0.00	3468.60
MW - 18		01/24/13	3497.25	-	-	28.69	0.00	3468.56
MW - 18		01/30/13	3497.25	-	-	28.75	0.00	3468.50
MW - 18		02/12/13	3497.25	-	-	28.64	0.00	3468.61
MW - 18		03/19/13	3497.25	-	-	28.53	0.00	3468.72
MW - 18		04/02/13	3497.25	-	-	28.56	0.00	3468.69
MW - 18		04/08/13	3497.25	-	-	20.56	0.00	3476.69
MW - 18		04/16/13	3497.25	-	-	28.61	0.00	3468.64
MW - 18		04/23/13	3497.25	-	-	28.66	0.00	3468.59
MW - 18		05/01/13	3497.25	-	-	28.53	0.00	3468.72
MW - 18		05/08/13	3497.25	-	-	28.58	0.00	3468.67
MW - 18		05/15/13	3497.25	-	-	28.55	0.00	3468.70
MW - 18		05/17/13	3497.25	-	-	28.53	0.00	3468.72
MW - 18		05/23/13	3497.25	-	-	28.59	0.00	3468.66
MW - 18		05/29/13	3497.25	-	-	28.55	0.00	3468.70
MW - 18		06/12/13	3497.25	-	-	28.88	0.00	3468.37
MW - 18		06/19/13	3497.25	-	-	29.00	0.00	3468.25
MW - 18		06/27/13	3497.25	-	-	29.05	0.00	3468.20
MW - 18		07/02/13	3497.25	-	-	29.16	0.00	3468.09
MW - 18		07/08/13	3497.25	-	-	29.23	0.00	3468.02
MW - 18		07/15/13	3497.25	-	-	29.33	0.00	3467.92
MW - 18		07/23/13	3497.25	-	-	29.15	0.00	3468.10
MW - 18		07/29/13	3497.25	-	-	29.08	0.00	3468.17
MW - 18		08/07/13	3497.25	37.46	-	29.25	0.00	3468.00
MW - 18		08/15/13	3497.25	-	-	29.22	0.00	3468.03
MW - 18		08/20/13	3497.25	-	-	29.15	0.00	3468.10
MW - 18		08/28/13	3497.25	-	-	29.44	0.00	3467.81
MW - 18		09/05/13	3497.25	-	-	29.42	0.00	3467.83
MW - 18		09/09/13	3497.25	-	-	29.27	0.00	3467.98
MW - 18		09/18/13	3497.25	-	-	29.55	0.00	3467.70
MW - 18		09/28/13	3497.25	-	-	29.55	0.00	3467.70
MW - 18		10/01/13	3497.25	-	-	29.57	0.00	3467.68
MW - 18		10/08/13	3497.25	-	-	29.55	0.00	3467.70
MW - 18		10/14/13	3497.25	-	-	29.58	0.00	3467.67
MW - 18		10/23/13	3497.25	-	-	29.07	0.00	3468.18
MW - 18		10/29/13	3497.25	-	-	29.09	0.00	3468.16
MW - 18		11/16/13	3497.25	-	-	29.48	0.00	3467.77
MW - 18		11/27/13	3497.25	37.46	-	29.50	0.00	3467.75
MW - 18		12/02/13	3497.25	-	-	29.45	0.00	3467.80

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 18		12/14/13	3497.25	-	-	29.45	0.00	3467.80
MW - 18		12/19/13	3497.25	-	-	28.98	0.00	3468.27
MW - 18		12/24/13	3497.25	-	-	29.17	0.00	3468.08
MW - 18		01/02/14	3497.25	-	-	29.28	0.00	3467.97
MW - 18		01/07/14	3497.25	-	-	29.11	0.00	3468.14
MW - 18		01/14/14	3497.25	-	-	29.18	0.00	3468.07
MW - 18		01/21/14	3497.25	-	-	29.16	0.00	3468.09
MW - 18		01/31/14	3497.25	-	-	29.15	0.00	3468.10
MW - 18	John F.	02/10/14	3497.25	37.46	-	29.10	0.00	3468.15
MW - 18	John F.	02/27/14	3497.25	-	-	29.13	0.00	3468.12
MW - 18	John & Jose	03/06/14	3497.25	-	-	29.09	0.00	3468.16
MW - 18	John & Jose	03/13/14	3497.25	-	-	29.12	0.00	3468.13
MW - 18	David F.	03/25/14	3497.25	-	-	29.10	0.00	3468.15
MW - 18	Baer & Justin	04/03/14	3497.25	-	-	29.03	0.00	3468.22
MW - 18	Manny & Chanc	04/07/14	3497.25	-	-	29.09	0.00	3468.16
MW - 18	Manny & Chanc	04/14/14	3497.25	-	-	29.21	0.00	3468.04
MW - 18	Manny & Chanc	04/23/14	3497.25	-	-	29.00	0.00	3468.25
MW - 18	Jose	04/28/14	3497.25	-	-	29.01	0.00	3468.24
MW - 18	Jose	05/05/14	3497.25	-	-	28.95	0.00	3468.30
MW - 18	Manny	05/14/14	3497.25	-	-	29.08	0.00	3468.17
MW - 18	David F.	05/22/14	3497.25	37.38	-	29.11	0.00	3468.14
MW - 18	Manny	05/28/14	3497.25	-	-	29.18	0.00	3468.07
MW - 18	Manny	06/02/14	3497.25	-	-	29.26	0.00	3467.99
MW - 18	Manny	06/12/14	3497.25	-	-	29.48	0.00	3467.77
MW - 18	Manny	06/17/14	3497.25	-	-	29.49	0.00	3467.76
MW - 18	Manny	06/25/14	3497.25	-	-	29.58	0.00	3467.67
MW - 18	Manny	06/30/14	3497.25	-	-	29.55	0.00	3467.70
MW - 18	Manny	07/11/14	3497.25	-	-	29.62	0.00	3467.63
MW - 18	Manny	07/14/14	3497.25	-	-	29.63	0.00	3467.62
MW - 18	Manny	07/22/14	3497.25	-	-	29.74	0.00	3467.51
MW - 18	Manny	07/23/14	3497.25	-	-	29.74	0.00	3467.51
MW - 18	Manny	08/05/14	3497.25	-	-	29.81	0.00	3467.44
MW - 18	Manny	08/12/14	3497.25	-	-	29.97	0.00	3467.28
MW - 18	David F.	08/13/14	3497.25	37.40	-	29.89	0.00	3467.36
MW - 18	David F.	08/27/14	3497.25	-	-	29.98	0.00	3467.27
MW - 18	Manny	09/17/14	3497.25	-	-	27.53	0.00	3469.72
MW - 18	Manny	09/23/14	3497.25	-	-	26.75	0.00	3470.50
MW - 18	Manny	10/10/14	3497.25	-	-	26.73	0.00	3470.52
MW - 18	Manny	10/15/14	3497.25	-	-	27.01	0.00	3470.24
MW - 18	Chance	10/20/14	3497.25	-	-	27.29	0.00	3469.96
MW - 18		10/27/14	3497.25	-	-	27.52	0.00	3469.73
MW - 18	Manny	11/04/14	3497.25	-	-	27.85	0.00	3469.40
MW - 18	Manny	11/06/14	3497.25	-	-	27.51	0.00	3469.74
MW - 18	Manny	11/11/14	3497.25	-	-	27.10	0.00	3470.15
MW - 18	Chance	11/18/14	3497.25	-	-	27.04	0.00	3470.21
MW - 18	Manny	12/02/14	3497.25	-	-	27.60	0.00	3469.65
MW - 18	Manny	12/09/14	3497.25	-	-	27.71	0.00	3469.54
MW - 18	Carlos	12/17/14	3497.25	-	-	27.72	0.00	3469.53
MW - 18	Manny	12/23/14	3497.25	-	-	27.88	0.00	3469.37
MW - 18	Manny	12/30/14	3497.25	-	-	27.94	0.00	3469.31
MW - 18	Manny	01/06/15	3497.25	-	-	27.90	0.00	3469.35
MW - 18	Carlos	01/09/15	3497.25	-	-	27.92	0.00	3469.33
MW - 18	Manny	01/13/15	3497.25	-	-	27.86	0.00	3469.39
MW - 18	Manny	01/21/15	3497.25	-	-	27.82	0.00	3469.43
MW - 18	Manny	01/26/15	3497.25	-	-	27.88	0.00	3469.37
MW - 18	Carlos	02/05/15	3497.25	-	-	27.94	0.00	3469.31
MW - 18	Carlos	02/16/15	3497.25	-	-	27.87	0.00	3469.38
MW - 18	Manny	02/17/15	3497.25	37.40	-	27.91	0.00	3469.34
MW - 18	Manny	03/04/15	3497.25	-	-	27.82	0.00	3469.43
MW - 18	Manny	03/10/15	3497.25	-	-	27.81	0.00	3469.44
MW - 18	Manny	03/16/15	3497.25	-	-	27.80	0.00	3469.45
MW - 18	Matt	03/23/15	3497.25	-	-	27.78	0.00	3469.47
MW - 18	Manny	03/31/15	3497.25	-	-	27.70	0.00	3469.55

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 18	Manny	04/03/15	3497.25	-	-	27.84	0.00	3469.41
MW - 18	Carlos/Matt	04/06/15	3497.25	-	-	27.70	0.00	3469.55
MW - 18	Manny/Art	04/16/15	3497.25	-	-	27.60	0.00	3469.65
MW - 18	Manny	04/22/15	3497.25	-	-	27.53	0.00	3469.72
MW - 18	Arthur	05/01/15	3497.25	-	-	27.54	0.00	3469.71
MW - 18	Matt	05/11/15	3497.25	-	-	27.32	0.00	3469.93
MW - 18	Manny	05/14/15	3497.25	37.39	-	27.19	0.00	3470.06
MW - 18	Athur	05/29/15	3497.25	-	-	26.95	0.00	3470.30
MW - 18	Manny	06/04/15	3497.25	-	-	27.04	0.00	3470.21
MW - 18	Manny	06/09/15	3497.25	-	-	27.16	0.00	3470.09
MW - 18	Carlos	06/17/15	3497.25	-	-	27.07	0.00	3470.18
MW - 18	Carlos	06/23/15	3497.25	-	-	26.97	0.00	3470.28
MW - 18	Carlos	06/29/15	3497.25	-	-	27.07	0.00	3470.18
MW - 18	Manny/ Arthur	07/09/15	3497.25	-	-	27.34	0.00	3469.91
MW - 18	Manny	07/15/15	3497.25	-	-	27.45	0.00	3469.80
MW - 18	Carlos/Matt	07/20/15	3497.25	-	-	27.60	0.00	3469.65
MW - 18	Manny	07/30/15	3497.25	-	-	27.79	0.00	3469.46
MW - 18	Carlos	08/03/15	3497.25	-	-	27.79	0.00	3469.46
MW - 18	Manny/Arthur	08/04/15	3497.25	37.38	-	27.82	0.00	3469.43
MW - 18	Manny	08/11/15	3497.25	-	-	27.90	0.00	3469.35
MW - 18	Carlos	08/18/15	3497.25	-	-	27.90	0.00	3469.35
MW - 18	Carlos	08/26/15	3497.25	-	-	27.27	0.00	3469.98
MW - 18	Manny/Arthur	09/02/15	3497.25	-	-	27.22	0.00	3470.03
MW - 18	Carlos	10/22/15	3497.25	-	-	27.57	0.00	3469.68
MW - 18	Manny	11/17/15	3497.25	37.37	-	27.27	0.00	3469.98
MW - 18	Carlos	12/03/15	3497.25	-	-	27.49	0.00	3469.76
MW - 18	Carlos	12/09/15	3497.25	-	-	27.40	0.00	3469.85
MW - 18	Manny	01/06/16	3497.25	-	-	27.40	0.00	3469.85
MW - 18	Carlos	01/13/16	3497.25	-	-	27.46	0.00	3469.79
MW - 18	Manny	01/15/16	3497.25	-	-	27.42	0.00	3469.83
MW - 18	Carlos	01/29/16	3497.25	-	-	27.34	0.00	3469.91
MW - 18	Carlos	02/04/16	3497.25	-	-	27.29	0.00	3469.96
MW - 18	Manny	02/10/16	3497.25	37.35	-	27.41	0.00	3469.84
MW - 18	James	03/03/16	3497.25	Dry	-	-	-	-
MW - 18	Manny	03/16/16	3497.25	-	-	27.30	0.00	3469.95
MW - 18	Manny	04/12/16	3497.25	-	-	27.20	0.00	3470.05
MW - 18	Manny	04/15/16	3497.25	-	-	27.13	0.00	3470.12
MW - 18	Manny	04/19/16	3497.25	-	-	27.16	0.00	3470.09
MW - 18	Manny	04/29/16	3497.25	-	-	27.12	0.00	3470.13
MW - 18	Carlos	05/04/16	3497.25	-	-	27.14	0.00	3470.11
MW - 18	Manny	05/13/16	3497.25	-	-	27.24	0.00	3470.01
MW - 18	Manny	05/18/16	3497.25	-	-	27.26	0.00	3469.99
MW - 18	Manny	05/25/16	3497.25	37.35	-	27.22	0.00	3470.03
MW - 18	Carlos	06/02/16	3497.25	-	-	27.32	0.00	3469.93
MW - 18	Carlos	06/06/16	3497.25	-	-	27.37	0.00	3469.88
MW - 18	Manny	06/28/16	3497.25	-	-	-	-	-
MW - 18	Carlos	07/21/16	3497.25	-	-	28.08	0.00	3469.17
MW - 18	Carlos	07/25/16	3497.25	-	-	28.14	0.00	3469.11
MW - 18	Carlos	08/01/16	3497.25	-	-	28.21	0.00	3469.04
MW - 18	Carlos	08/09/16	3497.25	-	-	28.31	0.00	3468.94
MW - 18	Wes	08/15/16	3497.25	-	-	28.30	0.00	3468.95
MW - 18	Manny/ Wes	08/18/16	3497.25	37.30	-	28.26	0.00	3468.99
MW - 18	Carlos	08/20/16	3497.25	-	-	28.34	0.00	3468.91
MW - 18	Carlos	08/22/16	3497.25	-	-	28.34	0.00	3468.91
MW - 18	Carlos	09/06/16	3497.25	-	-	26.94	0.00	3470.31
MW - 18	Carlos	09/12/16	3497.25	-	-	26.50	0.00	3470.75
MW - 18	Carlos	09/19/16	3497.25	-	-	23.43	0.00	3473.82
MW - 18	Wesley	09/26/16	3497.25	-	-	23.74	0.00	3473.51
MW - 18	Carlos	10/17/16	3497.25	-	-	25.21	0.00	3472.04
MW - 18	Wesley	10/25/16	3497.25	37.35	-	25.59	0.00	3471.66
MW - 18	Carlos	11/03/16	3497.25	-	-	26.10	0.00	3471.15
MW - 18	Carlos	11/08/16	3497.25	-	-	26.19	0.00	3471.06
MW - 18	Carlos	11/15/16	3497.25	-	-	26.12	0.00	3471.13

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 18	Manny	11/22/16	3497.25	37.29	-	26.06	0.00	3471.19
MW - 18	Carlos	12/05/16	3497.25	-	-	26.32	0.00	3470.93
MW - 18	Wesley	12/13/16	3497.25	-	-	26.34	0.00	3470.91
MW - 18	Carlos	12/22/16	3497.25	-	-	26.37	0.00	3470.88
MW - 18	Carlos	12/27/16	3497.25	-	-	26.46	0.00	3470.79
MW - 18	Carlos	01/04/17	3497.25	-	-	26.36	0.00	3470.89
MW - 18	Carlos	01/13/17	3497.25	-	-	26.55	0.00	3470.70
MW - 18	Carlos	01/17/17	3497.25	-	-	26.42	0.00	3470.83
MW - 18	Carlos	01/24/17	3497.25	-	-	26.26	0.00	3470.99
MW - 18	Carlos	01/31/17	3497.25	-	-	26.32	0.00	3470.93
MW - 18	Carlos	02/07/17	3497.25	-	-	26.31	0.00	3470.94
MW - 18	Wesley	02/16/17	3497.25	-	-	26.27	0.00	3470.98
MW - 18	Carlos	02/20/17	3497.25	-	-	26.36	0.00	3470.89
MW - 18	Carlos	03/01/17	3497.25	37.35	-	26.55	0.00	3470.70
MW - 18	Carlos	03/06/17	3497.25	-	-	26.45	0.00	3470.80
MW - 18	Carlos	03/14/17	3497.25	-	-	26.33	0.00	3470.92
MW - 18	Carlos	03/24/17	3497.25	-	-	26.24	0.00	3471.01
MW - 18	Carlos	04/04/17	3497.25	-	-	26.15	0.00	3471.10
MW - 18	Manny	04/13/17	3497.25	-	-	26.15	0.00	3471.10
MW - 18	Manny/ Jeremy	04/19/17	3497.25	-	-	26.09	0.00	3471.16
MW - 18	Jeremy	05/01/17	3497.25	-	-	26.16	0.00	3471.09
MW - 18	Jeremy	05/18/17	3497.25	37.22	-	26.21	0.00	3471.04
MW - 18	Jeremy	05/23/17	3497.25	-	-	26.37	0.00	3470.88
MW - 18	Jeremy	06/06/17	3497.25	-	-	26.46	0.00	3470.79
MW - 18	Jeremy	06/12/17	3497.25	-	-	26.61	0.00	3470.64
MW - 18	Jeremy	07/03/17	3497.25	-	-	26.83	0.00	3470.42
MW - 18	Jeremy	07/25/17	3497.25	-	-	27.09	0.00	3470.16
MW - 18	Jeremy	08/14/17	3497.25	37.24	-	26.28	0.00	3470.97
MW - 18	Jeremy	08/21/17	3497.25	-	-	26.25	0.00	3471.00
MW - 18	Jeremy	09/06/17	3497.25	-	-	25.76	0.00	3471.49
MW - 18	Jeremy	09/12/17	3497.25	-	-	25.95	0.00	3471.30
MW - 18	Jeremy	10/04/17	3497.25	-	-	25.79	0.00	3471.46
MW - 18	Jeremy	10/17/17	3497.25	-	-	25.90	0.00	3471.35
MW - 18	Jeremy	10/23/17	3497.25	-	-	26.10	0.00	3471.15
MW - 18	Jeremy	10/30/17	3497.25	-	-	26.18	0.00	3471.07
MW - 18	Manny / Jeremy	11/15/17	3497.25	37.26	-	26.28	0.00	3470.97
MW - 18	Jeremy	12/04/17	3497.25	-	-	26.22	0.00	3471.03
MW - 18	Jeremy	12/22/17	3497.25	-	-	26.46	0.00	3470.79
MW - 18	Jeremy	12/29/17	3497.25	-	-	26.46	0.00	3470.79
MW - 18	Jeremy	01/02/18	3497.25	-	-	26.46	0.00	3470.79
MW - 18	Jeremy	01/17/18	3497.25	-	-	26.53	0.00	3470.72
MW - 18	Jeremy	01/23/18	3497.25	-	-	26.50	0.00	3470.75
MW - 18	Jeremy	01/29/18	3497.25	-	-	26.61	0.00	3470.64
MW - 18	Jeremy	02/05/18	3497.25	-	-	26.24	0.00	3471.01
MW - 18	Jeremy	02/14/18	3497.25	-	-	26.36	0.00	3470.89
MW - 18	Jeremy	02/19/18	3497.25	37.13	-	26.27	0.00	3470.98
MW - 18	Jeremy	03/28/18	3497.25	-	-	26.38	0.00	3470.87
MW - 18	Jeremy	04/05/18	3497.25	-	-	26.34	0.00	3470.91
MW - 18	Jeremy	04/27/18	3497.25	-	-	26.44	0.00	3470.81
MW - 18	Jeremy	05/16/18	3497.25	37.12	-	26.53	0.00	3470.72
MW - 18	Jeremy	06/15/18	3497.25	-	-	26.79	0.00	3470.46
MW - 18	Jeremy	06/19/18	3497.25	-	-	26.02	0.00	3471.23
MW - 18	Jeremy	06/29/18	3497.25	-	-	27.08	0.00	3470.17
MW - 18	Jeremy	07/16/18	3497.25	-	-	27.39	0.00	3469.86
MW - 18	Jeremy	08/15/18	3497.25	37.11	-	27.82	0.00	3469.43
MW - 18	Jeremy	09/05/18	3497.25	-	-	27.80	0.00	3469.45
MW - 18	Jeremy	09/10/18	3497.25	-	-	26.62	0.00	3470.63
MW - 18	Jeremy	11/21/18	3497.25	-	-	26.73	0.00	3470.52
MW - 18	Jeremy	11/29/18	3497.25	37.13	-	26.79	0.00	3470.46
MW - 18	Manny/Elias	12/07/18	3497.25	-	-	26.92	0.00	3470.33
MW - 18	Manny/Elias	12/14/18	3497.25	-	-	26.98	0.00	3470.27
MW - 18	Manny/Elias	12/20/18	3497.25	-	-	26.97	0.00	3470.28
MW - 18	Manny/Elias	12/28/18	3497.25	-	-	26.97	0.00	3470.28

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 18	Manny/Elias	01/11/19	3497.25	-	-	26.88	0.00	3470.37
MW - 18	Manny/Elias	01/29/19	3497.25	-	-	27.02	0.00	3470.23
MW - 18	Manny/Elias	03/05/19	3497.25	37.08	-	26.97	0.00	3470.28
MW - 18	Manny/Elias	03/27/19	3497.25	-	-	26.41	0.00	3470.84
MW - 18	Manny/Elias	03/29/19	3497.25	-	-	26.37	0.00	3470.88
MW - 18	Manny/Elias	04/02/19	3497.25	-	-	26.43	0.00	3470.82
MW - 18	Manny/Elias	04/18/19	3497.25	-	-	26.69	0.00	3470.56
MW - 18	Manny/Elias	04/25/19	3497.25	-	-	26.58	0.00	3470.67
MW - 18	Elias	05/02/19	3497.25	-	-	26.68	0.00	3470.57
MW - 18	Manny/Elias	05/14/19	3497.25	37.00	-	26.75	0.00	3470.50
MW - 18	Manny/Elias	05/20/19	3497.25	-	-	26.73	0.00	3470.52
MW - 18	Manny/Elias	06/06/19	3497.25	-	-	26.96	0.00	3470.29
MW - 18	Manny/Elias	07/17/19	3497.25	-	-	27.00	0.00	3470.25
MW - 18	Manny/Elias	08/14/19	3497.25	-	-	27.57	0.00	3469.68
MW - 18	Elias	09/11/19	3497.25	36.88	-	27.42	0.00	3469.83
MW - 18	Elias	10/16/19	3497.25	-	-	26.72	0.00	3470.53
MW - 18	Elias	11/04/19	3497.25	-	-	27.05	0.00	3470.20
MW - 18	Elias	11/12/19	3497.25	-	-	26.03	0.00	3471.22
MW - 18	Elias	12/04/19	3497.25	36.85	-	26.48	0.00	3470.77
MW - 18	Elias	12/30/19	3497.25	-	-	26.86	0.00	3470.39
MW - 18	Elias	01/14/20	3497.25	-	-	26.86	0.00	3470.39
MW - 18	Elias	02/13/20	3497.25	36.83	-	26.81	0.00	3470.44
MW - 18	Elias	05/15/20	3497.25	-	-	26.41	0.00	3470.84
MW - 18	Manny	06/25/20	3497.25	36.78	-	27.15	0.00	3470.10
MW - 18	Manny	07/28/20	3497.25	-	-	27.50	0.00	3469.75
MW - 18	Manny	08/19/20	3497.25	36.78	-	27.64	0.00	3469.61
MW - 18	Manny	09/11/20	3497.25	-	-	27.81	0.00	3469.44
MW - 18	Manny	10/30/20	3497.25	-	-	27.97	0.00	3469.28
MW - 18	Manny	11/11/20	3497.25	36.79	-	27.95	0.00	3469.30
MW - 18	Manny	12/30/20	3497.25	-	-	27.97	0.00	3469.28
MW - 18	Manny	01/21/21	3497.25	-	-	27.94	0.00	3469.31
MW - 18	Manny	03/18/21	3497.25	36.78	-	28.00	0.00	3469.25
MW - 18	Manny	05/27/21	3497.25	36.77	-	27.93	0.00	3469.32
MW - 18	Manny	07/26/21	3497.25	-	-	27.85	0.00	3469.40
MW - 18	Manny	07/27/21	3497.25	-	-	27.85	0.00	3469.40
MW - 18	Manny	09/29/21	3497.25	36.75	-	28.16	0.00	3469.09
MW - 18	Manny	10/13/21	3497.25	-	-	27.96	0.00	3469.29
MW - 18	Manny	10/29/21	3497.25	-	-	28.20	0.00	3469.05
MW - 18	Manny	12/01/21	3497.25	36.74	-	28.19	0.00	3469.06
MW - 18	Manny	01/13/22	3497.25	-	-	28.22	0.00	3469.03
MW - 18	Manny	03/04/22	3497.25	36.73	-	28.30	0.00	3468.95
MW - 18	Manny	04/28/22	3497.25	-	-	28.32	0.00	3468.93
MW - 18	Manny	06/02/22	3497.25	36.73	-	28.66	0.00	3468.59
MW - 18	Manny	08/24/22	3497.25	36.71	-	27.39	0.00	3469.86
MW - 18	Manny	10/17/22	3497.25	36.72	-	29.04	0.00	3468.21
MW - 18	Manny	03/08/23	3497.25	36.74	-	28.58	0.00	3468.67
MW - 18	Manny	05/02/23	3497.25	36.68	-	28.51	0.00	3468.74
MW - 18	Manny	08/31/23	3497.25	36.75	-	29.52	0.00	3467.73
MW - 18	Manny	11/29/23	3497.25	36.76	-	28.95	0.00	3468.30
MW - 18	Manny	03/25/24	3497.25	36.69	-	28.63	0.00	3468.62
MW - 18	Manny	06/19/24	3497.25	36.69	-	29.57	0.00	3467.68
MW - 18	Manny	09/10/24	3497.25	36.69	-	29.90	0.00	3467.35
MW - 18	Manny	11/13/24	3497.25	36.68	-	29.46	0.00	3467.79
MW - 19		06/07/02	3498.24	-	-	30.08	0.00	3468.16
MW - 19		09/27/02	3498.24	-	-	30.23	0.00	3468.01
MW - 19		12/04/02	3498.24	-	-	29.88	0.00	3468.36
MW - 19		02/25/03	3498.24	-	-	29.62	0.00	3468.62
MW - 19		05/22/03	3498.24	-	-	29.79	0.00	3468.45
MW - 19		08/26/03	3498.24	-	-	31.04	0.00	3467.20
MW - 19		11/25/03	3498.24	-	-	31.08	0.00	3467.16
MW - 19		02/10/04	3498.24	-	-	31.11	0.00	3467.13
MW - 19		05/10/04	3498.24	-	-	29.02	0.00	3469.22
MW - 19		08/25/04	3498.24	-	-	29.15	0.00	3469.09

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 19		12/02/04	3498.24	-	-	28.06	0.00	3470.18
MW - 19		03/10/05	3498.24	-	-	27.31	0.00	3470.93
MW - 19		06/10/05	3498.24	-	-	26.54	0.00	3471.70
MW - 19		09/09/05	3498.24	-	-	27.03	0.00	3471.21
MW - 19		09/13/05	P&A	-	-	-	-	-
MW - 20		06/07/02	3496.59	-	-	28.63	0.00	3467.96
MW - 20		09/27/02	3496.59	-	-	27.75	0.00	3468.84
MW - 20		12/04/02	3496.59	-	-	27.49	0.00	3469.10
MW - 20		02/25/03	3496.59	-	-	27.24	0.00	3469.35
MW - 20		05/22/03	3496.59	-	-	27.40	0.00	3469.19
MW - 20		08/26/03	3496.59	-	-	28.54	0.00	3468.05
MW - 20		11/25/03	3496.59	-	-	28.71	0.00	3467.88
MW - 20		02/10/04	3496.59	-	-	28.76	0.00	3467.83
MW - 20		05/10/04	3496.59	-	-	26.18	0.00	3470.41
MW - 20		08/25/04	3496.59	-	-	26.74	0.00	3469.85
MW - 20		12/02/04	3496.59	-	-	24.82	0.00	3471.77
MW - 20		03/10/05	3496.59	-	-	24.63	0.00	3471.96
MW - 20		06/10/05	3496.59	-	-	23.97	0.00	3472.62
MW - 20		09/09/05	3496.59	-	-	24.56	0.00	3472.03
MW - 20		12/05/05	3496.59	-	-	24.40	0.00	3472.19
MW - 20		03/09/06	3496.59	-	-	24.21	0.00	3472.38
MW - 20		06/08/06	3496.59	-	-	24.88	0.00	3471.71
MW - 20		09/15/06	3496.59	-	-	24.34	0.00	3472.25
MW - 20		11/29/06	3496.59	-	-	24.18	0.00	3472.41
MW - 20		02/26/07	3496.59	-	-	24.18	0.00	3472.41
MW - 20		05/21/07	3496.59	-	-	23.39	0.00	3473.20
MW - 20		08/16/07	3496.59	-	-	24.57	0.00	3472.02
MW - 20		11/07/07	3496.59	-	-	24.11	0.00	3472.48
MW - 20		02/12/08	3496.59	-	-	24.18	0.00	3472.41
MW - 20		05/15/08	3496.59	-	-	24.34	0.00	3472.25
MW - 20		08/18/08	3496.59	-	-	25.37	0.00	3471.22
MW - 20		11/13/08	3496.59	-	-	24.75	0.00	3471.84
MW - 20		02/11/09	3496.59	-	-	24.92	0.00	3471.67
MW - 20		05/13/09	3496.59	-	-	27.68	0.00	3468.91
MW - 20		08/11/09	3496.59	-	-	25.69	0.00	3470.90
MW - 20		11/23/09	3496.59	-	-	25.96	0.00	3470.63
MW - 20		01/05/10	3496.59	-	-	25.93	0.00	3470.66
MW - 20		02/10/10	3496.59	-	-	25.97	0.00	3470.62
MW - 20		05/25/10	3496.59	-	-	25.91	0.00	3470.68
MW - 20		08/13/10	3496.59	-	-	25.91	0.00	3470.68
MW - 20		11/17/10	3496.59	-	-	25.96	0.00	3470.63
MW - 20		02/22/11	3496.59	-	-	25.96	0.00	3470.63
MW - 20		05/17/11	3496.59	-	-	26.00	0.00	3470.59
MW - 20		08/11/11	3496.59	-	-	26.54	0.00	3470.05
MW - 20		11/08/11	3496.59	-	-	26.72	0.00	3469.87
MW - 20		03/01/12	3496.59	-	-	26.40	0.00	3470.19
MW - 20		05/23/12	3496.59	-	-	26.08	0.00	3470.51
MW - 20		08/09/12	3496.59	-	-	26.79	0.00	3469.80
MW - 20		11/19/12	3496.59	-	-	26.88	0.00	3469.71
MW - 20		02/12/13	3496.59	-	-	26.81	0.00	3469.78
MW - 20		05/15/13	3496.59	-	-	26.73	0.00	3469.86
MW - 20		08/07/13	3496.59	-	-	27.02	0.00	3469.57
MW - 20		11/27/13	3496.59	-	-	27.34	0.00	3469.25
MW - 20	John F.	02/10/14	3496.59	-	-	27.27	0.00	3469.32
MW - 20	Baer & Justin	04/03/14	3496.59	-	-	27.19	0.00	3469.40
MW - 20	Manny & Chanc	04/07/14	3496.59	-	-	27.26	0.00	3469.33
MW - 20	Manny & Chanc	04/14/14	3496.59	-	-	27.37	0.00	3469.22
MW - 20	Manny & Chanc	04/23/14	3496.59	-	-	27.17	0.00	3469.42
MW - 20	Jose	04/28/14	3496.59	-	-	27.25	0.00	3469.34
MW - 20	Jose	05/05/14	3496.59	-	-	27.23	0.00	3469.36
MW - 20	Manny	05/14/14	3496.59	-	-	27.34	0.00	3469.25
MW - 20	David	05/22/14	3496.59	38.50	-	27.34	0.00	3469.25

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 20	Manny	05/28/14	3496.59	-	-	27.40	0.00	3469.19
MW - 20	Manny	06/02/14	3496.59	-	-	27.47	0.00	3469.12
MW - 20	Manny	06/12/14	3496.59	-	-	27.69	0.00	3468.90
MW - 20	Manny	06/17/14	3496.59	-	-	27.70	0.00	3468.89
MW - 20	Manny	06/25/14	3496.59	-	-	27.79	0.00	3468.80
MW - 20	Manny	06/30/14	3496.59	-	-	27.76	0.00	3468.83
MW - 20	Manny	07/11/14	3496.59	-	-	27.81	0.00	3468.78
MW - 20	Manny	07/14/14	3496.59	-	-	27.83	0.00	3468.76
MW - 20	Manny	07/22/14	3496.59	-	-	27.90	0.00	3468.69
MW - 20	Manny	07/23/14	3496.59	-	-	27.90	0.00	3468.69
MW - 20	Manny	08/05/14	3496.59	-	-	27.97	0.00	3468.62
MW - 20	Manny	08/12/14	3496.59	-	-	28.06	0.00	3468.53
MW - 20	David	08/13/14	3496.59	-	-	28.05	0.00	3468.54
MW - 20	David	08/27/14	3496.59	-	-	28.15	0.00	3468.44
MW - 20	Manny	09/17/14	3496.59	-	-	27.67	0.00	3468.92
MW - 20	Manny	09/23/14	3496.59	-	-	19.56	0.00	3477.03
MW - 20	Manny	10/10/14	3496.59	-	-	22.83	0.00	3473.76
MW - 20	Manny	10/15/14	3496.59	-	-	23.44	0.00	3473.15
MW - 20	Chance	10/20/14	3496.59	-	-	24.02	0.00	3472.57
MW - 20		10/27/14	3496.59	-	-	24.69	0.00	3471.90
MW - 20	Manny	11/04/14	3496.59	-	-	25.55	0.00	3471.04
MW - 20	Manny	11/06/14	3496.59	38.11	-	23.01	0.00	3473.58
MW - 20	Manny	11/11/14	3496.59	-	-	23.09	0.00	3473.50
MW - 20	Chance	11/18/14	3496.59	-	-	22.81	0.00	3473.78
MW - 20	Manny	12/02/14	3496.59	-	-	25.16	0.00	3471.43
MW - 20	Manny	12/09/14	3496.59	-	-	25.47	0.00	3471.12
MW - 20	Carlos	12/17/14	3496.59	-	-	26.67	0.00	3469.92
MW - 20	Manny	12/23/14	3496.59	-	-	25.91	0.00	3470.68
MW - 20	Manny	12/30/14	3496.59	-	-	26.06	0.00	3470.53
MW - 20	Manny	01/06/15	3496.59	-	-	25.97	0.00	3470.62
MW - 20	Carlos	01/09/15	3496.59	-	-	26.04	0.00	3470.55
MW - 20	Manny	01/13/15	3496.59	-	-	25.96	0.00	3470.63
MW - 20	Manny	01/21/15	3496.59	-	-	25.91	0.00	3470.68
MW - 20	Manny	01/26/15	3496.59	-	-	26.02	0.00	3470.57
MW - 20	Carlos	02/05/15	3496.59	-	-	26.14	0.00	3470.45
MW - 20	Carlos	02/16/15	3496.59	-	-	26.04	0.00	3470.55
MW - 20	Manny	02/17/15	3496.59	-	-	26.10	0.00	3470.49
MW - 20	Manny/Art	03/04/15	3496.59	-	-	25.98	0.00	3470.61
MW - 20	Manny	03/10/15	3496.59	-	-	25.98	0.00	3470.61
MW - 20	Manny	03/16/15	3496.59	-	-	25.93	0.00	3470.66
MW - 20	Matt	03/23/15	3496.59	-	-	25.93	0.00	3470.66
MW - 20	Manny	03/31/15	3496.59	-	-	25.82	0.00	3470.77
MW - 20	Manny	04/03/15	3496.59	-	-	26.03	0.00	3470.56
MW - 20	Carlos/Matt	04/06/15	3496.59	-	-	25.85	0.00	3470.74
MW - 20	Manny/Art	04/16/15	3496.59	-	-	25.72	0.00	3470.87
MW - 20	Manny	04/22/15	3496.59	-	-	25.64	0.00	3470.95
MW - 20	Arthur	05/01/15	3496.59	-	-	25.70	0.00	3470.89
MW - 20	Matt	05/11/15	3496.59	-	-	24.29	0.00	3472.30
MW - 20	Manny	05/14/15	3496.59	-	-	23.96	0.00	3472.63
MW - 20	Manny	05/18/15	3496.59	-	-	23.14	0.00	3473.45
MW - 20	Arthur	05/29/15	3496.59	-	-	24.13	0.00	3472.46
MW - 20	Manny	06/04/15	3496.59	-	-	24.55	0.00	3472.04
MW - 20	Manny	06/09/15	3496.59	-	-	24.78	0.00	3471.81
MW - 20	Carlos	06/17/15	3496.59	-	-	23.66	0.00	3472.93
MW - 20	Carlos	06/23/15	3496.59	-	-	23.95	0.00	3472.64
MW - 20	Carlos	06/29/15	3496.59	-	-	24.37	0.00	3472.22
MW - 20	Manny/ Arthur	07/09/15	3496.59	-	-	25.15	0.00	3471.44
MW - 20	Manny	07/15/15	3496.59	-	-	25.39	0.00	3471.20
MW - 20	Carlos/Matt	07/20/15	3496.59	-	-	25.64	0.00	3470.95
MW - 20	Manny	07/30/15	3496.59	-	-	25.94	0.00	3470.65
MW - 20	Carlos	08/03/15	3496.59	-	-	25.93	0.00	3470.66
MW - 20	Manny/Arthur	08/04/15	3496.59	-	-	25.97	0.00	3470.62
MW - 20	Manny	08/11/15	3496.59	-	-	26.12	0.00	3470.47

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 20	Carlos	08/18/15	3496.59	-	-	26.06	0.00	3470.53
MW - 20	Carlos	08/26/15	3496.59	-	-	22.97	0.00	3473.62
MW - 20	Manny	09/02/15	3496.59	-	-	23.99	0.00	3472.60
MW - 20	Carlos	10/22/15	3496.59	-	-	25.32	0.00	3471.27
MW - 20	Manny	11/16/15	3496.59	38.08	-	25.02	0.00	3471.57
MW - 20	Carlos	12/03/15	3496.59	-	-	25.60	0.00	3470.99
MW - 20	Carlos	12/09/15	3496.59	-	-	25.46	0.00	3471.13
MW - 20	Manny	01/06/16	3496.59	-	-	25.52	0.00	3471.07
MW - 20	Carlos	01/13/16	3496.59	-	-	25.62	0.00	3470.97
MW - 20	Carlos	01/15/16	3496.59	-	-	25.60	0.00	3470.99
MW - 20	Carlos	01/29/16	3496.59	-	-	25.39	0.00	3471.20
MW - 20	Carlos	02/04/16	3496.59	-	-	25.35	0.00	3471.24
MW - 20	Manny	02/10/16	3496.59	-	-	25.54	0.00	3471.05
MW - 20	James	03/03/16	3496.59	-	-	25.62	0.00	3470.97
MW - 20	Manny	03/16/15	3496.59	-	-	25.47	0.00	3471.12
MW - 20	Manny	04/12/16	3496.59	-	-	25.28	0.00	3471.31
MW - 20	Manny	04/15/16	3496.59	-	-	25.25	0.00	3471.34
MW - 20	Manny	04/19/16	3496.59	-	-	25.29	0.00	3471.30
MW - 20	Manny	04/29/16	3496.59	-	-	25.29	0.00	3471.30
MW - 20	Carlos	05/04/16	3496.59	-	-	25.32	0.00	3471.27
MW - 20	Manny	05/13/16	3496.59	-	-	25.44	0.00	3471.15
MW - 20	Manny	05/18/16	3496.59	-	-	25.49	0.00	3471.10
MW - 20	Manny	05/25/16	3496.59	-	-	25.37	0.00	3471.22
MW - 20	Manny	06/02/16	3496.59	-	-	25.50	0.00	3471.09
MW - 20	Manny	06/06/16	3496.59	-	-	25.53	0.00	3471.06
MW - 20	Manny	06/16/16	3496.59	-	-	25.18	0.00	3471.41
MW - 20	Manny	06/28/16	3496.59	-	-	25.69	0.00	3470.90
MW - 20	Carlos	07/05/16	3496.59	-	-	25.82	0.00	3470.77
MW - 20	Carlos	07/14/16	3496.59	-	-	26.07	0.00	3470.52
MW - 20	Carlos	07/21/16	3496.59	-	-	26.26	0.00	3470.33
MW - 20	Carlos	07/25/16	3496.59	-	-	26.28	0.00	3470.31
MW - 20	Carlos	08/01/16	3496.59	-	-	26.38	0.00	3470.21
MW - 20	Carlos	08/09/16	3496.59	-	-	26.50	0.00	3470.09
MW - 20	Wes	08/15/16	3496.59	-	-	26.54	0.00	3470.05
MW - 20	Manny/ Wes	08/18/16	3496.59	-	-	26.47	0.00	3470.12
MW - 20	Carlos	08/22/16	3496.59	-	-	26.55	0.00	3470.04
MW - 20	Carlos	09/06/16	3496.59	-	-	19.09	0.00	3477.50
MW - 20	Carlos	09/12/16	3496.59	-	-	18.89	0.00	3477.70
MW - 20	Carlos	09/19/16	3496.59	-	-	17.52	0.00	3479.07
MW - 20	Manny?	09/30/16	3496.59	-		20.22	0.00	3476.37
MW - 20	Carlos	10/17/16	3496.59	-	-	22.14	0.00	3474.45
MW - 20	Wesley	10/25/16	3496.59	38.05	-	22.85	0.00	3473.74
MW - 20	Carlos	11/03/16	3496.59	-	-	23.64	0.00	3472.95
MW - 20	Carlos	11/08/16	3496.59	-	-	23.80	0.00	3472.79
MW - 20	Carlos	11/15/16	3496.59	-	-	23.64	0.00	3472.95
MW - 20	Manny	11/22/16	3496.59	37.98	-	23.68	0.00	3472.91
MW - 20	Carlos	12/05/16	3496.59	-	-	24.17	0.00	3472.42
MW - 20	Wesley	12/13/16	3496.59	-	-	24.30	0.00	3472.29
MW - 20	Carlos	12/22/16	3496.59	-	-	24.26	0.00	3472.33
MW - 20	Carlos	12/27/16	3496.59	-	-	24.37	0.00	3472.22
MW - 20	Carlos	01/04/17	3496.59	-	-	24.29	0.00	3472.30
MW - 20	Carlos	01/13/17	3496.59	-	-	24.58	0.00	3472.01
MW - 20	Carlos	01/17/17	3496.59	-	-	24.40	0.00	3472.19
MW - 20	Carlos	01/24/17	3496.59	-	-	23.99	0.00	3472.60
MW - 20	Carlos	01/31/17	3496.59	-	-	24.01	0.00	3472.58
MW - 20	Carlos	02/07/17	3496.59	-	-	24.18	0.00	3472.41
MW - 20	Wesley	02/16/17	3496.59	-	-	24.19	0.00	3472.40
MW - 20	Carlos	02/20/17	3496.59	-	-	24.40	0.00	3472.19
MW - 20	Carlos	02/28/17	3496.59	-	-	24.57	0.00	3472.02
MW - 20	Carlos	03/06/17	3496.59	-	-	24.25	0.00	3472.34
MW - 20	Carlos	03/14/17	3496.59	-	-	24.30	0.00	3472.29
MW - 20	Carlos	03/24/17	3496.59	-	-	24.30	0.00	3472.29
MW - 20	Carlos	04/04/17	3496.59	-	-	24.20	0.00	3472.39

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 20	Manny	04/13/17	3496.59	-	-	24.24	0.00	3472.35
MW - 20	Manny/ Jeremy	04/19/17	3496.59	-	-	24.19	0.00	3472.40
MW - 20	Jeremy	05/01/17	3496.59	-	-	24.23	0.00	3472.36
MW - 20	Jeremy	05/18/17	3496.59	-	-	24.38	0.00	3472.21
MW - 20	Jeremy	05/23/17	3496.59	-	-	24.51	0.00	3472.08
MW - 20	Jeremy	05/24/17	3496.59	37.98	-	24.51	0.00	3472.08
MW - 20	Jeremy	06/06/17	3496.59		-	24.65	0.00	3471.94
MW - 20	Jeremy	06/12/17	3496.59	-	-	24.68	0.00	3471.91
MW - 20	Jeremy	07/03/17	3496.59	-	-	24.92	0.00	3471.67
MW - 20	Jeremy	07/25/17	3496.59	-	-	24.67	0.00	3471.92
MW - 20	Jeremy	08/14/17	3496.59	-	-	22.94	0.00	3473.65
MW - 20	Jeremy	08/21/17	3496.59	-	-	23.02	0.00	3473.57
MW - 20	Jeremy	09/06/17	3496.59	-	-	23.09	0.00	3473.50
MW - 20	Jeremy	09/12/17	3496.59	-	-	23.14	0.00	3473.45
MW - 20	Jeremy	10/04/17	3496.59	-	-	23.12	0.00	3473.47
MW - 20	Jeremy	10/17/17	3496.59	-	-	23.17	0.00	3473.42
MW - 20	Jeremy	10/23/17	3496.59	-	-	23.58	0.00	3473.01
MW - 20	Jeremy	10/30/17	3496.59	-	-	23.24	0.00	3473.35
MW - 20	Manny/ Jeremy	11/15/17	3496.59	37.80	-	24.31	0.00	3472.28
MW - 20	Jeremy	12/04/17	3496.59	-	-	24.25	0.00	3472.34
MW - 20	Jeremy	12/22/17	3496.59	-	-	21.47	0.00	3475.12
MW - 20	Jeremy	12/29/17	3496.59	-	-	24.48	0.00	3472.11
MW - 20	Jeremy	01/02/18	3496.59	-	-	24.50	0.00	3472.09
MW - 20	Jeremy	01/17/18	3496.59	-	-	24.48	0.00	3472.11
MW - 20	Jeremy	01/23/18	3496.59	-	-	24.53	0.00	3472.06
MW - 20	Jeremy	01/29/18	3496.59	-	-	24.63	0.00	3471.96
MW - 20	Jeremy	02/05/18	3496.59	-	-	24.36	0.00	3472.23
MW - 20	Jeremy	02/14/18	3496.59	-	-	24.48	0.00	3472.11
MW - 20	Jeremy	02/19/18	3496.59	37.86	-	24.36	0.00	3472.23
MW - 20	Jeremy	03/28/18	3496.59	-	-	24.49	0.00	3472.10
MW - 20	Jeremy	04/05/18	3496.59	-	-	25.48	0.00	3471.11
MW - 20	Jeremy	04/27/18	3496.59	-	-	24.59	0.00	3472.00
MW - 20	Jeremy	05/16/18	3496.59	37.69	-	24.60	0.00	3471.99
MW - 20	Jeremy	06/15/18	3496.59	-	-	24.63	0.00	3471.96
MW - 20	Jeremy	06/19/18	3496.59	-	-	24.69	0.00	3471.90
MW - 20	Jeremy	06/22/18	3496.59	-	-	24.69	0.00	3471.90
MW - 20	Jeremy	06/29/18	3496.59	-	-	25.10	0.00	3471.49
MW - 20	Jeremy	07/16/18	3496.59	-	-	25.44	0.00	3471.15
MW - 20	Jeremy	08/14/18	3496.59	-	-	25.64	0.00	3470.95
MW - 20	Jeremy	09/05/18	3496.59	-	-	23.41	0.00	3473.18
MW - 20	Jeremy	09/10/18	3496.59	-	-	22.13	0.00	3474.46
MW - 20	Jeremy	10/08/18	3496.59	-	-	25.03	0.00	3471.56
MW - 20	Jeremy	11/21/18	3496.59	-	-	24.28	0.00	3472.31
MW - 20	Jeremy	11/28/18	3496.59	37.53	-	24.51	0.00	3472.08
MW - 20	Manny/Elias	12/07/18	3496.59	-	-	24.83	0.00	3471.76
MW - 20	Manny/Elias	12/14/18	3496.59	-	-	24.95	0.00	3471.64
MW - 20	Manny/Elias	01/29/19	3496.59	-	-	24.93	0.00	3471.66
MW - 20	Manny/Elias	03/04/19	3496.59	-	-	25.09	0.00	3471.50
MW - 20	Manny/Elias	03/27/19	3496.59	-	-	23.73	0.00	3472.86
MW - 20	Manny/Elias	03/29/19	3496.59	-	-	23.80	0.00	3472.79
MW - 20	Manny/Elias	04/02/19	3496.59	-	-	23.99	0.00	3472.60
MW - 20	Manny/Elias	04/18/19	3496.59	-	-	24.56	0.00	3472.03
MW - 20	Manny/Elias	04/25/19	3496.59	-	-	24.49	0.00	3472.10
MW - 20	Elias	05/02/19	3496.59	-	-	24.66	0.00	3471.93
MW - 20	Manny/Elias	05/13/19	3496.59	37.37	-	24.74	0.00	3471.85
MW - 20	Manny/Elias	05/20/19	3496.59	-	-	24.68	0.00	3471.91
MW - 20	Manny/Elias	06/06/19	3496.59	-	-	25.05	0.00	3471.54
MW - 20	Manny/Elias	06/07/19	3496.59	37.38	-	25.65	0.00	3470.94
MW - 20	Manny/Elias	07/17/19	3496.59	-	-	24.30	0.00	3472.29
MW - 20	Elias	09/10/19	3496.59	-	-	24.82	0.00	3471.77
MW - 20	Elias	10/16/19	3496.59	-	-	23.54	0.00	3473.05
MW - 20	Elias	11/04/19	3496.59	-	-	24.90	0.00	3471.69
MW - 20	Elias	11/12/19	3496.59	-	-	21.30	0.00	3475.29

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 20	Elias	12/04/19	3496.59	37.29	-	24.04	0.00	3472.55
MW - 20	Elias	12/30/19	3496.59	-	-	24.89	0.00	3471.70
MW - 20	Elias	01/14/20	3496.59	-	-	24.96	0.00	3471.63
MW - 20	Elias	02/12/20	3496.59	-	-	24.91	0.00	3471.68
MW - 20	Elias	05/15/20	3496.59	-	-	24.51	0.00	3472.08
MW - 20	Manny	06/25/20	3496.59	37.28	-	25.35	0.00	3471.24
MW - 20	Manny	07/28/20	3496.59	-	-	25.75	0.00	3470.84
MW - 20	Manny	08/18/20	3496.59	-	-	25.80	0.00	3470.79
MW - 20	Manny	09/11/20	3496.59	-	-	26.00	0.00	3470.59
MW - 20	Manny	10/30/20	3496.59	-	-	26.22	0.00	3470.37
MW - 20	Manny	11/10/20	3496.59	37.28	-	26.11	0.00	3470.48
MW - 20	Manny	12/30/20	3496.59	-	-	26.22	0.00	3470.37
MW - 20	Manny	01/21/21	3496.59	-	-	26.09	0.00	3470.50
MW - 20	Manny	03/17/21	3496.59	-	-	26.28	0.00	3470.31
MW - 20	Manny	05/27/21	3496.59	37.27	-	26.02	0.00	3470.57
MW - 20	Manny	07/26/21	3496.59	-	-	25.92	0.00	3470.67
MW - 20	Manny	09/29/21	3496.59	37.29	-	26.18	0.00	3470.41
MW - 20	Manny	10/13/21	3496.59	-	-	25.60	0.00	3470.99
MW - 20	Manny	12/01/21	3496.59	37.28	-	26.38	0.00	3470.21
MW - 20	Manny	01/13/22	3496.59	-	-	26.39	0.00	3470.20
MW - 20	Manny	03/03/22	3496.59	-	-	26.50	0.00	3470.09
MW - 20	Manny	04/28/22	3496.59	-	-	26.57	0.00	3470.02
MW - 20	Manny	06/02/22	3496.59	37.26	-	26.91	0.00	3469.68
MW - 20	Manny	08/23/22	3496.59	-	-	27.60	0.00	3468.99
MW - 20	Manny	10/19/22	3496.59	37.27	-	27.19	0.00	3469.40
MW - 20	Manny	03/07/23	3496.59	-	-	26.81	0.00	3469.78
MW - 20	Manny	05/02/23	3496.59	37.18	-	26.70	0.00	3469.89
MW - 20	Manny	08/29/23	3496.59	-	-	27.71	0.00	3468.88
MW - 20	Manny	11/29/23	3496.59	37.34	-	27.03	0.00	3469.56
MW - 20	Manny	03/25/24	3496.59	-	-	26.89	0.00	3469.70
MW - 20	Manny	06/19/24	3496.59	-	-	27.69	0.00	3468.90
MW - 20	Manny	09/10/24	3496.59	-	-	28.13	0.00	3468.46
MW - 20	Manny	11/13/24	3496.59	37.32	-	26.86	0.00	3469.73
MW - 21		06/07/02	3503.03	-	-	35.39	0.00	3467.64
MW - 21		09/27/02	3503.03	-	-	35.42	0.00	3467.61
MW - 21		12/04/02	3503.03	-	-	35.12	0.00	3467.91
MW - 21		02/25/03	3503.03	-	-	34.87	0.00	3468.16
MW - 21		05/22/03	3503.03	-	-	35.03	0.00	3468.00
MW - 21		08/26/03	3503.03	-	-	36.14	0.00	3466.89
MW - 21		11/25/03	3503.03	-	-	36.34	0.00	3466.69
MW - 21		02/10/04	3503.03	-	-	36.38	0.00	3466.65
MW - 21		05/10/04	3503.03	-	-	34.45	0.00	3468.58
MW - 21		08/25/04	3503.03	-	-	34.35	0.00	3468.68
MW - 21		12/01/04	3503.03	-	-	33.06	0.00	3469.97
MW - 21		03/10/05	3503.03	-	-	32.35	0.00	3470.68
MW - 21		06/10/05	3503.03	-	-	31.69	0.00	3471.34
MW - 21		09/09/05	3503.03	-	-	32.09	0.00	3470.94
MW - 21		12/05/05	3503.03	-	-	31.84	0.00	3471.19
MW - 21		03/09/06	3503.03	-	-	31.72	0.00	3471.31
MW - 21		06/08/06	3503.03	-	-	32.28	0.00	3470.75
MW - 21		09/15/06	3503.03	-	-	32.33	0.00	3470.70
MW - 21		11/29/06	3503.03	-	-	31.70	0.00	3471.33
MW - 21		02/26/07	3503.03	-	-	31.77	0.00	3471.26
MW - 21		05/21/07	3503.03	-	-	31.21	0.00	3471.82
MW - 21		08/16/07	3503.03	-	-	32.06	0.00	3470.97
MW - 21		11/07/07	3503.03	-	-	31.66	0.00	3471.37
MW - 21		02/12/08	3503.03	-	-	31.73	0.00	3471.30
MW - 21		05/15/08	3503.03	-	-	31.87	0.00	3471.16
MW - 21		08/18/08	3503.03	-	-	32.88	0.00	3470.15
MW - 21		11/13/08	3503.03	-	-	32.36	0.00	3470.67
MW - 21		02/11/09	3503.03	-	-	32.43	0.00	3470.60
MW - 21		05/13/09	3503.03	-	-	33.06	0.00	3469.97

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 21		08/11/09	3503.03	-	-	34.16	0.00	3468.87
MW - 21		11/23/09	3503.03	-	-	33.51	0.00	3469.52
MW - 21		01/05/10	3503.03	-	-	34.01	0.00	3469.02
MW - 21		02/10/10	3503.03	-	-	33.55	0.00	3469.48
MW - 21		05/25/10	3503.03	-	-	33.49	0.00	3469.54
MW - 21		08/13/10	3503.03	-	-	33.48	0.00	3469.55
MW - 21		11/17/10	3503.03	-	-	33.50	0.00	3469.53
MW - 21		02/22/11	3503.03	-	-	33.51	0.00	3469.52
MW - 21		05/17/11	3503.03	-	-	33.51	0.00	3469.52
MW - 21		08/11/11	3503.03	-	-	33.78	0.00	3469.25
MW - 21		11/08/11	3503.03	-	-	34.33	0.00	3468.70
MW - 21		03/01/12	3503.03	-	-	34.08	0.00	3468.95
MW - 21		05/23/12	3503.03	-	-	34.10	0.00	3468.93
MW - 21		08/09/12	3503.03	-	-	34.54	0.00	3468.49
MW - 21		11/19/12	3503.03	-	-	34.65	0.00	3468.38
MW - 21		02/12/13	3503.03	-	-	34.51	0.00	3468.52
MW - 21		05/15/13	3503.03	-	-	35.87	0.00	3467.16
MW - 21		08/07/13	3503.03	-	-	36.48	0.00	3466.55
MW - 21		11/27/13	3503.03	39.15	-	36.63	0.00	3466.40
MW - 21	John F.	02/10/14	3503.03	-	-	36.39	0.00	3466.64
MW - 21	David	05/22/14	3503.03	-	-	36.53	0.00	3466.50
MW - 21	Manny	07/22/14	3503.03	-	-	37.10	0.00	3465.93
MW - 21	David	08/13/14	3503.03	-	-	37.26	0.00	3465.77
MW - 21		10/27/14	3503.03	-	-	35.64	0.00	3467.39
MW - 21	Manny	11/05/14	3503.03	39.15	-	35.64	0.00	3467.39
MW - 21	Carlos	01/09/15	3503.03	-	-	35.36	0.00	3467.67
MW - 21	Manny	02/17/15	3503.03	-	-	35.26	0.00	3467.77
MW - 21	Manny	03/31/15	3503.03	-	-	35.02	0.00	3468.01
MW - 21	Manny	05/14/15	3503.03	-	-	34.78	0.00	3468.25
MW - 21	Manny/ Arthur	07/09/15	3503.03	-	-	34.90	0.00	3468.13
MW - 21	Manny/ Arthur	08/04/15	3503.03	-	-	35.24	0.00	3467.79
MW - 21	Manny	11/16/15	3503.03	39.18	-	34.79	0.00	3468.24
MW - 21	Manny	01/15/16	3503.03	-	-	34.78	0.00	3468.25
MW - 21	Manny	02/10/16	3503.03	-	-	34.76	0.00	3468.27
MW - 21	Manny	04/15/16	3503.03	-	-	34.49	0.00	3468.54
MW - 21	Manny	05/24/16	3503.03	-	-	34.56	0.00	3468.47
MW - 21	Manny	06/28/16	3503.03	-	-	35.02	0.00	3468.01
MW - 21	Carlos	07/21/16	3503.03	-	-	35.34	0.00	3467.69
MW - 21	Manny/ Wes	08/18/16	3503.03	-	-	35.56	0.00	3467.47
MW - 21	Wesley	10/25/16	3503.03	39.10	-	33.46	0.00	3469.57
MW - 21	Manny	11/21/16	3503.03	39.17	-	33.43	0.00	3469.60
MW - 21	Carlos	12/27/16	3503.03	-	-	33.90	0.00	3469.13
MW - 21	Carlos	01/24/17	3503.03	-	-	33.48	0.00	3469.55
MW - 21	Carlos	02/28/17	3503.03	-	-	33.68	0.00	3469.35
MW - 21	Manny/ Jeremy	04/19/17	3503.03	-	-	33.28	0.00	3469.75
MW - 21	Jeremy	05/18/17	3503.03	-	-	33.46	0.00	3469.57
MW - 21	Jeremy	06/12/17	3503.03	-	-	33.74	0.00	3469.29
MW - 21	Jeremy	07/25/17	3503.03	-	-	34.19	0.00	3468.84
MW - 21	Jeremy	08/14/17	3503.03	-	-	33.87	0.00	3469.16
MW - 21	Jeremy	10/17/17	3503.03	-	-	33.52	0.00	3469.51
MW - 21	Manny/ Jeremy	11/15/17	3503.03	39.19	-	33.69	0.00	3469.34
MW - 21	Jeremy	12/22/17	3503.03	-	-	32.59	0.00	3470.44
MW - 21	Jeremy	01/17/18	3503.03	-	-	33.56	0.00	3469.47
MW - 21	Jeremy	02/19/18	3503.03	-	-	33.40	0.00	3469.63
MW - 21	Jeremy	03/28/18	3503.03	-	-	33.54	0.00	3469.49
MW - 21	Jeremy	04/27/18	3503.03	-	-	33.33	0.00	3469.70
MW - 21	Jeremy	05/15/18	3503.03	-	-	32.73	0.00	3470.30
MW - 21	Jeremy	06/29/18	3503.03	-	-	34.27	0.00	3468.76
MW - 21	Jeremy	07/16/18	3503.03	-	-	34.49	0.00	3468.54
MW - 21	Jeremy	08/14/18	3503.03	-	-	34.93	0.00	3468.10
MW - 21	Jeremy	11/28/18	3503.03	-	-	34.09	0.00	3468.94
MW - 21	Jeremy	12/14/18	3503.03	-	-	34.22	0.00	3468.81
MW - 21	Manny/Elias	01/29/19	3503.03	-	-	34.06	0.00	3468.97

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 21	Manny/Elias	03/04/19	3503.03	-	-	34.05	0.00	3468.98
MW - 21	Jeremy	03/29/19	3503.03	-	-	33.84	0.00	3469.19
MW - 21	Jeremy	04/18/19	3503.03	-	-	33.96	0.00	3469.07
MW - 21	Manny/Elias	05/13/19	3503.03	-	-	33.91	0.00	3469.12
MW - 21	Manny/Elias	06/06/19	3503.03	-	-	34.12	0.00	3468.91
MW - 21	Manny/Elias	07/17/19	3503.03	-	-	34.50	0.00	3468.53
MW - 21	Elias	09/10/19	3503.03	-	-	34.92	0.00	3468.11
MW - 21	Elias	10/16/19	3503.03	-	-	34.57	0.00	3468.46
MW - 21	Elias	12/03/19	3503.03	39.17	-	34.18	0.00	3468.85
MW - 21	Elias	12/30/19	3503.03	-	-	34.19	0.00	3468.84
MW - 21	Elias	01/14/20	3503.03	-	-	34.18	0.00	3468.85
MW - 21	Elias	02/12/20	3503.03	-	-	34.07	0.00	3468.96
MW - 21	Elias	05/15/20	3503.03	-	-	33.70	0.00	3469.33
MW - 21	Manny	06/24/20	3503.03	-	-	34.37	0.00	3468.66
MW - 21	Manny	07/28/20	3503.03	-	-	34.76	0.00	3468.27
MW - 21	Manny	08/18/20	3503.03	-	-	34.86	0.00	3468.17
MW - 21	Manny	09/11/20	3503.03	-	-	35.02	0.00	3468.01
MW - 21	Manny	10/30/20	3503.03	-	-	35.19	0.00	3467.84
MW - 21	Manny	11/10/20	3503.03	39.17	-	35.07	0.00	3467.96
MW - 21	Manny	12/30/20	3503.03	-	-	35.23	0.00	3467.80
MW - 21	Manny	01/21/21	3503.03	-	-	35.11	0.00	3467.92
MW - 21	Manny	03/17/21	3503.03	-	-	35.27	0.00	3467.76
MW - 21	Manny	05/26/21	3503.03	-	-	35.24	0.00	3467.79
MW - 21	Manny	07/26/21	3503.03	-	-	35.31	0.00	3467.72
MW - 21	Manny	09/28/21	3503.03	-	-	35.58	0.00	3467.45
MW - 21	Manny	10/13/21	3503.03	-	-	35.52	0.00	3467.51
MW - 21	Manny	12/01/21	3503.03	39.15	-	35.51	0.00	3467.52
MW - 21	Manny	01/13/22	3503.03	-	-	35.51	0.00	3467.52
MW - 21	Manny	03/03/22	3503.03	-	-	35.58	0.00	3467.45
MW - 21	Manny	04/28/22	3503.03	-	-	35.62	0.00	3467.41
MW - 21	Manny	05/31/22	3503.03	-	-	35.97	0.00	3467.06
MW - 21	Manny	08/23/22	3503.03	-	-	36.68	0.00	3466.35
MW - 21	Manny	10/19/22	3503.03	39.16	-	36.48	0.00	3466.55
MW - 21	Manny	03/07/23	3503.03	-	-	35.30	0.00	3467.73
MW - 21	Manny	05/01/23	3503.03	-	-	35.23	0.00	3467.80
MW - 21	Manny	08/29/23	3503.03	-	-	36.30	0.00	3466.73
MW - 21	Manny	11/29/23	3503.03	38.79	-	35.81	0.00	3467.22
MW - 21	Manny	03/25/24	3503.03	-	-	35.42	0.00	3467.61
MW - 21	Manny	06/19/24	3503.03	-	-	36.29	0.00	3466.74
MW - 21	Manny	09/10/24	3503.03	-	-	36.69	0.00	3466.34
MW - 21	Manny	11/13/24	3503.03	38.81	-	36.63	0.00	3466.40
MW - 22		06/07/02	3500.05	-	-	32.73	0.00	3467.32
MW - 22		09/27/02	3500.05	-	-	32.81	0.00	3467.24
MW - 22		12/04/02	3500.05	-	-	32.48	0.00	3467.57
MW - 22		02/25/03	3500.05	-	-	32.25	0.00	3467.80
MW - 22		05/22/03	3500.05	-	-	32.39	0.00	3467.66
MW - 22		08/26/03	3500.05	-	-	33.52	0.00	3466.53
MW - 22		11/25/03	3500.05	-	-	33.68	0.00	3466.37
MW - 22		02/10/04	3500.05	-	-	33.74	0.00	3466.31
MW - 22		05/10/04	3500.05	-	-	31.78	0.00	3468.27
MW - 22		08/25/04	3500.05	-	-	31.70	0.00	3468.35
MW - 22		12/01/04	3500.05	-	-	30.58	0.00	3469.47
MW - 22		03/10/05	3500.05	-	-	29.84	0.00	3470.21
MW - 22		06/10/05	3500.05	-	-	29.12	0.00	3470.93
MW - 22		09/09/05	3500.05	-	-	29.53	0.00	3470.52
MW - 22		12/05/05	3500.05	-	-	29.32	0.00	3470.73
MW - 22		03/09/06	3500.05	-	-	29.17	0.00	3470.88
MW - 22		06/08/06	3500.05	-	-	29.68	0.00	3470.37
MW - 22		09/15/06	3500.05	-	-	29.48	0.00	3470.57
MW - 22		11/29/06	3500.05	-	-	29.19	0.00	3470.86
MW - 22		02/26/07	3500.05	-	-	29.19	0.00	3470.86
MW - 22		05/21/07	3500.05	-	-	28.62	0.00	3471.43

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 22		08/16/07	3500.05	-	-	29.46	0.00	3470.59
MW - 22		11/07/07	3500.05	-	-	29.09	0.00	3470.96
MW - 22		02/12/08	3500.05	-	-	29.14	0.00	3470.91
MW - 22		05/15/08	3500.05	-	-	29.30	0.00	3470.75
MW - 22		08/18/08	3500.05	-	-	30.25	0.00	3469.80
MW - 22		11/13/08	3500.05	-	-	29.78	0.00	3470.27
MW - 22		02/11/09	3500.05	-	-	29.87	0.00	3470.18
MW - 22		05/13/09	3500.05	-	-	29.83	0.00	3470.22
MW - 22		08/11/09	3500.05	-	-	30.28	0.00	3469.77
MW - 22		11/23/09	3500.05	-	-	30.91	0.00	3469.14
MW - 22		01/05/10	3500.05	-	-	30.72	0.00	3469.33
MW - 22		02/10/10	3500.05	-	-	30.94	0.00	3469.11
MW - 22		05/25/10	3500.05	-	-	30.86	0.00	3469.19
MW - 22		08/13/10	3500.05	-	-	30.88	0.00	3469.17
MW - 22		11/17/10	3500.05	-	-	30.93	0.00	3469.12
MW - 22		02/22/11	3500.05	-	-	30.90	0.00	3469.15
MW - 22		05/17/11	3500.05	-	-	30.93	0.00	3469.12
MW - 22		08/11/11	3500.05	-	-	31.20	0.00	3468.85
MW - 22		11/08/11	3500.05	-	-	31.74	0.00	3468.31
MW - 22		03/01/12	3500.05	-	-	31.46	0.00	3468.59
MW - 22		05/23/12	3500.05	-	-	31.48	0.00	3468.57
MW - 22		08/09/12	3500.05	-	-	31.92	0.00	3468.13
MW - 22		11/19/12	3500.05	-	-	32.03	0.00	3468.02
MW - 22		02/12/13	3500.05	-	-	31.90	0.00	3468.15
MW - 22		05/15/13	3500.05	-	-	33.52	0.00	3466.53
MW - 22		08/07/13	3500.05	-	-	33.98	0.00	3466.07
MW - 22		11/27/13	3500.05	38.68	-	34.10	0.00	3465.95
MW - 22	John F.	02/10/14	3500.05	-	-	34.64	0.00	3465.41
MW - 22	David	05/22/14	3500.05	-	-	34.02	0.00	3466.03
MW - 22	Manny	07/22/14	3500.05	-	-	34.05	0.00	3466.00
MW - 22	David	08/13/14	3500.05	-	-	34.19	0.00	3465.86
MW - 22		10/27/14	3500.05	-	-	32.56	0.00	3467.49
MW - 22	Manny	11/05/14	3500.05	38.12	-	33.60	0.00	3466.45
MW - 22	Carlos	01/09/15	3500.05	-	-	32.95	0.00	3467.10
MW - 22	Manny	02/17/15	3500.05	-	-	32.85	0.00	3467.20
MW - 22	Manny	03/31/15	3500.05	-	-	32.62	0.00	3467.43
MW - 22	Manny	05/14/15	3500.05	-	-	32.38	0.00	3467.67
MW - 22	Manny/ Arthur	07/09/15	3500.05	-	-	32.44	0.00	3467.61
MW - 22	Manny/ Arthur	08/04/15	3500.05	-	-	32.78	0.00	3467.27
MW - 22	Manny	11/16/15	3500.05	38.72	-	32.42	0.00	3467.63
MW - 22	Manny	01/15/16	3500.05	-	-	32.35	0.00	3467.70
MW - 22	Manny	02/10/16	3500.05	-	-	32.32	0.00	3467.73
MW - 22	Manny	04/15/16	3500.05	-	-	32.08	0.00	3467.97
MW - 22	Manny	05/24/16	3500.05	-	-	32.15	0.00	3467.90
MW - 22	Manny	06/28/16	3500.05	-	-	32.58	0.00	3467.47
MW - 22	Carlos	07/21/16	3500.05	-	-	32.90	0.00	3467.15
MW - 22	Manny/ Wes	08/18/16	3500.05	-	-	33.14	0.00	3466.91
MW - 22	Wesley	10/25/16	3500.05	38.73	-	31.15	0.00	3468.90
MW - 22	Manny	11/22/16	3500.05	32.72	-	31.10	0.00	3468.95
MW - 22	Carlos	12/27/16	3500.05	-	-	31.23	0.00	3468.82
MW - 22	Carlos	01/24/17	3500.05	-	-	31.12	0.00	3468.93
MW - 22	Carlos	03/01/17	3500.05	-	-	31.27	0.00	3468.78
MW - 22	Manny/ Jeremy	04/19/17	3500.05	-	-	30.90	0.00	3469.15
MW - 22	Jeremy	05/18/17	3500.05	-	-	31.04	0.00	3469.01
MW - 22	Jeremy	06/12/17	3500.05	-	-	31.34	0.00	3468.71
MW - 22	Jeremy	07/25/17	3500.05	-	-	31.93	0.00	3468.12
MW - 22	Jeremy	08/14/17	3500.05	-	-	30.47	0.00	3469.58
MW - 22	Jeremy	10/17/17	3500.05	-	-	31.12	0.00	3468.93
MW - 22	Manny/ Jeremy	11/15/17	3500.05	38.81	-	31.29	0.00	3468.76
MW - 22	Jeremy	12/22/17	3500.05	-	-	31.18	0.00	3468.87
MW - 22	Jeremy	01/17/18	3500.05	-	-	31.16	0.00	3468.89
MW - 22	Jeremy	02/19/18	3500.05	-	-	31.01	0.00	3469.04
MW - 22	Jeremy	03/28/18	3500.05	-	-	31.13	0.00	3468.92

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 22	Jeremy	04/27/18	3500.05	-	-	31.21	0.00	3468.84
MW - 22	Jeremy	05/15/18	3500.05	-	-	31.31	0.00	3468.74
MW - 22	Jeremy	06/29/18	3500.05	-	-	31.85	0.00	3468.20
MW - 22	Jeremy	07/16/18	3500.05	-	-	32.05	0.00	3468.00
MW - 22	Jeremy	08/14/18	3500.05	-	-	32.37	0.00	3467.68
MW - 22	Jeremy	11/28/18	3500.05	-	-	31.73	0.00	3468.32
MW - 22	Jeremy	12/14/18	3500.05	-	-	31.82	0.00	3468.23
MW - 22	Manny/Elias	01/29/19	3500.05	-	-	31.77	0.00	3468.28
MW - 22	Manny/Elias	03/04/19	3500.05	-	-	31.66	0.00	3468.39
MW - 22	Jeremy	03/29/19	3500.05	-	-	31.44	0.00	3468.61
MW - 22	Jeremy	04/18/19	3500.05	-	-	31.53	0.00	3468.52
MW - 22	Manny/Elias	05/13/19	3500.05	-	-	31.48	0.00	3468.57
MW - 22	Manny/Elias	06/06/19	3500.05	-	-	31.70	0.00	3468.35
MW - 22	Manny/Elias	07/17/19	3500.05	-	-	32.06	0.00	3467.99
MW - 22	Elias	09/10/19	3500.05	-	-	32.48	0.00	3467.57
MW - 22	Elias	10/16/19	3500.05	-	-	32.19	0.00	3467.86
MW - 22	Elias	12/03/19	3500.05	38.72	-	31.77	0.00	3468.28
MW - 22	Elias	12/30/19	3500.05	-	-	31.77	0.00	3468.28
MW - 22	Elias	01/14/20	3500.05	-	-	31.77	0.00	3468.28
MW - 22	Elias	02/12/20	3500.05	-	-	31.67	0.00	3468.38
MW - 22	Elias	05/15/20	3500.05	-	-	31.29	0.00	3468.76
MW - 22	Manny	06/24/20	3500.05	-	-	31.94	0.00	3468.11
MW - 22	Manny	07/28/20	3500.05	-	-	32.31	0.00	3467.74
MW - 22	Manny	08/18/20	3500.05	-	-	32.42	0.00	3467.63
MW - 22	Manny	09/11/20	3500.05	-	-	35.58	0.00	3464.47
MW - 22	Manny	10/30/20	3500.05	-	-	32.76	0.00	3467.29
MW - 22	Manny	11/10/20	3500.05	38.73	-	32.70	0.00	3467.35
MW - 22	Manny	12/30/20	3500.05	-	-	32.79	0.00	3467.26
MW - 22	Manny	01/21/21	3500.05	-	-	32.74	0.00	3467.31
MW - 22	Manny	03/17/21	3500.05	-	-	32.82	0.00	3467.23
MW - 22	Manny	05/26/21	3500.05	-	-	32.79	0.00	3467.26
MW - 22	Manny	07/26/21	3500.05	-	-	32.89	0.00	3467.16
MW - 22	Manny	09/28/21	3500.05	-	-	33.15	0.00	3466.90
MW - 22	Manny	10/13/21	3500.05	-	-	33.10	0.00	3466.95
MW - 22	Manny	12/01/21	3500.05	38.70	-	33.09	0.00	3466.96
MW - 22	Manny	01/13/22	3500.05	-	-	33.09	0.00	3466.96
MW - 22	Manny	03/03/22	3500.05	-	-	33.15	0.00	3466.90
MW - 22	Manny	04/28/22	3500.05	-	-	33.20	0.00	3466.85
MW - 22	Manny	05/31/22	3500.05	-	-	33.55	0.00	3466.50
MW - 22	Manny	08/23/22	3500.05	-	-	34.27	0.00	3465.78
MW - 22	Manny	10/19/22	3500.05	38.64	-	34.04	0.00	3466.01
MW - 22	Manny	03/07/23	3500.05	-	-	33.50	0.00	3466.55
MW - 22	Manny	05/01/23	3500.05	-	-	33.39	0.00	3466.66
MW - 22	Manny	08/29/23	3500.05	-	-	34.48	0.00	3465.57
MW - 22	Manny	11/29/23	3500.05	38.56	-	33.98	0.00	3466.07
MW - 22	Manny	03/25/24	3500.05	-	-	33.59	0.00	3466.46
MW - 22	Manny	06/19/24	3500.05	-	-	34.47	0.00	3465.58
MW - 22	Manny	09/10/24	3500.05	-	-	34.83	0.00	3465.22
MW - 22	Manny	11/13/24	3500.05	38.47	-	34.77	0.00	3465.28
MW - 23		06/07/02	3498.88	-	-	31.59	0.00	3467.29
MW - 23		09/27/02	3498.88	-	-	31.68	0.00	3467.20
MW - 23		12/04/02	3498.88	-	-	31.36	0.00	3467.52
MW - 23		02/25/03	3498.88	-	-	31.06	0.00	3467.82
MW - 23		05/22/03	3498.88	-	-	31.22	0.00	3467.66
MW - 23		08/26/03	3498.88	-	-	32.38	0.00	3466.50
MW - 23		11/25/03	3498.88	-	-	32.50	0.00	3466.38
MW - 23		02/10/04	3498.88	-	-	32.58	0.00	3466.30
MW - 23		05/10/04	3498.88	-	-	30.68	0.00	3468.20
MW - 23		08/25/04	3498.88	-	-	30.61	0.00	3468.27
MW - 23		12/01/04	3498.88	-	-	29.50	0.00	3469.38
MW - 23		03/10/05	3498.88	-	-	28.75	0.00	3470.13
MW - 23		06/10/05	3498.88	-	-	27.94	0.00	3470.94

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 23		09/09/05	3498.88	-	-	28.40	0.00	3470.48
MW - 23		12/05/05	3498.88	-	-	28.20	0.00	3470.68
MW - 23		03/09/06	3498.88	-	-	28.03	0.00	3470.85
MW - 23		06/08/06	3498.88	-	-	28.61	0.00	3470.27
MW - 23		09/15/06	3498.88	-	-	28.34	0.00	3470.54
MW - 23		11/29/06	3498.88	-	-	28.05	0.00	3470.83
MW - 23		02/14/07	3498.88	-	-	28.07	0.00	3470.81
MW - 23		02/28/07	3498.88	-	-	28.06	0.00	3470.82
MW - 23		05/21/07	3498.88	-	-	27.44	0.00	3471.44
MW - 23		08/16/07	3498.88	-	-	28.32	0.00	3470.56
MW - 23		11/07/07	3498.88	-	-	27.98	0.00	3470.90
MW - 23		02/12/08	3498.88	-	-	28.63	0.00	3470.25
MW - 23		05/15/08	3498.88	-	-	28.14	0.00	3470.74
MW - 23		08/18/08	3498.88	-	-	29.04	0.00	3469.84
MW - 23		09/17/08	3498.88	-	-	28.90	0.00	3469.98
MW - 23		11/13/08	3498.88	-	-	28.68	0.00	3470.20
MW - 23		02/11/09	3498.88	-	-	28.74	0.00	3470.14
MW - 23		02/24/09	3498.88	-	-	28.65	0.00	3470.23
MW - 23		03/04/09	3498.88	-	-	28.65	0.00	3470.23
MW - 23		03/17/09	3498.88	-	-	28.67	0.00	3470.21
MW - 23		03/25/09	3498.88	-	-	28.68	0.00	3470.20
MW - 23		04/08/09	3498.88	-	-	28.67	0.00	3470.21
MW - 23		04/15/09	3498.88	-	-	28.66	0.00	3470.22
MW - 23		04/15/09	3498.88	-	-	28.65	0.00	3470.23
MW - 23		05/13/09	3498.88	-	-	28.74	0.00	3470.14
MW - 23		06/10/09	3498.88	-	-	28.75	0.00	3470.13
MW - 23		06/12/09	3498.88	-	-	29.15	0.00	3469.73
MW - 23		06/18/09	3498.88	-	-	28.74	0.00	3470.14
MW - 23		07/02/09	3498.88	-	-	29.30	0.00	3469.58
MW - 23		07/08/09	3498.88	-	-	29.28	0.00	3469.60
MW - 23		07/14/09	3498.88	-	-	29.32	0.00	3469.56
MW - 23		07/20/09	3498.88	-	-	29.34	0.00	3469.54
MW - 23		07/27/09	3498.88	-	-	29.35	0.00	3469.53
MW - 23		08/03/09	3498.88	-	-	29.38	0.00	3469.50
MW - 23		08/11/09	3498.88	-	-	29.49	0.00	3469.39
MW - 23		08/24/09	3498.88	-	-	39.13	0.00	3459.75
MW - 23		08/31/09	3498.88	-	-	39.16	0.00	3459.72
MW - 23		09/08/09	3498.88	-	-	29.57	0.00	3469.31
MW - 23		09/22/09	3498.88	-	-	29.58	0.00	3469.30
MW - 23		09/29/09	3498.88	-	-	29.35	0.00	3469.53
MW - 23		10/07/09	3498.88	-	-	29.71	0.00	3469.17
MW - 23		10/12/09	3498.88	-	-	29.30	0.00	3469.58
MW - 23		10/16/09	3498.88	-	-	29.59	0.00	3469.29
MW - 23		10/26/09	3498.88	-	-	29.31	0.00	3469.57
MW - 23		11/12/09	3498.88	-	-	29.76	0.00	3469.12
MW - 23		11/23/09	3498.88	-	-	29.78	0.00	3469.10
MW - 23		12/28/09	3498.88	-	-	29.33	0.00	3469.55
MW - 23		01/05/10	3498.88	-	-	29.79	0.00	3469.09
MW - 23		01/20/10	3498.88	-	-	29.31	0.00	3469.57
MW - 23		01/25/10	3498.88	-	-	29.33	0.00	3469.55
MW - 23		02/10/10	3498.88	-	-	29.81	0.00	3469.07
MW - 23		03/01/10	3498.88	-	-	29.36	0.00	3469.52
MW - 23		05/25/10	3498.88	-	-	29.59	0.00	3469.29
MW - 23		06/12/10	3498.88	-	-	-	-	-
MW - 23		06/25/10	3498.88	-	-	29.83	0.00	3469.05
MW - 23		07/07/10	3498.88	-	-	29.61	0.00	3469.27
MW - 23		07/12/10	3498.88	-	-	29.22	0.00	3469.66
MW - 23		07/26/10	3498.88	-	-	-	0.00	-
MW - 23		08/03/10	3498.88	-	-	28.97	0.00	3469.91
MW - 23		08/13/10	3498.88	-	-	28.93	0.00	3469.95
MW - 23		08/19/10	3498.88	-	-	28.95	0.00	3469.93
MW - 23		08/25/10	3498.88	-	-	29.02	0.00	3469.86
MW - 23		09/01/10	3498.88	-	-	28.95	0.00	3469.93

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 23		09/09/10	3498.88	-	-	29.00	0.00	3469.88
MW - 23		09/29/10	3498.88	-	-	28.99	0.00	3469.89
MW - 23		11/03/10	3498.88	-	-	28.91	0.00	3469.97
MW - 23		11/10/10	3498.88	-	-	29.16	0.00	3469.72
MW - 23		11/18/10	3498.88	-	-	29.80	0.00	3469.08
MW - 23		12/09/10	3498.88	-	-	28.96	0.00	3469.92
MW - 23		02/22/11	3498.88	-	-	29.21	0.00	3469.67
MW - 23		03/01/11	3498.88	-	sheen	29.34	0.00	3469.54
MW - 23		03/07/11	3498.88	-	sheen	29.19	0.00	3469.69
MW - 23		04/27/11	3498.88	-	-	29.47	0.00	3469.41
MW - 23		05/05/11	3498.88	-	sheen	29.50	0.00	3469.38
MW - 23		05/10/11	3498.88	-	-	29.37	0.00	3469.51
MW - 23		05/17/11	3498.88	-	-	29.83	0.00	3469.05
MW - 23		05/17/11	3498.88	-	-	29.83	0.00	3469.05
MW - 23		05/24/11	3498.88	-	-	29.91	0.00	3468.97
MW - 23		06/07/11	3498.88	-	-	29.64	0.00	3469.24
MW - 23		06/14/11	3498.88	-	-	29.78	0.00	3469.10
MW - 23		06/23/11	3498.88	-	-	29.70	0.00	3469.18
MW - 23		06/28/11	3498.88	-	-	29.82	0.00	3469.06
MW - 23		07/06/11	3498.88	-	sheen	30.07	0.00	3468.81
MW - 23		07/14/11	3498.88	-	sheen	30.13	0.00	3468.75
MW - 23		07/27/11	3498.88	-	-	30.11	0.00	3468.77
MW - 23		08/03/11	3498.88	-	-	30.31	0.00	3468.57
MW - 23		08/11/11	3498.88	-	-	30.30	0.00	3468.58
MW - 23		08/18/11	3498.88	-	-	30.20	0.00	3468.68
MW - 23		08/25/11	3498.88	-	-	30.25	0.00	3468.63
MW - 23		09/02/11	3498.88	-	-	30.40	0.00	3468.48
MW - 23		09/09/11	3498.88	-	-	30.58	0.00	3468.30
MW - 23		11/08/11	3498.88	-	-	30.60	0.00	3468.28
MW - 23		12/28/11	3498.88	-	-	30.49	0.00	3468.39
MW - 23		01/05/12	3498.88	-	-	30.53	0.00	3468.35
MW - 23		01/18/12	3498.88	-	-	30.47	0.00	3468.41
MW - 23		01/27/12	3498.88	-	-	30.48	0.00	3468.40
MW - 23		02/02/12	3498.88	-	-	30.39	0.00	3468.49
MW - 23		02/10/12	3498.88	-	-	30.46	0.00	3468.42
MW - 23		02/15/12	3498.88	-	-	30.39	0.00	3468.49
MW - 23		03/01/12	3498.88	-	-	30.33	0.00	3468.55
MW - 23		03/07/12	3498.88	-	-	30.33	0.00	3468.55
MW - 23		03/14/12	3498.88	-	-	30.35	0.00	3468.53
MW - 23		03/19/12	3498.88	-	-	30.31	0.00	3468.57
MW - 23		03/26/12	3498.88	-	-	30.29	0.00	3468.59
MW - 23		04/04/12	3498.88	-	-	30.34	0.00	3468.54
MW - 23		04/11/12	3498.88	-	-	30.33	0.00	3468.55
MW - 23		04/17/12	3498.88	-	-	30.34	0.00	3468.54
MW - 23		04/25/12	3498.88	-	-	30.27	0.00	3468.61
MW - 23		05/23/12	3498.88	-	-	30.32	0.00	3468.56
MW - 23		05/31/12	3498.88	-	-	30.38	0.00	3468.50
MW - 23		06/06/12	3498.88	-	-	30.34	0.00	3468.54
MW - 23		06/13/12	3498.88	-	-	30.45	0.00	3468.43
MW - 23		06/20/12	3498.88	-	-	30.38	0.00	3468.50
MW - 23		07/11/12	3498.88	-	-	30.56	0.00	3468.32
MW - 23		07/18/12	3498.88	-	-	30.63	0.00	3468.25
MW - 23		08/02/12	3498.88	-	-	30.71	0.00	3468.17
MW - 23		08/09/12	3498.88	-	-	30.76	0.00	3468.12
MW - 23		08/16/12	3498.88	-	-	30.88	0.00	3468.00
MW - 23		10/02/12	3498.88	-	-	31.08	0.00	3467.80
MW - 23		10/10/12	3498.88	-	-	31.01	0.00	3467.87
MW - 23		10/17/12	3498.88	-	-	30.89	0.00	3467.99
MW - 23		10/26/12	3498.88	-	-	31.02	0.00	3467.86
MW - 23		11/01/12	3498.88	-	-	30.94	0.00	3467.94
MW - 23		11/19/12	3498.88	-	-	30.91	0.00	3467.97
MW - 23		12/13/12	3498.88	-	-	30.84	0.00	3468.04
MW - 23		12/18/12	3498.88	-	-	30.74	0.00	3468.14

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 23		01/08/13	3498.88	-	-	30.73	0.00	3468.15
MW - 23		01/16/13	3498.88	-	-	30.83	0.00	3468.05
MW - 23		01/24/13	3498.88	-	-	30.82	0.00	3468.06
MW - 23		01/30/13	3498.88	-	-	30.82	0.00	3468.06
MW - 23		02/12/13	3498.88	-	-	30.73	0.00	3468.15
MW - 23		03/19/13	3498.88	-	-	-	-	-
MW - 23		05/01/13	3498.88	-	-	-	-	-
MW - 23		05/08/13	3498.88	-	-	-	-	-
MW - 23		05/15/13	3498.88	-	-	32.82	0.00	3466.06
MW - 23		08/07/13	3498.88	38.27	-	33.40	0.00	3465.48
MW - 23		11/27/13	3498.88	-	-	33.55	0.00	3465.33
MW - 23	John F.	02/10/14	3498.88	-	-	35.99	0.00	3462.89
MW - 23	David	05/22/14	3498.88	38.28	-	33.48	0.00	3465.40
MW - 23	Manny	06/25/14	3498.88	-	-	33.90	0.00	3464.98
MW - 23	Manny	06/30/14	3498.88	-	-	33.87	0.00	3465.01
MW - 23	Manny	07/11/14	3498.88	-	-	33.96	0.00	3464.92
MW - 23	Manny	07/14/14	3498.88	-	-	33.98	0.00	3464.90
MW - 23	Manny	07/22/14	3498.88	-	-	34.06	0.00	3464.82
MW - 23	Manny	07/23/14	3498.88	-	-	34.06	0.00	3464.82
MW - 23	Manny	08/05/14	3498.88	-	-	34.12	0.00	3464.76
MW - 23	Manny	08/12/14	3498.88	-	-	34.19	0.00	3464.69
MW - 23	David	08/13/14	3498.88	38.23	-	34.19	0.00	3464.69
MW - 23	David	08/27/14	3498.88	-	-	34.30	0.00	3464.58
MW - 23	Manny	09/17/14	3498.88	-	-	33.58	0.00	3465.30
MW - 23	Manny	09/23/14	3498.88	-	-	33.20	0.00	3465.68
MW - 23	Manny	10/10/14	3498.88	-	-	32.63	0.00	3466.25
MW - 23	Manny	10/15/14	3498.88	-	-	32.59	0.00	3466.29
MW - 23	Chance	10/20/14	3498.88	-	-	32.58	0.00	3466.30
MW - 23		10/27/14	3498.88	-	-	32.51	0.00	3466.37
MW - 23		11/04/14	3498.88	-	-	32.65	0.00	3466.23
MW - 23	Manny	11/06/14	3498.88	38.27	-	32.62	0.00	3466.26
MW - 23	Manny	11/11/14	3498.88	-	-	32.49	0.00	3466.39
MW - 23	Chance	11/18/14	3498.88	-	-	32.47	0.00	3466.41
MW - 23	Manny	12/02/14	3498.88	-	-	32.31	0.00	3466.57
MW - 23	Manny	12/09/14	3498.88	-	-	32.31	0.00	3466.57
MW - 23	Carlos	12/17/14	3498.88	-	-	-	-	-
MW - 23	Manny	12/23/14	3498.88	-	-	32.36	0.00	3466.52
MW - 23	Manny	12/30/14	3498.88	-	-	32.38	0.00	3466.50
MW - 23	Manny	01/06/15	3498.88	-	-	32.32	0.00	3466.56
MW - 23	Carlos	01/09/15	3498.88	-	-	32.34	0.00	3466.54
MW - 23	Manny	01/13/15	3498.88	-	-	32.26	0.00	3466.62
MW - 23	Manny	01/21/15	3498.88	-	-	32.21	0.00	3466.67
MW - 23	Manny	01/26/15	3498.88	-	-	32.26	0.00	3466.62
MW - 23	Carlos	02/05/15	3498.88	-	-	32.29	0.00	3466.59
MW - 23	Carlos	02/16/15	3498.88	-	-	32.21	0.00	3466.67
MW - 23	Manny	02/17/15	3498.88	38.27	-	32.24	0.00	3466.64
MW - 23	Manny/Art	03/04/15	3498.88	-	-	32.13	0.00	3466.75
MW - 23	Manny	03/10/15	3498.88	-	-	32.13	0.00	3466.75
MW - 23	Manny	03/16/15	3498.88	-	-	32.09	0.00	3466.79
MW - 23	Matt	03/23/15	3498.88	-	-	32.00	0.00	3466.88
MW - 23	Manny	03/31/15	3498.88	-	-	32.01	0.00	3466.87
MW - 23	Manny	04/03/15	3498.88	-	-	32.15	0.00	3466.73
MW - 23	Carlos/Matt	04/06/15	3498.88	-	-	32.04	0.00	3466.84
MW - 23	Manny/Art	04/16/15	3498.88	-	-	31.95	0.00	3466.93
MW - 23	Manny	04/22/15	3498.88	-	-	31.87	0.00	3467.01
MW - 23	Arthur	05/01/15	3498.88	Dry	-	-	-	-
MW - 23	Matt	05/11/15	3498.88	-	-	30.85	0.00	3468.03
MW - 23	Manny	05/14/15	3498.88	38.27	-	31.77	0.00	3467.11
MW - 23	Arthur	05/29/15	3498.88	Dry	-	-	-	-
MW - 23	Manny	06/04/15	3498.88	-	-	31.66	0.00	3467.22
MW - 23	Manny	06/09/15	3498.88	-	-	31.64	0.00	3467.24
MW - 23	Carlos	06/17/15	3498.88	-	-	31.71	0.00	3467.17
MW - 23	Carlos	06/23/15	3498.88	-	-	31.72	0.00	3467.16

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 23	Carlos	06/29/15	3498.88	-	-	31.69	0.00	3467.19
MW - 23	Manny/ Arthur	07/09/15	3498.88	-	-	31.84	0.00	3467.04
MW - 23	Manny	07/15/15	3498.88	-	-	31.89	0.00	3466.99
MW - 23	Carlos/Matt	07/20/15	3498.88	-	-	31.99	0.00	3466.89
MW - 23	Manny	07/30/15	3498.88	-	-	32.16	0.00	3466.72
MW - 23	Carlos	08/03/15	3498.88	-	-	32.18	0.00	3466.70
MW - 23	Manny/Arthur	08/04/15	3498.88	38.26	-	32.18	0.00	3466.70
MW - 23	Manny	08/11/15	3498.88	-	-	32.26	0.00	3466.62
MW - 23	Carlos	08/18/15	3498.88	-	-	33.25	0.00	3465.63
MW - 23	Carlos	08/26/15	3498.88	-	-	32.22	0.00	3466.66
MW - 23	Manny/Arthur	09/02/15	3498.88	-	-	32.10	0.00	3466.78
MW - 23	Carlos	10/22/15	3498.88	-	-	32.07	0.00	3466.81
MW - 23	Manny	11/17/15	3498.88	38.29	-	31.79	0.00	3467.09
MW - 23	Carlos	12/03/15	3498.88	-	-	31.87	0.00	3467.01
MW - 23	Carlos	12/09/15	3498.88	-	-	31.79	0.00	3467.09
MW - 23	Manny	01/06/16	3498.88	-	-	31.75	0.00	3467.13
MW - 23	Carlos	01/13/16	3498.88	-	-	31.74	0.00	3467.14
MW - 23	Manny	01/15/16	3498.88	-	-	31.75	0.00	3467.13
MW - 23	Carlos	01/29/16	3498.88	-	-	31.65	0.00	3467.23
MW - 23	Carlos	02/04/16	3498.88	-	-	31.60	0.00	3467.28
MW - 23	Manny	02/10/16	3498.88	38.28	-	31.71	0.00	3467.17
MW - 23	Manny	02/22/16	3498.88	38.28	-	31.60	0.00	3467.28
MW - 23	Manny	03/16/16	3498.88	-	-	31.60	0.00	3467.28
MW - 23	Manny	04/12/16	3498.88	-	-	31.45	0.00	3467.43
MW - 23	Manny	04/15/16	3498.88	-	-	31.47	0.00	3467.41
MW - 23	Manny	04/19/16	3498.88	-	-	31.47	0.00	3467.41
MW - 23	Manny	04/29/16	3498.88	-	-	31.47	0.00	3467.41
MW - 23	Carlos	05/04/16	3498.88	-	-	31.94	0.00	3466.94
MW - 23	Manny	05/13/16	3498.88	-	-	31.50	0.00	3467.38
MW - 23	Manny	05/18/16	3498.88	-	-	31.53	0.00	3467.35
MW - 23	Manny	05/25/16	3498.88	38.28	-	31.51	0.00	3467.37
MW - 23	Carlos	06/02/16	3498.88	-	-	32.20	0.00	3466.68
MW - 23	Carlos	06/06/16	3498.88	-	-	32.25	0.00	3466.63
MW - 23	Manny	06/28/16	3498.88	-	-	31.97	0.00	3466.91
MW - 23	Carlos	07/05/16	3498.88	-	-	32.04	0.00	3466.84
MW - 23	Carlos	07/14/16	3498.88	-	-	32.18	0.00	3466.70
MW - 23	Carlos	07/21/16	3498.88	-	-	32.31	0.00	3466.57
MW - 23	Carlos	07/25/16	3498.88	-	-	32.33	0.00	3466.55
MW - 23	Carlos	08/01/16	3498.88	-	-	32.42	0.00	3466.46
MW - 23	Carlos	08/09/16	3498.88	-	-	32.52	0.00	3466.36
MW - 23	Wes	08/15/16	3498.88	-	-	32.44	0.00	3466.44
MW - 23	Manny/ Wes	08/18/16	3498.88	38.26	-	32.55	0.00	3466.33
MW - 23	Carlos	08/22/16	3498.88	-	-	32.57	0.00	3466.31
MW - 23	Carlos	09/06/16	3498.88	-	-	31.84	0.00	3467.04
MW - 23	Carlos	09/12/16	3498.88	-	-	31.41	0.00	3467.47
MW - 23	Carlos	09/19/16	3498.88	-	-	31.13	0.00	3467.75
MW - 23	Wesley	09/26/16	3498.88	-	-	30.82	0.00	3468.06
MW - 23	Carlos	10/17/16	3498.88	-	-	30.50	0.00	3468.38
MW - 23	Wesley	10/25/16	3498.88	38.28	-	30.57	0.00	3468.31
MW - 23	Carlos	11/03/16	3498.88	-	-	30.73	0.00	3468.15
MW - 23	Carlos	11/08/16	3498.88	-	-	30.67	0.00	3468.21
MW - 23	Carlos	11/15/16	3498.88	-	-	30.57	0.00	3468.31
MW - 23	Manny	11/22/16	3498.88	38.28	-	30.52	0.00	3468.36
MW - 23	Carlos	12/05/16	3498.88	-	-	30.65	0.00	3468.23
MW - 23	Wesley	12/13/16	3498.88	-	-	30.65	0.00	3468.23
MW - 23	Carlos	12/22/16	3498.88	-	-	30.67	0.00	3468.21
MW - 23	Carlos	12/27/16	3498.88	-	-	30.65	0.00	3468.23
MW - 23	Carlos	01/04/17	3498.88	-	-	30.54	0.00	3468.34
MW - 23	Carlos	01/13/17	3498.88	-	-	30.73	0.00	3468.15
MW - 23	Carlos	01/17/17	3498.88	-	-	30.62	0.00	3468.26
MW - 23	Carlos	01/24/17	3498.88	-	-	30.52	0.00	3468.36
MW - 23	Carlos	01/31/17	3498.88	-	-	30.58	0.00	3468.30
MW - 23	Carlos	02/07/17	3498.88	-	-	30.54	0.00	3468.34

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 23	Wesley	02/16/17	3498.88	-	-	30.47	0.00	3468.41
MW - 23	Carlos	02/20/17	3498.88	-	-	30.61	0.00	3468.27
MW - 23	Carlos	03/01/17	3498.88	38.30	-	30.68	0.00	3468.20
MW - 23	Carlos	03/06/17	3498.88	-	-	30.44	0.00	3468.44
MW - 23	Carlos	03/14/17	3498.88	-	-	30.46	0.00	3468.42
MW - 23	Carlos	03/24/17	3498.88	-	-	30.47	0.00	3468.41
MW - 23	Carlos	04/04/17	3498.88	-	-	30.35	0.00	3468.53
MW - 23	Manny	04/13/17	3498.88	-	-	30.36	0.00	3468.52
MW - 23	Manny/ Jeremy	04/19/17	3498.88	-	-	30.29	0.00	3468.59
MW - 23	Jeremy	05/01/17	3498.88	-	-	30.37	0.00	3468.51
MW - 23	Jeremy	05/18/17	3498.88	38.28	-	30.42	0.00	3468.46
MW - 23	Jeremy	05/23/17	3498.88	-	-	30.57	0.00	3468.31
MW - 23	Jeremy	06/06/17	3498.88	-	-	30.70	0.00	3468.18
MW - 23	Jeremy	06/12/17	3498.88	-	-	30.73	0.00	3468.15
MW - 23	Jeremy	07/03/17	3498.88	-	-	30.96	0.00	3467.92
MW - 23	Jeremy	07/25/17	3498.88	-	-	31.18	0.00	3467.70
MW - 23	Jeremy	08/14/17	3498.88	38.29	-	30.86	0.00	3468.02
MW - 23	Jeremy	08/21/17	3498.88	-	-	30.86	0.00	3468.02
MW - 23	Jeremy	09/06/17	3498.88	-	-	30.44	0.00	3468.44
MW - 23	Jeremy	09/12/17	3498.88	-	-	30.63	0.00	3468.25
MW - 23	Jeremy	10/04/17	3498.88	-	-	30.52	0.00	3468.36
MW - 23	Jeremy	10/17/17	3498.88	-	-	30.51	0.00	3468.37
MW - 23	Jeremy	10/23/17	3498.88	-	-	30.53	0.00	3468.35
MW - 23	Jeremy	10/30/17	3498.88	-	-	30.55	0.00	3468.33
MW - 23	Manny/ Jeremy	11/15/17	3498.88	38.34	-	30.58	0.00	3468.30
MW - 23	Jeremy	12/04/17	3498.88	-	-	30.44	0.00	3468.44
MW - 23	Jeremy	12/22/17	3498.88	-	-	30.58	0.00	3468.30
MW - 23	Jeremy	12/29/17	3498.88	-	-	30.58	0.00	3468.30
MW - 23	Jeremy	01/02/18	3498.88	-	-	30.59	0.00	3468.29
MW - 23	Jeremy	01/17/18	3498.88	-	-	30.56	0.00	3468.32
MW - 23	Jeremy	01/23/18	3498.88	-	-	30.59	0.00	3468.29
MW - 23	Jeremy	01/29/18	3498.88	-	-	30.67	0.00	3468.21
MW - 23	Jeremy	02/05/18	3498.88	-	-	30.42	0.00	3468.46
MW - 23	Jeremy	02/14/18	3498.88	-	-	30.52	0.00	3468.36
MW - 23	Jeremy	02/19/18	3498.88	38.27	-	29.41	0.00	3469.47
MW - 23	Jeremy	03/28/18	3498.88	-	-	30.57	0.00	3468.31
MW - 23	Jeremy	04/05/18	3498.88	-	-	30.49	0.00	3468.39
MW - 23	Jeremy	04/27/18	3498.88	-	-	30.62	0.00	3468.26
MW - 23	Jeremy	05/16/18	3498.88	-	-	30.71	0.00	3468.17
MW - 23	Jeremy	06/15/18	3498.88	-	-	31.06	0.00	3467.82
MW - 23	Jeremy	06/19/18	3498.88	-	-	31.12	0.00	3467.76
MW - 23	Jeremy	06/29/18	3498.88	-	-	31.24	0.00	3467.64
MW - 23	Jeremy	07/16/18	3498.88	-	-	31.45	0.00	3467.43
MW - 23	Jeremy	08/14/18	3498.88	-	-	31.69	0.00	3467.19
MW - 23	Jeremy	09/05/18	3498.88	-	-	31.88	0.00	3467.00
MW - 23	Jeremy	09/10/18	3498.88	-	-	31.64	0.00	3467.24
MW - 23	Jeremy	10/08/18	3498.88	-	-	31.52	0.00	3467.36
MW - 23	Jeremy	11/28/18	3498.88	-	-	31.11	0.00	3467.77
MW - 23	Jeremy	12/14/18	3498.88	-	-	31.21	0.00	3467.67
MW - 23	Manny/Elias	01/29/19	3498.88	-	-	31.37	0.00	3467.51
MW - 23	Manny/Elias	03/04/19	3498.88	38.27	-	31.11	0.00	3467.77
MW - 23	Manny/Elias	03/27/19	3498.88	-	-	30.89	0.00	3467.99
MW - 23	Jeremy	03/29/19	3498.88	-	-	30.86	0.00	3468.02
MW - 23	Jeremy	04/02/19	3498.88	-	-	30.85	0.00	3468.03
MW - 23	Jeremy	04/18/19	3498.88	-	-	30.90	0.00	3467.98
MW - 23	Jeremy	04/25/19	3498.88	-	-	30.82	0.00	3468.06
MW - 23	Elias	05/02/19	3498.88	-	-	30.86	0.00	3468.02
MW - 23	Manny/Elias	05/14/19	3498.88	38.28	-	30.88	0.00	3468.00
MW - 23	Manny/Elias	05/20/19	3498.88	-	-	30.84	0.00	3468.04
MW - 23	Manny/Elias	06/06/19	3498.88	-	-	31.10	0.00	3467.78
MW - 23	Manny/Elias	07/17/19	3498.88	-	-	31.44	0.00	3467.44
MW - 23	Elias	09/10/19	3498.88	38.29	-	31.87	0.00	3467.01
MW - 23	Elias	10/16/19	3498.88	-	-	31.49	0.00	3467.39

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 23	Elias	12/04/19	3498.88	38.29	-	31.16	0.00	3467.72
MW - 23	Elias	12/30/19	3498.88	-	-	31.18	0.00	3467.70
MW - 23	Elias	01/14/20	3498.88	-	-	31.16	0.00	3467.72
MW - 23	Elias	02/12/20	3498.88	38.28	-	31.11	0.00	3467.77
MW - 23	Elias	05/15/20	3498.88	-	-	30.69	0.00	3468.19
MW - 23	Manny	06/25/20	3498.88	38.29	-	31.33	0.00	3467.55
MW - 23	Manny	07/28/20	3498.88	-	-	31.70	0.00	3467.18
MW - 23	Manny	08/19/20	3498.88	38.28	-	31.82	0.00	3467.06
MW - 23	Manny	09/11/20	3498.88	-	-	31.97	0.00	3466.91
MW - 23	Manny	10/30/20	3498.88	-	-	32.16	0.00	3466.72
MW - 23	Manny	11/10/20	3498.88	38.28	-	32.07	0.00	3466.81
MW - 23	Manny	12/30/20	3498.88	-	-	32.19	0.00	3466.69
MW - 23	Manny	01/21/21	3498.88	-	-	32.13	0.00	3466.75
MW - 23	Manny	03/17/21	3498.88	38.28	-	32.22	0.00	3466.66
MW - 23	Manny	05/27/21	3498.88	38.28	-	32.18	0.00	3466.70
MW - 23	Manny	07/26/21	3498.88	-	-	32.26	0.00	3466.62
MW - 23	Manny	09/29/21	3498.88	38.28	-	32.53	0.00	3466.35
MW - 23	Manny	10/13/21	3498.88	-	-	32.48	0.00	3466.40
MW - 23	Manny	12/01/21	3498.88	38.28	-	32.49	0.00	3466.39
MW - 23	Manny	01/13/22	3498.88	-	-	32.49	0.00	3466.39
MW - 23	Manny	03/04/22	3498.88	38.27	-	32.54	0.00	3466.34
MW - 23	Manny	04/28/22	3498.88	-	-	32.60	0.00	3466.28
MW - 23	Manny	06/02/22	3498.88	38.28	-	32.96	0.00	3465.92
MW - 23	Manny	08/24/22	3498.88	38.28	-	33.66	0.00	3465.22
MW - 23	Manny	10/19/22	3498.88	38.28	-	33.41	0.00	3465.47
MW - 23	Manny	03/08/23	3498.88	38.23	-	32.87	0.00	3466.01
MW - 23	Manny	05/02/23	3498.88	38.29	-	32.78	0.00	3466.10
MW - 23	Manny	08/31/23	3498.88	38.30	-	33.86	0.00	3465.02
MW - 23	Manny	11/29/23	3498.88	38.30	-	33.28	0.00	3465.60
MW - 23	Manny	03/25/24	3498.88	38.27	-	32.97	0.00	3465.91
MW - 23	Manny	06/19/24	3498.88	-	-	33.87	0.00	3465.01
MW - 23	Manny	09/10/24	3498.88	38.27	-	34.20	0.00	3464.68
MW - 23	Manny	11/13/24	3498.88	38.27	-	34.12	0.00	3464.76
MW - 24		06/07/02	3498.79	-	-	31.45	0.00	3467.34
MW - 24		09/27/02	3498.79	-	-	31.54	0.00	3467.25
MW - 24		12/04/02	3498.79	-	-	31.28	0.00	3467.51
MW - 24		02/25/03	3498.79	-	-	30.93	0.00	3467.86
MW - 24		05/22/03	3498.79	-	-	31.09	0.00	3467.70
MW - 24		08/26/03	3498.79	-	-	32.25	0.00	3466.54
MW - 24		11/25/03	3498.79	-	-	32.36	0.00	3466.43
MW - 24		02/10/04	3498.79	-	-	32.43	0.00	3466.36
MW - 24		05/10/04	3498.79	-	-	30.53	0.00	3468.26
MW - 24		08/25/04	3498.79	-	-	30.41	0.00	3468.38
MW - 24		12/01/04	3498.79	-	-	29.38	0.00	3469.41
MW - 24		03/10/05	3498.79	-	-	28.66	0.00	3470.13
MW - 24		06/10/05	3498.79	-	-	27.80	0.00	3470.99
MW - 24		09/09/05	3498.79	-	-	28.28	0.00	3470.51
MW - 24		12/05/05	3498.79	-	-	28.09	0.00	3470.70
MW - 24		03/09/06	3498.79	-	-	27.92	0.00	3470.87
MW - 24		06/08/06	3498.79	-	-	28.46	0.00	3470.33
MW - 24		09/15/06	3498.79	-	-	28.22	0.00	3470.57
MW - 24		11/29/06	3498.79	-	-	27.91	0.00	3470.88
MW - 24		02/14/07	3498.79	-	-	27.96	0.00	3470.83
MW - 24		02/26/07	3498.79	-	-	27.84	0.00	3470.95
MW - 24		05/21/07	3498.79	-	-	27.34	0.00	3471.45
MW - 24		08/16/07	3498.79	-	-	28.19	0.00	3470.60
MW - 24		11/07/07	3498.79	-	-	27.86	0.00	3470.93
MW - 24		02/12/08	3498.79	-	-	28.50	0.00	3470.29
MW - 24		05/15/08	3498.79	-	-	27.99	0.00	3470.80
MW - 24		08/18/08	3498.79	-	-	29.00	0.00	3469.79
MW - 24		09/17/08	3498.79	-	-	28.74	0.00	3470.05
MW - 24		11/13/08	3498.79	-	-	28.52	0.00	3470.27

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 24		02/11/09	3498.79	-	-	28.54	0.00	3470.25
MW - 24		02/24/09	3498.79	-	-	28.54	0.00	3470.25
MW - 24		03/04/09	3498.79	-	-	28.50	0.00	3470.29
MW - 24		03/17/09	3498.79	-	-	28.56	0.00	3470.23
MW - 24		03/25/09	3498.79	-	-	28.52	0.00	3470.27
MW - 24		04/08/09	3498.79	-	-	28.54	0.00	3470.25
MW - 24		04/15/09	3498.79	-	-	28.57	0.00	3470.22
MW - 24		04/29/09	3498.79	-	-	28.54	0.00	3470.25
MW - 24		05/13/09	3498.79	-	-	28.59	0.00	3470.20
MW - 24		06/10/09	3498.79	-	-	26.61	0.00	3472.18
MW - 24		06/12/09	3498.79	-	-	24.00	0.00	3474.79
MW - 24		06/18/09	3498.79	-	-	28.61	0.00	3470.18
MW - 24		07/02/09	3498.79	-	-	29.13	0.00	3469.66
MW - 24		07/08/09	3498.79	-	-	29.18	0.00	3469.61
MW - 24		07/14/09	3498.79	-	-	29.20	0.00	3469.59
MW - 24		07/27/09	3498.79	-	-	29.22	0.00	3469.57
MW - 24		08/03/09	3498.79	-	-	29.26	0.00	3469.53
MW - 24		08/11/09	3498.79	-	-	29.32	0.00	3469.47
MW - 24		08/24/09	3498.79	-	-	36.76	0.00	3462.03
MW - 24		08/31/09	3498.79	-	-	36.78	0.00	3462.01
MW - 24		09/08/09	3498.79	-	-	29.49	0.00	3469.30
MW - 24		09/22/09	3498.79	-	-	29.52	0.00	3469.27
MW - 24		09/29/09	3498.79	-	-	29.23	0.00	3469.56
MW - 24		10/07/09	3498.79	-	-	29.57	0.00	3469.22
MW - 24		10/12/09	3498.79	-	-	29.20	0.00	3469.59
MW - 24		10/16/09	3498.79	-	-	29.53	0.00	3469.26
MW - 24		10/26/09	3498.79	-	-	29.20	0.00	3469.59
MW - 24		11/12/09	3498.79	-		29.61	0.00	3469.18
MW - 24		11/23/09	3498.79	-	-	29.64	0.00	3469.15
MW - 24		12/28/09	3498.79	-	-	29.20	0.00	3469.59
MW - 24		01/05/10	3498.79	-	-	29.66	0.00	3469.13
MW - 24		01/20/10	3498.79	-	-	29.22	0.00	3469.57
MW - 24		01/25/10	3498.79	-	-	29.24	0.00	3469.55
MW - 24		02/10/10	3498.79	-	-	29.67	0.00	3469.12
MW - 24		03/01/10	3498.79	-	-	29.27	0.00	3469.52
MW - 24		05/25/10	3498.79	-	-	29.28	0.00	3469.51
MW - 24		06/07/10	3498.79	-	-	29.50	0.00	3469.29
MW - 24		06/12/10	3498.79	-	-	29.62	0.00	3469.17
MW - 24		06/25/10	3498.79	-	-	29.57	0.00	3469.22
MW - 24		07/07/10	3498.79	-	-	29.42	0.00	3469.37
MW - 24		07/12/10	3498.79	-	-	29.02	0.00	3469.77
MW - 24		07/26/10	3498.79	-	-	-	0.00	-
MW - 24		08/03/10	3498.79	-	-	28.84	0.00	3469.95
MW - 24		08/13/10	3498.79	-	-	28.79	0.00	3470.00
MW - 24		08/19/10	3498.79	-	-	28.82	0.00	3469.97
MW - 24		08/25/10	3498.79	-	-	28.87	0.00	3469.92
MW - 24		09/01/10	3498.79	-	-	28.81	0.00	3469.98
MW - 24		09/09/10	3498.79	-	-	28.86	0.00	3469.93
MW - 24		09/29/10	3498.79	-	-	28.90	0.00	3469.89
MW - 24		11/03/10	3498.79	-	-	28.82	0.00	3469.97
MW - 24		11/10/10	3498.79	-	-	28.99	0.00	3469.80
MW - 24		11/18/10	3498.79	-	-	29.66	0.00	3469.13
MW - 24		12/09/10	3498.79	-	-	28.73	0.00	3470.06
MW - 24		02/22/11	3498.79	-	-	29.66	0.00	3469.13
MW - 24		03/01/11	3498.79	-	sheen	29.18	0.00	3469.61
MW - 24		03/07/11	3498.79	-	sheen	29.04	0.00	3469.75
MW - 24		04/27/11	3498.79	-	-	29.33	0.00	3469.46
MW - 24		05/05/11	3498.79	-	sheen	29.35	0.00	3469.44
MW - 24		05/10/11	3498.79	-	-	29.41	0.00	3469.38
MW - 24		05/17/11	3498.79	-	-	29.69	0.00	3469.10
MW - 24		05/17/11	3498.79	-	-	29.69	0.00	3469.10
MW - 24		05/24/11	3498.79	-	-	29.70	0.00	3469.09
MW - 24		06/07/11	3498.79	-	-	29.52	0.00	3469.27

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 24		06/14/11	3498.79	-	-	29.67	0.00	3469.12
MW - 24		06/23/11	3498.79	-	-	29.51	0.00	3469.28
MW - 24		06/28/11	3498.79	-	-	29.63	0.00	3469.16
MW - 24		07/06/11	3498.79	-	-	29.90	0.00	3468.89
MW - 24		07/14/11	3498.79	-	-	29.98	0.00	3468.81
MW - 24		07/27/11	3498.79	-	-	29.88	0.00	3468.91
MW - 24		08/03/11	3498.79	-	-	30.05	0.00	3468.74
MW - 24		08/11/11	3498.79	-	-	30.32	0.00	3468.47
MW - 24		08/18/11	3498.79	-	-	30.30	0.00	3468.49
MW - 24		08/25/11	3498.79	-	-	30.42	0.00	3468.37
MW - 24		09/02/11	3498.79	-	-	30.47	0.00	3468.32
MW - 24		09/09/11	3498.79	-	-	30.38	0.00	3468.41
MW - 24		11/08/11	3498.79	-	-	30.42	0.00	3468.37
MW - 24		12/28/11	3498.79	-	-	30.32	0.00	3468.47
MW - 24		01/05/12	3498.79	-	-	30.30	0.00	3468.49
MW - 24		01/18/12	3498.79	-	-	30.25	0.00	3468.54
MW - 24		01/27/12	3498.79	-	-	30.26	0.00	3468.53
MW - 24		02/02/12	3498.79	-	-	30.20	0.00	3468.59
MW - 24		02/10/12	3498.79	-	-	30.31	0.00	3468.48
MW - 24		02/15/12	3498.79	-	-	30.24	0.00	3468.55
MW - 24		03/01/12	3498.79	-	-	30.15	0.00	3468.64
MW - 24		03/07/12	3498.79	-	-	30.14	0.00	3468.65
MW - 24		03/14/12	3498.79	-	-	30.19	0.00	3468.60
MW - 24		03/19/12	3498.79	-	-	30.13	0.00	3468.66
MW - 24		03/26/12	3498.79	-	-	30.13	0.00	3468.66
MW - 24		04/04/12	3498.79	-	-	30.13	0.00	3468.66
MW - 24		04/11/12	3498.79	-	-	30.11	0.00	3468.68
MW - 24		04/17/12	3498.79	-	-	30.14	0.00	3468.65
MW - 24		04/25/12	3498.79	-	-	30.09	0.00	3468.70
MW - 24		05/23/12	3498.79	-	-	30.15	0.00	3468.64
MW - 24		05/31/12	3498.79	-	-	30.19	0.00	3468.60
MW - 24		06/06/12	3498.79	-	-	30.17	0.00	3468.62
MW - 24		06/13/12	3498.79	-	-	30.33	0.00	3468.46
MW - 24		06/20/12	3498.79	-	-	30.21	0.00	3468.58
MW - 24		07/11/12	3498.79	-	-	30.38	0.00	3468.41
MW - 24		07/18/12	3498.79	-	-	30.46	0.00	3468.33
MW - 24		08/02/12	3498.79	-	-	30.54	0.00	3468.25
MW - 24		08/09/12	3498.79	-	-	30.69	0.00	3468.10
MW - 24		08/16/12	3498.79	-	-	30.71	0.00	3468.08
MW - 24		10/02/12	3498.79	-	-	30.90	0.00	3467.89
MW - 24		10/10/12	3498.79	-	-	30.86	0.00	3467.93
MW - 24		10/17/12	3498.79	-	-	30.71	0.00	3468.08
MW - 24		10/26/12	3498.79	-	-	30.84	0.00	3467.95
MW - 24		11/01/12	3498.79	-	-	30.72	0.00	3468.07
MW - 24		11/19/12	3498.79	-	-	30.69	0.00	3468.10
MW - 24		12/13/12	3498.79	-	-	30.64	0.00	3468.15
MW - 24		12/18/12	3498.79	-	-	30.55	0.00	3468.24
MW - 24		01/08/13	3498.79	-	-	30.57	0.00	3468.22
MW - 24		01/16/13	3498.79	-	-	30.64	0.00	3468.15
MW - 24		01/24/13	3498.79	-	-	30.63	0.00	3468.16
MW - 24		01/30/13	3498.79	-	-	30.62	0.00	3468.17
MW - 24		02/12/13	3498.79	-	-	30.56	0.00	3468.23
MW - 24		03/19/13	3498.79	-	-	30.52	0.00	3468.27
MW - 24		04/02/13	3498.79	-	-	30.55	0.00	3468.24
MW - 24		04/08/13	3498.79	-	-	30.47	0.00	3468.32
MW - 24		04/16/13	3498.79	-	-	30.56	0.00	3468.23
MW - 24		04/23/13	3498.79	-	-	30.63	0.00	3468.16
MW - 24		05/01/13	3498.79	-	-	30.56	0.00	3468.23
MW - 24		05/08/13	3498.79	-	-	30.53	0.00	3468.26
MW - 24		05/15/13	3498.79	-	-	30.50	0.00	3468.29
MW - 24		05/17/13	3498.79	-	-	30.56	0.00	3468.23
MW - 24		05/23/13	3498.79	-	-	30.61	0.00	3468.18
MW - 24		05/29/13	3498.79	-	-	29.59	0.00	3469.20

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 24		06/12/13	3498.79	-	-	30.85	0.00	3467.94
MW - 24		06/19/13	3498.79	-	-	30.92	0.00	3467.87
MW - 24		06/27/13	3498.79	-	-	31.03	0.00	3467.76
MW - 24		07/02/13	3498.79	-	-	30.08	0.00	3468.71
MW - 24		07/08/13	3498.79	-	-	31.12	0.00	3467.67
MW - 24		07/15/13	3498.79	-	-	31.20	0.00	3467.59
MW - 24		07/23/13	3498.79	-	-	31.06	0.00	3467.73
MW - 24		07/29/13	3498.79	-	-	31.01	0.00	3467.78
MW - 24		08/07/13	3498.79	35.93	-	31.09	0.00	3467.70
MW - 24		08/15/13	3498.79	-	-	31.19	0.00	3467.60
MW - 24		08/20/13	3498.79	-	-	31.22	0.00	3467.57
MW - 24		08/28/13	3498.79	-	-	31.28	0.00	3467.51
MW - 24		09/05/13	3498.79	-	-	31.33	0.00	3467.46
MW - 24		09/09/13	3498.79	-	-	31.29	0.00	3467.50
MW - 24		09/18/13	3498.79	-	-	31.36	0.00	3467.43
MW - 24		09/28/13	3498.79	-	-	31.41	0.00	3467.38
MW - 24		10/01/13	3498.79	-	-	31.39	0.00	3467.40
MW - 24		10/08/13	3498.79	-	-	31.40	0.00	3467.39
MW - 24		10/14/13	3498.79	-	-	31.41	0.00	3467.38
MW - 24		10/23/13	3498.79	-	-	31.26	0.00	3467.53
MW - 24		10/29/13	3498.79	-	-	31.21	0.00	3467.58
MW - 24		11/16/13	3498.79	-	-	31.12	0.00	3467.67
MW - 24		11/27/13	3498.79	36.18	-	31.20	0.00	3467.59
MW - 24		12/02/13	3498.79	-	-	31.10	0.00	3467.69
MW - 24		12/14/13	3498.79	-	-	31.16	0.00	3467.63
MW - 24		12/19/13	3498.79	-	-	31.04	0.00	3467.75
MW - 24		12/24/13	3498.79	-	-	31.11	0.00	3467.68
MW - 24		01/02/14	3498.79	-	-	31.13	0.00	3467.66
MW - 24		01/07/14	3498.79	-	-	31.07	0.00	3467.72
MW - 24		01/14/14	3498.79	-	-	31.11	0.00	3467.68
MW - 24		01/21/14	3498.79	-	-	31.05	0.00	3467.74
MW - 24		01/31/14	3498.79	-	-	31.01	0.00	3467.78
MW - 24	John F.	02/10/14	3498.79	36.18	-	31.03	0.00	3467.76
MW - 24	John F.	02/27/14	3498.79	-	-	30.97	0.00	3467.82
MW - 24	John & Jose	03/06/14	3498.79	-	-	31.02	0.00	3467.77
MW - 24	John & Jose	03/13/14	3498.79	-	-	31.05	0.00	3467.74
MW - 24	David F.	03/25/14	3498.79	-	-	31.02	0.00	3467.77
MW - 24	Baer & Justin	04/03/14	3498.79	-	-	30.95	0.00	3467.84
MW - 24	Manny & Chanc	04/07/14	3498.79	-	-	31.01	0.00	3467.78
MW - 24	Manny & Chanc	04/14/14	3498.79	-	-	31.11	0.00	3467.68
MW - 24	Manny & Chanc	04/23/14	3498.79	-	-	30.57	0.00	3468.22
MW - 24	Jose	04/28/14	3498.79	-	-	31.02	0.00	3467.77
MW - 24	Jose	05/05/14	3498.79	-	-	31.01	0.00	3467.78
MW - 24	Manny	05/14/14	3498.79	-	-	31.11	0.00	3467.68
MW - 24	David F.	05/22/14	3498.79	36.10	-	31.15	0.00	3467.64
MW - 24	Manny	05/28/14	3498.79	-	-	31.24	0.00	3467.55
MW - 24	Manny	06/02/14	3498.79	-	-	31.30	0.00	3467.49
MW - 24	Manny	06/12/14	3498.79	-	-	31.50	0.00	3467.29
MW - 24	Manny	06/17/14	3498.79	-	-	31.53	0.00	3467.26
MW - 24	Manny	06/25/14	3498.79	-	-	31.61	0.00	3467.18
MW - 24	Manny	06/30/14	3498.79	-	-	31.98	0.00	3466.81
MW - 24	Manny	07/11/14	3498.79	-	-	31.66	0.00	3467.13
MW - 24	Manny	07/14/14	3498.79	-	-	31.69	0.00	3467.10
MW - 24	Manny	07/22/14	3498.79	-	-	31.75	0.00	3467.04
MW - 24	Manny	07/23/14	3498.79	-	-	31.75	0.00	3467.04
MW - 24	Manny	08/05/14	3498.79	-	-	31.85	0.00	3466.94
MW - 24	Manny	08/12/14	3498.79	-	-	31.91	0.00	3466.88
MW - 24	David F.	08/13/14	3498.79	36.13	-	31.90	0.00	3466.89
MW - 24	David F.	08/27/14	3498.79	-	-	31.97	0.00	3466.82
MW - 24	Manny	09/17/14	3498.79	-	-	31.14	0.00	3467.65
MW - 24	Manny	09/23/14	3498.79	-	-	30.73	0.00	3468.06
MW - 24	Manny	10/10/14	3498.79	-	-	30.20	0.00	3468.59
MW - 24	Manny	10/15/14	3498.79	-	-	30.19	0.00	3468.60

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 24	Chance	10/20/14	3498.79	-	-	30.19	0.00	3468.60
MW - 24		10/27/14	3498.79	-	-	30.16	0.00	3468.63
MW - 24	Manny	11/04/14	3498.79	-	-	30.29	0.00	3468.50
MW - 24	Manny	11/06/14	3498.79	36.16	-	30.26	0.00	3468.53
MW - 24	Manny	11/11/14	3498.79	-	-	30.10	0.00	3468.69
MW - 24	Chance	11/18/14	3498.79	-	-	29.84	0.00	3468.95
MW - 24	Manny	12/02/14	3498.79	-	-	30.01	0.00	3468.78
MW - 24	Manny	12/09/14	3498.79	-	-	30.02	0.00	3468.77
MW - 24	Carlos	12/17/14	3498.79	-	-	29.97	0.00	3468.82
MW - 24	Manny	12/23/14	3498.79	-	-	30.08	0.00	3468.71
MW - 24	Manny	12/30/14	3498.79	-	-	30.13	0.00	3468.66
MW - 24	Carlos	01/09/15	3498.79	-	-	30.08	0.00	3468.71
MW - 24	Manny	01/13/15	3498.79	-	-	30.00	0.00	3468.79
MW - 24	Manny	01/21/15	3498.79	-	-	29.95	0.00	3468.84
MW - 24	Manny	01/26/15	3498.79	-	-	30.00	0.00	3468.79
MW - 24	carlos	02/05/15	3498.79	-	-	30.03	0.00	3468.76
MW - 24	carlos	02/16/15	3498.79	-	-	29.97	0.00	3468.82
MW - 24	Manny	02/17/15	3498.79	36.15	-	30.00	0.00	3468.79
MW - 24	Manny/Art	03/04/15	3498.79	-	-	29.92	0.00	3468.87
MW - 24	Manny	03/10/15	3498.79	-	-	29.89	0.00	3468.90
MW - 24	Manny	03/16/15	3498.79	-	-	29.86	0.00	3468.93
MW - 24	Matt	03/23/15	3498.79	-	-	29.85	0.00	3468.94
MW - 24	Manny	03/31/15	3498.79	-	-	29.78	0.00	3469.01
MW - 24	Manny	04/03/15	3498.79	-	-	29.30	0.00	3469.49
MW - 24	Carlos/Matt	04/06/15	3498.79	-	-	29.78	0.00	3469.01
MW - 24	Manny/Art	04/16/15	3498.79	-	-	29.69	0.00	3469.10
MW - 24	Manny	04/22/15	3498.79	-	-	29.63	0.00	3469.16
MW - 24	Arthur	05/01/15	3498.79	-	-	29.63	0.00	3469.16
MW - 24	Matt	05/11/15	3498.79	-	-	29.57	0.00	3469.22
MW - 24	Manny	05/14/15	3498.79	36.09	-	29.49	0.00	3469.30
MW - 24	Arthur	05/29/15	3498.79	-	-	29.38	0.00	3469.41
MW - 24	Manny	06/04/15	3498.79	-	-	29.36	0.00	3469.43
MW - 24	Manny	06/09/15	3498.79	-	-	29.37	0.00	3469.42
MW - 24	Carlos	06/17/15	3498.79	-	-	29.42	0.00	3469.37
MW - 24	Carlos	06/23/15	3498.79	-	-	29.41	0.00	3469.38
MW - 24	Carlos	06/29/15	3498.79	-	-	29.40	0.00	3469.39
MW - 24	Manny/ Arthur	07/09/15	3498.79	-	-	29.57	0.00	3469.22
MW - 24	Manny	07/15/15	3498.79	-	-	29.63	0.00	3469.16
MW - 24	Carlos/Matt	07/20/15	3498.79	-	-	29.72	0.00	3469.07
MW - 24	Manny	07/30/15	3498.79	-	-	29.90	0.00	3468.89
MW - 24	Carlos	08/03/15	3498.79	-	-	29.89	0.00	3468.90
MW - 24	Manny/Arthur	08/04/15	3498.79	36.08	-	29.92	0.00	3468.87
MW - 24	Manny	08/11/15	3498.79	-	-	30.00	0.00	3468.79
MW - 24	Carlos	08/18/15	3498.79	-	-	29.97	0.00	3468.82
MW - 24	Carlos	08/26/15	3498.79	-	-	29.92	0.00	3468.87
MW - 24	Manny/Arthur	09/02/15	3498.79	-	-	29.78	0.00	3469.01
MW - 24	Carlos	10/22/15	3498.79	-	-	29.79	0.00	3469.00
MW - 24	Manny	11/17/15	3498.79	36.08	-	29.52	0.00	3469.27
MW - 24	Carlos	12/03/15	3498.79	-	-	29.60	0.00	3469.19
MW - 24	Carlos	12/09/15	3498.79	-	-	29.52	0.00	3469.27
MW - 24	Manny	01/06/16	3498.79	-	-	29.49	0.00	3469.30
MW - 24	Carlos	01/13/16	3498.79	-	-	29.49	0.00	3469.30
MW - 24	Manny	01/15/16	3498.79	-	-	29.49	0.00	3469.30
MW - 24	Carlos	01/29/16	3498.79	-	-	29.43	0.00	3469.36
MW - 24	Carlos	02/04/16	3498.79	-	-	29.38	0.00	3469.41
MW - 24	Manny	02/10/16	3498.79	36.08	-	29.48	0.00	3469.31
MW - 24	James	03/03/16	3498.79	-	-	29.47	0.00	3469.32
MW - 24	Manny	03/16/16	3498.79	-	-	29.37	0.00	3469.42
MW - 24	Manny	04/12/16	3498.79	-	-	29.28	0.00	3469.51
MW - 24	Manny	04/15/16	3498.79	-	-	29.23	0.00	3469.56
MW - 24	Manny	04/19/16	3498.79	-	-	29.22	0.00	3469.57
MW - 24	Manny	04/29/16	3498.79	-	-	29.19	0.00	3469.60
MW - 24	Carlos	05/04/16	3498.79	-	-	29.18	0.00	3469.61

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 24	Manny	05/13/16	3498.79	-	-	29.25	0.00	3469.54
MW - 24	Manny	05/18/16	3498.79	-	-	29.26	0.00	3469.53
MW - 24	Manny	05/25/16	3498.79	36.04	-	29.26	0.00	3469.53
MW - 24	Carlos	06/02/16	3498.79	-	-	29.34	0.00	3469.45
MW - 24	Carlos	06/06/16	3498.79	-	-	29.39	0.00	3469.40
MW - 24	Manny	06/28/16	3498.79	-	-	29.71	0.00	3469.08
MW - 24	Carlos	07/05/16	3498.79	-	-	29.80	0.00	3468.99
MW - 24	Carlos	07/14/16	3498.79	-	-	29.97	0.00	3468.82
MW - 24	Carlos	07/21/16	3498.79	-	-	30.05	0.00	3468.74
MW - 24	Carlos	07/25/16	3498.79	-	-	30.07	0.00	3468.72
MW - 24	Carlos	08/01/16	3498.79	-	-	30.16	0.00	3468.63
MW - 24	Carlos	08/09/16	3498.79	-	-	30.27	0.00	3468.52
MW - 24	Wes	08/15/16	3498.79	-	-	30.29	0.00	3468.50
MW - 24	Manny/ Wes	08/18/16	3498.79	36.00	-	30.29	0.00	3468.50
MW - 24	Carlos	08/22/16	3498.79	-	-	30.32	0.00	3468.47
MW - 24	Carlos	09/06/16	3498.79	-	-	28.90	0.00	3469.89
MW - 24	Carlos	09/12/16	3498.79	-	-	28.48	0.00	3470.31
MW - 24	Carlos	09/19/16	3498.79	-	-	28.56	0.00	3470.23
MW - 24	Wesley	09/26/16	3498.79	-	-	28.30	0.00	3470.49
MW - 24	Carlos	10/17/16	3498.79	-	-	28.17	0.00	3470.62
MW - 24	Wesley	10/25/16	3498.79	35.99	-	28.22	0.00	3470.57
MW - 24	Carlos	11/03/16	3498.79	-	-	28.45	0.00	3470.34
MW - 24	Carlos	11/08/16	3498.79	-	-	28.41	0.00	3470.38
MW - 24	Carlos	11/15/16	3498.79	-	-	28.33	0.00	3470.46
MW - 24	Manny	11/22/16	3498.79	35.96	-	28.28	0.00	3470.51
MW - 24	Carlos	12/05/16	3498.79	-	-	28.39	0.00	3470.40
MW - 24	Wesley	12/13/16	3498.79	-	-	28.43	0.00	3470.36
MW - 24	Carlos	12/22/16	3498.79	-	-	28.40	0.00	3470.39
MW - 24	Carlos	12/27/16	3498.79	-	-	28.44	0.00	3470.35
MW - 24	Carlos	01/04/17	3498.79	-	-	28.36	0.00	3470.43
MW - 24	Carlos	01/13/17	3498.79	-	-	28.52	0.00	3470.27
MW - 24	Carlos	01/17/17	3498.79	-	-	28.40	0.00	3470.39
MW - 24	Carlos	01/24/17	3498.79	-	-	28.31	0.00	3470.48
MW - 24	Carlos	01/31/17	3498.79	-	-	28.27	0.00	3470.52
MW - 24	Carlos	02/07/17	3498.79	-	-	28.33	0.00	3470.46
MW - 24	Wesley	02/16/17	3498.79	-	-	28.26	0.00	3470.53
MW - 24	Carlos	02/20/17	3498.79	-	-	28.40	0.00	3470.39
MW - 24	Carlos	03/01/17	3498.79	35.98	-	28.48	0.00	3470.31
MW - 24	Carlos	03/06/17	3498.79	-	-	28.37	0.00	3470.42
MW - 24	Carlos	03/14/17	3498.79	-	-	28.25	0.00	3470.54
MW - 24	Carlos	03/24/17	3498.79	-	-	28.24	0.00	3470.55
MW - 24	Carlos	04/04/17	3498.79	-	-	28.12	0.00	3470.67
MW - 24	Manny	04/13/17	3498.79	-	-	28.12	0.00	3470.67
MW - 24	Manny/ Jeremy	04/19/17	3498.79	-	-	28.06	0.00	3470.73
MW - 24	Jeremy	05/01/17	3498.79	-	-	28.12	0.00	3470.67
MW - 24	Jeremy	05/18/17	3498.79	35.86	-	28.17	0.00	3470.62
MW - 24	Jeremy	05/23/17	3498.79	-	-	28.32	0.00	3470.47
MW - 24	Jeremy	06/06/17	3498.79	-	-	28.45	0.00	3470.34
MW - 24	Jeremy	06/12/17	3498.79	-	-	28.49	0.00	3470.30
MW - 24	Jeremy	07/03/17	3498.79	-	-	28.71	0.00	3470.08
MW - 24	Jeremy	07/25/17	3498.79	-	-	28.93	0.00	3469.86
MW - 24	Jeremy	08/14/17	3498.79	35.87	-	28.56	0.00	3470.23
MW - 24	Jeremy	08/21/17	3498.79	-	-	28.55	0.00	3470.24
MW - 24	Jeremy	09/06/17	3498.79	-	-	28.09	0.00	3470.70
MW - 24	Jeremy	09/12/17	3498.79	-	-	28.32	0.00	3470.47
MW - 24	Jeremy	10/04/17	3498.79	-	-	28.59	0.00	3470.20
MW - 24	Jeremy	10/17/17	3498.79	-	-	28.21	0.00	3470.58
MW - 24	Jeremy	10/23/17	3498.79	-	-	28.23	0.00	3470.56
MW - 24	Jeremy	10/30/17	3498.79	-	-	28.27	0.00	3470.52
MW - 24	Manny/ Jeremy	11/15/17	3498.79	36.87	-	28.33	0.00	3470.46
MW - 24	Jeremy	12/04/17	3498.79	-	-	28.19	0.00	3470.60
MW - 24	Jeremy	12/22/17	3498.79	-	-	28.32	0.00	3470.47
MW - 24	Jeremy	12/29/17	3498.79	-	-	28.34	0.00	3470.45

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 24	Jeremy	01/02/18	3498.79	-	-	28.33	0.00	3470.46
MW - 24	Jeremy	01/17/18	3498.79	-	-	28.33	0.00	3470.46
MW - 24	Jeremy	01/23/18	3498.79	-	-	28.34	0.00	3470.45
MW - 24	Jeremy	01/29/18	3498.79	-	-	28.41	0.00	3470.38
MW - 24	Jeremy	02/05/18	3498.79	-	-	28.19	0.00	3470.60
MW - 24	Jeremy	02/14/18	3498.79	-	-	28.29	0.00	3470.50
MW - 24	Jeremy	02/19/18	3498.79	35.83	-	28.17	0.00	3470.62
MW - 24	Jeremy	03/28/18	3498.79	-	-	28.31	0.00	3470.48
MW - 24	Jeremy	04/05/18	3498.79	-	-	28.27	0.00	3470.52
MW - 24	Jeremy	04/27/18	3498.79	-	-	28.34	0.00	3470.45
MW - 24	Jeremy	05/16/18	3498.79	35.82	-	28.46	0.00	3470.33
MW - 24	Jeremy	06/15/18	3498.79	-	-	28.79	0.00	3470.00
MW - 24	Jeremy	06/19/18	3498.79	-	-	28.86	0.00	3469.93
MW - 24	Jeremy	06/29/18	3498.79	-	-	28.99	0.00	3469.80
MW - 24	Jeremy	07/16/18	3498.79	-	-	29.19	0.00	3469.60
MW - 24	Jeremy	08/15/18	3498.79	36.74	-	29.48	0.00	3469.31
MW - 24	Jeremy	09/05/18	3498.79	-	-	29.62	0.00	3469.17
MW - 24	Jeremy	09/10/18	3498.79	-	-	29.31	0.00	3469.48
MW - 24	Jeremy	10/08/18	3498.79	-	-	29.25	0.00	3469.54
MW - 24	Jeremy	11/21/18	3498.79	-	-	28.89	0.00	3469.90
MW - 24	Jeremy	11/29/18	3498.79	35.75	-	28.83	0.00	3469.96
MW - 24	Manny/Elias	12/07/18	3498.79	-	-	28.93	0.00	3469.86
MW - 24	Manny/Elias	12/14/18	3498.79	-	-	28.94	0.00	3469.85
MW - 24	Manny/Elias	12/20/18	3498.79	-	-	28.92	0.00	3469.87
MW - 24	Manny/Elias	12/24/18	3498.79	-	-	28.91	0.00	3469.88
MW - 24	Manny/Elias	12/28/18	3498.79	-	-	28.91	0.00	3469.88
MW - 24	Manny/Elias	01/11/19	3498.79	-	-	28.81	0.00	3469.98
MW - 24	Manny/Elias	01/23/19	3498.79	-	-	28.85	0.00	3469.94
MW - 24	Manny/Elias	01/29/19	3498.79	-	-	28.89	0.00	3469.90
MW - 24	Manny/Elias	03/05/19	3498.79	35.78	-	28.87	0.00	3469.92
MW - 24	Manny/Elias	03/27/19	3498.79	-	-	28.60	0.00	3470.19
MW - 24	Manny/Elias	03/29/19	3498.79	-	-	28.56	0.00	3470.23
MW - 24	Manny/Elias	04/02/19	3498.79	-	-	28.58	0.00	3470.21
MW - 24	Manny/Elias	04/18/19	3498.79	-	-	28.65	0.00	3470.14
MW - 24	Manny/Elias	04/25/19	3498.79	-	-	28.55	0.00	3470.24
MW - 24	Elias	05/02/19	3498.79	-	-	28.61	0.00	3470.18
MW - 24	Manny/Elias	05/14/19	3498.79	35.71	-	28.63	0.00	3470.16
MW - 24	Manny/Elias	05/20/19	3498.79	-	-	28.58	0.00	3470.21
MW - 24	Manny/Elias	06/06/19	3498.79	-	-	28.85	0.00	3469.94
MW - 24	Manny/Elias	07/17/19	3498.79	-	-	29.16	0.00	3469.63
MW - 24	Elias	09/11/19	3498.79	35.66	-	29.58	0.00	3469.21
MW - 24	Elias	10/16/19	3498.79	-	-	29.18	0.00	3469.61
MW - 24	Elias	11/12/19	3498.79	-	-	29.01	0.00	3469.78
MW - 24	Elias	12/04/19	3498.79	35.66	-	28.87	0.00	3469.92
MW - 24	Elias	12/30/19	3498.79	-	-	28.96	0.00	3469.83
MW - 24	Elias	01/14/20	3498.79	-	-	28.91	0.00	3469.88
MW - 24	Elias	02/13/20	3498.79	35.69	-	28.84	0.00	3469.95
MW - 24	Elias	05/15/20	3498.79	-	-	28.44	0.00	3470.35
MW - 24	Manny	06/25/20	3498.79	35.65	-	29.09	0.00	3469.70
MW - 24	Manny	07/28/20	3498.79	-	-	29.44	0.00	3469.35
MW - 24	Manny	08/19/20	3498.79	35.64	-	29.57	0.00	3469.22
MW - 24	Manny	09/11/20	3498.79	-	-	29.72	0.00	3469.07
MW - 24	Manny	10/30/20	3498.79	-	-	29.91	0.00	3468.88
MW - 24	Manny	11/11/20	3498.79	35.61	-	29.82	0.00	3468.97
MW - 24	Manny	12/30/20	3498.79	-	-	29.94	0.00	3468.85
MW - 24	Manny	01/21/21	3498.79	-	-	29.88	0.00	3468.91
MW - 24	Manny	03/18/21	3498.79	-	-	29.97	0.00	3468.82
MW - 24	Manny	05/28/21	3498.79	35.62	-	29.93	0.00	3468.86
MW - 24	Manny	07/26/21	3498.79	-	-	30.00	0.00	3468.79
MW - 24	Manny	07/27/21	3498.79	-	-	30.00	0.00	3468.79
MW - 24	Manny	09/29/21	3498.79	35.60	-	30.27	0.00	3468.52
MW - 24	Manny	10/13/21	3498.79	-	-	30.21	0.00	3468.58
MW - 24	Manny	10/29/21	3498.79	-	-	30.32	0.00	3468.47

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 24	Manny	12/02/21	3498.79	35.59	-	30.24	0.00	3468.55
MW - 24	Manny	01/13/22	3498.79	-	-	30.22	0.00	3468.57
MW - 24	Manny	03/03/22	3498.79	35.60	-	30.32	0.00	3468.47
MW - 24	Manny	04/28/22	3498.79	-	-	30.35	0.00	3468.44
MW - 24	Manny	06/01/22	3498.79	35.59	-	30.72	0.00	3468.07
MW - 24	Manny	08/24/22	3498.79	35.57	-	31.44	0.00	3467.35
MW - 24	Manny	10/18/22	3498.79	35.59	-	31.15	0.00	3467.64
MW - 24	Manny	03/09/23	3498.79	35.60	-	30.63	0.00	3468.16
MW - 24	Manny	05/03/23	3498.79	35.58	-	30.53	0.00	3468.26
MW - 24	Manny	08/30/23	3498.79	35.55	-	31.65	0.00	3467.14
MW - 24	Manny	11/30/23	3498.79	35.68	-	31.04	0.00	3467.75
MW - 24	Manny	03/25/24	3498.79	35.62	-	30.74	0.00	3468.05
MW - 24	Manny	06/19/24	3498.79	35.58	-	31.67	0.00	3467.12
MW - 24	Manny	09/10/24	3498.79	35.57	-	31.97	0.00	3466.82
MW - 24	Manny	11/13/24	3498.79	35.58	-	31.87	0.00	3466.92
MW - 25		06/07/02	3498.08	-	-	31.38	0.00	3466.70
MW - 25		09/27/02	3498.08	-	-	31.49	0.00	3466.59
MW - 25		12/04/02	3498.08	-	-	31.12	0.00	3466.96
MW - 25		02/25/03	3498.08	-	-	30.84	0.00	3467.24
MW - 25		05/22/03	3498.08	-	-	31.05	0.00	3467.03
MW - 25		08/26/03	3498.08	-	-	32.20	0.00	3465.88
MW - 25		11/25/03	3498.08	-	-	32.28	0.00	3465.80
MW - 25		02/10/04	3498.08	-	-	32.33	0.00	3465.75
MW - 25		05/10/04	3498.08	-	-	28.51	0.00	3469.57
MW - 25		08/25/04	3498.08	-	-	30.37	0.00	3467.71
MW - 25		12/01/04	3498.08	-	-	29.44	0.00	3468.64
MW - 25		03/10/05	3498.08	-	-	28.69	0.00	3469.39
MW - 25		06/10/05	3498.08	-	-	27.47	0.00	3470.61
MW - 25		09/09/05	3498.08	-	-	28.27	0.00	3469.81
MW - 25		12/05/05	3498.08	-	-	28.04	0.00	3470.04
MW - 25		03/09/06	3498.08	-	-	27.87	0.00	3470.21
MW - 25		06/08/06	3498.08	-	-	28.37	0.00	3469.71
MW - 25		09/15/06	3498.08	-	-	28.21	0.00	3469.87
MW - 25		11/29/06	3498.08	-	-	27.90	0.00	3470.18
MW - 25		02/14/07	3498.08	-	-	27.89	0.00	3470.19
MW - 25		02/26/07	3498.08	-	-	27.80	0.00	3470.28
MW - 25		05/21/07	3498.08	-	-	27.34	0.00	3470.74
MW - 25		08/16/07	3498.08	-	-	28.14	0.00	3469.94
MW - 25		11/07/07	3498.08	-	-	27.81	0.00	3470.27
MW - 25		02/12/08	3498.08	-	-	27.81	0.00	3470.27
MW - 25		05/15/08	3498.08	-	-	27.88	0.00	3470.20
MW - 25		08/18/08	3498.08	-	-	28.83	0.00	3469.25
MW - 25		09/17/08	3498.08	-	-	28.73	0.00	3469.35
MW - 25		11/13/08	3498.08	-	-	28.48	0.00	3469.60
MW - 25		02/11/09	3498.08	-	-	28.45	0.00	3469.63
MW - 25		02/24/09	3498.08	-	-	28.40	0.00	3469.68
MW - 25		03/04/09	3498.08	-	-	28.41	0.00	3469.67
MW - 25		03/17/09	3498.08	-	-	28.44	0.00	3469.64
MW - 25		03/25/09	3498.08	-	-	28.41	0.00	3469.67
MW - 25		04/08/09	3498.08	-	-	28.45	0.00	3469.63
MW - 25		04/15/09	3498.08	-	-	28.46	0.00	3469.62
MW - 25		04/29/09	3498.08	-	-	25.46	0.00	3472.62
MW - 25		05/13/09	3498.08	-	-	28.49	0.00	3469.59
MW - 25		06/10/09	3498.08	-	-	28.52	0.00	3469.56
MW - 25		06/18/09	3498.08	-	-	28.52	0.00	3469.56
MW - 25		07/02/09	3498.08	-	-	29.03	0.00	3469.05
MW - 25		07/08/09	3498.08	-	-	29.05	0.00	3469.03
MW - 25		07/14/09	3498.08	-	-	29.11	0.00	3468.97
MW - 25		07/20/09	3498.08	-	-	29.12	0.00	3468.96
MW - 25		07/27/09	3498.08	-	-	29.13	0.00	3468.95
MW - 25		08/03/09	3498.08	-	-	29.12	0.00	3468.96
MW - 25		08/11/09	3498.08	-	-	29.19	0.00	3468.89

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 25		08/24/09	3498.08	-	-	39.37	0.00	3458.71
MW - 25		08/31/09	3498.08	-	-	39.34	0.00	3458.74
MW - 25		09/08/09	3498.08	-	-	29.31	0.00	3468.77
MW - 25		09/22/09	3498.08	-	-	29.38	0.00	3468.70
MW - 25		09/29/09	3498.08	-	-	29.15	0.00	3468.93
MW - 25		10/07/09	3498.08	-	-	29.48	0.00	3468.60
MW - 25		10/12/09	3498.08	-	-	29.06	0.00	3469.02
MW - 25		10/16/09	3498.08	-	-	29.38	0.00	3468.70
MW - 25		10/26/09	3498.08	-	-	29.07	0.00	3469.01
MW - 25		11/12/09	3498.08	-	-	29.55	0.00	3468.53
MW - 25		11/23/09	3498.08	-	-	29.57	0.00	3468.51
MW - 25		12/28/09	3498.08	-	-	29.10	0.00	3468.98
MW - 25		01/05/10	3498.08	-	-	29.63	0.00	3468.45
MW - 25		01/20/10	3498.08	-	-	29.12	0.00	3468.96
MW - 25		01/25/10	3498.08	-	-	29.12	0.00	3468.96
MW - 25		02/10/10	3498.08	-	-	29.61	0.00	3468.47
MW - 25		03/01/10	3498.08	-	-	29.10	0.00	3468.98
MW - 25		05/25/10	3498.08	-	-	29.53	0.00	3468.55
MW - 25		06/07/10	3498.08	-	-	29.41	0.00	3468.67
MW - 25		06/12/10	3498.08	-	-	29.45	0.00	3468.63
MW - 25		06/25/10	3498.08	-	-	29.51	0.00	3468.57
MW - 25		07/07/10	3498.08	-	-	29.49	0.00	3468.59
MW - 25		07/12/10	3498.08	-	-	29.11	0.00	3468.97
MW - 25		07/26/10	3498.08	-	-	-	0.00	-
MW - 25		08/03/10	3498.08	-	-	28.88	0.00	3469.20
MW - 25		08/13/10	3498.08	-	-	28.82	0.00	3469.26
MW - 25		08/19/10	3498.08	-	-	28.82	0.00	3469.26
MW - 25		08/25/10	3498.08	-	-	28.87	0.00	3469.21
MW - 25		09/01/10	3498.08	-	-	28.81	0.00	3469.27
MW - 25		09/09/10	3498.08	-	-	28.86	0.00	3469.22
MW - 25		09/29/10	3498.08	-	-	28.90	0.00	3469.18
MW - 25		11/03/10	3498.08	-	-	28.78	0.00	3469.30
MW - 25		11/10/10	3498.08	-	-	28.99	0.00	3469.09
MW - 25		11/18/10	3498.08	-	-	29.58	0.00	3468.50
MW - 25		12/09/10	3498.08	-	-	28.76	0.00	3469.32
MW - 25		02/22/11	3498.08	-	-	29.59	0.00	3468.49
MW - 25		03/01/11	3498.08	-	sheen	29.15	0.00	3468.93
MW - 25		03/07/11	3498.08	-	sheen	29.05	0.00	3469.03
MW - 25		04/27/11	3498.08	-	-	29.27	0.00	3468.81
MW - 25		05/05/11	3498.08	-	sheen	29.32	0.00	3468.76
MW - 25		05/10/11	3498.08	-	-	29.30	0.00	3468.78
MW - 25		05/17/11	3498.08	-	-	29.62	0.00	3468.46
MW - 25		05/17/11	3498.08	-	-	29.62	0.00	3468.46
MW - 25		05/24/11	3498.08	-	-	29.61	0.00	3468.47
MW - 25		06/07/11	3498.08	-	-	29.47	0.00	3468.61
MW - 25		06/14/11	3498.08	-	-	29.58	0.00	3468.50
MW - 25		06/23/11	3498.08	-	-	29.56	0.00	3468.52
MW - 25		06/28/11	3498.08	-	-	29.64	0.00	3468.44
MW - 25		07/06/11	3498.08	-	sheen	29.94	0.00	3468.14
MW - 25		07/14/11	3498.08	-	sheen	29.95	0.00	3468.13
MW - 25		07/27/11	3498.08	-	-	29.92	0.00	3468.16
MW - 25		08/03/11	3498.08	-	-	30.12	0.00	3467.96
MW - 25		08/11/11	3498.08	-	-	30.28	0.00	3467.80
MW - 25		08/18/11	3498.08	-	-	30.27	0.00	3467.81
MW - 25		08/25/11	3498.08	-	-	30.32	0.00	3467.76
MW - 25		09/02/11	3498.08	-	-	30.43	0.00	3467.65
MW - 25		09/09/11	3498.08	-	-	30.40	0.00	3467.68
MW - 25		11/08/11	3498.08	-	-	30.37	0.00	3467.71
MW - 25		12/28/11	3498.08	-	-	30.29	0.00	3467.79
MW - 25		01/05/12	3498.08	-	-	30.31	0.00	3467.77
MW - 25		01/18/12	3498.08	-	-	30.29	0.00	3467.79
MW - 25		01/27/12	3498.08	-	-	30.25	0.00	3467.83
MW - 25		02/02/12	3498.08	-	-	30.18	0.00	3467.90

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TNM 97-18
SRS NO. TNM 97-18-KNOWN
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NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 25		02/10/12	3498.08	-	-	30.27	0.00	3467.81
MW - 25		02/15/12	3498.08	-	-	30.21	0.00	3467.87
MW - 25		03/01/12	3498.08	-	-	30.11	0.00	3467.97
MW - 25		03/07/12	3498.08	-	-	30.11	0.00	3467.97
MW - 25		03/14/12	3498.08	-	-	30.13	0.00	3467.95
MW - 25		03/19/12	3498.08	-	-	30.09	0.00	3467.99
MW - 25		03/26/12	3498.08	-	-	30.08	0.00	3468.00
MW - 25		04/04/12	3498.08	-	-	30.12	0.00	3467.96
MW - 25		04/11/12	3498.08	-	-	30.08	0.00	3468.00
MW - 25		04/17/12	3498.08	-	-	30.11	0.00	3467.97
MW - 25		04/25/12	3498.08	-	-	30.05	0.00	3468.03
MW - 25		05/23/12	3498.08	-	-	30.10	0.00	3467.98
MW - 25		05/31/12	3498.08	-	-	30.14	0.00	3467.94
MW - 25		06/06/12	3498.08	-	-	30.19	0.00	3467.89
MW - 25		06/13/12	3498.08	-	-	30.27	0.00	3467.81
MW - 25		06/20/12	3498.08	-	-	30.19	0.00	3467.89
MW - 25		07/11/12	3498.08	-	-	30.34	0.00	3467.74
MW - 25		07/18/12	3498.08	-	-	30.42	0.00	3467.66
MW - 25		08/02/12	3498.08	-	-	30.54	0.00	3467.54
MW - 25		08/09/12	3498.08	-	-	30.61	0.00	3467.47
MW - 25		08/16/12	3498.08	-	-	30.31	0.00	3467.77
MW - 25		10/02/12	3498.08	-	-	30.88	0.00	3467.20
MW - 25		10/10/12	3498.08	-	-	30.81	0.00	3467.27
MW - 25		10/17/12	3498.08	-	-	30.67	0.00	3467.41
MW - 25		10/26/12	3498.08	-	-	30.79	0.00	3467.29
MW - 25		11/01/12	3498.08	-	-	30.66	0.00	3467.42
MW - 25		11/19/12	3498.08	-	-	30.66	0.00	3467.42
MW - 25		12/13/12	3498.08	-	-	30.57	0.00	3467.51
MW - 25		12/18/12	3498.08	-	-	30.55	0.00	3467.53
MW - 25		01/08/13	3498.08	-	-	30.55	0.00	3467.53
MW - 25		01/16/13	3498.08	-	-	30.59	0.00	3467.49
MW - 25		01/24/13	3498.08	-	-	30.59	0.00	3467.49
MW - 25		01/30/13	3498.08	-	-	30.57	0.00	3467.51
MW - 25		02/12/13	3498.08	-	-	30.49	0.00	3467.59
MW - 25		03/19/13	3498.08	-	-	-	-	-
MW - 25		05/01/13	3498.08	-	-	-	-	-
MW - 25		05/08/13	3498.08	-	-	-	-	-
MW - 25		05/15/13	3498.08	-	-	35.54	0.00	3462.54
MW - 25		08/08/13	3498.08	-	-	-	-	-
MW - 25		11/27/13	3498.08	-	-	-	-	-
MW - 25		12/14/13	3498.08	-	-	-	-	-
MW - 25		12/19/13	3498.08	36.12	-	35.81	0.00	3462.27
MW - 25	John F.	02/10/14	3498.08	-	-	32.37	0.00	3465.71
MW - 25	David	05/22/14	3498.08	36.13	-	32.53	0.00	3465.55
MW - 25	Manny	06/25/14	3498.08	-	-	32.93	0.00	3465.15
MW - 25	Manny	06/30/14	3498.08	-	-	32.97	0.00	3465.11
MW - 25	Manny	07/11/14	3498.08	-	-	33.05	0.00	3465.03
MW - 25	Manny	07/14/14	3498.08	-	-	33.08	0.00	3465.00
MW - 25	Manny	07/22/14	3498.08	-	-	33.17	0.00	3464.91
MW - 25	Manny	07/23/14	3498.08	-	-	33.17	0.00	3464.91
MW - 25	Manny	08/05/14	3498.08	-	-	33.21	0.00	3464.87
MW - 25	Manny	08/12/14	3498.08	-	-	33.32	0.00	3464.76
MW - 25	David	08/13/14	3498.08	36.13	-	33.32	0.00	3464.76
MW - 25	David	08/27/14	3498.08	-	-	33.40	0.00	3464.68
MW - 25	Manny	09/17/14	3498.08	-	-	32.77	0.00	3465.31
MW - 25	Manny	09/23/14	3498.08	-	-	32.50	0.00	3465.58
MW - 25	Manny	10/10/14	3498.08	-	-	31.90	0.00	3466.18
MW - 25	Manny	10/15/14	3498.08	-	-	31.84	0.00	3466.24
MW - 25	Chance	10/20/14	3498.08	-	-	31.80	0.00	3466.28
MW - 25		10/27/14	3498.08	-	-	31.71	0.00	3466.37
MW - 25	Manny	11/04/14	3498.08	-	-	31.75	0.00	3466.33
MW - 25	Manny	11/06/14	3498.08	36.13	-	31.73	0.00	3466.35
MW - 25	Manny	11/11/14	3498.08	-	-	31.68	0.00	3466.40

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 25	Chance	11/18/14	3498.08	-	-	31.59	0.00	3466.49
MW - 25	Manny	12/02/14	3498.08	-	-	31.50	0.00	3466.58
MW - 25	Manny	12/09/14	3498.08	-	-	31.47	0.00	3466.61
MW - 25	Carlos	12/17/14	3498.08	-	-	-	-	-
MW - 25	Manny	12/23/14	3498.08	-	-	31.51	0.00	3466.57
MW - 25	Manny	12/30/14	3498.08	-	-	31.52	0.00	3466.56
MW - 25	Manny	01/06/15	3498.08	-	-	31.46	0.00	3466.62
MW - 25	Carlos	01/09/15	3498.08	-	-	31.47	0.00	3466.61
MW - 25	Manny	01/13/15	3498.08	-	-	31.40	0.00	3466.68
MW - 25	Manny	01/21/15	3498.08	-	-	31.34	0.00	3466.74
MW - 25	Manny	01/26/15	3498.08	-	-	31.38	0.00	3466.70
MW - 25	Carlos	02/05/15	3498.08	-	-	31.41	0.00	3466.67
MW - 25	Carlos	02/16/15	3498.08	-	-	31.34	0.00	3466.74
MW - 25	Manny	02/17/15	3498.08	36.12	-	31.37	0.00	3466.71
MW - 25	Manny/Art	03/04/15	3498.08	-	-	31.28	0.00	3466.80
MW - 25	Manny	03/10/15	3498.08	-	-	31.26	0.00	3466.82
MW - 25	Manny	03/16/15	3498.08	-	-	31.22	0.00	3466.86
MW - 25	Matt	03/23/15	3498.08	-	-	31.13	0.00	3466.95
MW - 25	Manny	03/31/15	3498.08	-	-	31.14	0.00	3466.94
MW - 25	Manny	04/03/15	3498.08	-	-	31.21	0.00	3466.87
MW - 25	Carlos/Matt	04/06/15	3498.08	-	-	31.13	0.00	3466.95
MW - 25	Manny/Art	04/16/15	3498.08	-	-	31.02	0.00	3467.06
MW - 25	Manny	04/22/15	3498.08	-	-	30.95	0.00	3467.13
MW - 25	Arthur	05/01/15	3498.08	DRY	-	-	0.00	-
MW - 25	Matt	05/11/15	3498.08	-	-	30.94	0.00	3467.14
MW - 25	Manny	05/14/15	3498.08	36.12	-	30.85	0.00	3467.23
MW - 25	Arthur	05/29/15	3498.08	DRY	-	-	0.00	-
MW - 25	Manny	06/04/15	3498.08	-	-	30.79	0.00	3467.29
MW - 25	Manny	06/09/15	3498.08	-	-	30.81	0.00	3467.27
MW - 25	Carlos	06/17/15	3498.08	-	-	30.83	0.00	3467.25
MW - 25	Carlos	06/23/15	3498.08	-	-	30.86	0.00	3467.22
MW - 25	Carlos	06/29/15	3498.08	-	-	30.88	0.00	3467.20
MW - 25	Manny/ Arthur	07/09/15	3498.08	-	-	31.01	0.00	3467.07
MW - 25	Manny	07/15/15	3498.08	-	-	31.08	0.00	3467.00
MW - 25	Carlos/Matt	07/20/15	3498.08	-	-	31.13	0.00	3466.95
MW - 25	Manny	07/30/15	3498.08	-	-	31.32	0.00	3466.76
MW - 25	Carlos	08/03/15	3498.08	-	-	31.30	0.00	3466.78
MW - 25	Manny/Arthur	08/04/15	3498.08	36.13	-	31.32	0.00	3466.76
MW - 25	Manny	08/11/15	3498.08	-	-	31.41	0.00	3466.67
MW - 25	Carlos	08/18/15	3498.08	-	-	31.38	0.00	3466.70
MW - 25	Carlos	08/26/15	3498.08	-	-	31.34	0.00	3466.74
MW - 25	Manny/Arthur	09/02/15	3498.08	-	-	31.25	0.00	3466.83
MW - 25	Carlos	10/22/15	3498.08	-	-	31.18	0.00	3466.90
MW - 25	Manny	11/17/15	3498.08	36.14	-	30.90	0.00	3467.18
MW - 25	Carlos	12/03/15	3498.08	-	-	30.96	0.00	3467.12
MW - 25	Carlos	12/09/15	3498.08	-	-	30.88	0.00	3467.20
MW - 25	Manny	01/06/16	3498.08	-	-	30.84	0.00	3467.24
MW - 25	Carlos	01/13/16	3498.08	-	-	30.84	0.00	3467.24
MW - 25	Manny	01/15/16	3498.08	-	-	30.84	0.00	3467.24
MW - 25	Carlos	01/29/16	3498.08	-	-	30.76	0.00	3467.32
MW - 25	Carlos	02/04/16	3498.08	-	-	30.71	0.00	3467.37
MW - 25	Manny	02/10/16	3498.08	36.14	-	30.81	0.00	3467.27
MW - 25	Manny	02/22/16	3498.08	36.14	-	30.89	0.00	3467.19
MW - 25	Manny	03/16/16	3498.08	-	-	30.70	0.00	3467.38
MW - 25	Manny	04/12/16	3498.08	-	-	30.59	0.00	3467.49
MW - 25	Manny	04/15/16	3498.08	-	-	30.56	0.00	3467.52
MW - 25	Manny	04/19/16	3498.08	-	-	30.54	0.00	3467.54
MW - 25	Manny	04/29/16	3498.08	-	-	30.54	0.00	3467.54
MW - 25	Carlos	05/04/16	3498.08	-	-	30.51	0.00	3467.57
MW - 25	Manny	05/13/16	3498.08	-	-	30.60	0.00	3467.48
MW - 25	Manny	05/18/16	3498.08	-	-	30.62	0.00	3467.46
MW - 25	Manny	05/25/16	3498.08	36.15	-	30.64	0.00	3467.44
MW - 25	Carlos	06/02/16	3498.08	-	-	30.73	0.00	3467.35

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 25	Carlos	06/06/16	3498.08	-	-	30.78	0.00	3467.30
MW - 25	Manny	06/28/16	3498.08	-	-	31.12	0.00	3466.96
MW - 25	Carlos	07/05/16	3498.08	-	-	31.21	0.00	3466.87
MW - 25	Carlos	07/14/16	3498.08	-	-	31.35	0.00	3466.73
MW - 25	Carlos	07/21/16	3498.08	-	-	31.49	0.00	3466.59
MW - 25	Carlos	07/25/16	3498.08	-	-	31.51	0.00	3466.57
MW - 25	Carlos	08/01/16	3498.08	-	-	31.59	0.00	3466.49
MW - 25	Carlos	08/09/16	3498.08	-	-	31.67	0.00	3466.41
MW - 25	Wes	08/15/16	3498.08	-	-	31.58	0.00	3466.50
MW - 25	Manny/ Wes	08/18/16	3498.08	36.12	-	31.67	0.00	3466.41
MW - 25	Carlos	08/22/16	3498.08	-	-	31.70	0.00	3466.38
MW - 25	Manny	08/25/16	3498.08	36.12	-	31.64	0.00	3466.44
MW - 25	Carlos	09/06/16	3498.08	-	-	30.96	0.00	3467.12
MW - 25	Carlos	09/12/16	3498.08	-	-	30.54	0.00	3467.54
MW - 25	Carlos	09/19/16	3498.08	-	-	30.47	0.00	3467.61
MW - 25	Wesley	09/26/16	3498.08	-	-	30.28	0.00	3467.80
MW - 25	Carlos	10/17/16	3498.08	-	-	29.90	0.00	3468.18
MW - 25	Wesley	10/25/16	3498.08	36.15	-	29.87	0.00	3468.21
MW - 25	Carlos	11/03/16	3498.08	-	-	29.95	0.00	3468.13
MW - 25	Carlos	11/08/16	3498.08	-	-	29.90	0.00	3468.18
MW - 25	Carlos	11/15/16	3498.08	-	-	29.84	0.00	3468.24
MW - 25	Manny	11/22/16	3498.08	36.04	-	29.82	0.00	3468.26
MW - 25	Carlos	12/05/16	3498.08	-	-	29.82	0.00	3468.26
MW - 25	Wesley	12/13/16	3498.08	-	-	29.83	0.00	3468.25
MW - 25	Carlos	12/22/16	3498.08	-	-	29.80	0.00	3468.28
MW - 25	Carlos	12/27/16	3498.08	-	-	29.82	0.00	3468.26
MW - 25	Carlos	01/04/17	3498.08	-	-	29.74	0.00	3468.34
MW - 25	Carlos	01/13/17	3498.08	-	-	29.86	0.00	3468.22
MW - 25	Carlos	01/17/17	3498.08	-	-	29.76	0.00	3468.32
MW - 25	Carlos	01/24/17	3498.08	-	-	29.70	0.00	3468.38
MW - 25	Carlos	01/31/17	3498.08	-	-	29.70	0.00	3468.38
MW - 25	Carlos	02/07/17	3498.08	-	-	29.71	0.00	3468.37
MW - 25	Wesley	02/16/17	3498.08	-	-	29.66	0.00	3468.42
MW - 25	Carlos	02/20/17	3498.08	-	-	29.74	0.00	3468.34
MW - 25	Carlos	03/01/17	3498.08	36.15	-	29.95	0.00	3468.13
MW - 25	Carlos	03/06/17	3498.08	-	-	29.78	0.00	3468.30
MW - 25	Carlos	03/14/17	3498.08	-	-	29.61	0.00	3468.47
MW - 25	Carlos	03/24/17	3498.08	-	-	29.60	0.00	3468.48
MW - 25	Carlos	04/04/17	3498.08	-	-	29.48	0.00	3468.60
MW - 25	Manny/ Jeremy	04/19/17	3498.08	-	-	29.41	0.00	3468.67
MW - 25	Jeremy	05/01/17	3498.08	-	-	29.44	0.00	3468.64
MW - 25	Jeremy	05/18/17	3498.08	36.14	-	29.51	0.00	3468.57
MW - 25	Jeremy	05/23/17	3498.08	-	-	29.64	0.00	3468.44
MW - 25	Jeremy	06/06/17	3498.08	-	-	29.78	0.00	3468.30
MW - 25	Jeremy	06/12/17	3498.08	-	-	29.81	0.00	3468.27
MW - 25	Jeremy	07/03/17	3498.08	-	-	30.05	0.00	3468.03
MW - 25	Jeremy	07/25/17	3498.08	-	-	30.22	0.00	3467.86
MW - 25	Jeremy	08/14/17	3498.08	37.15	-	29.99	0.00	3468.09
MW - 25	Jeremy	08/21/17	3498.08	-	-	29.98	0.00	3468.10
MW - 25	Jeremy	09/06/17	3498.08	-	-	29.81	0.00	3468.27
MW - 25	Jeremy	09/12/17	3498.08	-	-	29.89	0.00	3468.19
MW - 25	Jeremy	10/04/17	3498.08	-	-	29.92	0.00	3468.16
MW - 25	Jeremy	10/17/17	3498.08	-	-	29.67	0.00	3468.41
MW - 25	Jeremy	10/23/17	3498.08	-	-	29.64	0.00	3468.44
MW - 25	Jeremy	10/30/17	3498.08	-	-	30.64	0.00	3467.44
MW - 25	Manny/ Jeremy	11/15/17	3498.08	36.14	-	29.67	0.00	3468.41
MW - 25	Jeremy	12/04/17	3498.08	-	-	29.56	0.00	3468.52
MW - 25	Jeremy	12/22/17	3498.08	-	-	29.64	0.00	3468.44
MW - 25	Jeremy	12/29/17	3498.08	-	-	29.68	0.00	3468.40
MW - 25	Jeremy	01/02/18	3498.08	-	-	29.66	0.00	3468.42
MW - 25	Jeremy	01/17/18	3498.08	-	-	29.66	0.00	3468.42
MW - 25	Jeremy	01/23/18	3498.08	-	-	29.64	0.00	3468.44
MW - 25	Jeremy	01/29/18	3498.08	-	-	29.72	0.00	3468.36

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 25	Jeremy	02/05/18	3498.08	-	-	29.55	0.00	3468.53
MW - 25	Jeremy	02/14/18	3498.08	-	-	29.61	0.00	3468.47
MW - 25	Jeremy	02/19/18	3498.08	36.24	-	29.53	0.00	3468.55
MW - 25	Jeremy	03/28/18	3498.08	-	-	29.61	0.00	3468.47
MW - 25	Jeremy	04/05/18	3498.08	-	-	29.58	0.00	3468.50
MW - 25	Jeremy	04/27/18	3498.08	-	-	29.67	0.00	3468.41
MW - 25	Jeremy	05/16/18	3498.08	-	-	29.88	0.00	3468.20
MW - 25	Jeremy	06/15/18	3498.08	-	-	30.14	0.00	3467.94
MW - 25	Jeremy	06/19/18	3498.08	-	-	30.19	0.00	3467.89
MW - 25	Jeremy	06/29/18	3498.08	-	-	30.31	0.00	3467.77
MW - 25	Jeremy	07/16/18	3498.08	-	-	31.51	0.00	3466.57
MW - 25	Jeremy	08/14/18	3498.08	-	-	30.78	0.00	3467.30
MW - 25	Jeremy	09/05/18	3498.08	-	-	30.97	0.00	3467.11
MW - 25	Jeremy	09/10/18	3498.08	-	-	30.79	0.00	3467.29
MW - 25	Jeremy	10/08/18	3498.08	-	-	30.67	0.00	3467.41
MW - 25	Jeremy	11/29/18	3498.08	-	-	30.25	0.00	3467.83
MW - 25	Jeremy	12/14/18	3498.08	-	-	30.30	0.00	3467.78
MW - 25	Manny/Elias	03/04/19	3498.08	36.13	-	30.13	0.00	3467.95
MW - 25	Manny/Elias	01/29/19	3498.08	-	-	30.22	0.00	3467.86
MW - 25	Manny/Elias	03/27/19	3498.08	-	-	30.00	0.00	3468.08
MW - 25	Jeremy	03/29/19	3498.08	-	-	29.98	0.00	3468.10
MW - 25	Jeremy	04/02/19	3498.08	-	-	29.96	0.00	3468.12
MW - 25	Jeremy	04/18/19	3498.08	-	-	29.96	0.00	3468.12
MW - 25	Jeremy	04/25/19	3498.08	-	-	29.89	0.00	3468.19
MW - 25	Elias	05/02/19	3498.08	-	-	29.92	0.00	3468.16
MW - 25	Manny/Elias	05/14/19	3498.08	36.13	-	29.94	0.00	3468.14
MW - 25	Manny/Elias	05/20/19	3498.08	-	-	29.92	0.00	3468.16
MW - 25	Manny/Elias	06/06/19	3498.08	-	-	30.17	0.00	3467.91
MW - 25	Manny/Elias	07/17/19	3498.08	-	-	30.54	0.00	3467.54
MW - 25	Elias	09/11/19	3498.08	36.14	-	30.99	0.00	3467.09
MW - 25	Elias	10/16/19	3498.08	-	-	30.65	0.00	3467.43
MW - 25	Elias	12/04/19	3498.08	36.14	-	30.33	0.00	3467.75
MW - 25	Elias	12/25/19	3498.08	-	-	30.27	0.00	3467.81
MW - 25	Elias	12/30/19	3498.08	-	-	30.27	0.00	3467.81
MW - 25	Elias	01/14/20	3498.08	-	-	30.26	0.00	3467.82
MW - 25	Elias	02/13/20	3498.08	36.14	-	30.19	0.00	3467.89
MW - 25	Elias	05/15/20	3498.08	-	-	29.78	0.00	3468.30
MW - 25	Manny	06/25/20	3498.08	36.14	-	30.41	0.00	3467.67
MW - 25	Manny	07/28/20	3498.08	-	-	30.78	0.00	3467.30
MW - 25	Manny	08/19/20	3498.08	36.18	-	30.90	0.00	3467.18
MW - 25	Manny	09/11/20	3498.08	-	-	31.07	0.00	3467.01
MW - 25	Manny	10/30/20	3498.08	-	-	31.25	0.00	3466.83
MW - 25	Manny	11/11/20	3498.08	36.15	-	31.15	0.00	3466.93
MW - 25	Manny	12/30/20	3498.08	-	-	31.29	0.00	3466.79
MW - 25	Manny	01/21/21	3498.08	-	-	31.22	0.00	3466.86
MW - 25	Manny	03/18/21	3498.08	36.15	-	31.30	0.00	3466.78
MW - 25	Manny	05/28/21	3498.08	36.15	-	31.25	0.00	3466.83
MW - 25	Manny	07/26/21	3498.08	-	-	31.34	0.00	3466.74
MW - 25	Manny	07/27/21	3498.08	-	-	31.34	0.00	3466.74
MW - 25	Manny	09/29/21	3498.08	36.15	-	31.62	0.00	3466.46
MW - 25	Manny	10/13/21	3498.08	-	-	31.60	0.00	3466.48
MW - 25	Manny	12/01/21	3498.08	36.12	-	31.56	0.00	3466.52
MW - 25	Manny	01/13/22	3498.08	-	-	31.56	0.00	3466.52
MW - 25	Manny	03/04/22	3498.08	36.14	-	31.62	0.00	3466.46
MW - 25	Manny	04/28/22	3498.08	-	-	31.67	0.00	3466.41
MW - 25	Manny	06/02/22	3498.08	36.14	-	32.08	0.00	3466.00
MW - 25	Manny	08/24/22	3498.08	36.15	-	32.76	0.00	3465.32
MW - 25	Manny	10/17/22	3498.08	36.13	-	32.47	0.00	3465.61
MW - 25	Manny	03/08/23	3498.08	36.16	-	31.92	0.00	3466.16
MW - 25	Manny	05/02/23	3498.08	36.13	-	31.82	0.00	3466.26
MW - 25	Manny	08/31/23	3498.08	36.18	-	33.00	0.00	3465.08
MW - 25	Manny	11/29/23	3498.08	36.16	-	32.37	0.00	3465.71
MW - 25	Manny	03/25/24	3498.08	36.13	-	32.01	0.00	3466.07

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 25	Manny	06/19/24	3498.08	36.15	-	32.99	0.00	3465.09
MW - 25	Manny	09/10/24	3498.08	36.14	-	33.28	0.00	3464.80
MW - 25	Manny	11/13/24	3498.08	36.16	-	33.20	0.00	3464.88
MW - 26		06/07/02	3499.18	-	-	32.04	0.00	3467.14
MW - 26		09/27/02	3499.18	-	-	32.16	0.00	3467.02
MW - 26		12/04/02	3499.18	-	-	31.77	0.00	3467.41
MW - 26		02/25/03	3499.18	-	-	31.50	0.00	3467.68
MW - 26		05/22/03	3499.18	-	-	31.68	0.00	3467.50
MW - 26		08/26/03	3499.18	-	-	26.89	0.00	3472.29
MW - 26		11/25/03	3499.18	-	-	32.97	0.00	3466.21
MW - 26		11/25/03	3499.18	-	-	32.97	0.00	3466.21
MW - 26		05/10/04	3499.18	-	-	31.10	0.00	3468.08
MW - 26		08/25/04	3499.18	-	-	31.10	0.00	3468.08
MW - 26		12/01/04	3499.18	-	-	30.05	0.00	3469.13
MW - 26		03/10/05	3499.18	-	-	29.33	0.00	3469.85
MW - 26		06/10/05	3499.18	-	-	28.41	0.00	3470.77
MW - 26		09/09/05	3499.18	-	-	28.93	0.00	3470.25
MW - 26		12/05/05	3499.18	-	-	28.69	0.00	3470.49
MW - 26		03/09/06	3499.18	-	-	28.53	0.00	3470.65
MW - 26		06/08/06	3499.18	-	-	29.04	0.00	3470.14
MW - 26		09/15/06	3499.18	-	-	28.85	0.00	3470.33
MW - 26		11/29/06	3499.18	-	-	28.55	0.00	3470.63
MW - 26		02/14/07	3499.18	-	-	28.56	0.00	3470.62
MW - 26		02/26/07	3499.18	-	-	28.53	0.00	3470.65
MW - 26		05/21/07	3499.18	-	-	27.88	0.00	3471.30
MW - 26		08/16/07	3499.18	-	-	28.81	0.00	3470.37
MW - 26		11/07/07	3499.18	-	-	28.47	0.00	3470.71
MW - 26		02/12/08	3499.18	-	-	29.19	0.00	3469.99
MW - 26		05/15/08	3499.18	-	-	28.58	0.00	3470.60
MW - 26		08/18/08	3499.18	-	-	29.57	0.00	3469.61
MW - 26		11/13/08	3499.18	-	-	29.10	0.00	3470.08
MW - 26		02/11/09	3499.18	-	-	29.13	0.00	3470.05
MW - 26		02/24/09	3499.18	-	-	29.07	0.00	3470.11
MW - 26		03/04/09	3499.18	-	-	29.08	0.00	3470.10
MW - 26		03/17/09	3499.18	-	-	29.09	0.00	3470.09
MW - 26		03/25/09	3499.18	-	-	29.06	0.00	3470.12
MW - 26		04/08/09	3499.18	-	-	29.08	0.00	3470.10
MW - 26		04/15/09	3499.18	-	-	29.10	0.00	3470.08
MW - 26		04/29/09	3499.18	-	-	29.13	0.00	3470.05
MW - 26		05/13/09	3499.18	-	-	29.14	0.00	3470.04
MW - 26		06/10/09	3499.18	-	-	29.16	0.00	3470.02
MW - 26		06/18/09	3499.18	-	-	29.16	0.00	3470.02
MW - 26		07/02/09	3499.18	-	-	29.74	0.00	3469.44
MW - 26		07/08/09	3499.18	-	-	29.72	0.00	3469.46
MW - 26		07/14/09	3499.18	-	-	29.77	0.00	3469.41
MW - 26		07/20/09	3499.18	-	-	29.79	0.00	3469.39
MW - 26		07/27/09	3499.18	-	-	29.80	0.00	3469.38
MW - 26		08/03/09	3499.18	-	-	29.79	0.00	3469.39
MW - 26		08/11/09	3499.18	-	-	29.90	0.00	3469.28
MW - 26		09/29/09	3499.18	-	-	29.82	0.00	3469.36
MW - 26		10/12/09	3499.18	-	-	29.73	0.00	3469.45
MW - 26		10/26/09	3499.18	-	-	29.72	0.00	3469.46
MW - 26		11/12/09	3499.18	-	-	30.21	0.00	3468.97
MW - 26		11/23/09	3499.18	-	-	30.23	0.00	3468.95
MW - 26		12/28/09	3499.18	-	-	29.74	0.00	3469.44
MW - 26		01/05/10	3499.18	-	-	30.18	0.00	3469.00
MW - 26		01/20/10	3499.18	-	-	29.70	0.00	3469.48
MW - 26		01/25/10	3499.18	-	-	29.69	0.00	3469.49
MW - 26		02/10/10	3499.18	-	-	30.27	0.00	3468.91
MW - 26		03/01/10	3499.18	-	-	29.67	0.00	3469.51
MW - 26		05/25/10	3499.18	-	-	30.19	0.00	3468.99
MW - 26		06/07/10	3499.18	-	-	30.06	0.00	3469.12

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 26		06/12/10	3499.18	-	-	30.11	0.00	3469.07
MW - 26		06/25/10	3499.18	-	-	30.15	0.00	3469.03
MW - 26		07/07/10	3499.18	-	-	30.02	0.00	3469.16
MW - 26		07/12/10	3499.18	-	-	29.66	0.00	3469.52
MW - 26		07/26/10	3499.18	-	-	-	-	-
MW - 26		08/03/10	3499.18	-	-	29.47	0.00	3469.71
MW - 26		08/13/10	3499.18	-	-	29.44	0.00	3469.74
MW - 26		08/19/10	3499.18	-	-	29.44	0.00	3469.74
MW - 26		08/25/10	3499.18	-	-	29.50	0.00	3469.68
MW - 26		09/01/10	3499.18	-	-	29.43	0.00	3469.75
MW - 26		09/09/10	3499.18	-	-	29.49	0.00	3469.69
MW - 26		09/29/10	3499.18	-	-	29.49	0.00	3469.69
MW - 26		11/03/10	3499.18	-	-	29.41	0.00	3469.77
MW - 26		11/10/10	3499.18	-	-	29.64	0.00	3469.54
MW - 26		11/18/10	3499.18	-	-	30.25	0.00	3468.93
MW - 26		12/09/10	3499.18	-	-	29.44	0.00	3469.74
MW - 26		02/22/11	3499.18	-	-	30.26	0.00	3468.92
MW - 26		03/01/11	3499.18	-	sheen	29.83	0.00	3469.35
MW - 26		03/07/11	3499.18	-	sheen	29.68	0.00	3469.50
MW - 26		04/27/11	3499.18	-	-	29.92	0.00	3469.26
MW - 26		05/17/11	3499.18	-	-	30.24	0.00	3468.94
MW - 26		07/06/11	3499.18	-	sheen	30.58	0.00	3468.60
MW - 26		08/11/11	3499.18	-	-	30.90	0.00	3468.28
MW - 26		11/08/11	3499.18	-	-	31.05	0.00	3468.13
MW - 26		03/01/12	3499.18	-	-	30.80	0.00	3468.38
MW - 26		05/23/12	3499.18	-	-	30.76	0.00	3468.42
MW - 26		08/09/12	3499.18	-	-	31.22	0.00	3467.96
MW - 26		11/19/12	3499.18	-	-	31.30	0.00	3467.88
MW - 26		02/12/13	3499.18	-	-	31.15	0.00	3468.03
MW - 26		05/15/13	3499.18	-	-	31.09	0.00	3468.09
MW - 26		08/07/13	3499.18	-	-	31.68	0.00	3467.50
MW - 26		11/27/13	3499.18	39.60	-	31.80	0.00	3467.38
MW - 26	John F.	02/10/14	3499.18	-	-	31.61	0.00	3467.57
MW - 26	David	05/22/14	3499.18	39.62	-	31.75	0.00	3467.43
MW - 26	Manny	07/22/14	3499.18	-	-	32.37	0.00	3466.81
MW - 26	David	08/13/14	3499.18	-	-	30.54	0.00	3468.64
MW - 26	David	08/27/14	3499.18	-	-	33.40	0.00	3465.78
MW - 26		10/27/14	3499.18	-	-	30.82	0.00	3468.36
MW - 26	Manny	11/05/14	3499.18	39.63	-	30.86	0.00	3468.32
MW - 26	Carlos	01/09/15	3499.18	-	-	30.67	0.00	3468.51
MW - 26	Manny	02/17/15	3499.18	-	-	30.59	0.00	3468.59
MW - 26	Manny	03/31/15	3499.18	-	-	30.37	0.00	3468.81
MW - 26	Manny	05/14/15	3499.18	39.54	-	30.12	0.00	3469.06
MW - 26	Manny/ Arthur	07/09/15	3499.18	-	-	30.20	0.00	3468.98
MW - 26	Manny/ Arthur	08/04/15	3499.18	-	-	30.54	0.00	3468.64
MW - 26	Manny	11/16/15	3499.18	39.55	-	30.15	0.00	3469.03
MW - 26	Manny	01/15/16	3499.18	-	-	30.12	0.00	3469.06
MW - 26	Manny	02/10/16	3499.18	-	-	30.11	0.00	3469.07
MW - 26	James	03/03/16	3499.18	-	-	30.08	0.00	3469.10
MW - 26	Manny	04/12/16	3499.18	-	-	29.92	0.00	3469.26
MW - 26	Manny	04/15/16	3499.18	-	-	29.85	0.00	3469.33
MW - 26	Manny	04/19/16	3499.18	-	-	29.80	0.00	3469.38
MW - 26	Manny	04/29/16	3499.18	-	-	29.79	0.00	3469.39
MW - 26	Manny	05/13/16	3499.18	-	-	29.86	0.00	3469.32
MW - 26	Manny	05/18/16	3499.18	-	-	29.87	0.00	3469.31
MW - 26	Manny	05/25/16	3499.18	39.57	-	29.89	0.00	3469.29
MW - 26	Manny	06/28/16	3499.18	-	-	30.34	0.00	3468.84
MW - 26	Carlos	07/21/16	3499.18	-	-	30.69	0.00	3468.49
MW - 26	Wes	08/15/16	3499.18	-	-	30.91	0.00	3468.27
MW - 26	Manny/ Wes	08/18/16	3499.18	-	-	30.87	0.00	3468.31
MW - 26	Carlos	09/06/16	3499.18	-	-	29.97	0.00	3469.21
MW - 26	Carlos	09/12/16	3499.18	-	-	29.56	0.00	3469.62
MW - 26	Carlos	09/19/16	3499.18	-	-	29.42	0.00	3469.76

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 26	Wesley	09/26/16	3499.18	-	-	29.16	0.00	3470.02
MW - 26	Carlos	10/17/16	3499.18	-	-	28.99	0.00	3470.19
MW - 26	Wesley	10/25/16	3499.18	39.55	-	29.00	0.00	3470.18
MW - 26	Carlos	11/03/16	3499.18	-	-	29.16	0.00	3470.02
MW - 26	Carlos	11/08/16	3499.18	-	-	29.12	0.00	3470.06
MW - 26	Carlos	11/15/16	3499.18	-	-	29.05	0.00	3470.13
MW - 26	Manny	11/22/16	3499.18	39.50	-	29.04	0.00	3470.14
MW - 26	Carlos	12/05/16	3499.18	-	-	29.09	0.00	3470.09
MW - 26	Wesley	12/13/16	3499.18	-	-	29.09	0.00	3470.09
MW - 26	Carlos	12/22/16	3499.18	-	-	29.04	0.00	3470.14
MW - 26	Carlos	12/27/16	3499.18	-	-	29.07	0.00	3470.11
MW - 26	Carlos	01/04/17	3499.18	-	-	28.99	0.00	3470.19
MW - 26	Carlos	01/13/17	3499.18	-	-	29.14	0.00	3470.04
MW - 26	Carlos	01/17/17	3499.18	-	-	29.04	0.00	3470.14
MW - 26	Carlos	01/24/17	3499.18	-	-	28.96	0.00	3470.22
MW - 26	Carlos	01/31/17	3499.18	-	-	28.99	0.00	3470.19
MW - 26	Carlos	02/07/17	3499.18	-	-	28.95	0.00	3470.23
MW - 26	Wesley	02/16/17	3499.18	-	-	28.90	0.00	3470.28
MW - 26	Carlos	02/20/17	3499.18	-	-	29.03	0.00	3470.15
MW - 26	Carlos	03/01/17	3499.18	-	-	29.07	0.00	3470.11
MW - 26	Carlos	03/06/17	3499.18	-	-	28.87	0.00	3470.31
MW - 26	Carlos	03/14/17	3499.18	-	-	28.88	0.00	3470.30
MW - 26	Carlos	03/24/17	3499.18	-	-	28.86	0.00	3470.32
MW - 26	Carlos	04/04/17	3499.18	-	-	28.74	0.00	3470.44
MW - 26	Manny/ Jeremy	04/19/17	3499.18	-	-	28.66	0.00	3470.52
MW - 26	Jeremy	05/01/17	3499.18	-	-	28.73	0.00	3470.45
MW - 26	Jeremy	05/18/17	3499.18	39.44	-	28.78	0.00	3470.40
MW - 26	Jeremy	05/23/17	3499.18	-	-	28.93	0.00	3470.25
MW - 26	Jeremy	06/06/17	3499.18	-	-	29.06	0.00	3470.12
MW - 26	Jeremy	06/12/17	3499.18	-	-	29.09	0.00	3470.09
MW - 26	Jeremy	07/03/17	3499.18	-	-	29.32	0.00	3469.86
MW - 26	Jeremy	07/25/17	3499.18	-	-	29.54	0.00	3469.64
MW - 26	Jeremy	08/14/17	3499.18	39.43	-	29.19	0.00	3469.99
MW - 26	Jeremy	08/21/17	3499.18	-	-	29.18	0.00	3470.00
MW - 26	Jeremy	09/06/17	3499.18	-	-	28.73	0.00	3470.45
MW - 26	Jeremy	09/12/17	3499.18	-	-	28.96	0.00	3470.22
MW - 26	Jeremy	10/04/17	3499.18	-	-	28.82	0.00	3470.36
MW - 26	Jeremy	10/17/17	3499.18	-	-	28.85	0.00	3470.33
MW - 26	Jeremy	10/23/17	3499.18	-	-	28.86	0.00	3470.32
MW - 26	Jeremy	10/30/17	3499.18	-	-	28.91	0.00	3470.27
MW - 26	Manny/ Jeremy	11/15/17	3499.18	39.34	-	28.96	0.00	3470.22
MW - 26	Jeremy	12/04/17	3499.18	-	-	28.81	0.00	3470.37
MW - 26	Jeremy	12/22/17	3499.18	-	-	28.94	0.00	3470.24
MW - 26	Jeremy	12/26/17	3499.18	-	-	29.02	0.00	3470.16
MW - 26	Jeremy	01/02/18	3499.18	-	-	28.99	0.00	3470.19
MW - 26	Jeremy	01/17/18	3499.18	-	-	28.99	0.00	3470.19
MW - 26	Jeremy	01/23/18	3499.18	-	-	28.98	0.00	3470.20
MW - 26	Jeremy	01/29/18	3499.18	-	-	29.07	0.00	3470.11
MW - 26	Jeremy	02/05/18	3499.18	-	-	28.80	0.00	3470.38
MW - 26	Jeremy	02/14/18	3499.18	-	-	28.94	0.00	3470.24
MW - 26	Jeremy	02/19/18	3499.18	-	-	25.84	0.00	3473.34
MW - 26	Jeremy	03/28/18	3499.18	-	-	28.02	0.00	3471.16
MW - 26	Jeremy	04/05/18	3499.18	-	-	28.96	0.00	3470.22
MW - 26	Jeremy	04/27/18	3499.18	-	-	29.10	0.00	3470.08
MW - 26	Jeremy	05/16/18	3499.18	39.23	-	29.15	0.00	3470.03
MW - 26	Jeremy	06/15/18	3499.18	-	-	29.46	0.00	3469.72
MW - 26	Jeremy	06/19/18	3499.18	-	-	29.50	0.00	3469.68
MW - 26	Jeremy	06/29/18	3499.18	-	-	29.62	0.00	3469.56
MW - 26	Jeremy	07/16/18	3499.18	-	-	29.82	0.00	3469.36
MW - 26	Jeremy	08/14/18	3499.18	39.19	-	30.07	0.00	3469.11
MW - 26	Jeremy	09/05/18	3499.18	-	-	30.24	0.00	3468.94
MW - 26	Jeremy	09/10/18	3499.18	-	-	29.96	0.00	3469.22
MW - 26	Jeremy	10/08/18	3499.18	-	-	29.87	0.00	3469.31

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 26	Jeremy	11/29/18	3499.18	-	-	29.54	0.00	3469.64
MW - 26	Jeremy	12/14/18	3499.18	-	-	29.61	0.00	3469.57
MW - 26	Manny/Elias	01/29/19	3499.18	-	-	29.67	0.00	3469.51
MW - 26	Manny/Elias	03/05/19	3499.18	39.16	-	29.49	0.00	3469.69
MW - 26	Jeremy	03/29/19	3499.18	-	-	29.34	0.00	3469.84
MW - 26	Jeremy	04/18/19	3499.18	-	-	29.38	0.00	3469.80
MW - 26	Manny/Elias	05/14/19	3499.18	39.19	-	29.34	0.00	3469.84
MW - 26	Manny/Elias	06/06/19	3499.18	-	-	29.52	0.00	3469.66
MW - 26	Manny/Elias	07/17/19	3499.18	-	-	29.82	0.00	3469.36
MW - 26	Elias	09/11/19	3499.18	39.15	-	30.31	0.00	3468.87
MW - 26	Elias	10/16/19	3499.18	-	-	29.95	0.00	3469.23
MW - 26	Elias	12/04/19	3499.18	39.12	-	29.65	0.00	3469.53
MW - 26	Elias	12/30/19	3499.18	-	-	29.69	0.00	3469.49
MW - 26	Elias	01/14/20	3499.18	-	-	29.66	0.00	3469.52
MW - 26	Elias	02/13/20	3499.18	39.09	-	29.62	0.00	3469.56
MW - 26	Elias	05/15/20	3499.18	-	-	29.18	0.00	3470.00
MW - 26	Manny	06/25/20	3499.18	39.10	-	29.81	0.00	3469.37
MW - 26	Manny	07/28/20	3499.18	-	-	30.16	0.00	3469.02
MW - 26	Manny	08/19/20	3499.18	30.28	-	30.28	0.00	3468.90
MW - 26	Manny	09/11/20	3499.18	-	-	30.42	0.00	3468.76
MW - 26	Manny	10/30/20	3499.18	-	-	30.62	0.00	3468.56
MW - 26	Manny	11/11/20	3499.18	39.16	-	30.58	0.00	3468.60
MW - 26	Manny	12/30/20	3499.18	-	-	30.65	0.00	3468.53
MW - 26	Manny	01/21/21	3499.18	-	-	30.61	0.00	3468.57
MW - 26	Manny	03/18/21	3499.18	39.10	-	30.68	0.00	3468.50
MW - 26	Manny	05/27/21	3499.18	39.04	-	30.62	0.00	3468.56
MW - 26	Manny	07/26/21	3499.18	-	-	30.67	0.00	3468.51
MW - 26	Manny	07/27/21	3499.18	-	-	30.67	0.00	3468.51
MW - 26	Manny	09/29/21	3499.18	39.03	-	30.98	0.00	3468.20
MW - 26	Manny	10/13/21	3499.18	-	-	30.95	0.00	3468.23
MW - 26	Manny	10/29/21	3499.18	-	-	31.00	0.00	3468.18
MW - 26	Manny	12/01/21	3499.18	39.06	-	30.86	0.00	3468.32
MW - 26	Manny	01/13/22	3499.18	-	-	30.96	0.00	3468.22
MW - 26	Manny	03/04/22	3499.18	39.02	-	31.00	0.00	3468.18
MW - 26	Manny	04/28/22	3499.18	-	-	31.04	0.00	3468.14
MW - 26	Manny	06/02/22	3499.18	39.01	-	31.42	0.00	3467.76
MW - 26	Manny	08/24/22	3499.18	39.01	-	32.11	0.00	3467.07
MW - 26	Manny	10/17/22	3499.18	39.03	-	31.79	0.00	3467.39
MW - 26	Manny	03/08/23	3499.18	30.09	-	31.36	0.00	3467.82
MW - 26	Manny	05/02/23	3499.18	38.97	-	31.23	0.00	3467.95
MW - 26	Manny	08/31/23	3499.18	39.09	-	32.32	0.00	3466.86
MW - 26	Manny	11/29/23	3499.18	39.12	-	31.72	0.00	3467.46
MW - 26	Manny	11/29/23	3499.18	39.06	-	31.39	0.00	3467.79
MW - 26		03/25/24	3499.18	39.06	-	31.39	0.00	3467.79
MW - 26	Manny	06/19/24	3499.18	39.12	-	32.30	0.00	3466.88
MW - 26	Manny	09/10/24	3499.18	39.12	-	32.55	0.00	3466.63
MW - 26	Manny	11/13/24	3499.18	38.99	-	32.44	0.00	3466.74
MW - 27		06/07/02	3498.03	-	-	31.84	0.00	3466.19
MW - 27		09/27/02	3498.03	-	-	32.03	0.00	3466.00
MW - 27		12/04/02	3498.03	-	-	31.63	0.00	3466.40
MW - 27		02/25/03	3498.03	-	-	31.38	0.00	3466.65
MW - 27		05/22/03	3498.03	-	-	31.50	0.00	3466.53
MW - 27		08/26/03	3498.03	-	-	32.67	0.00	3465.36
MW - 27		11/25/03	3498.03	-	-	32.80	0.00	3465.23
MW - 27		02/10/04	3498.03	-	-	32.80	0.00	3465.23
MW - 27		05/10/04	3498.03	-	-	31.23	0.00	3466.80
MW - 27		08/25/04	3498.03	-	-	30.97	0.00	3467.06
MW - 27		12/01/04	3498.03	-	-	30.06	0.00	3467.97
MW - 27		03/10/05	3498.03	-	-	29.28	0.00	3468.75
MW - 27		06/10/05	3498.03	-	-	28.37	0.00	3469.66
MW - 27		09/09/05	3498.03	-	-	28.82	0.00	3469.21
MW - 27		12/05/05	3498.03	-	-	28.57	0.00	3469.46

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 27		03/09/06	3498.03	-	-	28.42	0.00	3469.61
MW - 27		06/08/06	3498.03	-	-	28.84	0.00	3469.19
MW - 27		09/15/06	3498.03	-	-	28.79	0.00	3469.24
MW - 27		11/29/06	3498.03	-	-	28.54	0.00	3469.49
MW - 27		02/26/07	3498.03	-	-	28.33	0.00	3469.70
MW - 27		05/21/07	3498.03	-	-	27.92	0.00	3470.11
MW - 27		08/16/07	3498.03	-	-	28.63	0.00	3469.40
MW - 27		11/07/07	3498.03	-	-	28.34	0.00	3469.69
MW - 27		02/12/08	3498.03	-	-	28.33	0.00	3469.70
MW - 27		05/15/08	3498.03	-	-	28.39	0.00	3469.64
MW - 27		08/18/08	3498.03	-	-	29.33	0.00	3468.70
MW - 27		11/13/08	3498.03	-	-	29.02	0.00	3469.01
MW - 27		02/11/09	3498.03	-	-	28.95	0.00	3469.08
MW - 27		05/13/09	3498.03	-	-	28.98	0.00	3469.05
MW - 27		08/11/09	3498.03	-	-	29.69	0.00	3468.34
MW - 27		11/23/09	3498.03	-	-	30.04	0.00	3467.99
MW - 27		01/05/10	3498.03	-	-	29.98	0.00	3468.05
MW - 27		02/10/10	3498.03	-	-	30.07	0.00	3467.96
MW - 27		05/25/10	3498.03	-	-	30.01	0.00	3468.02
MW - 27		08/13/10	3498.03	-	-	30.02	0.00	3468.01
MW - 27		11/17/10	3498.03	-	-	30.02	0.00	3468.01
MW - 27		02/22/11	3498.03	-	-	30.02	0.00	3468.01
MW - 27		05/17/11	3498.03	-	-	30.04	0.00	3467.99
MW - 27		08/11/11	3498.03	-	-	30.70	0.00	3467.33
MW - 27		11/08/11	3498.03	-	-	30.86	0.00	3467.17
MW - 27		03/01/12	3498.03	-	-	30.57	0.00	3467.46
MW - 27		05/23/12	3498.03	-	-	30.59	0.00	3467.44
MW - 27		08/09/12	3498.03	-	-	31.09	0.00	3466.94
MW - 27		11/19/12	3498.03	-	-	31.15	0.00	3466.88
MW - 27		02/12/13	3498.03	-	-	31.00	0.00	3467.03
MW - 27		05/15/13	3498.03	-	-	33.42	0.00	3464.61
MW - 27		08/07/13	3498.03	-	-	34.04	0.00	3463.99
MW - 27		11/27/13	3498.03	36.04	-	34.15	0.00	3463.88
MW - 27	John F.	02/10/14	3498.03	-	-	33.92	0.00	3464.11
MW - 27	David	05/22/14	3498.03	36.00	-	34.06	0.00	3463.97
MW - 27	Manny	07/22/14	3498.03	-	-	33.86	0.00	3464.17
MW - 27	David	08/13/14	3498.03	-	-	33.76	0.00	3464.27
MW - 27		10/27/14	3498.03	-	-	32.38	0.00	3465.65
MW - 27	Manny	11/05/14	3498.03	36.03	-	32.35	0.00	3465.68
MW - 27	Carlos	01/09/15	3498.03	-	-	32.03	0.00	3466.00
MW - 27	Manny	02/17/15	3498.03	-	-	31.91	0.00	3466.12
MW - 27	Manny	03/31/15	3498.03	-	-	31.68	0.00	3466.35
MW - 27	Manny	05/14/15	3498.03	36.02	-	31.40	0.00	3466.63
MW - 27	Manny/Arthur	07/09/15	3498.03	-	-	31.55	0.00	3466.48
MW - 27	Manny/Arthur	08/04/15	3498.03	-	-	31.86	0.00	3466.17
MW - 27	Manny	11/16/15	3498.03	36.05	-	31.45	0.00	3466.58
MW - 27	Manny	01/15/16	3498.03	-	-	31.38	0.00	3466.65
MW - 27	Manny	02/10/16	3498.03	-	-	31.36	0.00	3466.67
MW - 27	Manny	04/15/16	3498.03	-	-	31.08	0.00	3466.95
MW - 27	Manny	05/25/16	3498.03	36.05	-	31.16	0.00	3466.87
MW - 27	Manny	06/28/16	3498.03	-	-	31.64	0.00	3466.39
MW - 27	Carlos	07/21/16	3498.03	-	-	32.01	0.00	3466.02
MW - 27	Manny/ Wes	08/18/16	3498.03	-	-	32.17	0.00	3465.86
MW - 27	Wesley	10/25/16	3498.03	36.04	-	30.60	0.00	3467.43
MW - 27	Manny	11/22/16	3498.03	36.04	-	30.47	0.00	3467.56
MW - 27	Carlos	12/27/16	3498.03	-	-	30.41	0.00	3467.62
MW - 27	Carlos	01/24/17	3498.03	-	-	30.32	0.00	3467.71
MW - 27	Carlos	02/28/17	3498.03	-	-	30.33	0.00	3467.70
MW - 27	Manny/ Jeremy	04/19/17	3498.03	-	-	29.96	0.00	3468.07
MW - 27	Jeremy	05/18/17	3498.03	36.02	-	30.01	0.00	3468.02
MW - 27	Jeremy	06/12/17	3498.03	-	-	30.01	0.00	3468.02
MW - 27	Jeremy	07/25/17	3498.03	-	-	30.67	0.00	3467.36
MW - 27	Jeremy	08/14/17	3498.03	-	-	30.55	0.00	3467.48

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 27	Jeremy	10/17/17	3498.03	-	-	30.27	0.00	3467.76
MW - 27	Manny/ Jeremy	11/15/17	3498.03	36.09	-	30.20	0.00	3467.83
MW - 27	Jeremy	12/22/17	3498.03	36.09	-	30.16	0.00	3467.87
MW - 27	Jeremy	01/17/18	3498.03	-	-	30.18	0.00	3467.85
MW - 27	Jeremy	02/19/18	3498.03	-	-	30.05	0.00	3467.98
MW - 27	Jeremy	03/28/18	3498.03	-	-	30.12	0.00	3467.91
MW - 27	Jeremy	04/27/18	3498.03	-	-	30.18	0.00	3467.85
MW - 27	Jeremy	05/16/18	3498.03	-	-	30.26	0.00	3467.77
MW - 27	Jeremy	06/29/18	3498.03	-	-	30.83	0.00	3467.20
MW - 27	Jeremy	07/16/18	3498.03	-	-	31.04	0.00	3466.99
MW - 27	Jeremy	08/14/18	3498.03	-	-	31.39	0.00	3466.64
MW - 27	Jeremy	11/28/18	3498.03	-	-	30.81	0.00	3467.22
MW - 27	Jeremy	12/14/18	3498.03	-	-	30.91	0.00	3467.12
MW - 27	Manny/Elias	01/29/19	3498.03	-	-	30.71	0.00	3467.32
MW - 27	Manny/Elias	03/04/19	3498.03	-	-	30.67	0.00	3467.36
MW - 27	Jeremy	03/29/19	3498.03	-	-	30.53	0.00	3467.50
MW - 27	Jeremy	04/18/19	3498.03	-	-	30.49	0.00	3467.54
MW - 27	Manny/Elias	05/13/19	3498.03	36.03	-	30.46	0.00	3467.57
MW - 27	Manny/Elias	06/06/19	3498.03	-	-	30.69	0.00	3467.34
MW - 27	Manny/Elias	07/17/19	3498.03	-	-	31.09	0.00	3466.94
MW - 27	Elias	09/10/19	3498.03	-	-	31.54	0.00	3466.49
MW - 27	Elias	10/16/19	3498.03	-	-	31.27	0.00	3466.76
MW - 27	Elias	12/04/19	3498.03	36.05	-	30.92	0.00	3467.11
MW - 27	Elias	12/30/19	3498.03	-	-	30.84	0.00	3467.19
MW - 27	Elias	01/14/20	3498.03	-	-	30.82	0.00	3467.21
MW - 27	Elias	02/12/20	3498.03	-	-	30.73	0.00	3467.30
MW - 27	Elias	05/15/20	3498.03	-	-	30.30	0.00	3467.73
MW - 27	Manny	06/24/20	3498.03	36.05	-	30.95	0.00	3467.08
MW - 27	Manny	07/28/20	3498.03	-	-	31.37	0.00	3466.66
MW - 27	Manny	08/18/20	3498.03	-	-	31.44	0.00	3466.59
MW - 27	Manny	09/11/20	3498.03	-	-	31.63	0.00	3466.40
MW - 27	Manny	10/30/20	3498.03	-	-	31.78	0.00	3466.25
MW - 27	Manny	11/10/20	3498.03	36.06	-	31.68	0.00	3466.35
MW - 27	Manny	12/30/20	3498.03	-	-	31.81	0.00	3466.22
MW - 27	Manny	01/21/21	3498.03	-	-	31.74	0.00	3466.29
MW - 27	Manny	03/17/21	3498.03	-	-	31.83	0.00	3466.20
MW - 27	Manny	05/27/21	3498.03	36.06	-	31.78	0.00	3466.25
MW - 27	Manny	07/26/21	3498.03	-	-	31.86	0.00	3466.17
MW - 27	Manny	09/28/21	3498.03	-	-	32.17	0.00	3465.86
MW - 27	Manny	10/13/21	3498.03	-	-	32.12	0.00	3465.91
MW - 27	Manny	12/01/21	3498.03	36.02	-	32.11	0.00	3465.92
MW - 27	Manny	01/13/22	3498.03	-	-	32.10	0.00	3465.93
MW - 27	Manny	03/03/22	3498.03	-	-	32.15	0.00	3465.88
MW - 27	Manny	04/28/22	3498.03	-	-	32.20	0.00	3465.83
MW - 27	Manny	06/02/22	3498.03	36.04	-	32.58	0.00	3465.45
MW - 27	Manny	08/23/22	3498.03	-	-	33.28	0.00	3464.75
MW - 27	Manny	10/19/22	3498.03	36.05	-	33.00	0.00	3465.03
MW - 27	Manny	03/07/23	3498.03	-	-	32.45	0.00	3465.58
MW - 27	Manny	05/02/23	3498.03	36.05	-	32.33	0.00	3465.70
MW - 27	Manny	08/29/23	3498.03	-	-	33.54	0.00	3464.49
MW - 27	Manny	11/29/23	3498.03	36.08	-	32.90	0.00	3465.13
MW - 27	Manny	03/25/24	3498.03	-	-	32.52	0.00	3465.51
MW - 27	Manny	06/19/24	3498.03	-	-	33.51	0.00	3464.52
MW - 27	Manny	09/10/24	3498.03	-	-	33.80	0.00	3464.23
MW - 27	Manny	11/13/24	3498.03	35.96	-	33.78	0.00	3464.25
MW - 28		06/07/02	3498.69	-	-	32.19	0.00	3466.50
MW - 28		09/27/02	3498.69	-	-	30.23	0.00	3468.46
MW - 28		12/04/02	3498.69	-	-	31.89	0.00	3466.80
MW - 28		02/25/03	3498.69	-	-	31.67	0.00	3467.02
MW - 28		05/22/03	3498.69	-	-	31.77	0.00	3466.92
MW - 28		08/26/03	3498.69	-	-	32.89	0.00	3465.80
MW - 28		11/25/03	3498.69	-	-	33.07	0.00	3465.62

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PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 28		02/10/04	3498.69	-	-	33.10	0.00	3465.59
MW - 28		05/10/04	3498.69	-	-	31.28	0.00	3467.41
MW - 28		08/25/04	3498.69	-	-	31.15	0.00	3467.54
MW - 28		12/01/04	3498.69	-	-	30.11	0.00	3468.58
MW - 28		03/10/05	3498.69	-	-	29.33	0.00	3469.36
MW - 28		06/10/05	3498.69	-	-	28.52	0.00	3470.17
MW - 28		09/09/05	3498.69	-	-	28.95	0.00	3469.74
MW - 28		12/05/05	3498.69	-	-	28.71	0.00	3469.98
MW - 28		03/09/06	3498.69	-	-	28.55	0.00	3470.14
MW - 28		06/08/06	3498.69	-	-	29.08	0.00	3469.61
MW - 28		09/15/06	3498.69	-	-	28.92	0.00	3469.77
MW - 28		11/29/06	3498.69	-	-	28.59	0.00	3470.10
MW - 28		02/26/07	3498.69	-	-	28.52	0.00	3470.17
MW - 28		05/21/07	3498.69	-	-	28.07	0.00	3470.62
MW - 28		06/21/07	3498.69	-	-	28.14	0.00	3470.55
MW - 28		08/16/07	3498.69	-	-	28.83	0.00	3469.86
MW - 28		11/07/07	3498.69	-	-	28.49	0.00	3470.20
MW - 28		02/12/08	3498.69	-	-	28.53	0.00	3470.16
MW - 28		05/15/08	3498.69	-	-	28.64	0.00	3470.05
MW - 28		08/18/08	3498.69	-	-	29.57	0.00	3469.12
MW - 28		11/13/08	3498.69	-	-	29.18	0.00	3469.51
MW - 28		02/11/09	3498.69	-	-	29.17	0.00	3469.52
MW - 28		05/13/09	3498.69	-	-	29.24	0.00	3469.45
MW - 28		08/11/09	3498.69	-	-	29.93	0.00	3468.76
MW - 28		11/23/09	3498.69	-	-	30.29	0.00	3468.40
MW - 28		01/05/10	3498.69	-	-	30.20	0.00	3468.49
MW - 28		02/10/10	3498.69	-	-	30.33	0.00	3468.36
MW - 28		05/25/10	3498.69	-	-	30.27	0.00	3468.42
MW - 28		08/13/10	3498.69	-	-	30.27	0.00	3468.42
MW - 28		11/17/10	3498.69	-	-	30.30	0.00	3468.39
MW - 28		02/22/11	3498.69	-	-	30.32	0.00	3468.37
MW - 28		05/17/11	3498.69	-	-	30.32	0.00	3468.37
MW - 28		08/11/11	3498.69	-	-	30.67	0.00	3468.02
MW - 28		11/08/11	3498.69	-	-	31.14	0.00	3467.55
MW - 28		03/01/12	3498.69	-	-	30.87	0.00	3467.82
MW - 28		05/23/12	3498.69	-	-	30.87	0.00	3467.82
MW - 28		08/09/12	3498.69	-	-	31.34	0.00	3467.35
MW - 28		11/19/12	3498.69	-	-	31.42	0.00	3467.27
MW - 28		02/12/13	3498.69	-	-	31.28	0.00	3467.41
MW - 28		05/15/13	3498.69	-	-	34.54	0.00	3464.15
MW - 28		08/07/13	3498.69	-	-	34.86	0.00	3463.83
MW - 28		11/27/13	3498.69	38.04	-	33.49	0.00	3465.20
MW - 28	John F.	02/10/14	3498.69	-	-	33.28	0.00	3465.41
MW - 28	David	05/22/14	3498.69	-	-	33.23	0.00	3465.46
MW - 28	Manny	07/22/14	3498.69	-	-	33.82	0.00	3464.87
MW - 28	David	08/13/14	3498.69	-	-	33.93	0.00	3464.76
MW - 28		10/27/14	3498.69	-	-	32.54	0.00	3466.15
MW - 28	Manny	11/06/14	3498.69	37.98	-	32.52	0.00	3466.17
MW - 28	Carlos	01/09/15	3498.69	-	-	32.20	0.00	3466.49
MW - 28	Manny	02/17/15	3498.69	-	-	32.10	0.00	3466.59
MW - 28	Manny	03/31/15	3498.69	-	-	31.84	0.00	3466.85
MW - 28	Manny	05/14/15	3498.69	-	-	31.62	0.00	3467.07
MW - 28	Manny/ Arthur	07/09/15	3498.69	-	-	31.73	0.00	3466.96
MW - 28	Manny/ Arthur	08/04/15	3498.69	-	-	32.03	0.00	3466.66
MW - 28	Manny	11/16/15	3498.69	38.04	-	31.62	0.00	3467.07
MW - 28	Manny	01/15/16	3498.69	-	-	31.58	0.00	3467.11
MW - 28	Manny	02/10/16	3498.69	-	-	31.55	0.00	3467.14
MW - 28	Manny	04/15/16	3498.69	-	-	31.31	0.00	3467.38
MW - 28	Manny	05/24/16	3498.69	-	-	31.37	0.00	3467.32
MW - 28	Manny	06/28/16	3498.69	-	-	31.80	0.00	3466.89
MW - 28	Carlos	07/21/16	3498.69	-	-	32.16	0.00	3466.53
MW - 28	Manny/ Wes	08/18/16	3498.69	-	-	32.37	0.00	3466.32
MW - 28	Wesley	10/25/16	3498.69	38.06	-	30.62	0.00	3468.07

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 28	Manny	11/22/16	3498.69	38.04	-	30.50	0.00	3468.19
MW - 28	Carlos	12/27/16	3498.69	-	-	30.51	0.00	3468.18
MW - 28	Carlos	01/24/17	3498.69	-	-	30.40	0.00	3468.29
MW - 28	Carlos	02/28/17	3498.69	-	-	30.48	0.00	3468.21
MW - 28	Manny/ Jeremy	04/19/17	3498.69	-	-	30.11	0.00	3468.58
MW - 28	Jeremy	05/18/17	3498.69	-	-	30.24	0.00	3468.45
MW - 28	Jeremy	06/12/17	3498.69	-	-	30.51	0.00	3468.18
MW - 28	Jeremy	07/25/17	3498.69	-	-	30.94	0.00	3467.75
MW - 28	Jeremy	08/14/17	3498.69	-	-	30.74	0.00	3467.95
MW - 28	Jeremy	10/17/17	3498.69	-	-	30.42	0.00	3468.27
MW - 28	Manny/ Jeremy	11/15/17	3498.69	38.18	-	30.39	0.00	3468.30
MW - 28	Jeremy	12/22/17	3498.69	-	-	30.38	0.00	3468.31
MW - 28	Jeremy	01/17/18	3498.69	-	-	30.36	0.00	3468.33
MW - 28	Jeremy	02/19/18	3498.69	-	-	30.23	0.00	3468.46
MW - 28	Jeremy	03/28/18	3498.69	-	-	30.32	0.00	3468.37
MW - 28	Jeremy	04/27/18	3498.69	-	-	30.39	0.00	3468.30
MW - 28	Jeremy	05/15/18	3498.69	-	-	30.50	0.00	3468.19
MW - 28	Jeremy	06/29/18	3498.69	-	-	31.01	0.00	3467.68
MW - 28	Jeremy	07/16/18	3498.69	-	-	31.20	0.00	3467.49
MW - 28	Jeremy	08/14/18	3498.69	-	-	31.55	0.00	3467.14
MW - 28	Jeremy	11/28/18	3498.69	-	-	30.99	0.00	3467.70
MW - 28	Jeremy	12/14/18	3498.69	-	-	31.04	0.00	3467.65
MW - 28	Manny/Elias	01/29/19	3498.69	-	-	30.90	0.00	3467.79
MW - 28	Manny/Elias	03/04/19	3498.69	-	-	30.84	0.00	3467.85
MW - 28	Jeremy	03/29/19	3498.69	-	-	30.72	0.00	3467.97
MW - 28	Jeremy	04/18/19	3498.69	-	-	30.72	0.00	3467.97
MW - 28	Manny/Elias	05/13/19	3498.69	-	-	30.67	0.00	3468.02
MW - 28	Manny/Elias	06/06/19	3498.69	-	-	30.88	0.00	3467.81
MW - 28	Manny/Elias	07/17/19	3498.69	-	-	31.26	0.00	3467.43
MW - 28	Elias	09/10/19	3498.69	-	-	31.71	0.00	3466.98
MW - 28	Elias	10/16/19	3498.69	-	-	31.45	0.00	3467.24
MW - 28	Elias	12/03/19	3498.69	38.06	-	31.09	0.00	3467.60
MW - 28	Elias	12/30/19	3498.69	-	-	31.01	0.00	3467.68
MW - 28	Elias	01/14/20	3498.69	-	-	31.00	0.00	3467.69
MW - 28	Elias	02/12/20	3498.69	-	-	30.92	0.00	3467.77
MW - 28	Elias	05/15/20	3498.69	-	-	30.50	0.00	3468.19
MW - 28	Manny	06/24/20	3498.69	-	-	31.10	0.00	3467.59
MW - 28	Manny	07/28/20	3498.69	-	-	31.47	0.00	3467.22
MW - 28	Manny	08/18/20	3498.69	-	-	31.60	0.00	3467.09
MW - 28	Manny	09/11/20	3498.69	-	-	31.77	0.00	3466.92
MW - 28	Manny	10/30/20	3498.69	-	-	31.95	0.00	3466.74
MW - 28	Manny	11/10/20	3498.69	38.00	-	31.87	0.00	3466.82
MW - 28	Manny	12/30/20	3498.69	-	-	32.01	0.00	3466.68
MW - 28	Manny	01/21/21	3498.69	-	-	31.95	0.00	3466.74
MW - 28	Manny	03/17/21	3498.69	-	-	32.05	0.00	3466.64
MW - 28	Manny	05/26/21	3498.69	-	-	32.00	0.00	3466.69
MW - 28	Manny	07/26/21	3498.69	-	-	32.11	0.00	3466.58
MW - 28	Manny	09/28/21	3498.69	-	-	32.36	0.00	3466.33
MW - 28	Manny	10/13/21	3498.69	-	-	32.33	0.00	3466.36
MW - 28	Manny	12/01/21	3498.69	38.02	-	32.30	0.00	3466.39
MW - 28	Manny	01/13/22	3498.69	-	-	32.29	0.00	3466.40
MW - 28	Manny	03/03/22	3498.69	-	-	32.36	0.00	3466.33
MW - 28	Manny	04/28/22	3498.69	-	-	32.40	0.00	3466.29
MW - 28	Manny	05/31/22	3498.69	-	-	32.77	0.00	3465.92
MW - 28	Manny	08/23/22	3498.69	-	-	33.46	0.00	3465.23
MW - 28	Manny	10/19/22	3498.69	38.05	-	33.24	0.00	3465.45
MW - 28	Manny	03/07/23	3498.69	-	-	32.70	0.00	3465.99
MW - 28	Manny	05/01/23	3498.69	-	-	32.67	0.00	3466.02
MW - 28	Manny	08/29/23	3498.69	-	-	33.71	0.00	3464.98
MW - 28	Manny	11/29/23	3498.69	37.63	-	32.42	0.00	3466.27
MW - 28	Manny	03/25/24	3498.69	-	-	32.06	0.00	3466.63
MW - 28	Manny	06/19/24	3498.69	-	-	33.04	0.00	3465.65
MW - 28	Manny	09/10/24	3498.69	-	-	33.46	0.00	3465.23

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 28	Manny	11/13/24	3498.69	38.29	-	33.43	0.00	3465.26
MW - 29		06/07/02	3500.79	-	-	33.81	0.00	3466.98
MW - 29		09/27/02	3500.79	-	-	33.97	0.00	3466.82
MW - 29		12/04/02	3500.79	-	-	33.51	0.00	3467.28
MW - 29		02/25/03	3500.79	-	-	33.33	0.00	3467.46
MW - 29		05/22/03	3500.79	-	-	33.49	0.00	3467.30
MW - 29		08/26/03	3500.79	-	-	34.55	0.00	3466.24
MW - 29		11/25/03	3500.79	-	-	34.70	0.00	3466.09
MW - 29		02/10/04	3500.79	-	-	34.78	0.00	3466.01
MW - 29		05/10/04	3500.79	-	-	32.81	0.00	3467.98
MW - 29		08/25/04	3500.79	-	-	32.75	0.00	3468.04
MW - 29		12/01/04	3500.79	-	-	31.62	0.00	3469.17
MW - 29		03/10/05	3500.79	-	-	30.90	0.00	3469.89
MW - 29		06/10/05	3500.79	-	-	30.15	0.00	3470.64
MW - 29		09/09/05	3500.79	-	-	30.56	0.00	3470.23
MW - 29		09/13/05	P&A	-	-	-	-	-
MW - 30		06/07/02	3498.65	-	-	32.48	0.00	3466.17
MW - 30		09/27/02	3498.65	-	-	32.62	0.00	3466.03
MW - 30		12/04/02	3498.65	-	-	32.32	0.00	3466.33
MW - 30		02/25/03	3498.65	-	-	32.01	0.00	3466.64
MW - 30		05/22/03	3498.65	-	-	32.14	0.00	3466.51
MW - 30		08/26/03	3498.65	-	-	33.25	0.00	3465.40
MW - 30		11/25/03	3498.65	-	-	33.48	0.00	3465.17
MW - 30		02/10/04	3498.65	-	-	33.46	0.00	3465.19
MW - 30		05/10/04	3498.65	-	-	31.74	0.00	3466.91
MW - 30		08/25/04	3498.65	-	-	31.53	0.00	3467.12
MW - 30		12/01/04	3498.65	-	-	30.53	0.00	3468.12
MW - 30		03/10/05	3498.65	-	-	29.80	0.00	3468.85
MW - 30		06/10/05	3498.65	-	-	28.97	0.00	3469.68
MW - 30		09/09/05	3498.65	-	-	29.35	0.00	3469.30
MW - 30		12/05/05	3498.65	-	-	29.09	0.00	3469.56
MW - 30		03/09/06	3498.65	-	-	28.97	0.00	3469.68
MW - 30		06/08/06	3498.65	-	-	29.43	0.00	3469.22
MW - 30		09/15/06	3498.65	-	-	29.36	0.00	3469.29
MW - 30		11/29/06	3498.65	-	-	29.00	0.00	3469.65
MW - 30		02/26/07	3498.65	-	-	28.96	0.00	3469.69
MW - 30		05/21/07	3498.65	-	-	28.48	0.00	3470.17
MW - 30		06/21/07	3498.65	-	-	28.51	0.00	3470.14
MW - 30		08/16/07	3498.65	-	-	29.19	0.00	3469.46
MW - 30		11/07/07	3498.65	-	-	28.88	0.00	3469.77
MW - 30		02/12/08	3498.65	-	-	28.90	0.00	3469.75
MW - 30		05/15/08	3498.65	-	-	28.99	0.00	3469.66
MW - 30		08/18/08	3498.65	-	-	29.96	0.00	3468.69
MW - 30		11/13/08	3498.65	-	-	29.59	0.00	3469.06
MW - 30		02/11/09	3498.65	-	-	29.57	0.00	3469.08
MW - 30		05/13/09	3498.65	-	-	29.62	0.00	3469.03
MW - 30		08/11/09	3498.65	-	-	30.30	0.00	3468.35
MW - 30		11/23/09	3498.65	-	-	30.68	0.00	3467.97
MW - 30		01/05/10	3498.65	-	-	30.61	0.00	3468.04
MW - 30		02/10/10	3498.65	-	-	30.72	0.00	3467.93
MW - 30		05/25/10	3498.65	-	-	30.52	0.00	3468.13
MW - 30		08/13/10	3498.65	-	-	30.50	0.00	3468.15
MW - 30		11/17/10	3498.65	-	-	30.72	0.00	3467.93
MW - 30		02/22/11	3498.65	-	-	30.73	0.00	3467.92
MW - 30		05/17/11	3498.65	-	-	30.75	0.00	3467.90
MW - 30		08/11/11	3498.65	-	-	31.12	0.00	3467.53
MW - 30		11/08/11	3498.65	-	-	31.54	0.00	3467.11
MW - 30		03/01/12	3498.65	-	-	31.27	0.00	3467.38
MW - 30		05/23/12	3498.65	-	-	31.26	0.00	3467.39
MW - 30		08/09/12	3498.65	-	-	31.75	0.00	3466.90
MW - 30		11/19/12	3498.65	-	-	31.83	0.00	3466.82

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 30		02/12/13	3498.65	-	-	31.69	0.00	3466.96
MW - 30		05/15/13	3498.65	-	-	31.73	0.00	3466.92
MW - 30		08/07/13	3498.65	-	-	32.28	0.00	3466.37
MW - 30		11/27/13	3498.65	35.53	-	32.37	0.00	3466.28
MW - 30	John F.	02/10/14	3498.65	-	-	32.15	0.00	3466.50
MW - 30	David	05/22/14	3498.65	35.51	-	32.27	0.00	3466.38
MW - 30	David	05/22/14	3498.65	-	-	32.27	0.00	3466.38
MW - 30	Manny	07/22/14	3498.65	-	-	32.84	0.00	3465.81
MW - 30	David	08/13/14	3498.65	-	-	32.97	0.00	3465.68
MW - 30		10/27/14	3498.65	-	-	31.71	0.00	3466.94
MW - 30	Manny	11/06/14	3498.65	35.56	-	31.67	0.00	3466.98
MW - 30	Carlos	01/09/15	3498.65	-	-	31.31	0.00	3467.34
MW - 30	Manny	02/17/15	3498.65	-	-	31.18	0.00	3467.47
MW - 30	Manny	03/31/15	3498.65	-	-	30.94	0.00	3467.71
MW - 30	Manny	05/14/15	3498.65	35.67	-	30.70	0.00	3467.95
MW - 30	Manny/ Arthur	07/09/15	3498.65	-	-	30.81	0.00	3467.84
MW - 30	Manny/ Arthur	08/04/15	3498.65	-	-	31.11	0.00	3467.54
MW - 30	Manny	11/16/15	3498.65	35.67	-	30.73	0.00	3467.92
MW - 30	Manny	01/15/16	3498.65	-	-	30.66	0.00	3467.99
MW - 30	Manny	02/10/16	3498.65	-	-	30.64	0.00	3468.01
MW - 30	Manny	04/15/16	3498.65	-	-	30.39	0.00	3468.26
MW - 30	Manny	05/25/16	3498.65	35.58	-	30.44	0.00	3468.21
MW - 30	Manny	06/28/16	3498.65	-	-	30.88	0.00	3467.77
MW - 30	Carlos	07/21/16	3498.65	-	-	31.23	0.00	3467.42
MW - 30	Manny/ Wes	08/18/16	3498.65	-	-	31.39	0.00	3467.26
MW - 30	Wesley	10/25/16	3498.65	35.61	-	29.77	0.00	3468.88
MW - 30	Manny	11/22/16	3498.65	35.54	-	29.65	0.00	3469.00
MW - 30	Carlos	12/27/16	3498.65	-	-	29.59	0.00	3469.06
MW - 30	Carlos	01/24/17	3498.65	-	-	29.49	0.00	3469.16
MW - 30	Carlos	02/28/17	3498.65	-	-	29.52	0.00	3469.13
MW - 30	Manny/ Jeremy	04/19/17	3498.65	-	-	29.20	0.00	3469.45
MW - 30	Jeremy	05/18/17	3498.65	35.45	-	29.26	0.00	3469.39
MW - 30	Jeremy	06/12/17	3498.65	-	-	29.54	0.00	3469.11
MW - 30	Jeremy	07/25/17	3498.65	-	-	30.01	0.00	3468.64
MW - 30	Jeremy	08/14/17	3498.65	-	-	29.84	0.00	3468.81
MW - 30	Jeremy	10/17/17	3498.65	-	-	29.54	0.00	3469.11
MW - 30	Manny/ Jeremy	11/15/17	3498.65	35.56	-	29.47	0.00	3469.18
MW - 30	Jeremy	12/22/17	3498.65	-	-	29.43	0.00	3469.22
MW - 30	Jeremy	01/17/18	3498.65	-	-	29.44	0.00	3469.21
MW - 30	Jeremy	02/19/18	3498.65	-	-	29.30	0.00	3469.35
MW - 30	Jeremy	03/28/18	3498.65	-	-	29.37	0.00	3469.28
MW - 30	Jeremy	04/27/18	3498.65	-	-	29.44	0.00	3469.21
MW - 30	Jeremy	05/16/18	3498.65	35.32	-	29.53	0.00	3469.12
MW - 30	Jeremy	06/29/18	3498.65	-	-	30.06	0.00	3468.59
MW - 30	Jeremy	07/16/18	3498.65	-	-	30.28	0.00	3468.37
MW - 30	Jeremy	08/14/18	3498.65	-	-	30.64	0.00	3468.01
MW - 30	Jeremy	11/28/18	3498.65	35.31	-	30.11	0.00	3468.54
MW - 30	Jeremy	12/14/18	3498.65	-	-	30.15	0.00	3468.50
MW - 30	Manny/Elias	01/29/19	3498.65	-	-	30.00	0.00	3468.65
MW - 30	Manny/Elias	03/04/19	3498.65	-	-	29.95	0.00	3468.70
MW - 30	Jeremy	03/29/19	3498.65	-	-	29.83	0.00	3468.82
MW - 30	Jeremy	04/18/19	3498.65	-	-	29.82	0.00	3468.83
MW - 30	Manny/Elias	05/13/19	3498.65	35.37	-	29.76	0.00	3468.89
MW - 30	Manny/Elias	06/06/19	3498.65	-	-	29.96	0.00	3468.69
MW - 30	Manny/Elias	07/17/19	3498.65	-	-	30.37	0.00	3468.28
MW - 30	Elias	09/10/19	3498.65	-	-	30.83	0.00	3467.82
MW - 30	Elias	10/16/19	3498.65	-	-	30.58	0.00	3468.07
MW - 30	Elias	12/04/19	3498.65	35.29	-	30.25	0.00	3468.40
MW - 30	Elias	12/30/19	3498.65	-	-	30.13	0.00	3468.52
MW - 30	Elias	01/14/20	3498.65	-	-	30.11	0.00	3468.54
MW - 30	Elias	02/12/20	3498.65	-	-	30.02	0.00	3468.63
MW - 30	Elias	05/15/20	3498.65	-	-	29.59	0.00	3469.06
MW - 30	Manny	06/24/20	3498.65	35.22	-	30.19	0.00	3468.46

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 30	Manny	07/28/20	3498.65	-	-	30.57	0.00	3468.08
MW - 30	Manny	08/18/20	3498.65	-	-	30.70	0.00	3467.95
MW - 30	Manny	09/11/20	3498.65	-	-	30.88	0.00	3467.77
MW - 30	Manny	10/30/20	3498.65	-	-	31.06	0.00	3467.59
MW - 30	Manny	11/10/20	3498.65	35.15	-	30.97	0.00	3467.68
MW - 30	Manny	12/30/20	3498.65	-	-	30.97	0.00	3467.68
MW - 30	Manny	01/21/21	3498.65	-	-	31.03	0.00	3467.62
MW - 30	Manny	03/17/21	3498.65	-	-	31.14	0.00	3467.51
MW - 30	Manny	05/27/21	3498.65	35.18	-	31.09	0.00	3467.56
MW - 30	Manny	07/26/21	3498.65	-	-	31.20	0.00	3467.45
MW - 30	Manny	09/28/21	3498.65	-	-	31.46	0.00	3467.19
MW - 30	Manny	10/13/21	3498.65	-	-	31.43	0.00	3467.22
MW - 30	Manny	12/01/21	3498.65	35.11	-	31.39	0.00	3467.26
MW - 30	Manny	01/13/22	3498.65	-	-	31.37	0.00	3467.28
MW - 30	Manny	03/03/22	3498.65	-	-	31.45	0.00	3467.20
MW - 30	Manny	04/28/22	3498.65	-	-	31.48	0.00	3467.17
MW - 30	Manny	06/02/22	3498.65	35.09	-	31.86	0.00	3466.79
MW - 30	Manny	08/23/22	3498.65	-	-	32.55	0.00	3466.10
MW - 30	Manny	10/19/22	3498.65	35.09	-	32.32	0.00	3466.33
MW - 30	Manny	03/07/23	3498.65	-	-	31.76	0.00	3466.89
MW - 30	Manny	05/02/23	3498.65	35.04	-	31.68	0.00	3466.97
MW - 30	Manny	08/29/23	3498.65	-	-	32.79	0.00	3465.86
MW - 30	Manny	11/29/23	3498.65	35.07	-	32.22	0.00	3466.43
MW - 30	Manny	03/25/24	3498.65	-	-	31.85	0.00	3466.80
MW - 30	Manny	06/19/24	3498.65	-	-	32.74	0.00	3465.91
MW - 30	Manny	09/10/24	3498.65	-	-	33.11	0.00	3465.54
MW - 30	Manny	11/13/24	3498.65	35.05	-	33.14	0.00	3465.51
RW - 1		12/04/02	3498.89	-	27.51	28.64	1.13	3471.21
RW - 1		01/07/03	3498.89	-	27.37	29.05	1.68	3471.27
RW - 1		01/27/03	3498.89	-	27.25	28.46	1.21	3471.46
RW - 1		02/25/03	3498.89	-	27.22	28.31	1.09	3471.51
RW - 1		03/06/03	3498.89	-	27.30	28.58	1.28	3471.40
RW - 1		03/11/03	3498.89	-	27.22	28.50	1.28	3471.48
RW - 1		03/20/03	3498.89	-	27.34	28.25	0.91	3471.41
RW - 1		04/02/03	3498.89	-	27.22	28.28	1.06	3471.51
RW - 1		04/16/03	3498.89	-	27.24	28.44	1.20	3471.47
RW - 1		04/23/03	3498.89	-	27.19	28.49	1.30	3471.51
RW - 1		04/29/03	3498.89	-	27.16	28.45	1.29	3471.54
RW - 1		05/15/03	3498.89	-	27.29	27.82	0.53	3471.52
RW - 1		05/22/03	3498.89	-	27.38	29.61	2.23	3471.18
RW - 1		05/28/03	3498.89	-	27.52	29.26	1.74	3471.11
RW - 1		06/04/03	3498.89	-	27.48	29.23	1.75	3471.15
RW - 1		06/10/03	3498.89	-	27.67	29.51	1.84	3470.94
RW - 1		06/26/03	3498.89	-	27.26	28.80	1.54	3471.40
RW - 1		07/07/03	3498.89	-	28.05	30.06	2.01	3470.54
RW - 1		07/30/03	3498.89	-	28.07	30.05	1.98	3470.52
RW - 1		08/05/03	3498.89	-	28.36	30.60	2.24	3470.19
RW - 1		08/21/03	3498.89	-	28.62	30.93	2.31	3469.92
RW - 1		08/26/03	3498.89	-	28.66	30.98	2.32	3469.88
RW - 1		09/08/03	3498.89	-	28.75	31.09	2.34	3469.79
RW - 1		09/15/03	3498.89	-	28.71	29.89	1.18	3470.00
RW - 1		09/24/03	3498.89	-	29.69	29.89	0.20	3469.17
RW - 1		10/02/03	3498.89	-	28.85	31.00	2.15	3469.72
RW - 1		10/08/03	3498.89	-	28.60	30.96	2.36	3469.94
RW - 1		10/16/03	3498.89	-	28.98	30.82	1.84	3469.63
RW - 1		10/28/03	3498.89	-	29.06	30.16	1.10	3469.67
RW - 1		11/11/03	3498.89	-	29.24	30.17	0.93	3469.51
RW - 1		11/18/03	3498.89	-	29.01	30.05	1.04	3469.72
RW - 1		11/25/03	3498.89	-	28.69	29.68	0.99	3470.05
RW - 1		02/20/04	3498.89	-	28.89	30.19	1.30	3469.81
RW - 1		03/16/04	3498.89	-	29.04	30.10	1.06	3469.69
RW - 1		12/08/03	3498.89	-	28.76	29.79	1.03	3469.98

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 1		03/25/04	3498.89	-	29.08	30.15	1.07	3469.65
RW - 1		03/31/04	3498.89	-	29.10	30.13	1.03	3469.64
RW - 1		04/08/04	3498.89	-	26.82	27.36	0.54	3471.99
RW - 1		04/14/04	3498.89	-	26.90	27.68	0.78	3471.87
RW - 1		04/29/04	3498.89	-	26.24	27.50	1.26	3472.46
RW - 1		05/05/04	3498.89	-	26.49	27.41	0.92	3472.26
RW - 1		05/10/04	3498.89	-	26.15	27.06	0.91	3472.60
RW - 1		06/08/04	3498.89	-	26.21	27.49	1.28	3472.49
RW - 1		06/17/04	3498.89	-	26.37	27.81	1.44	3472.30
RW - 1		06/22/04	3498.89	-	26.42	27.93	1.51	3472.24
RW - 1		06/25/04	3498.89	-	26.38	27.90	1.52	3472.28
RW - 1		06/29/04	3498.89	-	26.34	27.99	1.65	3472.30
RW - 1		07/01/04	3498.89	-	26.37	28.11	1.74	3472.26
RW - 1		07/08/04	3498.89	-	26.35	29.97	3.62	3472.00
RW - 1		07/13/04	3498.89	-	26.43	28.15	1.72	3472.20
RW - 1		07/20/04	3498.89	-	26.58	28.35	1.77	3472.04
RW - 1		08/04/04	3498.89	-	26.59	28.34	1.75	3472.04
RW - 1		08/10/04	3498.89	-	26.64	28.32	1.68	3472.00
RW - 1		08/17/04	3498.89	-	26.70	28.70	2.00	3471.89
RW - 1		08/23/04	3498.89	-	26.68	27.09	0.41	3472.15
RW - 1		08/25/04	3498.89	-	26.43	27.73	1.30	3472.27
RW - 1		08/31/04	3498.89	-	26.85	27.52	0.67	3471.94
RW - 1		09/13/04	3498.89	-	26.85	27.31	0.46	3471.97
RW - 1		09/20/04	3498.89	-	26.95	27.50	0.55	3471.86
RW - 1		09/30/04	3498.89	-	27.11	27.52	0.41	3471.72
RW - 1		10/04/04	3498.89	-	26.11	26.33	0.22	3472.75
RW - 1		10/11/04	3498.89	-	25.89	26.11	0.22	3472.97
RW - 1		10/18/04	3498.89	-	sheen	25.85	0.00	3473.04
RW - 1		10/27/04	3498.89	-	sheen	25.89	0.00	3473.00
RW - 1		11/02/04	3498.89	-	sheen	25.65	0.00	3473.24
RW - 1		11/08/04	3498.89	-	sheen	25.59	0.00	3473.30
RW - 1		11/23/04	3498.89	-	25.45	25.50	0.05	3473.43
RW - 1		12/01/04	3498.89	-	sheen	25.26	0.00	3473.63
RW - 1		12/02/04	3498.89	-	sheen	25.26	0.00	3473.63
RW - 1		12/08/04	3498.89	-	sheen	25.05	0.00	3473.84
RW - 1		12/14/04	3498.89	-	sheen	25.15	0.00	3473.74
RW - 1		12/21/04	3498.89	-	sheen	25.15	0.00	3473.74
RW - 1		12/29/04	3498.89	-	sheen	25.02	0.00	3473.87
RW - 1		01/11/05	3498.89	-	sheen	24.89	0.00	3474.00
RW - 1		01/14/05	3498.89	-	sheen	25.11	0.00	3473.78
RW - 1		01/18/05	3498.89	-	sheen	24.89	0.00	3474.00
RW - 1		01/21/05	3498.89	-	sheen	24.81	0.00	3474.08
RW - 1		01/25/05	3498.89	-	sheen	24.86	0.00	3474.03
RW - 1		01/28/05	3498.89	-	sheen	24.79	0.00	3474.10
RW - 1		02/02/05	3498.89	-	sheen	24.86	0.00	3474.03
RW - 1		02/05/05	3498.89	-	sheen	24.82	0.00	3474.07
RW - 1		02/08/05	3498.89	-	sheen	24.78	0.00	3474.11
RW - 1		02/11/05	3498.89	-	sheen	24.75	0.00	3474.14
RW - 1		02/15/05	3498.89	-	sheen	24.85	0.00	3474.04
RW - 1		02/18/05	3498.89	-	sheen	24.87	0.00	3474.02
RW - 1		02/22/05	3498.89	-	sheen	24.81	0.00	3474.08
RW - 1		02/25/05	3498.89	-	sheen	24.95	0.00	3473.94
RW - 1		03/01/05	3498.89	-	sheen	24.86	0.00	3474.03
RW - 1		03/04/05	3498.89	-	sheen	24.83	0.00	3474.06
RW - 1		03/08/05	3498.89	-	sheen	24.69	0.00	3474.20
RW - 1		03/10/05	3498.89	-	sheen	24.69	0.00	3474.20
RW - 1		03/11/05	3498.89	-	sheen	24.72	0.00	3474.17
RW - 1		03/15/05	3498.89	-	sheen	24.71	0.00	3474.18
RW - 1		03/19/05	3498.89	-	sheen	25.70	0.00	3473.19
RW - 1		03/22/05	3498.89	-	sheen	24.75	0.00	3474.14
RW - 1		03/28/05	3498.89	-	sheen	24.55	0.00	3474.34
RW - 1		04/01/05	3498.89	-	sheen	24.76	0.00	3474.13
RW - 1		04/05/05	3498.89	-	sheen	24.60	0.00	3474.29

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 1		04/08/05	3498.89	-	sheen	24.62	0.00	3474.27
RW - 1		04/12/05	3498.89	-	sheen	24.63	0.00	3474.26
RW - 1		04/15/05	3498.89	-	sheen	24.59	0.00	3474.30
RW - 1		05/25/05	3498.89	-	sheen	24.39	0.00	3474.50
RW - 1		06/03/05	3498.89	-	sheen	24.21	0.00	3474.68
RW - 1		06/06/05	3498.89	-	sheen	24.19	0.00	3474.70
RW - 1		06/10/05	3498.89	-	24.09	24.10	0.01	3474.80
RW - 1		06/13/05	3498.89	-	sheen	24.42	0.00	3474.47
RW - 1		06/20/05	3498.89	-	sheen	24.38	0.00	3474.51
RW - 1		06/24/05	3498.89	-	sheen	24.35	0.00	3474.54
RW - 1		06/27/05	3498.89	-	sheen	24.36	0.00	3474.53
RW - 1		07/18/05	3498.89	-	sheen	24.68	0.00	3474.21
RW - 1		07/25/05	3498.89	-	sheen	24.79	0.00	3474.10
RW - 1		08/01/05	3498.89	-	24.77	24.78	0.01	3474.12
RW - 1		08/10/05	3498.89	-	24.84	24.85	0.01	3474.05
RW - 1		08/16/05	3498.89	-	sheen	24.94	0.00	3473.95
RW - 1		08/23/05	3498.89	-	sheen	24.68	0.00	3474.21
RW - 1		08/29/05	3498.89	-	sheen	24.60	0.00	3474.29
RW - 1		09/06/05	3498.89	-	24.51	24.52	0.01	3474.38
RW - 1		09/09/05	3498.89	-	24.49	24.51	0.02	3474.40
RW - 1		09/12/05	3498.89	-	24.53	24.54	0.01	3474.36
RW - 1		09/19/05	3498.89	-	24.75	24.82	0.07	3474.13
RW - 1		09/27/05	3498.89	-	24.76	24.85	0.09	3474.12
RW - 1		10/03/05	3498.89	-	24.79	24.89	0.10	3474.09
RW - 1		10/10/05	3498.89	-	24.63	24.71	0.08	3474.25
RW - 1		10/17/05	3498.89	-	24.66	24.76	0.10	3474.22
RW - 1		10/24/05	3498.89	-	24.58	24.60	0.02	3474.31
RW - 1		11/01/05	3498.89	-	24.48	24.49	0.01	3474.41
RW - 1		11/08/05	3498.89	-	24.39	24.40	0.01	3474.50
RW - 1		11/15/05	3498.89	-	24.59	24.71	0.12	3474.28
RW - 1		11/22/05	3498.89	-	24.40	24.46	0.06	3474.48
RW - 1		11/27/05	3498.89	-	24.38	24.42	0.04	3474.50
RW - 1		12/05/05	3498.89	-	24.39	24.44	0.05	3474.49
RW - 1		12/07/05	3498.89	-	24.46	24.51	0.05	3474.42
RW - 1		12/16/05	3498.89	-	24.35	24.45	0.10	3474.53
RW - 1		12/29/05	3498.89	-	24.32	24.45	0.13	3474.55
RW - 1		01/03/06	3498.89	-	24.36	24.47	0.11	3474.51
RW - 1		01/09/06	3498.89	-	24.44	24.56	0.12	3474.43
RW - 1		01/16/06	3498.89	-	24.26	24.30	0.04	3474.62
RW - 1		01/23/06	3498.89	-	24.45	24.56	0.11	3474.42
RW - 1		01/30/06	3498.89	-	24.49	24.55	0.06	3474.39
RW - 1		02/07/06	3498.89	-	24.40	24.47	0.07	3474.48
RW - 1		02/14/06	3498.89	-	24.31	24.36	0.05	3474.57
RW - 1		02/21/06	3498.89	-	24.30	24.39	0.09	3474.58
RW - 1		02/27/06	3498.89	-	24.31	24.39	0.08	3474.57
RW - 1		03/06/06	3498.89	-	24.35	24.45	0.10	3474.53
RW - 1		03/09/06	3498.89	-	24.18	24.26	0.08	3474.70
RW - 1		03/17/06	3498.89	-	24.48	24.50	0.02	3474.41
RW - 1		03/21/06	3498.89	-	24.43	24.53	0.10	3474.45
RW - 1		03/28/06	3498.89	-	24.48	24.54	0.06	3474.40
RW - 1		04/03/06	3498.89	-	24.48	24.58	0.10	3474.40
RW - 1		04/10/06	3498.89	-	24.26	24.30	0.04	3474.62
RW - 1		04/17/06	3498.89	-	24.24	24.30	0.06	3474.64
RW - 1		05/01/06	3498.89	-	25.30	25.36	0.06	3473.58
RW - 1		05/08/06	3498.89	-	24.26	24.40	0.14	3474.61
RW - 1		05/15/06	3498.89	-	24.50	24.72	0.22	3474.36
RW - 1		06/01/06	3498.89	-	24.65	24.75	0.10	3474.23
RW - 1		06/05/06	3498.89	-	24.58	24.62	0.04	3474.30
RW - 1		06/08/06	3498.89	-	24.70	24.86	0.16	3474.17
RW - 1		06/12/06	3498.89	-	24.81	24.91	0.10	3474.07
RW - 1		06/19/06	3498.89	-	24.91	24.96	0.05	3473.97
RW - 1		07/03/06	3498.89	-	25.02	25.06	0.04	3473.86
RW - 1		07/10/06	3498.89	-	24.97	24.99	0.02	3473.92

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 1		07/17/06	3498.89	-	24.88	24.90	0.02	3474.01
RW - 1		07/26/06	3498.89	-	25.05	25.15	0.10	3473.83
RW - 1		07/31/06	3498.89	-	25.05	25.11	0.06	3473.83
RW - 1		08/07/06	3498.89	-	25.15	25.22	0.07	3473.73
RW - 1		08/17/06	3498.89	-	sheen	25.01	0.00	3473.88
RW - 1		08/21/06	3498.89	-	sheen	24.92	0.00	3473.97
RW - 1		09/06/06	3498.89	-	sheen	24.46	0.00	3474.43
RW - 1		09/11/06	3498.89	-	24.48	24.53	0.05	3474.40
RW - 1		09/15/06	3498.89	-	24.43	24.48	0.05	3474.45
RW - 1		10/02/06	3498.89	-	24.45	24.50	0.05	3474.43
RW - 1		10/09/06	3498.89	-	24.39	24.69	0.30	3474.46
RW - 1		10/17/06	3498.89	-	24.35	24.60	0.25	3474.50
RW - 1		10/23/06	3498.89	-	sheen	24.40	0.00	3474.49
RW - 1		10/30/06	3498.89	-	sheen	24.38	0.00	3474.51
RW - 1		11/06/06	3498.89	-	sheen	24.33	0.00	3474.56
RW - 1		11/13/06	3498.89	-	sheen	24.29	0.00	3474.60
RW - 1		11/27/06	3498.89	-	24.30	24.31	0.01	3474.59
RW - 1		11/29/06	3498.89	-	24.30	24.31	0.01	3474.59
RW - 1		12/04/06	3498.89	-	sheen	24.27	0.00	3474.62
RW - 1		12/12/06	3498.89	-	sheen	24.37	0.00	3474.52
RW - 1		12/18/06	3498.89	-	sheen	24.32	0.00	3474.57
RW - 1		01/04/07	3498.89	-	sheen	24.22	0.00	3474.67
RW - 1		01/11/07	3498.89	-	sheen	24.19	0.00	3474.70
RW - 1		01/18/07	3498.89	-	sheen	24.31	0.00	3474.58
RW - 1		01/22/07	3498.89	-	24.30	24.37	0.07	3474.58
RW - 1		01/31/07	3498.89	-	sheen	24.15	0.00	3474.74
RW - 1		02/07/07	3498.89	-	sheen	24.24	0.00	3474.65
RW - 1		02/14/07	3498.89	-	sheen	24.29	0.00	3474.60
RW - 1		02/26/07	3498.89	-	sheen	24.21	0.00	3474.68
RW - 1		03/07/07	3498.89	-	sheen	24.34	0.00	3474.55
RW - 1		04/03/07	3498.89	-	sheen	24.18	0.00	3474.71
RW - 1		04/09/07	3498.89	-	sheen	23.96	0.00	3474.93
RW - 1		04/17/07	3498.89	-	sheen	24.02	0.00	3474.87
RW - 1		05/01/07	3498.89	-	sheen	24.13	0.00	3474.76
RW - 1		05/07/07	3498.89	-	sheen	24.13	0.00	3474.76
RW - 1		05/17/07	3498.89	-	sheen	23.95	0.00	3474.94
RW - 1		05/21/07	3498.89	-	sheen	24.73	0.00	3474.16
RW - 1		07/03/07	3498.89	-	sheen	23.93	0.00	3474.96
RW - 1		07/30/07	3498.89	-	sheen	24.28	0.00	3474.61
RW - 1		08/06/07	3498.89	-	sheen	24.31	0.00	3474.58
RW - 1		08/16/07	3498.89	-	sheen	24.46	0.00	3474.43
RW - 1		09/13/07	3498.89	-	sheen	24.37	0.00	3474.52
RW - 1		09/18/07	3498.89	-	sheen	24.26	0.00	3474.63
RW - 1		09/24/07	3498.89	-	sheen	24.24	0.00	3474.65
RW - 1		10/01/07	3498.89	-	sheen	24.24	0.00	3474.65
RW - 1		10/08/07	3498.89	-	sheen	24.26	0.00	3474.63
RW - 1		10/15/07	3498.89	-	sheen	25.29	0.00	3473.60
RW - 1		11/07/07	3498.89	-	sheen	24.92	0.00	3473.97
RW - 1		12/14/07	3498.89	-	sheen	24.22	0.00	3474.67
RW - 1		01/09/08	3498.89	-	-	24.14	0.00	3474.75
RW - 1		01/16/08	3498.89	-	24.18	24.19	0.01	3474.71
RW - 1		01/23/08	3498.89	-	-	24.43	0.00	3474.46
RW - 1		02/08/08	3498.89	-	-	24.22	0.00	3474.67
RW - 1		02/12/08	3498.89	-	-	24.22	0.00	3474.67
RW - 1		02/22/08	3498.89	-	-	24.24	0.00	3474.65
RW - 1		03/05/08	3498.89	-	-	24.21	0.00	3474.68
RW - 1		05/14/08	3498.89	-	-	24.35	0.00	3474.54
RW - 1		06/23/08	3498.89	-	-	24.82	0.00	3474.07
RW - 1		08/18/08	3498.89	-	-	25.40	0.00	3473.49
RW - 1		09/17/08	3498.89	-	-	24.98	0.00	3473.91
RW - 1		09/29/08	3498.89	-	-	25.07	0.00	3473.82
RW - 1		10/06/08	3498.89	-	-	25.04	0.00	3473.85
RW - 1		10/13/08	3498.89	-	-	25.14	0.00	3473.75

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 1		10/20/08	3498.89	-	-	25.02	0.00	3473.87
RW - 1		10/29/08	3498.89	-	-	24.93	0.00	3473.96
RW - 1		11/05/08	3498.89	-	-	24.84	0.00	3474.05
RW - 1		11/10/08	3498.89	-	-	24.84	0.00	3474.05
RW - 1		11/13/08	3498.89	-	-	24.82	0.00	3474.07
RW - 1		12/03/08	3498.89	-	-	24.91	0.00	3473.98
RW - 1		12/16/08	3498.89	-	-	24.78	0.00	3474.11
RW - 1		12/30/08	3498.89	-	-	24.81	0.00	3474.08
RW - 1		01/06/09	3498.89	-	-	-	-	-
RW - 1		02/11/09	3498.89	-	-	24.90	0.00	3473.99
RW - 1		02/24/09	3498.89	-	-	24.91	0.00	3473.98
RW - 1		03/04/09	3498.89	-	-	24.85	0.00	3474.04
RW - 1		03/17/09	3498.89	-	-	24.94	0.00	3473.95
RW - 1		03/25/09	3498.89	-	-	24.85	0.00	3474.04
RW - 1		04/08/09	3498.89	-	-	24.88	0.00	3474.01
RW - 1		04/15/09	3498.89	-	-	24.96	0.00	3473.93
RW - 1		04/29/09	3498.89	-	-	24.94	0.00	3473.95
RW - 1		05/13/09	3498.89	-	-	24.93	0.00	3473.96
RW - 1		06/01/09	3498.89	-	-	25.80	0.00	3473.09
RW - 1		06/10/09	3498.89	-	-	24.94	0.00	3473.95
RW - 1		06/12/09	3498.89	-	-	25.32	0.00	3473.57
RW - 1		06/18/09	3498.89	-	-	24.96	0.00	3473.93
RW - 1		06/24/09	3498.89	-	-	25.44	0.00	3473.45
RW - 1		07/02/09	3498.89	-	-	25.58	0.00	3473.31
RW - 1		07/08/09	3498.89	-	-	24.91	0.00	3473.98
RW - 1		07/14/09	3498.89	-	-	25.61	0.00	3473.28
RW - 1		07/20/09	3498.89	-	-	25.63	0.00	3473.26
RW - 1		07/27/09	3498.89	-	-	25.64	0.00	3473.25
RW - 1		08/03/09	3498.89	-	-	25.60	0.00	3473.29
RW - 1		08/10/09	3498.89	-	-	25.75	0.00	3473.14
RW - 1		08/11/09	3498.89	-	-	25.75	0.00	3473.14
RW - 1		08/18/09	3498.89	-	-	25.79	0.00	3473.10
RW - 1		08/24/09	3498.89	-	-	25.85	0.00	3473.04
RW - 1		08/31/09	3498.89	-	-	25.99	0.00	3472.90
RW - 1		09/03/09	3498.89	-	-	25.89	0.00	3473.00
RW - 1		09/08/09	3498.89	-	-	26.16	0.00	3472.73
RW - 1		09/10/09	3498.89	-	-	26.11	0.00	3472.78
RW - 1		09/16/09	3498.89	-	-	25.98	0.00	3472.91
RW - 1		09/22/09	3498.89	-	-	26.18	0.00	3472.71
RW - 1		09/29/09	3498.89	-	-	25.64	0.00	3473.25
RW - 1		10/02/09	3498.89	-	-	26.25	0.00	3472.64
RW - 1		10/07/09	3498.89	-	-	26.04	0.00	3472.85
RW - 1		10/12/09	3498.89	-	-	24.90	0.00	3473.99
RW - 1		10/16/09	3498.89	-	-	26.11	0.00	3472.78
RW - 1		10/20/09	3498.89	-	-	24.91	0.00	3473.98
RW - 1		10/26/09	3498.89	-	-	24.91	0.00	3473.98
RW - 1		10/28/09	3498.89	-	-	26.03	0.00	3472.86
RW - 1		11/04/09	3498.89	-	-	26.22	0.00	3472.67
RW - 1		11/12/09	3498.89	-	-	26.06	0.00	3472.83
RW - 1		11/23/09	3498.89	-	-	26.05	0.00	3472.84
RW - 1		12/03/09	3498.89	-	-	26.15	0.00	3472.74
RW - 1		12/16/09	3498.89	-	-	26.08	0.00	3472.81
RW - 1		12/21/09	3498.89	-	-	26.08	0.00	3472.81
RW - 1		12/28/09	3498.89	-	-	24.90	0.00	3473.99
RW - 1		01/05/10	3498.89	-	-	26.08	0.00	3472.81
RW - 1		01/20/10	3498.89	-	-	24.88	0.00	3474.01
RW - 1		01/25/10	3498.89	-	-	24.87	0.00	3474.02
RW - 1		01/27/10	3498.89	-	-	26.15	0.00	3472.74
RW - 1		02/10/10	3498.89	-	-	26.15	0.00	3472.74
RW - 1		03/01/10	3498.89	-	-	24.86	0.00	3474.03
RW - 1		03/09/10	3498.89	-	-	26.11	0.00	3472.78
RW - 1		03/11/10	3498.89	-	-	26.17	0.00	3472.72
RW - 1		05/25/10	3498.89	-	-	25.63	0.00	3473.26

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HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 1		06/07/10	3498.89	-	-	25.96	0.00	3472.93
RW - 1		06/12/10	3498.89	-	-	26.05	0.00	3472.84
RW - 1		06/25/10	3498.89	-	-	26.16	0.00	3472.73
RW - 1		07/07/10	3498.89	-	-	25.90	0.00	3472.99
RW - 1		07/12/10	3498.89	-	-	25.51	0.00	3473.38
RW - 1		07/26/10	3498.89	-	-	-	0.00	-
RW - 1		08/03/10	3498.89	-	-	25.20	0.00	3473.69
RW - 1		08/13/10	3498.89	-	-	25.16	0.00	3473.73
RW - 1		08/19/10	3498.89	-	-	25.15	0.00	3473.74
RW - 1		08/25/10	3498.89	-	-	25.20	0.00	3473.69
RW - 1		09/01/10	3498.89	-	-	25.77	0.00	3473.12
RW - 1		09/09/10	3498.89	-	-	25.17	0.00	3473.72
RW - 1		09/13/10	3498.89	-	-	25.15	0.00	3473.74
RW - 1		09/29/10	3498.89	-	-	25.21	0.00	3473.68
RW - 1		10/05/10	3498.89	-	-	25.16	0.00	3473.73
RW - 1		10/25/10	3498.89	-	sheen	25.15	0.00	3473.74
RW - 1		11/03/10	3498.89	-	sheen	25.17	0.00	3473.72
RW - 1		11/10/10	3498.89	-	sheen	25.26	0.00	3473.63
RW - 1		11/18/10	3498.89	-	sheen	25.26	0.00	3473.63
RW - 1		12/09/10	3498.89	-	sheen	25.10	0.00	3473.79
RW - 1		01/18/11	3498.89	-	sheen	25.26	0.00	3473.63
RW - 1		02/22/11	3498.89	-	sheen	25.24	0.00	3473.65
RW - 1		03/01/11	3498.89	-	sheen	25.45	0.00	3473.44
RW - 1		03/07/11	3498.89	-	sheen	25.40	0.00	3473.49
RW - 1		03/22/11	3498.89	-	sheen	25.22	0.00	3473.67
RW - 1		04/27/11	3498.89	-	sheen	25.64	0.00	3473.25
RW - 1		05/05/11	3498.89	-	sheen	25.71	0.00	3473.18
RW - 1		05/10/11	3498.89	-	-	25.60	0.00	3473.29
RW - 1		05/17/11	3498.89	-	sheen	25.68	0.00	3473.21
RW - 1		05/17/11	3498.89	-	-	25.68	0.00	3473.21
RW - 1		05/24/11	3498.89	-	sheen	25.73	0.00	3473.16
RW - 1		06/07/11	3498.89	-	-	25.84	0.00	3473.05
RW - 1		06/14/11	3498.89	-	-	25.98	0.00	3472.91
RW - 1		06/23/11	3498.89	-	-	25.93	0.00	3472.96
RW - 1		06/28/11	3498.89	-	-	26.01	0.00	3472.88
RW - 1		07/06/11	3498.89	-	sheen	26.41	0.00	3472.48
RW - 1		07/14/11	3498.89	-	-	26.42	0.00	3472.47
RW - 1		07/27/11	3498.89	-	-	26.43	0.00	3472.46
RW - 1		08/11/11	3498.89	-	-	26.82	0.00	3472.07
RW - 1		08/18/11	3498.89	-	-	26.71	0.00	3472.18
RW - 1		08/25/11	3498.89	-	-	26.81	0.00	3472.08
RW - 1		09/02/11	3498.89	-	-	26.87	0.00	3472.02
RW - 1		09/09/11	3498.89	-	-	26.99	0.00	3471.90
RW - 1		11/08/11	3498.89	-	-	26.98	0.00	3471.91
RW - 1		12/28/11	3498.89	-	-	26.80	0.00	3472.09
RW - 1		01/05/12	3498.89	-	-	26.76	0.00	3472.13
RW - 1		01/18/12	3498.89	-	-	26.75	0.00	3472.14
RW - 1		01/27/12	3498.89	-	-	26.72	0.00	3472.17
RW - 1		02/02/12	3498.89	-	-	26.79	0.00	3472.10
RW - 1		02/10/12	3498.89	-	-	26.75	0.00	3472.14
RW - 1		02/15/12	3498.89	-	-	27.39	0.00	3471.50
RW - 1		03/01/12	3498.89	-	-	26.54	0.00	3472.35
RW - 1		03/07/12	3498.89	-	-	26.57	0.00	3472.32
RW - 1		03/14/12	3498.89	-	-	26.65	0.00	3472.24
RW - 1		03/19/12	3498.89	-	-	26.63	0.00	3472.26
RW - 1		03/26/12	3498.89	-	-	26.53	0.00	3472.36
RW - 1		04/04/12	3498.89	-	-	26.52	0.00	3472.37
RW - 1		04/11/12	3498.89	-	-	26.54	0.00	3472.35
RW - 1		04/25/12	3498.89	-	-	26.49	0.00	3472.40
RW - 1		05/23/12	3498.89	-	-	26.63	0.00	3472.26
RW - 1		05/31/12	3498.89	-	-	26.75	0.00	3472.14
RW - 1		06/06/12	3498.89	-	-	26.80	0.00	3472.09
RW - 1		06/13/12	3498.89	-	-	27.40	0.00	3471.49

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HISTORICAL GROUNDWATER ELEVATION DATA

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TNM 97-18
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Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 1		06/20/12	3498.89	-	-	27.36	0.00	3471.53
RW - 1		07/18/12	3498.89	-	-	26.85	0.00	3472.04
RW - 1		08/02/12	3498.89	-	-	27.23	0.00	3471.66
RW - 1		08/09/12	3498.89	-	-	27.26	0.00	3471.63
RW - 1		08/16/12	3498.89	-	-	27.36	0.00	3471.53
RW - 1		10/02/12	3498.89	-	-	27.58	0.00	3471.31
RW - 1		10/10/12	3498.89	-	-	27.40	0.00	3471.49
RW - 1		10/17/12	3498.89	-	-	27.27	0.00	3471.62
RW - 1		10/26/12	3498.89	-	-	27.30	0.00	3471.59
RW - 1		11/01/12	3498.89	-	-	28.12	0.00	3470.77
RW - 1		11/19/12	3498.89	-	-	27.14	0.00	3471.75
RW - 1		12/13/12	3498.89	-	-	27.19	0.00	3471.70
RW - 1		12/18/12	3498.89	-	-	27.00	0.00	3471.89
RW - 1		01/08/13	3498.89	-	-	26.96	0.00	3471.93
RW - 1		01/16/13	3498.89	-	-	27.08	0.00	3471.81
RW - 1		01/24/13	3498.89	-	-	27.08	0.00	3471.81
RW - 1		01/30/13	3498.89	-	-	27.11	0.00	3471.78
RW - 1		02/12/13	3498.89	-	-	27.11	0.00	3471.78
RW - 1		03/19/13	3498.89	-	26.99	27.00	0.01	3471.90
RW - 1		04/02/13	3498.89	-	-	26.96	0.00	3471.93
RW - 1		04/08/13	3498.89	-	-	26.85	0.00	3472.04
RW - 1		04/16/13	3498.89	-	-	27.02	0.00	3471.87
RW - 1		04/23/13	3498.89	-	-	27.05	0.00	3471.84
RW - 1		05/01/13	3498.89	-	-	26.92	0.00	3471.97
RW - 1		05/08/13	3498.89	-	-	26.91	0.00	3471.98
RW - 1		05/15/13	3498.89	-	-	26.82	0.00	3472.07
RW - 1		05/17/13	3498.89	-	-	26.91	0.00	3471.98
RW - 1		05/23/13	3498.89	-	27.02	27.04	0.02	3471.87
RW - 1		05/23/13	3498.89	-	-	29.03	0.00	3469.86
RW - 1		05/29/13	3498.89	-	-	27.04	0.00	3471.85
RW - 1		06/12/13	3498.89	-	-	27.41	0.00	3471.48
RW - 1		06/19/13	3498.89	-	-	27.45	0.00	3471.44
RW - 1		06/27/13	3498.89	-	-	27.60	0.00	3471.29
RW - 1		07/02/13	3498.89	-	-	27.64	0.00	3471.25
RW - 1		07/08/13	3498.89	-	-	27.73	0.00	3471.16
RW - 1		07/15/13	3498.89	-	-	27.77	0.00	3471.12
RW - 1		07/23/13	3498.89	-	-	27.70	0.00	3471.19
RW - 1		07/29/13	3498.89	-	-	27.77	0.00	3471.12
RW - 1		08/07/13	3498.89	36.27	-	27.72	0.00	3471.17
RW - 1		08/15/13	3498.89	-	-	27.82	0.00	3471.07
RW - 1		08/20/13	3498.89	-	-	27.77	0.00	3471.12
RW - 1		08/28/13	3498.89	-	-	27.82	0.00	3471.07
RW - 1		09/05/13	3498.89	-	-	27.97	0.00	3470.92
RW - 1		09/09/13	3498.89	-	-	27.85	0.00	3471.04
RW - 1		09/18/13	3498.89	-	-	27.95	0.00	3470.94
RW - 1		09/28/13	3498.89	-	-	28.05	0.00	3470.84
RW - 1		10/01/13	3498.89	-	-	27.89	0.00	3471.00
RW - 1		10/08/13	3498.89	-	-	27.94	0.00	3470.95
RW - 1		10/14/13	3498.89	-	-	27.97	0.00	3470.92
RW - 1		10/23/13	3498.89	-	-	27.78	0.00	3471.11
RW - 1		10/29/13	3498.89	-	-	27.64	0.00	3471.25
RW - 1		11/16/13	3498.89	-	-	27.56	0.00	3471.33
RW - 1		11/27/13	3498.89	36.13	-	27.65	0.00	3471.24
RW - 1		12/02/13	3498.89	-	-	27.50	0.00	3471.39
RW - 1		12/14/13	3498.89	-	-	27.67	0.00	3471.22
RW - 1		12/19/13	3498.89	-	-	27.40	0.00	3471.49
RW - 1		12/24/13	3498.89	-	-	27.54	0.00	3471.35
RW - 1		01/02/14	3498.89	-	-	27.50	0.00	3471.39
RW - 1		01/07/14	3498.89	-	-	27.39	0.00	3471.50
RW - 1		01/14/14	3498.89	-	-	27.52	0.00	3471.37
RW - 1		01/21/14	3498.89	-	-	27.35	0.00	3471.54
RW - 1		01/31/14	3498.89	-	-	27.41	0.00	3471.48
RW - 1	John F.	02/10/14	3498.89	36.15	-	27.39	0.00	3471.50

TABLE 4

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RW - 1	John F.	02/27/14	3498.89	-	-	27.32	0.00	3471.57
RW - 1	John & Jose	03/06/14	3498.89	-	-	27.38	0.00	3471.51
RW - 1	John & Jose	03/13/14	3498.89	-	-	27.49	0.00	3471.40
RW - 1	David F.	03/25/14	3498.89	-	-	27.48	0.00	3471.41
RW - 1	Baer & Justin	04/03/14	3498.89	-	-	27.36	0.00	3471.53
RW - 1	Manny & Chanc	04/07/14	3498.89	-	-	27.37	0.00	3471.52
RW - 1	Manny & Chanc	04/14/14	3498.89	-	-	27.50	0.00	3471.39
RW - 1	Manny & Chanc	04/23/14	3498.89	-	-	27.23	0.00	3471.66
RW - 1	Jose	04/28/14	3498.89	-	-	28.59	0.00	3470.30
RW - 1	Jose	05/05/14	3498.89	-	-	27.34	0.00	3471.55
RW - 1	Manny	05/14/14	3498.89	-	-	27.46	0.00	3471.43
RW - 1	David F.	05/22/14	3498.89	36.13	-	27.50	0.00	3471.39
RW - 1	Manny	05/28/14	3498.89	-	-	27.58	0.00	3471.31
RW - 1	Manny	06/02/14	3498.89	-	-	27.64	0.00	3471.25
RW - 1	Manny	06/12/14	3498.89	-	-	28.19	0.00	3470.70
RW - 1	Manny	06/17/14	3498.89	-	-	28.00	0.00	3470.89
RW - 1	Manny	06/25/14	3498.89	-	-	28.08	0.00	3470.81
RW - 1	Manny	06/30/14	3498.89	-	-	28.40	0.00	3470.49
RW - 1	Manny	07/11/14	3498.89	-	-	28.24	0.00	3470.65
RW - 1	Manny	07/14/14	3498.89	-	-	28.15	0.00	3470.74
RW - 1	Manny	07/22/14	3498.89	-	-	28.34	0.00	3470.55
RW - 1	Manny	07/23/14	3498.89	-	-	28.34	0.00	3470.55
RW - 1	Manny	08/05/14	3498.89	-	-	28.33	0.00	3470.56
RW - 1	Manny	08/12/14	3498.89	-	-	28.45	0.00	3470.44
RW - 1	David F.	08/13/14	3498.89	-	28.32	28.33	0.01	3470.57
RW - 1	Manny	08/27/14	3498.89	-	28.53	28.54	0.01	3470.36
RW - 1	Manny	09/17/14	3498.89	-	-	28.05	0.00	3470.84
RW - 1	Manny	09/23/14	3498.89	-	-	27.82	0.00	3471.07
RW - 1	Manny	10/10/14	3498.89	-	-	27.03	0.00	3471.86
RW - 1	Manny	10/15/14	3498.89	-	-	27.10	0.00	3471.79
RW - 1	Chance	10/20/14	3498.89	-	-	28.80	0.00	3470.09
RW - 1		10/27/14	3498.89	-	-	26.76	0.00	3472.13
RW - 1	Manny	11/04/14	3498.89	-	-	26.81	0.00	3472.08
RW - 1	Manny	11/06/14	3498.89	36.19	-	26.82	0.00	3472.07
RW - 1	Manny	11/11/14	3498.89	-	-	26.71	0.00	3472.18
RW - 1	Chance	11/18/14	3498.89	-	-	26.67	0.00	3472.22
RW - 1	Manny	12/02/14	3498.89	-	-	26.47	0.00	3472.42
RW - 1	Manny	12/09/14	3498.89	-	-	26.31	0.00	3472.58
RW - 1	Carlos	12/17/14	3498.89	-	-	26.36	0.00	3472.53
RW - 1	Manny	12/23/14	3498.89	-	-	26.50	0.00	3472.39
RW - 1	Manny	12/30/14	3498.89	-	-	26.58	0.00	3472.31
RW - 1	Manny	01/06/15	3498.89	-	-	26.46	0.00	3472.43
RW - 1	Carlos	01/09/15	3498.89	-	-	26.47	0.00	3472.42
RW - 1	Manny	01/13/15	3498.89	-	-	26.43	0.00	3472.46
RW - 1	Manny	01/21/15	3498.89	-	-	26.39	0.00	3472.50
RW - 1	Manny	01/26/15	3498.89	-	-	26.35	0.00	3472.54
RW - 1	Carlos	02/05/15	3498.89	-	-	26.41	0.00	3472.48
RW - 1	Carlos	02/16/15	3498.89	-	-	26.26	0.00	3472.63
RW - 1	Manny	02/17/15	3498.89	36.18	-	26.27	0.00	3472.62
RW - 1	Manny/Art	03/04/15	3498.89	-	-	26.21	0.00	3472.68
RW - 1	Manny	03/10/15	3498.89	-	-	26.19	0.00	3472.70
RW - 1	Manny	03/16/15	3498.89	-	-	26.12	0.00	3472.77
RW - 1	Matt	03/23/15	3498.89	-	-	26.07	0.00	3472.82
RW - 1	Manny	03/31/15	3498.89	-	-	25.99	0.00	3472.90
RW - 1	Manny	04/03/15	3498.89	-	-	26.22	0.00	3472.67
RW - 1	Carlos/Matt	04/06/15	3498.89	-	-	26.05	0.00	3472.84
RW - 1	Manny/Art	04/16/15	3498.89	-	-	25.95	0.00	3472.94
RW - 1	Manny	04/22/15	3498.89	-	-	25.88	0.00	3473.01
RW - 1	Arthur	05/01/15	3498.89	-	-	25.89	0.00	3473.00
RW - 1	Matt	05/11/15	3498.89	-	-	25.91	0.00	3472.98
RW - 1	Manny	05/14/15	3498.89	36.10	-	25.74	0.00	3473.15
RW - 1	Arthur	05/29/15	3498.89	-	-	25.76	0.00	3473.13
RW - 1	Manny	06/04/15	3498.89	-	-	25.74	0.00	3473.15

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 1	Manny	06/09/15	3498.89	-	-	25.72	0.00	3473.17
RW - 1	Carlos	06/17/15	3498.89	-	-	25.82	0.00	3473.07
RW - 1	Carlos	06/23/15	3498.89	-	-	25.84	0.00	3473.05
RW - 1	Carlos	06/29/15	3498.89	-	-	25.83	0.00	3473.06
RW - 1	Manny/ Arthur	07/09/15	3498.89	-	-	25.95	0.00	3472.94
RW - 1	Manny	07/15/15	3498.89	-	-	26.06	0.00	3472.83
RW - 1	Carlos/Matt	07/20/15	3498.89	-	-	26.13	0.00	3472.76
RW - 1	Manny	07/30/15	3498.89	-	-	26.33	0.00	3472.56
RW - 1	Carlos	08/03/15	3498.89	-	-	26.27	0.00	3472.62
RW - 1	Manny/Arthur	08/04/15	3498.89	36.13	-	26.33	0.00	3472.56
RW - 1	Manny	08/11/15	3498.89	-	-	26.43	0.00	3472.46
RW - 1	Carlos	08/18/15	3498.89	-	-	26.40	0.00	3472.49
RW - 1	Carlos	08/26/15	3498.89	-	-	26.44	0.00	3472.45
RW - 1	Manny/Arthur	09/02/15	3498.89	-	-	26.34	0.00	3472.55
RW - 1	Carlos	10/22/15	3498.89	-	-	26.09	0.00	3472.80
RW - 1	Manny	11/17/15	3498.89	36.18	-	25.97	0.00	3472.92
RW - 1	Carlos	12/03/15	3498.89	-	-	25.96	0.00	3472.93
RW - 1	Carlos	12/09/15	3498.89	-	-	25.89	0.00	3473.00
RW - 1	Manny	01/06/16	3498.89	-	-	25.76	0.00	3473.13
RW - 1	Carlos	01/13/16	3498.89	-	-	25.84	0.00	3473.05
RW - 1	Manny	01/15/16	3498.89	-	-	25.77	0.00	3473.12
RW - 1	Carlos	01/29/16	3498.89	-	-	25.71	0.00	3473.18
RW - 1	Carlos	02/04/16	3498.89	-	-	25.66	0.00	3473.23
RW - 1	Manny	02/10/16	3498.89	36.05	-	25.81	0.00	3473.08
RW - 1	James	03/03/16	3498.89	-	-	25.85	0.00	3473.04
RW - 1	Manny	03/16/16	3498.89	-	-	25.73	0.00	3473.16
RW - 1	Manny	04/12/16	3498.89	-	-	25.62	0.00	3473.27
RW - 1	Manny	04/15/16	3498.89	-	-	25.48	0.00	3473.41
RW - 1	Manny	04/19/16	3498.89	-	-	25.50	0.00	3473.39
RW - 1	Manny	04/29/16	3498.89	-	-	25.41	0.00	3473.48
RW - 1	Carlos	05/04/16	3498.89	-	-	25.46	0.00	3473.43
RW - 1	Manny	05/13/16	3498.89	-	-	25.63	0.00	3473.26
RW - 1	Manny	05/18/16	3498.89	-	-	24.64	0.00	3474.25
RW - 1	Manny	05/25/16	3498.89	36.15	-	25.65	0.00	3473.24
RW - 1	Carlos	06/02/16	3498.89	-	-	25.77	0.00	3473.12
RW - 1	Carlos	06/06/16	3498.89	-	-	25.82	0.00	3473.07
RW - 1	Manny	06/28/16	3498.89	-	-	26.06	0.00	3472.83
RW - 1	Carlos	07/05/16	3498.89	-	-	26.20	0.00	3472.69
RW - 1	Carlos	07/14/16	3498.89	-	-	26.34	0.00	3472.55
RW - 1	Carlos	07/21/16	3498.89	-	-	26.53	0.00	3472.36
RW - 1	Carlos	07/25/16	3498.89	-	-	26.55	0.00	3472.34
RW - 1	Carlos	08/01/16	3498.89	-	-	26.55	0.00	3472.34
RW - 1	Carlos	08/09/16	3498.89	-	-	26.79	0.00	3472.10
RW - 1	Wes	08/15/16	3498.89	-	-	26.69	0.00	3472.20
RW - 1	Manny/ Wes	08/18/16	3498.89	36.10	-	26.78	0.00	3472.11
RW - 1	Carlos	08/22/16	3498.89	-	-	26.86	0.00	3472.03
RW - 1	Carlos	09/06/16	3498.89	-	-	26.24	0.00	3472.65
RW - 1	Carlos	09/12/16	3498.89	-	-	25.82	0.00	3473.07
RW - 1	Carlos	09/19/16	3498.89	-	-	25.52	0.00	3473.37
RW - 1	Wesley	09/26/16	3498.89	-	-	25.29	0.00	3473.60
RW - 1	Carlos	10/17/16	3498.89	-	-	24.87	0.00	3474.02
RW - 1	Wesley	10/25/16	3498.89	36.05	-	24.94	0.00	3473.95
RW - 1	Carlos	11/03/16	3498.89	-	-	25.00	0.00	3473.89
RW - 1	Carlos	11/08/16	3498.89	-	-	24.96	0.00	3473.93
RW - 1	Carlos	11/15/16	3498.89	-	-	24.84	0.00	3474.05
RW - 1	Manny	11/22/16	3498.89	36.06	-	24.76	0.00	3474.13
RW - 1	Carlos	12/05/16	3498.89	-	-	24.87	0.00	3474.02
RW - 1	Wesley	12/13/16	3498.89	-	-	24.79	0.00	3474.10
RW - 1	Carlos	12/22/16	3498.89	-	-	24.84	0.00	3474.05
RW - 1	Carlos	12/27/16	3498.89	-	-	24.85	0.00	3474.04
RW - 1	Carlos	01/04/17	3498.89	-	-	24.77	0.00	3474.12
RW - 1	Carlos	01/13/17	3498.89	-	-	24.96	0.00	3473.93
RW - 1	Carlos	01/17/17	3498.89	-	-	24.88	0.00	3474.01

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 1	Carlos	01/24/17	3498.89	-	-	24.73	0.00	3474.16
RW - 1	Carlos	01/31/17	3498.89	-	-	24.78	0.00	3474.11
RW - 1	Carlos	02/07/17	3498.89	-	-	24.74	0.00	3474.15
RW - 1	Wesley	02/16/17	3498.89	-	-	24.65	0.00	3474.24
RW - 1	Carlos	02/20/17	3498.89	-	-	24.70	0.00	3474.19
RW - 1	Carlos	03/01/17	3498.89	36.05	-	24.70	0.00	3474.19
RW - 1	Carlos	03/06/17	3498.89	-	-	24.67	0.00	3474.22
RW - 1	Carlos	03/14/17	3498.89	-	-	24.69	0.00	3474.20
RW - 1	Carlos	03/24/17	3498.89	-	-	24.68	0.00	3474.21
RW - 1	Carlos	04/04/17	3498.89	-	-	24.56	0.00	3474.33
RW - 1	Manny	04/13/17	3498.89	-	-	24.65	0.00	3474.24
RW - 1	Manny/ Jeremy	04/19/17	3498.89	-	-	24.56	0.00	3474.33
RW - 1	Jeremy	05/01/17	3498.89	-	-	24.56	0.00	3474.33
RW - 1	Manny	05/11/17	3498.89	-	-	24.85	0.00	3474.04
RW - 1	Jeremy	05/18/17	3498.89	35.98	-	24.54	0.00	3474.35
RW - 1	Jeremy	05/23/17	3498.89	-	-	24.66	0.00	3474.23
RW - 1	Jeremy	06/12/17	3498.89	-	-	24.75	0.00	3474.14
RW - 1	Jeremy	07/03/17	3498.89	-	-	24.96	0.00	3473.93
RW - 1	Jeremy	07/25/17	3498.89	-	-	25.22	0.00	3473.67
RW - 1	Jeremy	08/14/17	3498.89	36.23	-	25.00	0.00	3473.89
RW - 1	Jeremy	08/21/17	3498.89	-	-	25.03	0.00	3473.86
RW - 1	Jeremy	09/06/17	3498.89	-	-	24.76	0.00	3474.13
RW - 1	Jeremy	09/12/17	3498.89	-	-	24.81	0.00	3474.08
RW - 1	Jeremy	10/04/17	3498.89	-	-	24.86	0.00	3474.03
RW - 1	Jeremy	10/17/17	3498.89	-	-	24.70	0.00	3474.19
RW - 1	Jeremy	10/23/17	3498.89	-	-	24.68	0.00	3474.21
RW - 1	Jeremy	10/30/17	3498.89	-	-	24.74	0.00	3474.15
RW - 1	Manny/ Jeremy	11/15/17	3498.89	36.07	-	24.71	0.00	3474.18
RW - 1	Jeremy	12/04/17	3498.89	-	-	24.63	0.00	3474.26
RW - 1	Jeremy	12/22/17	3498.89	-	-	24.70	0.00	3474.19
RW - 1	Jeremy	12/29/17	3498.89	-	-	24.67	0.00	3474.22
RW - 1	Jeremy	01/02/18	3498.89	-	-	24.65	0.00	3474.24
RW - 1	Jeremy	01/17/18	3498.89	-	-	24.66	0.00	3474.23
RW - 1	Jeremy	01/23/18	3498.89	-	-	24.68	0.00	3474.21
RW - 1	Jeremy	01/29/18	3498.89	-	-	24.67	0.00	3474.22
RW - 1	Jeremy	02/05/18	3498.89	-	-	24.50	0.00	3474.39
RW - 1	Jeremy	02/14/18	3498.89	-	-	24.55	0.00	3474.34
RW - 1	Jeremy	02/19/18	3498.89	36.11	-	24.55	0.00	3474.34
RW - 1	Jeremy	03/28/18	3498.89	-	-	24.66	0.00	3474.23
RW - 1	Jeremy	04/05/18	3498.89	-	-	24.59	0.00	3474.30
RW - 1	Jeremy	04/27/18	3498.89	-	-	24.72	0.00	3474.17
RW - 1	Jeremy	05/16/18	3498.89	35.99	-	24.73	0.00	3474.16
RW - 1	Jeremy	06/15/18	3498.89	-	-	25.13	0.00	3473.76
RW - 1	Jeremy	06/19/18	3498.89	-	-	25.19	0.00	3473.70
RW - 1	Jeremy	06/29/18	3498.89	-	-	25.37	0.00	3473.52
RW - 1	Jeremy	07/16/18	3498.89	-	-	25.56	0.00	3473.33
RW - 1	Jeremy	08/14/18	3498.89	36.02	-	25.89	0.00	3473.00
RW - 1	Jeremy	09/05/18	3498.89	-	-	26.06	0.00	3472.83
RW - 1	Jeremy	09/10/18	3498.89	-	-	25.84	0.00	3473.05
RW - 1	Jeremy	10/08/18	3498.89	-	-	25.66	0.00	3473.23
RW - 1	Jeremy	11/29/18	3498.89	-	-	25.40	0.00	3473.49
RW - 1	Jeremy	12/14/18	3498.89	-	-	25.32	0.00	3473.57
RW - 1	Manny/Elias	01/29/19	3498.89	-	-	25.31	0.00	3473.58
RW - 1	Manny/Elias	03/05/19	3498.89	26.10	-	25.44	0.00	3473.45
RW - 1	Jeremy	03/29/19	3498.89	-	-	25.23	0.00	3473.66
RW - 1	Jeremy	04/18/19	3498.89	-	-	25.10	0.00	3473.79
RW - 1	Manny/Elias	05/14/19	3498.89	36.11	-	25.06	0.00	3473.83
RW - 1	Manny/Elias	06/06/19	3498.89	-	-	25.27	0.00	3473.62
RW - 1	Manny	06/27/19	3498.89	-	-	25.63	0.00	3473.26
RW - 1	Manny	07/17/19	3498.89	-	-	25.70	0.00	3473.19
RW - 1	Elias	09/11/19	3498.89	36.16	-	26.19	0.00	3472.70
RW - 1	Elias	10/16/19	3498.89	-	-	25.79	0.00	3473.10
RW - 1	Elias	12/04/19	3498.89	36.05	-	25.33	0.00	3473.56

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 1	Elias	12/30/19	3498.89	-	-	25.32	0.00	3473.57
RW - 1	Elias	01/14/20	3498.89	-	-	25.25	0.00	3473.64
RW - 1	Elias	02/13/20	3498.89	36.18	-	25.16	0.00	3473.73
RW - 1	Elias	05/15/20	3498.89	-	-	24.79	0.00	3474.10
RW - 1	Manny	06/25/20	3498.89	36.01	-	25.50	0.00	3473.39
RW - 1	Manny	07/28/20	3498.89	-	-	25.95	0.00	3472.94
RW - 1	Manny	08/19/20	3498.89	36.06	-	26.10	0.00	3472.79
RW - 1	Manny	09/11/20	3498.89	-	-	26.29	0.00	3472.60
RW - 1	Manny	10/30/20	3498.89	-	-	26.33	0.00	3472.56
RW - 1	Manny	11/11/20	3498.89	36.03	-	26.30	0.00	3472.59
RW - 1	Manny	12/30/20	3498.89	-	-	26.22	0.00	3472.67
RW - 1	Manny	01/21/21	3498.89	-	-	26.09	0.00	3472.80
RW - 1	Manny	03/18/21	3498.89	35.96	-	26.26	0.00	3472.63
RW - 1	Manny	05/27/21	3498.89	36.08	-	26.34	0.00	3472.55
RW - 1	Manny	07/26/21	3498.89	-	-	26.48	0.00	3472.41
RW - 1	Manny	07/27/21	3498.89	-	-	26.48	0.00	3472.41
RW - 1	Manny	09/29/21	3498.89	36.09	-	26.65	0.00	3472.24
RW - 1	Manny	10/13/21	3498.89	-	-	26.63	0.00	3472.26
RW - 1	Manny	10/29/21	3498.89	-	-	26.77	0.00	3472.12
RW - 1	Manny	12/01/21	3498.89	36.08	-	26.57	0.00	3472.32
RW - 1	Manny	01/13/22	3498.89	-	-	26.52	0.00	3472.37
RW - 1	Manny	03/04/22	3498.89	36.00	-	26.58	0.00	3472.31
RW - 1	Manny	03/17/22	3498.89	-	-	26.60	0.00	3472.29
RW - 1	Manny	04/28/22	3498.89	-	-	26.62	0.00	3472.27
RW - 1	Manny	06/02/22	3498.89	35.97	-	27.12	0.00	3471.77
RW - 1	Manny	08/24/22	3498.89	36.06	-	27.92	0.00	3470.97
RW - 1	Manny	10/17/22	3498.89	36.06	-	27.59	0.00	3471.30
RW - 1	Manny	03/08/23	3498.89	36.05	-	26.95	0.00	3471.94
RW - 1	Manny	05/02/23	3498.89	36.00	-	26.82	0.00	3472.07
RW - 1	Manny	08/31/23	3498.89	36.05	-	28.05	0.00	3470.84
RW - 1	Manny	11/29/23	3498.89	36.03	-	27.40	0.00	3471.49
RW - 1	Manny	03/25/24	3498.89	35.92	-	26.97	0.00	3471.92
RW - 1	Manny	06/19/24	3498.89	35.96	-	27.98	0.00	3470.91
RW - 1	Manny	09/10/24	3498.89	35.97	-	28.33	0.00	3470.56
RW - 1	Manny	11/13/24	3498.89	35.89	-	28.28	0.00	3470.61
RW - 2		12/04/02	3498.99	-	28.10	28.12	0.02	3470.89
RW - 2		01/07/03	3498.99	-	27.44	27.67	0.23	3471.52
RW - 2		01/27/03	3498.99	-	27.27	27.48	0.21	3471.69
RW - 2		02/25/03	3498.99	-	27.18	27.42	0.24	3471.77
RW - 2		03/06/03	3498.99	-	27.34	27.71	0.37	3471.59
RW - 2		03/11/03	3498.99	-	27.28	28.57	1.29	3471.52
RW - 2		03/20/03	3498.99	-	27.40	27.80	0.40	3471.53
RW - 2		04/02/03	3498.99	-	27.22	27.61	0.39	3471.71
RW - 2		04/16/03	3498.99	-	27.27	27.73	0.46	3471.65
RW - 2		04/23/02	3498.99	-	27.17	27.64	0.47	3471.75
RW - 2		04/29/03	3498.99	-	27.23	27.70	0.47	3471.69
RW - 2		05/15/03	3498.99	-	27.32	27.87	0.55	3471.59
RW - 2		05/22/03	3498.99	-	27.44	28.03	0.59	3471.46
RW - 2		05/28/03	3498.99	-	27.67	29.32	1.65	3471.07
RW - 2		06/04/03	3498.99	-	27.50	28.20	0.70	3471.39
RW - 2		06/10/03	3498.99	-	28.35	29.67	1.32	3470.44
RW - 2		06/26/03	3498.99	-	-	27.89	0.00	3471.10
RW - 2		07/07/03	3498.99	-	28.10	28.93	0.83	3470.77
RW - 2		07/30/03	3498.99	-	28.08	28.89	0.81	3470.79
RW - 2		08/05/03	3498.99	-	28.44	29.40	0.96	3470.41
RW - 2		08/21/03	3498.99	-	28.63	29.71	1.08	3470.20
RW - 2		08/26/03	3498.99	-	28.67	29.75	1.08	3470.16
RW - 2		09/08/03	3498.99	-	28.74	29.90	1.16	3470.08
RW - 2		09/15/03	3498.99	-	29.97	30.66	0.69	3468.92
RW - 2		09/24/03	3498.99	-	28.74	30.67	1.93	3469.96
RW - 2		10/02/03	3498.99	-	28.72	29.85	1.13	3470.10
RW - 2		10/08/03	3498.99	-	28.64	29.80	1.16	3470.18

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 2		10/16/03	3498.99	-	28.98	30.17	1.19	3469.83
RW - 2		10/28/03	3498.99	-	29.02	29.67	0.65	3469.87
RW - 2		11/11/03	3498.99	-	29.24	29.65	0.41	3469.69
RW - 2		11/18/03	3498.99	-	28.95	29.53	0.58	3469.95
RW - 2		11/25/03	3498.99	-	28.64	29.10	0.46	3470.28
RW - 2		12/08/03	3498.99	-	28.73	29.17	0.44	3470.19
RW - 2		02/20/04	3498.99	-	28.99	29.46	0.47	3469.93
RW - 2		03/16/04	3498.99	-	29.07	29.46	0.39	3469.86
RW - 2		03/25/04	3498.99	-	29.04	29.48	0.44	3469.88
RW - 2		03/31/05	3498.99	-	29.07	29.46	0.39	3469.86
RW - 2		04/08/04	3498.99	-	22.89	23.44	0.55	3476.02
RW - 2		04/14/05	3498.99	-	24.81	25.62	0.81	3474.06
RW - 2		04/29/05	3498.99	-	25.42	26.32	0.90	3473.44
RW - 2		05/05/04	3498.99	-	25.89	26.80	0.91	3472.96
RW - 2		05/10/04	3498.99	-	25.77	26.46	0.69	3473.12
RW - 2		06/08/04	3498.99	-	25.99	26.99	1.00	3472.85
RW - 2		06/17/04	3498.99	-	26.22	27.28	1.06	3472.61
RW - 2		06/22/04	3498.99	-	26.26	27.24	0.98	3472.58
RW - 2		06/25/04	3498.99	-	26.22	27.30	1.08	3472.61
RW - 2		06/29/04	3498.99	-	26.17	27.27	1.10	3472.66
RW - 2		07/01/04	3498.99	-	26.19	27.35	1.16	3472.63
RW - 2		07/08/04	3498.99	-	26.18	27.29	1.11	3472.64
RW - 2		07/13/04	3498.99	-	26.23	27.37	1.14	3472.59
RW - 2		07/20/04	3498.99	-	26.34	27.74	1.40	3472.44
RW - 2		08/04/04	3498.99	-	26.36	27.75	1.39	3472.42
RW - 2		08/10/04	3498.99	-	26.39	27.74	1.35	3472.40
RW - 2		08/17/04	3498.99	-	26.59	28.10	1.51	3472.17
RW - 2		08/23/04	3498.99	-	26.46	26.90	0.44	3472.46
RW - 2		08/25/04	3498.99	-	26.55	27.20	0.65	3472.34
RW - 2		08/31/04	3498.99	-	26.65	27.35	0.70	3472.24
RW - 2		09/13/04	3498.99	-	26.73	27.19	0.46	3472.19
RW - 2		09/20/04	3498.99	-	26.80	27.29	0.49	3472.12
RW - 2		09/30/04	3498.99	-	26.95	27.21	0.26	3472.00
RW - 2		10/04/04	3498.99	-	25.12	25.27	0.15	3473.85
RW - 2		10/11/04	3498.99	-	24.98	25.22	0.24	3473.97
RW - 2		10/18/04	3498.99	-	sheen	25.23	0.00	3473.76
RW - 2		10/27/04	3498.99	-	sheen	25.50	0.00	3473.49
RW - 2		11/02/04	3498.99	-	sheen	25.39	0.00	3473.60
RW - 2		11/08/04	3498.99	-	sheen	25.35	0.00	3473.64
RW - 2		11/23/04	3498.99	-	24.84	24.85	0.01	3474.15
RW - 2		12/01/04	3498.99	-	sheen	24.66	0.00	3474.33
RW - 2		12/02/04	3498.99	-	sheen	24.66	0.00	3474.33
RW - 2		12/08/04	3498.99	-	sheen	24.64	0.00	3474.35
RW - 2		12/14/04	3498.99	-	sheen	24.80	0.00	3474.19
RW - 2		12/21/04	3498.99	-	sheen	24.72	0.00	3474.27
RW - 2		12/29/04	3498.99	-	sheen	24.73	0.00	3474.26
RW - 2		01/11/05	3498.99	-	sheen	24.66	0.00	3474.33
RW - 2		01/14/05	3498.99	-	sheen	24.96	0.00	3474.03
RW - 2		01/18/05	3498.99	-	sheen	24.72	0.00	3474.27
RW - 2		01/21/05	3498.99	-	sheen	24.67	0.00	3474.32
RW - 2		01/25/05	3498.99	-	sheen	24.68	0.00	3474.31
RW - 2		01/28/05	3498.99	-	sheen	24.65	0.00	3474.34
RW - 2		02/02/05	3498.99	-	sheen	24.75	0.00	3474.24
RW - 2		02/05/05	3498.99	-	sheen	24.69	0.00	3474.30
RW - 2		02/08/05	3498.99	-	sheen	24.65	0.00	3474.34
RW - 2		02/11/05	3498.99	-	sheen	24.61	0.00	3474.38
RW - 2		02/15/05	3498.99	-	sheen	24.72	0.00	3474.27
RW - 2		02/18/05	3498.99	-	sheen	24.75	0.00	3474.24
RW - 2		02/22/05	3498.99	-	sheen	24.66	0.00	3474.33
RW - 2		02/25/05	3498.99	-	sheen	24.92	0.00	3474.07
RW - 2		03/01/05	3498.99	-	sheen	24.77	0.00	3474.22
RW - 2		03/04/05	3498.99	-	sheen	24.91	0.00	3474.08
RW - 2		03/08/05	3498.99	-	sheen	24.57	0.00	3474.42

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 2		03/10/05	3498.99	-	sheen	24.57	0.00	3474.42
RW - 2		03/11/05	3498.99	-	sheen	24.60	0.00	3474.39
RW - 2		03/15/05	3498.99	-	sheen	25.80	0.00	3473.19
RW - 2		03/19/05	3498.99	-	sheen	25.80	0.00	3473.19
RW - 2		03/22/05	3498.99	-	sheen	25.08	0.00	3473.91
RW - 2		03/28/05	3498.99	-	sheen	24.42	0.00	3474.57
RW - 2		04/01/05	3498.99	-	sheen	24.65	0.00	3474.34
RW - 2		04/05/05	3498.99	-	sheen	24.47	0.00	3474.52
RW - 2		04/08/05	3498.99	-	sheen	24.50	0.00	3474.49
RW - 2		04/12/05	3498.99	-	sheen	24.54	0.00	3474.45
RW - 2		04/15/05	3498.99	-	sheen	24.49	0.00	3474.50
RW - 2		05/25/05	3498.99	-	sheen	24.31	0.00	3474.68
RW - 2		06/03/05	3498.99	-	24.13	24.14	0.01	3474.86
RW - 2		06/06/05	3498.99	-	sheen	24.10	0.00	3474.89
RW - 2		06/10/05	3498.99	-	24.07	24.08	0.01	3474.92
RW - 2		06/13/05	3498.99	-	sheen	24.38	0.00	3474.61
RW - 2		06/20/05	3498.99	-	sheen	24.33	0.00	3474.66
RW - 2		06/24/05	3498.99	-	sheen	24.31	0.00	3474.68
RW - 2		06/27/05	3498.99	-	24.27	24.28	0.01	3474.72
RW - 2		07/18/05	3498.99	-	sheen	24.56	0.00	3474.43
RW - 2		07/25/05	3498.99	-	sheen	24.62	0.00	3474.37
RW - 2		08/01/05	3498.99	-	24.66	24.67	0.01	3474.33
RW - 2		08/10/05	3498.99	-	24.89	24.90	0.01	3474.10
RW - 2		08/16/05	3498.99	-	sheen	24.56	0.00	3474.43
RW - 2		08/23/05	3498.99	-	24.14	24.20	0.06	3474.84
RW - 2		08/29/05	3498.99	-	24.10	24.19	0.09	3474.88
RW - 2		09/06/05	3498.99	-	24.23	24.36	0.13	3474.74
RW - 2		09/09/05	3498.99	-	24.21	24.34	0.13	3474.76
RW - 2		09/12/05	3498.99	-	24.27	24.43	0.16	3474.70
RW - 2		09/19/05	3498.99	-	24.56	24.71	0.15	3474.41
RW - 2		09/27/05	3498.99	-	25.15	26.18	1.03	3473.69
RW - 2		10/03/05	3498.99	-	25.19	25.22	0.03	3473.80
RW - 2		10/10/05	3498.99	-	24.49	24.90	0.41	3474.44
RW - 2		10/17/05	3498.99	-	sheen	25.10	0.00	3473.89
RW - 2		10/24/05	3498.99	-	24.43	24.48	0.05	3474.55
RW - 2		11/01/05	3498.99	-	24.30	24.31	0.01	3474.69
RW - 2		11/08/05	3498.99	-	24.38	24.39	0.01	3474.61
RW - 2		11/15/05	3498.99	-	24.48	24.60	0.12	3474.49
RW - 2		11/22/05	3498.99	-	24.33	24.36	0.03	3474.66
RW - 2		11/27/05	3498.99	-	24.32	24.36	0.04	3474.66
RW - 2		12/05/05	3498.99	-	24.28	24.37	0.09	3474.70
RW - 2		12/07/05	3498.99	-	24.41	24.42	0.01	3474.58
RW - 2		12/16/05	3498.99	-	24.20	24.40	0.20	3474.76
RW - 2		12/29/05	3498.99	-	24.27	24.33	0.06	3474.71
RW - 2		01/03/06	3498.99	-	24.20	24.41	0.21	3474.76
RW - 2		01/09/06	3498.99	-	24.35	24.55	0.20	3474.61
RW - 2		01/16/06	3498.99	-	24.15	24.17	0.02	3474.84
RW - 2		01/23/06	3498.99	-	24.36	24.45	0.09	3474.62
RW - 2		01/30/06	3498.99	-	24.42	24.52	0.10	3474.56
RW - 2		02/07/06	3498.99	-	24.35	24.41	0.06	3474.63
RW - 2		02/09/06	3498.99	-	24.55	24.57	0.02	3474.44
RW - 2		02/14/06	3498.99	-	24.28	24.33	0.05	3474.70
RW - 2		02/21/06	3498.99	-	24.26	24.35	0.09	3474.72
RW - 2		02/27/06	3498.99	-	24.25	24.30	0.05	3474.73
RW - 2		03/06/06	3498.99	-	24.30	24.37	0.07	3474.68
RW - 2		03/09/06	3498.99	-	24.18	24.29	0.11	3474.79
RW - 2		03/17/06	3498.99	-	24.53	24.54	0.01	3474.46
RW - 2		03/21/06	3498.99	-	24.48	24.54	0.06	3474.50
RW - 2		03/28/06	3498.99	-	24.50	24.55	0.05	3474.48
RW - 2		04/03/06	3498.99	-	24.50	24.54	0.04	3474.48
RW - 2		04/10/06	3498.99	-	sheen	24.21	0.00	3474.78
RW - 2		04/17/06	3498.99	-	sheen	24.20	0.00	3474.79
RW - 2		05/01/06	3498.99	-	sheen	24.28	0.00	3474.71

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 2		05/08/06	3498.99	-	24.19	24.21	0.02	3474.80
RW - 2		05/15/06	3498.99	-	24.42	24.43	0.01	3474.57
RW - 2		06/01/06	3498.99	-	sheen	24.61	0.00	3474.38
RW - 2		06/05/06	3498.99	-	sheen	24.50	0.00	3474.49
RW - 2		06/08/06	3498.99	-	24.68	24.70	0.02	3474.31
RW - 2		06/12/06	3498.99	-	sheen	25.83	0.00	3473.16
RW - 2		06/19/06	3498.99	-	24.83	24.88	0.05	3474.15
RW - 2		07/03/06	3498.99	-	sheen	25.00	0.00	3473.99
RW - 2		07/10/06	3498.99	-	24.90	24.96	0.06	3474.08
RW - 2		07/17/06	3498.99	-	24.56	24.58	0.02	3474.43
RW - 2		07/26/06	3498.99	-	24.83	24.87	0.04	3474.15
RW - 2		07/31/06	3498.99	-	24.91	24.99	0.08	3474.07
RW - 2		08/07/06	3498.99	-	26.11	26.29	0.18	3472.85
RW - 2		08/17/06	3498.99	-	24.73	24.77	0.04	3474.25
RW - 2		08/21/06	3498.99	-	24.55	24.57	0.02	3474.44
RW - 2		09/06/06	3498.99	-	24.05	24.09	0.04	3474.93
RW - 2		09/11/06	3498.99	-	24.14	24.21	0.07	3474.84
RW - 2		09/15/06	3498.99	-	24.16	24.20	0.04	3474.82
RW - 2		10/02/06	3498.99	-	24.19	24.21	0.02	3474.80
RW - 2		10/09/06	3498.99	-	24.27	24.34	0.07	3474.71
RW - 2		10/17/06	3498.99	-	24.25	24.31	0.06	3474.73
RW - 2		10/23/06	3498.99	-	sheen	24.30	0.00	3474.69
RW - 2		10/30/06	3498.99	-	sheen	24.26	0.00	3474.73
RW - 2		11/06/06	3498.99	-	sheen	24.24	0.00	3474.75
RW - 2		11/13/06	3498.99	-	sheen	24.21	0.00	3474.78
RW - 2		11/20/06	3498.99	-	sheen	24.29	0.00	3474.70
RW - 2		11/27/06	3498.99	-	sheen	24.25	0.00	3474.74
RW - 2		11/29/06	3498.99	-	sheen	24.26	0.00	3474.73
RW - 2		12/04/06	3498.99	-	sheen	24.28	0.00	3474.71
RW - 2		12/12/06	3498.99	-	sheen	24.29	0.00	3474.70
RW - 2		12/18/06	3498.99	-	sheen	24.45	0.00	3474.54
RW - 2		01/04/07	3498.99	-	sheen	24.21	0.00	3474.78
RW - 2		01/11/07	3498.99	-	sheen	24.25	0.00	3474.74
RW - 2		01/18/07	3498.99	-	sheen	24.41	0.00	3474.58
RW - 2		01/22/07	3498.99	-	sheen	24.40	0.00	3474.59
RW - 2		01/31/07	3498.99	-	sheen	24.12	0.00	3474.87
RW - 2		02/07/07	3498.99	-	24.21	24.24	0.03	3474.78
RW - 2		02/14/07	3498.99	-	24.19	24.20	0.01	3474.80
RW - 2		02/26/07	3498.99	-	sheen	24.19	0.00	3474.80
RW - 2		03/07/07	3498.99	-	24.30	24.39	0.09	3474.68
RW - 2		04/03/07	3498.99	-	24.12	24.18	0.06	3474.86
RW - 2		04/09/07	3498.99	-	24.89	24.90	0.01	3474.10
RW - 2		04/17/07	3498.99	-	23.96	23.98	0.02	3475.03
RW - 2		05/01/07	3498.99	-	sheen	24.00	0.00	3474.99
RW - 2		05/07/07	3498.99	-	sheen	24.01	0.00	3474.98
RW - 2		05/21/07	3498.99	-	sheen	23.69	0.00	3475.30
RW - 2		07/03/07	3498.99	-	sheen	25.02	0.00	3473.97
RW - 2		07/30/07	3498.99	-	sheen	24.22	0.00	3474.77
RW - 2		08/06/07	3498.99	-	sheen	24.33	0.00	3474.66
RW - 2		08/16/07	3498.99	-	sheen	24.46	0.00	3474.53
RW - 2		09/13/07	3498.99	-	sheen	24.02	0.00	3474.97
RW - 2		09/18/07	3498.99	-	sheen	23.89	0.00	3475.10
RW - 2		09/24/07	3498.99	-	sheen	24.00	0.00	3474.99
RW - 2		10/01/07	3498.99	-	sheen	24.06	0.00	3474.93
RW - 2		10/08/07	3498.99	-	sheen	24.12	0.00	3474.87
RW - 2		10/15/07	3498.99	-	sheen	24.55	0.00	3474.44
RW - 2		11/07/07	3498.99	-	sheen	24.24	0.00	3474.75
RW - 2		12/14/07	3498.99	-	sheen	24.21	0.00	3474.78
RW - 2		01/09/08	3498.99	-	-	24.01	0.00	3474.98
RW - 2		01/16/08	3498.99	-	-	24.21	0.00	3474.78
RW - 2		01/23/08	3498.99	-	-	24.57	0.00	3474.42
RW - 2		02/08/08	3498.99	-	-	24.57	0.00	3474.42
RW - 2		02/12/08	3498.99	-	-	24.22	0.00	3474.77

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 2		02/22/08	3498.99	-	-	24.25	0.00	3474.74
RW - 2		03/05/08	3498.99	-	-	24.24	0.00	3474.75
RW - 2		05/14/08	3498.99	-	-	24.37	0.00	3474.62
RW - 2		06/23/08	3498.99	-	-	25.07	0.00	3473.92
RW - 2		08/18/08	3498.99	-	-	25.45	0.00	3473.54
RW - 2		09/17/08	3498.99	-	-	24.98	0.00	3474.01
RW - 2		09/29/08	3498.99	-	-	24.90	0.00	3474.09
RW - 2		10/06/08	3498.99	-	sheen	24.94	0.00	3474.05
RW - 2		10/13/08	3498.99	-	sheen	25.09	0.00	3473.90
RW - 2		10/20/08	3498.99	-	sheen	24.79	0.00	3474.20
RW - 2		10/29/08	3498.99	-	sheen	24.76	0.00	3474.23
RW - 2		11/05/08	3498.99	-	sheen	24.82	0.00	3474.17
RW - 2		11/10/08	3498.99	-	sheen	24.82	0.00	3474.17
RW - 2		11/13/08	3498.99	-	sheen	24.71	0.00	3474.28
RW - 2		12/03/08	3498.99	-	sheen	24.90	0.00	3474.09
RW - 2		12/16/08	3498.99	-	sheen	24.89	0.00	3474.10
RW - 2		12/30/08	3498.99	-	sheen	24.74	0.00	3474.25
RW - 2		01/06/09	3498.99	-		-	-	-
RW - 2		02/11/09	3498.99	-	-	24.84	0.00	3474.15
RW - 2		02/24/09	3498.99	-	-	24.90	0.00	3474.09
RW - 2		03/04/09	3498.99	-	-	24.91	0.00	3474.08
RW - 2		03/17/09	3498.99	-	-	24.92	0.00	3474.07
RW - 2		03/25/09	3498.99	-	-	24.79	0.00	3474.20
RW - 2		04/08/09	3498.99	-	-	24.89	0.00	3474.10
RW - 2		04/15/09	3498.99	-	-	24.91	0.00	3474.08
RW - 2		04/29/09	3498.99	-	-	24.92	0.00	3474.07
RW - 2		05/13/09	3498.99	-	-	24.90	0.00	3474.09
RW - 2		06/01/09	3498.99	-	-	25.26	0.00	3473.73
RW - 2		06/10/09	3498.99	-	-	24.91	0.00	3474.08
RW - 2		06/12/09	3498.99	-	-	25.21	0.00	3473.78
RW - 2		06/18/09	3498.99	-	-	24.93	0.00	3474.06
RW - 2		06/24/09	3498.99	-	-	25.34	0.00	3473.65
RW - 2		07/02/09	3498.99	-	-	25.47	0.00	3473.52
RW - 2		07/08/09	3498.99	-	-	24.83	0.00	3474.16
RW - 2		07/14/09	3498.99	-	-	25.58	0.00	3473.41
RW - 2		07/20/09	3498.99	-	-	25.59	0.00	3473.40
RW - 2		07/27/09	3498.99	-	-	25.60	0.00	3473.39
RW - 2		08/03/09	3498.99	-	-	26.65	0.00	3472.34
RW - 2		08/10/09	3498.99	-	-	25.72	0.00	3473.27
RW - 2		08/11/09	3498.99	-	-	25.72	0.00	3473.27
RW - 2		08/18/09	3498.99	-	-	25.70	0.00	3473.29
RW - 2		08/24/09	3498.99	-	-	25.74	0.00	3473.25
RW - 2		08/31/09	3498.99	-	-	25.86	0.00	3473.13
RW - 2		09/03/09	3498.99	-	-	25.80	0.00	3473.19
RW - 2		09/08/09	3498.99	-	-	25.93	0.00	3473.06
RW - 2		09/10/09	3498.99	-	-	21.00	0.00	3477.99
RW - 2		09/16/09	3498.99	-	-	25.92	0.00	3473.07
RW - 2		09/22/09	3498.99	-	-	26.12	0.00	3472.87
RW - 2		09/29/09	3498.99	-	-	25.62	0.00	3473.37
RW - 2		10/02/09	3498.99	-	-	26.02	0.00	3472.97
RW - 2		10/07/09	3498.99	-	-	25.98	0.00	3473.01
RW - 2		10/12/09	3498.99	-	-	24.83	0.00	3474.16
RW - 2		10/16/09	3498.99	-	-	21.01	0.00	3477.98
RW - 2		10/20/09	3498.99	-	-	24.82	0.00	3474.17
RW - 2		10/26/09	3498.99	-	-	24.82	0.00	3474.17
RW - 2		10/28/09	3498.99	-	-	25.94	0.00	3473.05
RW - 2		11/04/09	3498.99	-	-	26.12	0.00	3472.87
RW - 2		11/12/09	3498.99	-	-	26.36	0.00	3472.63
RW - 2		11/23/09	3498.99	-	-	25.99	0.00	3473.00
RW - 2		12/03/09	3498.99	-	-	26.10	0.00	3472.89
RW - 2		12/16/09	3498.99	-	-	26.13	0.00	3472.86
RW - 2		12/21/09	3498.99	-	-	26.01	0.00	3472.98
RW - 2		12/28/09	3498.99	-	-	24.84	0.00	3474.15

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 2		01/05/10	3498.99	-	-	26.07	0.00	3472.92
RW - 2		01/20/10	3498.99	-	-	24.83	0.00	3474.16
RW - 2		01/25/10	3498.99	-	-	24.81	0.00	3474.18
RW - 2		01/27/10	3498.99	-	-	26.10	0.00	3472.89
RW - 2		02/10/10	3498.99	-	-	26.08	0.00	3472.91
RW - 2		03/01/10	3498.99	-	-	24.80	0.00	3474.19
RW - 2		03/09/10	3498.99	-	-	26.06	0.00	3472.93
RW - 2		03/11/10	3498.99	-	-	26.13	0.00	3472.86
RW - 2		05/25/10	3498.99	-	-	26.51	0.00	3472.48
RW - 2		06/07/10	3498.99	-	-	26.63	0.00	3472.36
RW - 2		06/12/10	3498.99	-	-	26.73	0.00	3472.26
RW - 2		06/25/10	3498.99	-	-	26.86	0.00	3472.13
RW - 2		07/07/10	3498.99	-	-	26.60	0.00	3472.39
RW - 2		07/12/10	3498.99	-	-	26.20	0.00	3472.79
RW - 2		07/26/10	3498.99	-	-	-	0.00	-
RW - 2		08/03/10	3498.99	-	-	25.95	0.00	3473.04
RW - 2		08/13/10	3498.99	-	-	25.90	0.00	3473.09
RW - 2		08/19/10	3498.99	-	-	25.87	0.00	3473.12
RW - 2		08/25/10	3498.99	-	-	25.87	0.00	3473.12
RW - 2		09/01/10	3498.99	-	-	25.11	0.00	3473.88
RW - 2		09/09/10	3498.99	-	-	25.86	0.00	3473.13
RW - 2		09/13/10	3498.99	-	-	25.91	0.00	3473.08
RW - 2		09/29/10	3498.99	-	-	25.87	0.00	3473.12
RW - 2		10/05/10	3498.99	-	-	25.90	0.00	3473.09
RW - 2		10/25/10	3498.99	-	-	25.91	0.00	3473.08
RW - 2		11/03/10	3498.99	-	sheen	25.91	0.00	3473.08
RW - 2		11/10/10	3498.99	-	sheen	26.00	0.00	3472.99
RW - 2		11/18/10	3498.99	-	sheen	26.00	0.00	3472.99
RW - 2		12/09/10	3498.99	-	sheen	25.95	0.00	3473.04
RW - 2		01/18/11	3498.99	-	sheen	26.01	0.00	3472.98
RW - 2		02/22/11	3498.99	-	sheen	26.03	0.00	3472.96
RW - 2		03/01/11	3498.99	-	sheen	26.22	0.00	3472.77
RW - 2		03/07/11	3498.99	-	sheen	26.07	0.00	3472.92
RW - 2		03/22/11	3498.99	-	sheen	26.04	0.00	3472.95
RW - 2		04/27/11	3498.99	-	sheen	26.35	0.00	3472.64
RW - 2		05/05/11	3498.99	-	sheen	26.33	0.00	3472.66
RW - 2		05/10/11	3498.99	-	-	26.35	0.00	3472.64
RW - 2		05/17/11	3498.99	-	-	26.31	0.00	3472.68
RW - 2		05/17/11	3498.99	-	sheen	26.31	0.00	3472.68
RW - 2		05/24/11	3498.99	-	sheen	26.28	0.00	3472.71
RW - 2		06/07/11	3498.99	-	-	26.40	0.00	3472.59
RW - 2		06/14/11	3498.99	-	-	26.60	0.00	3472.39
RW - 2		06/23/11	3498.99	-	-	26.40	0.00	3472.59
RW - 2		06/28/11	3498.99	-	-	26.69	0.00	3472.30
RW - 2		07/06/11	3498.99	-	sheen	27.10	0.00	3471.89
RW - 2		07/14/11	3498.99	-	sheen	27.09	0.00	3471.90
RW - 2		07/27/11	3498.99	-	-	27.05	0.00	3471.94
RW - 2		08/11/11	3498.99	-	-	27.40	0.00	3471.59
RW - 2		08/18/11	3498.99	-	-	27.35	0.00	3471.64
RW - 2		08/25/11	3498.99	-	-	27.42	0.00	3471.57
RW - 2		09/02/11	3498.99	-	-	27.54	0.00	3471.45
RW - 2		09/09/11	3498.99	-	-	27.56	0.00	3471.43
RW - 2		11/08/11	3498.99	-	-	27.60	0.00	3471.39
RW - 2		12/28/11	3498.99	-	-	27.51	0.00	3471.48
RW - 2		01/05/12	3498.99	-	-	27.49	0.00	3471.50
RW - 2		01/18/12	3498.99	-	-	27.34	0.00	3471.65
RW - 2		01/27/12	3498.99	-	-	27.44	0.00	3471.55
RW - 2		02/02/12	3498.99	-	-	27.35	0.00	3471.64
RW - 2		02/10/12	3498.99	-	-	27.44	0.00	3471.55
RW - 2		02/15/12	3498.99	-	-	26.66	0.00	3472.33
RW - 2		03/01/12	3498.99	-	-	27.21	0.00	3471.78
RW - 2		03/07/12	3498.99	-	-	27.30	0.00	3471.69
RW - 2		03/14/12	3498.99	-	-	27.38	0.00	3471.61

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 2		03/19/12	3498.99	-	-	27.34	0.00	3471.65
RW - 2		03/26/12	3498.99	-	-	27.26	0.00	3471.73
RW - 2		04/04/12	3498.99	-	-	27.27	0.00	3471.72
RW - 2		04/11/12	3498.99	-	-	27.27	0.00	3471.72
RW - 2		04/25/12	3498.99	-	-	27.20	0.00	3471.79
RW - 2		05/23/12	3498.99	-	-	27.23	0.00	3471.76
RW - 2		05/31/12	3498.99	-	-	27.35	0.00	3471.64
RW - 2		06/06/12	3498.99	-	-	27.49	0.00	3471.50
RW - 2		06/13/12	3498.99	-	-	27.65	0.00	3471.34
RW - 2		06/20/12	3498.99	-	-	27.61	0.00	3471.38
RW - 2		07/18/12	3498.99	-	-	27.52	0.00	3471.47
RW - 2		08/02/12	3498.99	-	-	27.96	0.00	3471.03
RW - 2		08/09/12	3498.99	-	-	28.01	0.00	3470.98
RW - 2		08/16/12	3498.99	-	-	28.09	0.00	3470.90
RW - 2		10/02/12	3498.99	-	-	28.30	0.00	3470.69
RW - 2		10/10/12	3498.99	-	-	28.07	0.00	3470.92
RW - 2		10/17/12	3498.99	-	-	28.01	0.00	3470.98
RW - 2		10/26/12	3498.99	-	-	28.26	0.00	3470.73
RW - 2		11/01/12	3498.99	-	-	27.25	0.00	3471.74
RW - 2		11/19/12	3498.99	-	-	27.83	0.00	3471.16
RW - 2		12/13/12	3498.99	-	-	27.92	0.00	3471.07
RW - 2		12/18/12	3498.99	-	-	27.68	0.00	3471.31
RW - 2		01/08/13	3498.99	-	-	27.71	0.00	3471.28
RW - 2		01/16/13	3498.99	-	-	27.80	0.00	3471.19
RW - 2		01/24/13	3498.99	-	-	27.82	0.00	3471.17
RW - 2		01/30/13	3498.99	-	-	27.86	0.00	3471.13
RW - 2		02/12/13	3498.99	-	-	27.81	0.00	3471.18
RW - 2		03/19/13	3498.99	-	27.72	27.73	0.01	3471.27
RW - 2		04/02/13	3498.99	-	-	27.69	0.00	3471.30
RW - 2		04/08/13	3498.99	-	-	27.54	0.00	3471.45
RW - 2		04/16/13	3498.99	-	27.64	27.67	0.03	3471.35
RW - 2		04/23/13	3498.99	-	-	27.87	0.00	3471.12
RW - 2		05/01/13	3498.99	-	-	27.87	0.00	3471.12
RW - 2		05/08/13	3498.99	-	-	27.71	0.00	3471.28
RW - 2		05/15/13	3498.99	-	-	27.71	0.00	3471.28
RW - 2		05/17/13	3498.99	-	-	27.72	0.00	3471.27
RW - 2		05/23/13	3498.99	-	-	27.78	0.00	3471.21
RW - 2		05/29/13	3498.99	-	-	27.79	0.00	3471.20
RW - 2		06/12/13	3498.99	-	-	28.12	0.00	3470.87
RW - 2		06/19/13	3498.99	-	-	28.14	0.00	3470.85
RW - 2		06/27/13	3498.99	-	-	28.39	0.00	3470.60
RW - 2		07/02/13	3498.99	-	-	28.34	0.00	3470.65
RW - 2		07/08/13	3498.99	-	-	28.40	0.00	3470.59
RW - 2		07/15/13	3498.99	-	-	28.50	0.00	3470.49
RW - 2		07/23/13	3498.99	-	-	28.32	0.00	3470.67
RW - 2		07/29/13	3498.99	-	-	28.32	0.00	3470.67
RW - 2		08/07/13	3498.99	40.23	-	28.39	0.00	3470.60
RW - 2		08/15/13	3498.99	-	-	28.39	0.00	3470.60
RW - 2		08/20/13	3498.99	-	-	28.40	0.00	3470.59
RW - 2		08/28/13	3498.99	-	-	28.53	0.00	3470.46
RW - 2		09/05/13	3498.99	-	-	28.71	0.00	3470.28
RW - 2		09/09/13	3498.99	-	-	28.56	0.00	3470.43
RW - 2		09/18/13	3498.99	-	-	28.73	0.00	3470.26
RW - 2		09/28/13	3498.99	-	-	28.72	0.00	3470.27
RW - 2		10/01/13	3498.99	-	-	28.61	0.00	3470.38
RW - 2		10/08/13	3498.99	-	-	28.63	0.00	3470.36
RW - 2		10/14/13	3498.99	-	-	28.64	0.00	3470.35
RW - 2		10/23/13	3498.99	-	-	28.51	0.00	3470.48
RW - 2		10/29/13	3498.99	-	-	28.44	0.00	3470.55
RW - 2		11/16/13	3498.99	-	-	28.27	0.00	3470.72
RW - 2		11/27/13	3498.99	39.87	-	28.29	0.00	3470.70
RW - 2		12/02/13	3498.99	-	-	28.15	0.00	3470.84
RW - 2		12/14/13	3498.99	-	-	28.39	0.00	3470.60

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 2		12/19/13	3498.99	-	-	28.06	0.00	3470.93
RW - 2		12/24/13	3498.99	-	-	28.29	0.00	3470.70
RW - 2		01/02/14	3498.99	-	-	28.32	0.00	3470.67
RW - 2		01/07/14	3498.99	-	-	28.13	0.00	3470.86
RW - 2		01/14/14	3498.99	-	-	28.34	0.00	3470.65
RW - 2		01/21/14	3498.99	-	-	28.09	0.00	3470.90
RW - 2		01/31/14	3498.99	-	-	28.17	0.00	3470.82
RW - 2	John F.	02/10/14	3498.99	39.77	-	28.18	0.00	3470.81
RW - 2	John F.	02/27/14	3498.99	-	-	28.05	0.00	3470.94
RW - 2	John & Jose	03/06/14	3498.99	-	-	28.09	0.00	3470.90
RW - 2	John & Jose	03/13/14	3498.99	-	-	28.24	0.00	3470.75
RW - 2	David F.	03/25/14	3498.99	-	-	28.33	0.00	3470.66
RW - 2	Baer & Justin	04/03/14	3498.99	-	-	28.16	0.00	3470.83
RW - 2	Manny & Chanc	04/07/14	3498.99	-	-	-	-	-
RW - 2	Manny & Chanc	04/14/14	3498.99	-	28.21	28.25	0.04	3470.77
RW - 2	Manny & Chanc	04/23/14	3498.99	-	27.94	27.96	0.02	3471.05
RW - 2	Jose	04/28/14	3498.99	-	28.09	28.20	0.11	3470.88
RW - 2	Jose	05/05/14	3498.99	-	28.04	28.27	0.23	3470.92
RW - 2	Manny	05/14/14	3498.99	-	28.15	28.25	0.10	3470.83
RW - 2	David F.	05/22/14	3498.99	-	28.08	28.24	0.16	3470.89
RW - 2	Manny	05/28/14	3498.99	-	28.23	28.51	0.28	3470.72
RW - 2	Manny	06/02/14	3498.99	-	28.34	28.55	0.21	3470.62
RW - 2	Manny	06/12/14	3498.99	-	28.62	28.82	0.20	3470.34
RW - 2	Manny	06/17/14	3498.99	-	28.64	28.75	0.11	3470.33
RW - 2	Manny	06/25/14	3498.99	-	28.71	28.83	0.12	3470.26
RW - 2	Manny	06/30/14	3498.99	-	28.77	28.85	0.08	3470.21
RW - 2	Manny	07/11/14	3498.99	-	28.89	29.10	0.21	3470.07
RW - 2	Manny	07/14/14	3498.99	-	28.86	29.00	0.14	3470.11
RW - 2	Manny	07/22/14	3498.99	-	28.86	29.03	0.17	3470.10
RW - 2	Manny	07/23/14	3498.99	-	28.86	29.03	0.17	3470.10
RW - 2	Manny	08/05/14	3498.99	-	29.00	29.14	0.14	3469.97
RW - 2	Manny	08/12/14	3498.99	-	29.03	29.13	0.10	3469.95
RW - 2	David F.	08/13/14	3498.99	-	28.98	29.07	0.09	3470.00
RW - 2	David F.	08/27/14	3498.99	-	29.15	29.19	0.04	3469.83
RW - 2	Manny	09/17/14	3498.99	-	-	28.70	0.00	3470.29
RW - 2	Manny	09/23/14	3498.99	-	-	28.39	0.00	3470.60
RW - 2	Manny	10/10/14	3498.99	-	-	27.70	0.00	3471.29
RW - 2	Manny	10/15/14	3498.99	-	-	27.60	0.00	3471.39
RW - 2		10/27/14	3498.99	-	-	27.38	0.00	3471.61
RW - 2	Chance	10/28/14	3498.99	-	-	-	-	-
RW - 2	Manny	11/04/14	3498.99	-	-	27.70	0.00	3471.29
RW - 2	Manny	11/04/14	3498.99	-	-	27.70	0.00	3471.29
RW-2	Manny	11/06/14	3498.99	39.65	-	27.49	0.00	3471.50
RW - 2	Manny	11/11/14	3498.99	-	27.34	27.39	0.05	3471.64
RW - 2	Chance	11/18/14	3498.99	-	27.29	27.35	0.06	3471.69
RW - 2	Manny	12/02/14	3498.99	-	-	27.14	0.00	3471.85
RW - 2	Manny	12/09/14	3498.99	-	-	27.10	0.00	3471.89
RW - 2	Carlos	12/17/14	3498.99	-	-	26.98	0.00	3472.01
RW - 2	Manny	12/23/14	3498.99	-	27.12	27.15	0.03	3471.87
RW - 2	Manny	12/30/14	3498.99	-	27.21	27.30	0.09	3471.77
RW - 2	Carlos	01/09/15	3498.99	-	27.08	27.10	0.02	3471.91
RW - 2	Manny	01/13/15	3498.99	-	27.05	27.08	0.03	3471.94
RW - 2	Manny	01/16/15	3498.99	-	26.94	26.96	0.02	3472.05
RW - 2	Manny	01/21/15	3498.99	-	-	27.12	0.00	3471.87
RW - 2	Manny	01/26/15	3498.99	-	-	27.19	0.00	3471.80
RW - 2	Manny	02/03/15	3498.99	-	27.11	27.12	0.01	3471.88
RW - 2	Carlos	02/05/15	3498.99	-	27.09	27.10	0.01	3471.90
RW - 2	Carlos	02/16/15	3498.99	-	27.06	27.07	0.01	3471.93
RW - 2	Manny	02/17/15	3498.99	39.69	-	27.11	0.00	3471.88
RW - 2	Manny/Art	03/04/15	3498.99	-	-	27.00	0.00	3471.99
RW - 2	Manny	03/10/15	3498.99	-	-	27.05	0.00	3471.94
RW - 2	Manny	03/17/15	3498.99	39.69	-	27.11	0.00	3471.88
RW - 2	Matt	03/23/15	3498.99	-	-	26.93	0.00	3472.06

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 2	Manny	03/25/15	3498.99	-	-	26.95	0.00	3472.04
RW - 2	Manny/Art	03/12/15	3498.99	-	-	27.07	0.00	3471.92
RW - 2	Manny	03/16/15	3498.99	39.69	-	27.03	0.00	3471.96
RW - 2	Manny	03/25/15	3498.99	-	-	26.95	0.00	3472.04
RW - 2	Manny	03/31/15	3498.99	-	-	26.92	0.00	3472.07
RW - 2	Manny	04/03/15	3498.99	-	-	26.93	0.00	3472.06
RW - 2	Carlos/Matt	04/06/15	3498.99	-	-	26.68	0.00	3472.31
RW - 2	Manny	04/09/15	3498.99	-	-	26.86	0.00	3472.13
RW - 2	Manny	04/13/15	3498.99	-	-	26.81	0.00	3472.18
RW - 2	Manny/Art	04/16/15	3498.99	-	-	26.73	0.00	3472.26
RW - 2	Manny	04/22/15	3498.99	-	-	26.67	0.00	3472.32
RW - 2	Manny/Art	04/24/15	3498.99	-	-	26.61	0.00	3472.38
RW - 2	Arthur	05/01/15	3498.99	-	-	25.93	0.00	3473.06
RW - 2	Matt	05/11/15	3498.99	-	-	26.74	0.00	3472.25
RW - 2	Manny	05/14/15	3498.99	39.60	-	26.64	0.00	3472.35
RW - 2	Manny/Arthur	05/21/15	3498.99	-	-	26.62	0.00	3472.37
RW - 2	Arthur	05/29/15	3498.99	-	-	26.56	0.00	3472.43
RW - 2	Manny	06/03/15	3498.99	-	-	26.52	0.00	3472.47
RW - 2	Manny	06/04/15	3498.99	-	-	26.62	0.00	3472.37
RW - 2	Manny	06/09/15	3498.99	-	-	26.58	0.00	3472.41
RW - 2	Carlos	06/17/15	3498.99	-	26.60	26.61	0.01	3472.39
RW - 2	Manny	06/18/15	3498.99	-	-	26.69	0.00	3472.30
RW - 2	Carlos	06/23/15	3498.99	-	-	26.69	0.00	3472.30
RW - 2	Carlos	06/29/15	3498.99	-	-	26.72	0.00	3472.27
RW - 2	Manny	07/01/15	3498.99	-	-	26.73	0.00	3472.26
RW - 2	Manny	07/07/15	3498.99	-	-	26.85	0.00	3472.14
RW - 2	Manny/ Arthur	07/09/15	3498.99	-	-	26.73	0.00	3472.26
RW - 2	Manny/ Arthur	07/13/15	3498.99	-	-	26.72	0.00	3472.27
RW - 2	Manny	07/15/15	3498.99	-	-	26.77	0.00	3472.22
RW - 2	Carlos/Matt	07/20/15	3498.99	-	-	26.85	0.00	3472.14
RW - 2	Arthur	07/21/15	3498.99	-	-	26.91	0.00	3472.08
RW - 2	Manny/Arthur	07/28/15	3498.99	-	-	26.97	0.00	3472.02
RW - 2	Manny	07/30/15	3498.99	-	-	27.01	0.00	3471.98
RW - 2	Carlos	08/03/15	3498.99	-	-	27.01	0.00	3471.98
RW - 2	Manny/Arthur	08/04/15	3498.99	39.56	-	27.00	0.00	3471.99
RW - 2	Manny	08/07/15	3498.99	-	-	27.08	0.00	3471.91
RW - 2	Manny	08/11/15	3498.99	-	-	27.08	0.00	3471.91
RW - 2	Carlos	08/12/15	3498.99	-	-	27.07	0.00	3471.92
RW - 2	Carlos	08/18/15	3498.99	-	-	27.01	0.00	3471.98
RW - 2	Manny	08/20/15	3498.99	-	-	27.15	0.00	3471.84
RW - 2	Manny	08/25/15	3498.99	-	-	27.20	0.00	3471.79
RW - 2	Carlos	08/26/15	3498.99	-	-	27.13	0.00	3471.86
RW - 2	Manny	08/31/15	3498.99	-	-	27.09	0.00	3471.90
RW - 2	Manny/Arthur	09/02/15	3498.99	-	-	27.09	0.00	3471.90
RW - 2	Carlos	10/22/15	3498.99	-	-	26.98	0.00	3472.01
RW - 2	Manny	10/27/15	3498.99	-	-	26.96	0.00	3472.03
RW - 2	Manny	11/05/15	3498.99	-	-	26.89	0.00	3472.10
RW - 2	Carlos	11/11/15	3498.99	-	-	26.87	0.00	3472.12
RW - 2	Manny	11/17/15	3498.99	39.55	-	26.81	0.00	3472.18
RW - 2	Manny	12/01/15	3498.99	-	-	26.82	0.00	3472.17
RW - 2	Carlos	12/03/15	3498.99	-	-	26.65	0.00	3472.34
RW - 2	Carlos	12/09/15	3498.99	-	-	26.61	0.00	3472.38
RW - 2	Manny	01/06/16	3498.99	-	-	26.67	0.00	3472.32
RW - 2	Manny	01/11/16	3498.99	-	-	26.76	0.00	3472.23
RW - 2	Carlos	01/13/16	3498.99	-	-	26.62	0.00	3472.37
RW - 2	Manny	01/15/16	3498.99	-	-	26.54	0.00	3472.45
RW - 2	Manny	01/27/16	3498.99	-	-	26.65	0.00	3472.34
RW - 2	Carlos	01/29/16	3498.99	-	-	26.44	0.00	3472.55
RW - 2	Carlos	02/02/16	3498.99	-	-	26.48	0.00	3472.51
RW - 2	Carlos	02/04/16	3498.99	-	-	26.49	0.00	3472.50
RW - 2	Manny	02/10/16	3498.99	39.55	-	26.55	0.00	3472.44
RW - 2	Carlos	02/17/16	3498.99	-	-	26.42	0.00	3472.57
RW - 2	Manny	02/19/16	3498.99	-	-	26.54	0.00	3472.45

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LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 2	James	03/03/16	3498.99	-	26.49	26.51	0.02	3472.50
RW - 2	Manny	03/10/16	3498.99	-	26.40	26.46	0.06	3472.58
RW - 2	Carlos	03/11/16	3498.99	-	-	26.42	0.00	3472.57
RW - 2	Manny	03/14/16	3498.99	-	-	26.51	0.00	3472.48
RW - 2	Manny	03/16/16	3498.99	-	-	26.52	0.00	3472.47
RW - 2	Manny	03/21/16	3498.99	-	-	26.43	0.00	3472.56
RW - 2	Manny	03/29/16	3498.99	-	-	26.46	0.00	3472.53
RW - 2	Manny	04/12/16	3498.99	-	-	26.35	0.00	3472.64
RW - 2	Manny	04/15/16	3498.99	-	-	26.16	0.00	3472.83
RW - 2	Manny	04/19/16	3498.99	-	-	26.26	0.00	3472.73
RW - 2	Manny	04/29/16	3498.99	-	-	26.26	0.00	3472.73
RW - 2	Carlos	05/04/16	3498.99	-	-	26.24	0.00	3472.75
RW - 2	Manny	05/13/16	3498.99	-	-	26.54	0.00	3472.45
RW - 2	Manny	05/18/16	3498.99	-	-	26.32	0.00	3472.67
RW - 2	Manny	05/25/16	3498.99	39.55	-	26.37	0.00	3472.62
RW - 2	Carlos	06/02/16	3498.99	-	-	26.60	0.00	3472.39
RW - 2	Carlos	06/06/16	3498.99	-	-	26.59	0.00	3472.40
RW - 2	Manny	06/28/16	3498.99	-	-	26.89	0.00	3472.10
RW - 2	Carlos	07/05/16	3498.99	-	-	26.96	0.00	3472.03
RW - 2	Carlos	07/14/16	3498.99	-	-	27.11	0.00	3471.88
RW - 2	Carlos	07/21/16	3498.99	-	-	27.39	0.00	3471.60
RW - 2	Carlos	07/25/16	3498.99	-	-	27.40	0.00	3471.59
RW - 2	Carlos	08/01/16	3498.99	-	-	27.52	0.00	3471.47
RW - 2	Carlos	08/09/16	3498.99	-	-	27.66	0.00	3471.33
RW - 2	Wes	08/15/16	3498.99	-	-	27.64	0.00	3471.35
RW - 2	Manny/ Wes	08/18/16	3498.99	39.65	-	27.59	0.00	3471.40
RW - 2	Carlos	08/22/16	3498.99	-	-	27.46	0.00	3471.53
RW - 2	Carlos	08/31/16	3498.99	-	-	27.16	0.00	3471.83
RW - 2	Carlos	09/06/16	3498.99	-	-	26.97	0.00	3472.02
RW - 2	Carlos	09/12/16	3498.99	-	-	26.55	0.00	3472.44
RW - 2	Carlos	09/19/16	3498.99	-	-	26.35	0.00	3472.64
RW - 2	Wesley	09/26/16	3498.99	-	-	26.12	0.00	3472.87
RW - 2	Manny	10/06/16	3498.99	-	-	25.85	0.00	3473.14
RW - 2	Carlos	10/17/16	3498.99	-	-	25.61	0.00	3473.38
RW - 2	Wesley	10/25/16	3498.99	39.40	-	25.62	0.00	3473.37
RW - 2	Carlos	11/03/16	3498.99	-	-	25.72	0.00	3473.27
RW - 2	Carlos	11/08/16	3498.99	-	-	25.66	0.00	3473.33
RW - 2	Carlos	11/15/16	3498.99	-	-	25.55	0.00	3473.44
RW - 2	Manny	11/22/16	3498.99	39.45	-	25.50	0.00	3473.49
RW - 2	Carlos	12/05/16	3498.99	-	-	25.49	0.00	3473.50
RW - 2	Wesley	12/13/16	3498.99	-	-	25.52	0.00	3473.47
RW - 2	Carlos	12/22/16	3498.99	-	-	22.56	0.00	3476.43
RW - 2	Carlos	12/27/16	3498.99	-	-	25.61	0.00	3473.38
RW - 2	Carlos	01/04/17	3498.99	-	-	25.51	0.00	3473.48
RW - 2	Carlos	01/13/17	3498.99	-	-	25.72	0.00	3473.27
RW - 2	Carlos	01/17/17	3498.99	-	-	25.65	0.00	3473.34
RW - 2	Carlos	01/24/17	3498.99	-	-	25.52	0.00	3473.47
RW - 2	Carlos	01/31/17	3498.99	-	-	25.55	0.00	3473.44
RW - 2	Carlos	02/07/17	3498.99	-	-	25.61	0.00	3473.38
RW - 2	Wesley	02/16/17	3498.99	-	-	25.49	0.00	3473.50
RW - 2	Carlos	02/20/17	3498.99	-	-	25.48	0.00	3473.51
RW - 2	Carlos	03/01/17	3498.99	39.40	-	25.50	0.00	3473.49
RW - 2	Carlos	03/06/17	3498.99	-	-	25.57	0.00	3473.42
RW - 2	Carlos	03/14/17	3498.99	-	-	25.65	0.00	3473.34
RW - 2	Carlos	03/24/17	3498.99	-	-	25.05	0.00	3473.94
RW - 2	Manny	03/30/17	3498.99	-	-	25.54	0.00	3473.45
RW - 2	Carlos	04/04/17	3498.99	-	-	25.59	0.00	3473.40
RW - 2	Manny	04/13/17	3498.99	-	-	25.36	0.00	3473.63
RW - 2	Manny/ Jeremy	04/19/17	3498.99	-	-	25.31	0.00	3473.68
RW - 2	Manny	04/28/17	3498.99	-	-	25.23	0.00	3473.76
RW - 2	Jeremy	05/01/17	3498.99	-	-	25.36	0.00	3473.63
RW - 2	Manny	05/11/17	3498.99	-	-	25.26	0.00	3473.73
RW - 2	Jeremy	05/18/17	3498.99	39.42	-	25.31	0.00	3473.68

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Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 2	Jeremy	05/23/17	3498.99	-	-	25.36	0.00	3473.63
RW - 2	Jeremy	06/06/17	3498.99	-	-	25.36	0.00	3473.63
RW - 2	Jeremy	06/12/17	3498.99	-	-	25.43	0.00	3473.56
RW - 2	Manny	06/23/17	3498.99	-	25.60	25.70	0.10	3473.38
RW - 2	Jeremy	07/03/17	3498.99	-	-	25.43	0.00	3473.56
RW - 2	Manny	07/14/17	3498.99	-	-	26.13	0.00	3472.86
RW - 2	Manny	07/19/17	3498.99	-	-	26.24	0.00	3472.75
RW - 2	Jeremy	07/25/17	3498.99	-	-	25.93	0.00	3473.06
RW - 2	Jeremy	08/14/17	3498.99	39.46	-	25.76	0.00	3473.23
RW - 2	Jeremy	08/21/17	3498.99	-	-	25.78	0.00	3473.21
RW - 2	Manny	08/30/17	3498.99	-	-	25.74	0.00	3473.25
RW - 2	Jeremy	09/06/17	3498.99	-	-	25.50	0.00	3473.49
RW - 2	Jeremy	09/12/17	3498.99	-	-	25.57	0.00	3473.42
RW - 2	Manny	09/27/17	3498.99	-	-	25.75	0.00	3473.24
RW - 2	Jeremy	10/04/17	3498.99	-	-	25.63	0.00	3473.36
RW - 2	Manny	10/11/17	3498.99	-	-	25.51	0.00	3473.48
RW - 2	Jeremy	10/17/17	3498.99	-	-	25.45	0.00	3473.54
RW - 2	Jeremy	10/23/17	3498.99	-	-	25.41	0.00	3473.58
RW - 2	Jeremy	10/30/17	3498.99	-	-	25.48	0.00	3473.51
RW - 2	Manny	11/10/17	3498.99	-	-	25.50	0.00	3473.49
RW - 2	Manny/ Jeremy	11/15/17	3498.99	39.43	-	25.55	0.00	3473.44
RW - 2	Manny	12/04/17	3498.99	-	-	25.40	0.00	3473.59
RW - 2	Jeremy	12/22/17	3498.99	-	-	25.48	0.00	3473.51
RW - 2	Jeremy	12/29/17	3498.99	-	-	25.46	0.00	3473.53
RW - 2	Jeremy	01/02/18	3498.99	-	-	25.42	0.00	3473.57
RW - 2	Manny	01/12/18	3498.99	-	-	25.41	0.00	3473.58
RW - 2	Jeremy	01/17/18	3498.99	-	-	25.39	0.00	3473.60
RW - 2	Jeremy	01/23/18	3498.99	-	-	25.41	0.00	3473.58
RW - 2	Jeremy	01/29/18	3498.99	-	-	25.51	0.00	3473.48
RW - 2	Jeremy	02/05/18	3498.99	-	-	25.27	0.00	3473.72
RW - 2	Jeremy	02/14/18	3498.99	-	-	25.32	0.00	3473.67
RW - 2	Jeremy	02/19/18	3498.99	39.44	-	25.21	0.00	3473.78
RW - 2	Manny	03/02/18	3498.99	-	-	25.58	0.00	3473.41
RW - 2	Manny	03/13/18	3498.99	-	-	25.62	0.00	3473.37
RW - 2	Manny	03/23/18	3498.99	-	-	25.31	0.00	3473.68
RW - 2	Jeremy	03/28/18	3498.99	-	-	25.40	0.00	3473.59
RW - 2	Jeremy	04/05/18	3498.99	-	-	25.28	0.00	3473.71
RW - 2	Manny	04/13/18	3498.99	-	-	25.38	0.00	3473.61
RW - 2	Jeremy	04/27/18	3498.99	-	-	25.47	0.00	3473.52
RW - 2	Manny	05/04/18	3498.99	-	-	25.54	0.00	3473.45
RW - 2	Manny	05/11/18	3498.99	-	-	25.46	0.00	3473.53
RW - 2	Jeremy	05/16/18	3498.99	39.37	-	25.54	0.00	3473.45
RW - 2	Manny	05/25/18	3498.99	-	25.82	25.86	0.04	3473.16
RW - 2	Manny	06/01/18	3498.99	-	-	25.95	0.00	3473.04
RW - 2	Manny	06/05/18	3498.99	-	-	26.07	0.00	3472.92
RW - 2	Manny	06/15/18	3498.99	-	-	25.87	0.00	3473.12
RW - 2	Manny	06/19/18	3498.99	-	-	25.93	0.00	3473.06
RW - 2	Manny	06/26/18	3498.99	-	-	26.25	0.00	3472.74
RW - 2	Manny	06/29/18	3498.99	-	-	26.07	0.00	3472.92
RW - 2	Manny	07/02/18	3498.99	-	-	26.18	0.00	3472.81
RW - 2	Manny	07/10/18	3498.99	-	-	26.40	0.00	3472.59
RW - 2	Manny	07/16/18	3498.99	-	-	26.23	0.00	3472.76
RW - 2	Manny	08/10/18	3498.99	-	-	26.74	0.00	3472.25
RW - 2	Manny	08/14/18	3498.99	39.32	-	26.66	0.00	3472.33
RW - 2	Manny	09/10/18	3498.99	-	-	26.54	0.00	3472.45
RW - 2	Manny	08/23/18	3498.99	-	-	26.73	0.00	3472.26
RW - 2	Manny	08/31/18	3498.99	-	-	26.95	0.00	3472.04
RW - 2	Manny	09/05/18	3498.99	-	-	26.77	0.00	3472.22
RW - 2	Manny	09/10/18	3498.99	-	-	26.54	0.00	3472.45
RW - 2	Manny	09/21/18	3498.99	-	-	26.53	0.00	3472.46
RW - 2	Manny	09/26/18	3498.99	-	26.52	26.53	0.01	3472.47
RW - 2	Manny	09/27/18	3498.99	-	26.52	26.53	0.01	3472.47
RW - 2	Manny	10/05/18	3498.99	-	-	26.42	0.00	3472.57

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 2	Jeremy	10/08/18	3498.99	-	-	26.86	0.00	3472.13
RW - 2	Manny	10/11/18	3498.99	-	-	26.57	0.00	3472.42
RW - 2	Manny	10/15/18	3498.99	-	-	26.42	0.00	3472.57
RW - 2	Manny	10/19/18	3498.99	-	-	26.38	0.00	3472.61
RW - 2	Manny	10/26/18	3498.99	-	-	26.65	0.00	3472.34
RW - 2	Manny	11/01/18	3498.99	-	-	26.32	0.00	3472.67
RW - 2	Manny	11/02/18	3498.99	-	-	26.32	0.00	3472.67
RW - 2	Manny	11/06/18	3498.99	-	-	26.45	0.00	3472.54
RW - 2	Manny	11/13/18	3498.99	-	-	26.41	0.00	3472.58
RW - 2	Manny	11/21/18	3498.99	-	-	26.41	0.00	3472.58
RW - 2	Jeremy	11/29/18	3498.99	39.38	-	26.11	0.00	3472.88
RW - 2	manny/elias	12/07/18	3498.99	-	-	26.25	0.00	3472.74
RW - 2	manny/elias	12/14/18	3498.99	-	-	26.40	0.00	3472.59
RW - 2	manny/elias	12/20/18	3498.99	-	-	26.08	0.00	3472.91
RW - 2	manny/elias	12/28/18	3498.99	-	-	26.33	0.00	3472.66
RW - 2	manny/elias	12/31/18	3498.99	-	-	-	-	-
RW - 2	manny/elias	01/03/19	3498.99	-	-	26.22	0.00	3472.77
RW - 2	Manny/Elias	01/11/19	3498.99	-	-	25.96	0.00	3473.03
RW - 2	manny/elias	01/15/19	3498.99	-	-	26.08	0.00	3472.91
RW - 2	manny/elias	01/23/19	3498.99	-	-	25.99	0.00	3473.00
RW - 2	Manny/Elias	01/29/19	3498.99	-	-	25.96	0.00	3473.03
RW - 2	manny/elias	02/07/19	3498.99	-	-	25.97	0.00	3473.02
RW - 2	manny/elias	02/14/19	3498.99	-	-	26.01	0.00	3472.98
RW - 2	Manny/Elias	03/05/19	3498.99	39.37	-	26.21	0.00	3472.78
RW - 2	manny/elias	03/11/19	3498.99	-	-	26.21	0.00	3472.78
RW - 2	Manny/Elias	03/27/19	3498.99	-	-	25.93	0.00	3473.06
RW - 2	manny/elias	03/29/19	3498.99	-	-	26.01	0.00	3472.98
RW - 2	manny/elias	04/02/19	3498.99	-	-	25.79	0.00	3473.20
RW - 2	manny/elias	04/12/19	3498.99	-	-	25.96	0.00	3473.03
RW - 2	manny/elias	04/18/19	3498.99	-	-	25.88	0.00	3473.11
RW - 2	manny/elias	04/25/19	3498.99	-	-	25.98	0.00	3473.01
RW - 2	Elias	05/02/19	3498.99	-	-	25.85	0.00	3473.14
RW - 2	Manny/Elias	05/14/19	3498.99	39.37	-	25.70	0.00	3473.29
RW - 2	Manny/Elias	05/20/19	3498.99	-	-	25.62	0.00	3473.37
RW - 2	Manny/Elias	05/27/19	3498.99	-	-	25.90	0.00	3473.09
RW - 2	Manny/Elias	06/06/19	3498.99	-	-	26.21	0.00	3472.78
RW - 2	Manny/Elias	06/07/19	3498.99	-	-	26.21	0.00	3472.78
RW - 2	Manny/Elias	06/13/19	3498.99	-	-	25.91	0.00	3473.08
RW - 2	Manny/Elias	06/19/19	3498.99	-	-	26.11	0.00	3472.88
RW - 2	Manny/Elias	06/27/19	3498.99	-	-	26.47	0.00	3472.52
RW - 2	Manny/Elias	07/01/19	3498.99	-	-	26.46	0.00	3472.53
RW - 2	Manny/Elias	07/09/19	3498.99	-	-	26.54	0.00	3472.45
RW - 2	Manny/Elias	07/17/19	3498.99	-	-	26.36	0.00	3472.63
RW - 2	Manny/Elias	07/19/19	3498.99	-	-	26.33	0.00	3472.66
RW - 2	Manny/Elias	07/23/19	3498.99	-	-	26.51	0.00	3472.48
RW - 2	Manny/Elias	08/06/19	3498.99	-	-	26.62	0.00	3472.37
RW - 2	Manny/Elias	08/22/19	3498.99	-	-	26.79	0.00	3472.20
RW - 2	Manny/Elias	08/30/19	3498.99	-	-	26.87	0.00	3472.12
RW - 2	Elias	09/10/19	3498.99	39.42	-	26.84	0.00	3472.15
RW - 2	Elias	09/20/19	3498.99	-	-	26.87	0.00	3472.12
RW - 2	Elias	10/04/19	3498.99	-	-	26.60	0.00	3472.39
RW - 2	Elias	10/09/19	3498.99	-	-	26.48	0.00	3472.51
RW - 2	Elias	10/16/19	3498.99	-	-	26.60	0.00	3472.39
RW - 2	Elias	10/23/19	3498.99	-	-	26.48	0.00	3472.51
RW - 2	Elias	11/04/19	3498.99	-	-	26.46	0.00	3472.53
RW - 2	Elias	12/04/19	3498.99	39.27	-	26.15	0.00	3472.84
RW - 2	Elias	12/16/19	3498.99	-	-	26.23	0.00	3472.76
RW - 2	Elias	12/30/19	3498.99	-	-	26.21	0.00	3472.78
RW - 2	Elias	01/14/20	3498.99	-	-	26.17	0.00	3472.82
RW - 2	Elias	01/23/20	3498.99	-	-	26.00	0.00	3472.99
RW - 2	Elias	01/30/20	3498.99	-	-	25.93	0.00	3473.06
RW - 2	Elias	02/03/20	3498.99	-	-	25.83	0.00	3473.16
RW - 2	Elias	02/13/20	3498.99	38.32	-	25.87	0.00	3473.12

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109543384

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 2	Elias	05/15/20	3498.99	-	-	25.55	0.00	3473.44
RW - 2	Manny	06/19/20	3498.99	-	-	26.13	0.00	3472.86
RW - 2	Manny	06/25/20	3498.99	38.54	-	26.16	0.00	3472.83
RW - 2	Manny	07/28/20	3498.99	-	-	26.66	0.00	3472.33
RW - 2	Manny	08/10/20	3498.99	-	-	26.62	0.00	3472.37
RW - 2	Manny	08/19/20	3498.99	38.56	-	26.76	0.00	3472.23
RW - 2	Manny	09/11/20	3498.99	-	-	26.95	0.00	3472.04
RW - 2	Manny	09/29/20	3498.99	-	-	27.05	0.00	3471.94
RW - 2	Manny	10/13/20	3498.99	-	26.96	27.00	0.04	3472.02
RW - 2	Manny	10/30/20	3498.99	-	-	27.01	0.00	3471.98
RW - 2	Manny	11/11/20	3498.99	39.15	-	26.96	0.00	3472.03
RW - 2	Manny	12/14/20	3498.99	-	-	26.92	0.00	3472.07
RW - 2	Manny	12/30/20	3498.99	-	-	26.97	0.00	3472.02
RW - 2	Manny	01/15/21	3498.99	-	-	27.00	0.00	3471.99
RW - 2	Manny	01/21/21	3498.99	-	-	26.90	0.00	3472.09
RW - 2	Manny	02/23/21	3498.99	-	-	26.97	0.00	3472.02
RW - 2	Manny	03/05/21	3498.99	-	-	27.05	0.00	3471.94
RW - 2	Manny	03/18/21	3498.99	38.65	-	27.04	0.00	3471.95
RW - 2	Manny	04/16/21	3498.99	-	-	27.00	0.00	3471.99
RW - 2	Manny	05/27/21	3498.99	-	27.04	27.06	0.02	3471.95
RW - 2	Manny	07/26/21	3498.99	-	-	27.25	0.00	3471.74
RW - 2	Manny	07/27/21	3498.99	-	-	27.25	0.00	3471.74
RW - 2	Manny	09/29/21	3498.99	-	27.46	27.48	0.02	3471.53
RW - 2	Manny	10/13/21	3498.99	-	-	27.45	0.00	3471.54
RW - 2	Manny	11/24/21	3498.99	-	-	27.42	0.00	3471.57
RW - 2	Manny	12/02/21	3498.99	38.63	-	27.34	0.00	3471.65
RW - 2	Manny	01/14/22	3498.99	-	-	27.51	0.00	3471.48
RW - 2	Manny	02/16/22	3498.99	-	-	27.22	0.00	3471.77
RW - 2	Manny	03/03/22	3498.99	37.68	-	27.40	0.00	3471.59
RW - 2	Manny	03/17/22	3498.99	-	27.38	27.40	0.02	3471.61
RW - 2	Manny	04/06/22	3498.99	-	-	27.55	0.00	3471.44
RW - 2	Manny	04/28/22	3498.99	-	-	27.45	0.00	3471.54
RW - 2	Manny	06/01/22	3498.99	38.81	27.92	28.15	0.23	3471.04
RW - 2	Manny	06/28/22	3498.99	-	28.11	28.31	0.20	3470.85
RW - 2	Manny	08/24/22	3498.99	-	28.60	28.90	0.30	3470.35
RW - 2	Manny	08/25/22	3498.99	-	28.60	28.90	0.30	3470.35
RW - 2	Manny	09/29/22	3498.99	-	-	28.12	0.00	3470.87
RW - 2	Manny	10/14/22	3498.99	-	-	28.19	0.00	3470.80
RW - 2	Manny	10/18/22	3498.99	38.73	-	28.27	0.00	3470.72
RW - 2	Manny	12/09/22	3498.99	-	27.82	27.85	0.03	3471.17
RW - 2	Manny	01/05/23	3498.99	-	27.87	28.02	0.15	3471.10
RW - 2	Manny	02/17/23	3498.99	-	27.85	28.00	0.15	3471.12
RW - 2	Manny	03/09/23	3498.99	-	28.40	28.79	0.39	3470.53
RW - 2	Manny	05/03/23	3498.99	39.13	-	27.85	0.00	3471.14
RW - 2	Manny	08/30/23	3498.99	39.18	28.15	28.65	0.50	3470.77
RW - 2	Manny	09/08/23	3498.99	-	28.70	29.08	0.38	3470.23
RW - 2	Manny	11/30/23	3498.99	-	28.10	28.30	0.20	3470.86
RW - 2	Manny	01/10/24	3498.99	-	27.82	28.12	0.30	3471.13
RW - 2	Manny	03/25/24	3498.99	37.68	27.75	28.19	0.44	3471.17
RW - 2	Manny	06/19/24	3498.99	37.72	28.60	29.60	1.00	3470.24
RW - 2	Manny	07/17/24	3498.99	-	28.87	29.86	0.99	3469.97
RW - 2	Manny	08/13/24	3498.99	-	29.10	29.15	0.05	3469.88
RW - 2	Manny	09/10/24	3498.99	38.95	28.98	29.11	0.13	3469.99
RW - 2	Manny	11/13/24	3498.99	38.61	28.99	29.28	0.29	3469.96

Notes:
1. BTOC = Below Top-of-Casing.
2. '- = No gauging data collected on corresponding date.
3 Dry = No fluid gauged for corresponding well.
4. Elevations of the potentiometric surface were calculated using a PSH specific gravity of 0.85 gram/cubic centimenter (g/cc).

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 1	08/24/99	<0.001	<0.001	<0.001	<0.001
MW - 1	11/30/99	<0.001	<0.001	<0.001	<0.001
MW - 1	03/03/00	<0.001	<0.001	<0.001	<0.001
MW - 1	05/16/00	<0.001	<0.001	<0.001	<0.001
MW - 1	09/01/00	<0.001	<0.001	<0.001	<0.001
MW - 1	11/21/00	<0.001	<0.001	<0.001	<0.001
MW - 1	03/05/01	<0.001	<0.001	<0.001	<0.001
MW - 1	05/17/01	<0.005	<0.005	<0.005	<0.005
MW - 1	08/27/01	<0.001	<0.001	<0.001	<0.001
MW - 1	10/24/01	<0.001	<0.001	<0.001	<0.001
MW - 1	03/27/02	<0.001	<0.001	<0.001	<0.001
MW - 1	05/14/02	<0.001	<0.001	<0.001	<0.001
MW - 1	09/27/02	<0.001	<0.001	<0.001	<0.001
MW - 1	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 1	02/25/03	<0.001	<0.001	<0.001	<0.001
MW - 1	05/22/03	<0.001	<0.001	<0.001	<0.001
MW - 1	08/27/03	<0.001	<0.001	<0.001	<0.001
MW - 1	11/25/03	<0.001	<0.001	<0.001	<0.002
MW - 1	02/10/04	<0.001	<0.001	<0.001	<0.002
MW - 1	12/01/04	<0.001	<0.001	<0.001	<0.001
MW - 1	03/10/05	NS	-	-	-
MW - 1	06/11/05	NS	-	-	-
MW - 1	09/09/05	NS	-	-	-
MW - 1	12/05/05	<0.001	<0.001	<0.001	<0.001
MW - 1	03/09/06	NS	-	-	-
MW - 1	06/08/06	NS	-	-	-
MW - 1	09/13/06	NS	-	-	-
MW - 1	11/29/06	<0.001	<0.001	<0.001	0.0017
MW - 1	02/26/07	NS	-	-	-
MW - 1	05/21/07	NS	-	-	-
MW - 1	08/16/07	NS	-	-	-
MW - 1	11/07/07	<0.001	<0.001	<0.001	<0.001
MW - 1	02/12/08	NS	-	-	-
MW - 1	05/15/08	NS	-	-	-
MW - 1	08/19/08	NS	-	-	-
MW - 1	11/13/08	<0.001	<0.001	<0.001	<0.001
MW - 1	02/11/09	NS	-	-	-
MW - 1	05/13/09	NS	-	-	-
MW - 1	08/11/09	NS	-	-	-
MW - 1	11/23/09	<0.001	<0.001	<0.001	<0.001
MW - 1	02/10/10	NS	-	-	-
MW - 1	05/25/10	NS	-	-	-
MW - 1	08/12/10	NS	-	-	-
MW - 1	11/17/10	<0.001	<0.001	<0.001	<0.001
MW - 1	02/22/11	NS	-	-	-
MW - 1	05/17/11	NS	-	-	-
MW - 1	08/11/11	NS	-	-	-
MW - 1	11/09/11	<0.001	<0.001	<0.001	<0.001
MW - 1	03/01/12	NS	-	-	-
MW - 1	05/23/12	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 1	08/09/12	NS	-	-	-
MW - 1	11/20/12	<0.001	<0.001	<0.001	<0.001
MW - 1	02/12/13	NS	-	-	-
MW - 1	05/15/13	NS	-	-	-
MW - 1	08/07/13	NS	-	-	-
MW - 1	11/26/13	<0.001	<0.001	<0.001	<0.00300
MW - 1	02/10/14	NS	-	-	-
MW - 1	05/22/14	NS	-	-	-
MW - 1	08/13/14	NS	-	-	-
MW - 1	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 1	02/17/15	NS	-	-	-
MW - 1	05/14/15	NS	-	-	-
MW - 1	08/04/15	NS	-	-	-
MW - 1	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 1	02/10/16	NS	-	-	-
MW - 1	05/25/16	NS	-	-	-
MW - 1	08/19/16	NS	-	-	-
MW - 1	11/21/16	<0.00200	<0.00200	<0.00200	<0.00200
MW - 1	02/28/17	NS	-	-	-
MW - 1	05/18/17	NS	-	-	-
MW - 1	08/15/17	NS	-	-	-
MW - 1	11/15/17	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	02/19/18	NS	-	-	-
MW - 1	05/16/18	NS	-	-	-
MW - 1	08/14/18	NS	-	-	-
MW - 1	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 1	03/04/19	NS	-	-	-
MW - 1	05/13/19	NS	-	-	-
MW - 1	09/10/19	NS	-	-	-
MW - 1	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	02/13/20	NS	-	-	-
MW - 1	06/24/20	NS	-	-	-
MW - 1	08/18/20	NS	-	-	-
MW - 1	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	03/17/21	NS	-	-	-
MW - 1	05/27/21	NS	-	-	-
MW - 1	09/28/21	NS	-	-	-
MW - 1	12/02/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	03/03/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	06/01/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	08/24/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	10/18/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	03/09/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	05/03/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	08/30/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	11/30/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	03/26/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	06/20/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	09/11/24	<0.00500	<0.00500	<0.00500	<0.0150

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 1	11/14/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 2	08/24/99	**0.9800**	0.5920	0.6760	0.5060
MW - 2	11/30/99	**0.7210**	0.3640	0.3940	0.3670
MW - 2	03/03/00	**0.6940**	0.2600	0.4070	0.2350
MW - 2	05/22/03	**0.0510**	0.0020	0.0490	0.0060
MW - 2	11/25/03	**0.0690**	<0.001	0.0630	0.0030
MW - 2	02/10/04	**0.0860**	<0.001	0.1000	0.0090
MW - 2	05/10/04	**0.6360**	0.1140	0.1330	0.0478
MW - 2	08/25/04	**1.8800**	0.4280	0.6530	0.2087
MW - 2	12/02/04	**1.5200**	0.0311	0.2560	<0.200
MW - 2	03/10/05	**1.1600**	<0.5	0.6040	<0.5
MW - 2	06/11/05	NS	-	-	-
MW - 2	09/09/05	NS	-	-	-
MW - 2	12/05/05	NS	-	-	-
MW - 2	03/09/06	NS	-	-	-
MW - 2	06/08/06	NS	-	-	-
MW - 2	09/13/06	NS	-	-	-
MW - 2	11/29/06	**0.8130**	0.0184	0.5630	0.1870
MW - 2	02/26/07	**0.9940**	<0.01	**0.7560**	0.1380
MW - 2	05/21/07	**0.7620**	<0.01	0.3570	0.0726
MW - 2	08/16/07	**1.1800**	<0.01	**0.8120**	0.1460
MW - 2	11/07/07	**0.6440**	<0.01	0.5620	0.1440
MW - 2	02/12/08	**0.8620**	0.0053	0.6620	0.1780
MW - 2	05/15/08	**0.7870**	<0.01	0.6740	0.1600
MW - 2	08/19/08	**0.9840**	<0.005	0.5830	0.1570
MW - 2	11/13/08	**0.8760**	<0.005	0.5040	0.1560
MW - 2	02/11/09	**0.3810**	<0.005	0.2370	0.0717
MW - 2	05/13/09	**0.0576**	<0.005	0.2390	0.1250
MW - 2	08/11/09	**0.5770**	<0.005	0.3310	0.1450
MW - 2	11/23/09	**0.9230**	<0.005	0.3440	0.0941
MW - 2	02/10/10	**0.1760**	<0.005	0.1460	0.0607
MW - 2	05/25/10	**0.7690**	<0.005	0.2970	0.1200
MW - 2	08/12/10	**0.0761**	0.0047	0.0758	0.0628
MW - 2	11/17/10	**0.3690**	<0.001	0.2180	0.0974
MW - 2	02/22/11	**0.5560**	0.0834	0.1760	0.1700
MW - 2	05/17/11	**0.7770**	<0.005	0.2730	0.2170
MW - 2	08/11/11	**0.6240**	<0.005	0.1800	0.1530
MW - 2	11/09/11	**0.2830**	<0.005	0.1260	0.0866
MW - 2	03/01/12	**0.1730**	<0.005	0.0844	0.1440
MW - 2	05/23/12	**0.0728**	<0.001	0.0183	0.0225
MW - 2	08/09/12	**0.1940**	<0.05	<0.05	0.0520
MW - 2	11/20/12	**0.144**	<0.01	<0.01	<0.01
MW - 2	02/12/13	**0.0744**	<0.01	<0.01	<0.01
MW - 2	05/15/13	**0.193**	<0.0500	<0.0500	<0.0500
MW - 2	08/07/13	**0.112**	<0.00100	0.0068	0.0174
MW - 2	11/26/13	**0.0299**	<0.00100	0.0025	0.0084
MW - 2	02/10/14	**0.108**	<0.0500	<0.0500	<0.150
MW - 2	05/22/14	**0.140**	<0.00100	0.00260	0.0241

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 2	08/13/14	**0.04780**	<0.00100	<0.00100	0.0092
MW - 2	11/05/14	**0.0104**	<0.00100	0.00100	0.0040
MW - 2	02/17/15	**0.294**	<0.00100	<0.00100	0.0191
MW - 2	05/14/15	**0.235**	0.00240	<0.00100	0.0141
MW - 2	08/04/15	**0.141**	<0.00100	<0.00100	<0.00100
MW - 2	11/17/15	**0.417**	<0.0500	<0.0500	<0.0500
MW - 2	02/10/16	**0.316**	<0.0500	<0.0500	<0.0500
MW - 2	05/25/16	**0.231**	<0.0500	<0.0500	<0.0500
MW - 2	08/19/16	**0.230**	<0.0500	<0.0500	<0.0500
MW - 2	11/22/16	**0.0478**	<0.00200	<0.00200	0.00731
MW - 2	02/28/17	**0.118**	<0.0400	<0.0400	<0.0400
MW - 2	05/18/17	**0.226**	<0.00200	<0.00200	0.00440
MW - 2	08/15/17	**0.294**	0.00355	0.00645	0.00493
MW - 2	11/15/17	**0.168**	0.00184	0.00166	0.00504
MW - 2	02/19/18	**0.139**	0.00281	<0.00200	0.00568
MW - 2	05/16/18	**0.138**	<0.00200	<0.00200	<0.00400
MW - 2	08/14/18	**0.224**	<0.0100	<0.00500	<0.0200
MW - 2	11/29/18	**0.0664**	<0.0100	<0.00500	<0.0200
MW - 2	03/05/19	**0.0806**	0.00169	0.00191	0.00487
MW - 2	05/14/19	**0.0640**	<0.00500	<0.00500	<0.0100
MW - 2	09/10/19	**0.103**	<0.00100	<0.00100	<0.00200
MW - 2	12/04/19	0.00168	0.00118	0.00136	0.00335
MW - 2	02/12/20	**0.0328**	<0.00100	0.00168	0.00453
MW - 2	06/25/20	**0.0776**	0.00230	0.00167	0.00550
MW - 2	08/19/20	**0.110**	0.00275	0.00191	0.00779
MW - 2	11/11/20	**0.0578**	<0.00100	<0.00100	<0.00200
MW - 2	03/17/21	**0.0115**	0.00165	<0.00100	0.00283
MW - 2	05/27/21	**0.0889**	0.0235	0.00433	0.0459
MW - 2	09/29/21	**0.0220**	0.0249	0.0348	0.1360
MW - 2	12/02/21	**0.0205**	<0.00100	<0.00100	<0.00200
MW - 2	03/03/22	**0.0416**	<0.00100	<0.00100	<0.00200
MW - 2	06/01/22	**0.0694**	<0.00100	<0.00100	0.00201
MW - 2	08/24/22	**0.0133**	<0.00100	<0.00100	<0.00200
MW - 2	10/18/22	**0.0179**	<0.00100	<0.00100	<0.00200
MW - 2	03/09/23	**0.0666**	<0.00100	<0.00100	<0.00200
MW - 2	05/03/23	0.00982	<0.00100	<0.00100	<0.00200
MW - 2	08/30/23	**0.0232**	<0.00100	<0.00100	<0.00200
MW - 2	11/30/23	**0.0412**	<0.00100	<0.00100	<0.00200
MW - 2	03/26/24	0.0013	<0.00100	<0.00100	<0.00200
MW - 2	06/20/24	**0.0233**	<0.00100	<0.00100	<0.00200
MW - 2	09/11/24	<0.00500	<0.00500	<0.00500	<0.0150
MW - 2	11/14/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 3	08/24/99	**0.5360**	0.0080	0.2670	0.0640
MW - 3	11/30/99	**0.5820**	0.0090	0.3210	0.0670
MW - 3	03/03/00	**0.3090**	0.0030	0.2010	0.0350
MW - 3	05/16/00	**0.4100**	0.0060	0.2380	0.0410
MW - 3	09/01/00	**0.4020**	0.0030	0.2480	0.0400
MW - 3	11/21/00	**0.5740**	0.0020	0.3520	0.0690

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PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 3	03/05/01	**0.5600**	0.0020	0.2900	0.0460
MW - 3	05/17/01	**0.5570**	<0.020	0.2830	0.0540
MW - 3	08/27/01	**0.1800**	<0.001	0.1000	0.0110
MW - 3	10/24/01	**0.1620**	<0.001	0.1310	0.0320
MW - 3	03/27/02	**0.2780**	0.0040	0.1280	0.0250
MW - 3	05/14/02	**0.5740**	0.0065	0.3050	0.6900
MW - 3	09/27/02	**0.9650**	<0.001	0.3620	0.0720
MW - 3	12/05/02	**0.6720**	0.0010	0.4510	0.0950
MW - 3	05/22/03	**0.9730**	0.1080	0.3650	0.4870
MW - 3	11/25/03	**0.5350**	<0.001	0.0930	0.0380
MW - 3	02/10/04	**0.4100**	<0.001	0.0830	0.0430
MW - 3	05/10/04	**0.3010**	0.0035	0.0864	0.0418
MW - 3	08/25/04	**0.5060**	0.0059	0.0559	0.0487
MW - 3	12/02/04	**0.4360**	<0.100	<0.100	<0.100
MW - 3	03/10/05	**0.4630**	<0.01	0.0227	0.0338
MW - 3	06/11/05	**0.5860**	<0.005	0.0886	0.0957
MW - 3	09/09/05	NS	-	-	-
MW - 3	12/05/05	**0.4230**	<0.01	0.0451	0.0324
MW - 3	03/09/06	**0.9530**	<0.1	0.1540	<0.1
MW - 3	06/08/06	**0.8760**	<0.05	<0.05	0.0561
MW - 3	09/13/06	**0.8210**	<0.02	0.0383	0.0427
MW - 3	11/29/06	**0.5680**	<0.005	0.0365	0.0816
MW - 3	02/26/07	**0.9720**	<0.01	0.0920	0.0811
MW - 3	05/21/07	**0.7250**	<0.001	0.0408	0.0421
MW - 3	08/16/07	**1.0400**	<0.01	<0.01	<0.01
MW - 3	11/07/07	**1.7200**	<0.01	0.2020	0.1210
MW - 3	02/12/08	**1.1000**	<0.01	0.1950	0.0825
MW - 3	05/15/08	**1.6000**	<0.01	0.3120	0.1280
MW - 3	08/19/08	**1.8500**	<0.01	0.3770	0.1380
MW - 3	11/13/08	**1.1900**	<0.01	0.2880	0.1380
MW - 3	02/11/09	**1.5000**	<0.01	0.3220	0.1500
MW - 3	05/13/09	**0.3720**	<0.01	0.0888	0.1370
MW - 3	08/11/09	**0.6040**	<0.01	0.0967	0.1250
MW - 3	11/23/09	**1.4700**	<0.01	0.2320	0.1110
MW - 3	02/10/10	**1.3900**	<0.01	0.1870	0.1480
MW - 3	05/25/10	**1.3400**	<0.01	0.1380	0.1270
MW - 3	08/12/10	**0.8640**	<0.100	<0.100	<0.100
MW - 3	11/17/10	**1.3800**	<0.100	<0.100	<0.100
MW - 3	02/22/11	**1.8700**	**0.7510**	**0.8210**	**3.7100**
MW - 3	05/17/11	**1.9800**	<0.100	<0.100	<0.100
MW - 3	08/11/11	**0.4670**	<0.100	<0.100	<0.100
MW - 3	11/09/11	**0.5840**	<0.100	<0.100	<0.100
MW - 3	03/01/12	**1.3400**	<0.100	<0.100	<0.100
MW - 3	05/23/12	**0.9040**	<0.050	0.0777	0.0653
MW - 3	08/09/12	**0.0054**	<0.001	<0.001	0.0016
MW - 3	11/20/12	**0.494**	<0.005	0.0405	0.0382
MW - 3	02/12/13	**0.568**	<0.00500	0.0421	0.0548
MW - 3	05/15/13	**0.490**	<0.0500	<0.0500	<0.0500
MW - 3	08/07/13	**0.771**	<0.00500	0.0425	0.0620

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 3	11/26/13	**0.355**	<0.0500	<0.0500	0.1610
MW - 3	02/10/14	**0.890**	<0.0500	<0.0500	<0.150
MW - 3	05/22/14	**0.396**	<0.00100	0.00310	0.0101
MW - 3	08/13/14	**0.603**	<0.0500	<0.0500	<0.0500
MW - 3	11/05/14	**0.753**	<0.0500	<0.0500	<0.0500
MW - 3	02/17/15	**0.649**	<0.0500	<0.0500	<0.0500
MW - 3	05/14/15	**0.602**	<0.0500	<0.0500	<0.0500
MW - 3	08/04/15	**0.469**	<0.0500	<0.0500	<0.0500
MW - 3	11/17/15	**0.428**	<0.0500	<0.0500	<0.0500
MW - 3	02/10/16	**0.614**	<0.0500	<0.0500	<0.0500
MW - 3	05/25/16	**0.519**	<0.0500	<0.0500	<0.0500
MW - 3	08/19/16	**0.436**	<0.0500	<0.0500	<0.0500
MW - 3	11/22/16	**0.368**	<0.0100	<0.0100	<0.0100
MW - 3	02/28/17	**0.427**	<0.0750	<0.100	0.124
MW - 3	05/18/17	**0.266**	<0.00200	<0.00200	0.00415
MW - 3	08/15/17	**0.140**	<0.00200	<0.00200	<0.00400
MW - 3	11/16/17	**0.379**	<0.00100	0.00212	0.00785
MW - 3	02/20/18	**0.387**	<0.00200	0.00273	0.00595
MW - 3	05/16/18	**0.246**	<0.00200	<0.00200	<0.00400
MW - 3	08/14/18	**0.249**	<0.0100	<0.00500	<0.0200
MW - 3	11/29/18	**0.269**	<0.0100	<0.00500	<0.0200
MW - 3	03/05/19	**0.230**	0.00103	0.00282	<0.00200
MW - 3	05/14/19	**0.526**	<0.00500	<0.00500	<0.0100
MW - 3	09/11/19	**0.293**	<0.00100	<0.00100	<0.00200
MW - 3	12/04/19	**0.285**	<0.00100	0.00364	0.00299
MW - 3	02/13/20	**0.240**	0.00194	0.00169	0.00782
MW - 3	06/25/20	**0.179**	0.00351	0.00218	0.0118
MW - 3	08/19/20	**0.250**	0.00277	<0.00100	0.00326
MW - 3	11/11/20	**0.333**	0.00417	0.00359	0.00815
MW - 3	03/17/21	**0.256**	0.00563	0.00366	0.01384
MW - 3	05/27/21	**0.272**	0.00189	<0.00100	0.00282
MW - 3	09/29/21	**0.183**	0.00236	0.00277	0.00553
MW - 3	12/01/21	**0.176**	0.00108	<0.00100	<0.00200
MW - 3	03/04/22	**0.254**	0.00220	0.00246	0.00235
MW - 3	06/02/22	**0.211**	0.00142	0.00220	<0.00200
MW - 3	08/24/22	**0.121**	0.00109	<0.00100	<0.00200
MW - 3	10/19/22	**0.0246**	<0.00100	<0.00100	<0.00200
MW - 3	03/08/23	**0.0818**	<0.00100	<0.00100	<0.00200
MW - 3	05/02/23	**0.316**	0.00285	<0.00100	<0.00200
MW - 3	08/31/23	**0.104**	0.00108	<0.00100	<0.00200
MW - 3	11/29/23	**0.124**	<0.00100	<0.00100	<0.00200
MW - 3	03/27/24	**0.188**	0.00107	<0.00100	<0.00200
MW - 3	06/20/24	**0.144**	<0.00100	<0.00100	<0.00200
MW - 3	09/12/24	**0.206**	<0.00100	<0.00100	<0.00200
MW - 3	11/14/24	**0.107**	0.00158	<0.00100	<0.00200
MW - 4	03/10/05	PSH	-	-	-
MW - 4	06/11/05	PSH	-	-	-
MW - 4	09/09/05	PSH	-	-	-

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TNM 97-18
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LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 4	12/05/05	PSH	-	-	-
MW - 4	03/09/06	PSH	-	-	-
MW - 4	06/08/06	PSH	-	-	-
MW - 4	09/13/06	PSH	-	-	-
MW - 4	11/29/06	PSH	-	-	-
MW - 4	02/26/07	PSH	-	-	-
MW - 4	05/21/07	PSH	-	-	-
MW - 4	08/16/07	**5.1900**	<0.02	**1.5200**	0.4100
MW - 4	11/07/07	**6.0600**	0.2620	**1.7600**	**0.7680**
MW - 4	02/12/08	**2.2400**	<0.0500	0.1620	0.2850
MW - 4	05/15/08	**4.3000**	<0.02	**1.5200**	0.5490
MW - 4	08/19/08	**1.5600**	0.0209	0.2580	0.2080
MW - 4	11/13/08	**1.0900**	<0.0500	<0.0500	0.3510
MW - 4	02/11/09	**2.4600**	<0.0500	0.6520	0.4140
MW - 4	05/13/09	**1.1000**	<0.02	0.2860	0.3520
MW - 4	08/11/09	**1.4300**	<0.02	0.2980	0.4310
MW - 4	11/23/09	**2.1300**	<0.02	0.3290	0.1890
MW - 4	02/10/10	**1.2100**	<0.02	0.1570	0.2140
MW - 4	05/25/10	**1.6800**	<0.02	0.1770	0.3150
MW - 4	08/13/10	**2.0400**	<0.100	0.3110	0.3140
MW - 4	11/17/10	**2.8000**	<0.100	0.6970	<0.100
MW - 4	02/22/11	**2.4900**	<0.100	<0.100	**2.1500**
MW - 4	05/17/11	**2.4300**	<0.100	<0.100	<0.100
MW - 4	08/11/11	**1.9800**	<0.100	<0.100	1.0200
MW - 4	11/09/11	**1.0700**	<0.100	<0.100	<0.100
MW - 4	03/01/12	**1.3100**	<0.100	<0.100	<0.100
MW - 4	05/23/12	**0.7070**	<0.050	<0.050	0.0622
MW - 4	08/09/12	**0.0198**	<0.001	0.0026	0.0049
MW - 4	11/20/12	**0.938**	<0.01	0.0437	0.1870
MW - 4	02/12/13	**0.670**	<0.00500	0.0434	0.108
MW - 4	05/15/13	**0.894**	<0.0500	0.0583	0.148
MW - 4	08/07/13	**0.792**	<0.0500	0.0360	0.109
MW - 4	11/26/13	**0.564**	<0.0500	<0.0500	0.0981
MW - 4	02/10/14	**1.47**	<0.0500	<0.0500	0.229
MW - 4	05/22/14	**1.17**	<0.0500	<0.0500	0.183
MW - 4	08/13/14	**0.882**	<0.0500	<0.0500	0.194
MW - 4	11/05/14	**2.46**	<0.0500	<0.0500	0.133
MW - 4	02/17/15	**2.19**	<0.100	<0.100	0.282
MW - 4	05/14/15	**1.15**	<0.100	<0.100	<0.100
MW - 4	08/04/15	**2.27**	<0.100	<0.100	0.191
MW - 4	11/17/15	**2.47**	<0.0500	0.0936	0.285
MW - 4	02/10/16	**2.48**	<0.0500	<0.0500	0.293
MW - 4	05/25/16	**1.30**	<0.0500	<0.0500	0.162
MW - 4	08/19/16	**1.15**	<0.0500	<0.0500	0.0583
MW - 4	11/22/16	**4.08**	<0.0500	0.0588	0.174
MW - 4	03/01/17	**2.76**	<0.0750	0.154	0.364
MW - 4	05/18/17	**8.95**	0.0591	0.0847	0.263
MW - 4	08/15/17	**2.79**	<0.0200	0.0531	0.306
MW - 4	11/16/17	**0.960**	0.00222	0.0135	0.07095

TABLE 5

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PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 4	02/19/18	**1.61**	0.0545	0.0372	0.2301
MW - 4	05/16/18	**1.75**	0.00617	0.0261	0.115
MW - 4	08/14/18	**1.31**	<0.0100	0.0137	0.117
MW - 4	11/29/18	**1.83**	<0.0500	0.0597	<0.100
MW - 4	03/05/19	**1.75**	0.0207	0.00690	0.1181
MW - 4	05/14/19	**1.75**	<0.0100	0.0263	0.244
MW - 4	09/11/19	**1.55**	0.00974	0.0483	0.16268
MW - 4	12/04/19	**2.84**	0.00696	0.0174	0.16799
MW - 4	02/13/20	**2.20**	0.0613	0.0680	0.579
MW - 4	06/25/20	**1.62**	0.0379	0.0346	0.287
MW - 4	08/19/20	**2.20**	0.0332	0.0360	0.3165
MW - 4	11/11/20	**1.40**	0.0127	<0.0100	0.202
MW - 4	03/18/21	**1.42**	0.0251	0.0294	0.2204
MW - 4	05/27/21	**2.58**	0.0168	0.0180	0.144
MW - 4	09/29/21	**2.03**	0.0521	0.0554	0.503
MW - 4	12/02/21	**3.59**	0.00761	0.0242	0.08964
MW - 4	03/03/22	**3.34**	0.0102	0.0174	0.0787
MW - 4	06/01/22	**3.45**	0.0113	0.0203	0.0913
MW - 4	08/24/22	**2.51**	0.00306	0.00499	0.0481
MW - 4	10/18/22	**3.36**	<0.0100	0.0205	0.0933
MW - 4	03/09/23	**2.30**	0.00459	0.0178	0.08381
MW - 4	05/03/23	**2.47**	0.00472	0.0153	0.08252
MW - 4	08/30/23	**1.14**	0.00510	0.00570	0.0475
MW - 4	11/30/23	**2.13**	0.00351	0.0172	0.08963
MW - 4	03/26/23	**1.59**	0.00394	0.0048	0.07700
MW - 4	03/26/24	**1.59**	0.00394	0.00478	0.0770
MW - 4	06/20/24	**1.68**	0.00288	0.00445	0.0748
MW - 4	09/11/24	**1.90**	<0.00500	<0.00500	<0.0150
MW - 4	11/14/24	**2.07**	0.00420	0.00919	0.07630
MW - 5	03/10/05	PSH	-	-	-
MW - 5	06/11/05	PSH	-	-	-
MW - 5	09/09/05	PSH	-	-	-
MW - 5	12/05/05	PSH	-	-	-
MW - 5	03/09/06	PSH	-	-	-
MW - 5	06/08/06	PSH	-	-	-
MW - 5	09/13/06	PSH	-	-	-
MW - 5	11/29/06	PSH	-	-	-
MW - 5	02/26/07	PSH	-	-	-
MW - 5	05/21/07	PSH	-	-	-
MW - 5	08/16/07	PSH	-	-	-
MW - 5	11/07/07	**1.0900**	0.0392	0.4780	0.4050
MW - 5	02/12/08	**1.2800**	0.0302	0.5870	0.4710
MW - 5	05/15/08	**1.4600**	0.0263	0.6740	0.5740
MW - 5	08/19/08	**1.1400**	0.0225	0.4550	0.2950
MW - 5	11/13/08	**1.3600**	0.0267	0.5160	0.4090
MW - 5	02/11/09	**1.3300**	0.0260	0.6100	0.4130
MW - 5	05/13/09	**1.1700**	0.0497	0.5520	0.4500
MW - 5	08/11/09	**1.5700**	0.0475	0.6230	0.5090

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LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 5	11/23/09	**1.1800**	0.0091	0.4790	0.3200
MW - 5	02/10/10	**0.9970**	<0.005	0.4380	0.2200
MW - 5	05/25/10	Dry	-	-	-
MW - 5	08/12/10	Dry	-	-	-
MW - 5	11/17/10	NS	-	-	-
MW - 5	02/22/11	NS	-	-	-
MW - 5	05/17/11	NS	-	-	-
MW - 5	08/11/11	NS	-	-	-
MW - 5	11/09/11	**1.2900**	<0.005	0.5670	0.2580
MW - 5	03/01/12	**1.0900**	<0.005	0.4740	0.2680
MW - 5	05/23/12	**1.2100**	<0.050	0.5130	0.2380
MW - 5	08/09/12	NS	-	-	-
MW - 5	11/20/12	**0.909**	<0.005	0.589	0.2300
MW - 5	02/12/13	**0.963**	<0.00500	0.566	0.4750
MW - 5	05/15/13	**1.01**	<0.0500	0.407	0.166
MW - 5	08/07/13	**1.14**	<0.0500	0.450	0.164
MW - 5	11/26/13	**1.00**	<0.0500	0.407	0.148
MW - 5	02/10/14	**1.29**	<0.0500	0.452	<0.150
MW - 5	05/22/14	PSH	-	-	-
MW - 5	08/13/14	PSH	-	-	-
MW - 5	11/05/14	**0.496**	<0.0500	0.225	0.0805
MW - 5	02/17/15	**0.321**	<0.0500	0.164	0.110
MW - 5	05/14/15	PSH	-	-	-
MW - 5	08/04/15	**0.934**	<0.0500	0.321	0.141
MW - 5	11/17/15	**0.880**	<0.0500	0.342	0.170
MW - 5	02/10/16	**0.350**	<0.0500	0.200	0.169
MW - 5	05/25/16	PSH	-	-	-
MW - 5	08/19/16	**0.970**	<0.0500	0.326	0.0992
MW - 5	11/22/16	**0.310**	<0.00200	0.217	0.168
MW - 5	02/28/17	**0.951**	<0.0375	0.368	0.171
MW - 5	05/18/17	**0.195**	<0.00200	<0.00200	<0.00400
MW - 5	08/15/17	**1.70**	0.0240	0.509	0.2643
MW - 5	11/16/17	**1.43**	0.156	**0.967**	**0.796**
MW - 5	11/16/17	**0.329**	0.00365	0.178	0.09388
MW - 5	02/20/18	**0.716**	0.0208	0.186	0.1369
MW - 5	05/16/18	**0.0336**	<0.00200	0.00942	0.00430
MW - 5	08/14/18	**0.845**	<0.0100	0.157	0.1277
MW - 5	11/29/18	**0.782**	<0.0100	0.213	0.1326
MW - 5	03/05/19	**0.0994**	<0.00100	0.0462	0.03921
MW - 5	05/14/19	**0.447**	<0.00500	0.170	0.1412
MW - 5	09/11/19	**0.289**	<0.00100	0.203	0.15371
MW - 5	12/04/19	**1.63**	0.00204	0.118	0.1744
MW - 5	02/13/20	**1.26**	0.0134	0.155	0.2379
MW - 5	06/25/20	**0.0880**	0.0547	0.0720	0.11973
MW - 5	08/19/20	**1.10**	0.0149	0.269	0.2456
MW - 5	11/11/20	PSH	-	-	-
MW - 5	03/18/21	PSH	-	-	-
MW - 5	05/27/21	PSH	-	-	-
MW - 5	09/29/21	PSH	-	-	-

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TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 5	12/01/21	PSH	-	-	-
MW - 5	03/04/22	PSH	-	-	-
MW - 5	06/01/22	PSH	-	-	-
MW - 5	08/24/22	PSH	-	-	-
MW - 5	10/18/22	PSH	-	-	-
MW - 5	03/08/23	PSH	-	-	-
MW - 5	05/02/23	PSH	-	-	-
MW - 5	08/29/23	PSH	-	-	-
MW - 5	11/28/23	PSH	-	-	-
MW - 5	03/25/24	PSH	-	-	-
MW - 5	06/20/24	PSH	-	-	-
MW - 5	09/12/24	PSH	-	-	-
MW - 5	11/14/24	PSH	-	-	-
MW - 6	12/05/02	**0.8960**	0.0800	**0.8690**	0.1990
MW - 6	05/22/03	**0.7560**	0.0710	**0.7550**	0.1790
MW - 6	11/25/03	**0.4510**	0.0010	0.6260	0.0680
MW - 6	02/10/04	**0.3390**	<0.001	0.5830	0.0520
MW - 6	05/10/04	**1.5700**	0.2240	**1.0600**	0.3332
MW - 6	12/02/04	0.0082	0.0021	0.0032	0.0021
MW - 6	03/10/05	**1.1900**	<0.05	0.7490	0.1890
MW - 6	06/11/05	**0.8840**	0.0569	**2.2200**	**1.2600**
MW - 6	09/09/05	**0.7770**	<0.1	**1.2100**	0.5310
MW - 6	12/05/05	**1.0600**	<0.05	**0.7990**	0.2020
MW - 6	03/09/06	**0.8890**	<0.1	**0.8690**	0.2060
MW - 6	06/08/06	NS	-	-	-
MW - 6	09/15/06	**1.1000**	<0.02	**1.0900**	0.2720
MW - 6	11/29/06	**0.6740**	<0.005	0.7070	0.3100
MW - 6	02/26/07	**0.7870**	<0.01	**1.0600**	0.2580
MW - 6	05/21/07	**0.6690**	<0.01	0.4930	0.1290
MW - 6	08/16/07	**0.7400**	<0.01	**0.7910**	0.1730
MW - 6	11/07/07	**1.1300**	<0.01	**1.0600**	0.2880
MW - 6	02/12/08	**0.7030**	<0.01	0.4930	0.1500
MW - 6	05/15/08	**0.5120**	<0.0100	0.4660	0.1320
MW - 6	08/18/08	**0.5680**	0.0079	0.4050	0.1600
MW - 6	11/13/08	**0.7160**	<0.0100	0.4240	0.1370
MW - 6	02/11/09	**0.5550**	<0.0100	0.4400	0.1250
MW - 6	05/13/09	**0.4360**	<0.0100	0.3320	0.2330
MW - 6	08/11/09	**0.4400**	<0.0100	0.2060	0.1670
MW - 6	11/23/09	**0.4100**	<0.0100	0.0734	0.0557
MW - 6	02/10/10	**0.2060**	<0.0100	0.1460	0.0833
MW - 6	05/25/10	**1.2800**	**0.9420**	**1.3100**	**2.8700**
MW - 6	08/12/10	**0.0469**	0.0038	0.1000	0.0706
MW - 6	11/17/10	**0.2360**	<0.001	0.0766	0.0516
MW - 6	02/22/11	**0.2210**	<0.001	0.0116	<0.001
MW - 6	05/17/11	**0.2950**	<0.001	0.0661	0.0348
MW - 6	08/11/11	**0.1450**	<0.001	0.0122	0.0117
MW - 6	11/09/11	**0.2260**	<0.001	0.1230	0.0058
MW - 6	03/01/12	**0.1310**	<0.005	<0.005	<0.005

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WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 6	05/23/12	**0.1150**	<0.001	0.0064	0.0121
MW - 6	08/09/12	**0.1480**	<0.05	<0.05	<0.05
MW - 6	11/20/12	**0.112**	<0.005	<0.005	<0.005
MW - 6	02/12/13	**0.127**	<0.00500	0.0159	<0.00500
MW - 6	05/15/13	**0.100**	<0.0500	<0.0500	<0.0500
MW - 6	08/07/13	**0.119**	<0.00100	0.0047	0.0152
MW - 6	11/26/13	**0.0892**	<0.0500	<0.0500	<0.150
MW - 6	02/10/14	**0.0768**	<0.0500	<0.0500	<0.150
MW - 6	05/22/14	PSH	-	-	-
MW - 6	08/13/14	PSH	-	-	-
MW - 6	11/05/14	PSH	-	-	-
MW - 6	02/17/15	**0.117**	<0.0500	0.143	0.0876
MW - 6	05/14/15	**0.0794**	<0.0500	<0.0500	<0.0500
MW - 6	08/04/15	**0.0780**	<0.0500	<0.0500	<0.0500
MW - 6	11/17/15	**0.140**	<0.0500	<0.0500	<0.0500
MW - 6	02/10/16	**0.0493**	<0.00100	0.0207	0.0286
MW - 6	05/25/16	**0.0557**	<0.00100	0.00910	0.0239
MW - 6	08/19/16	**0.0605**	<0.0500	<0.0500	<0.0500
MW - 6	11/22/16	**0.0332**	0.00265	0.00528	0.0318
MW - 6	02/28/17	**0.0202**	<0.00200	<0.00200	0.02900
MW - 6	05/18/17	**0.0374**	0.00923	<0.00200	0.0578
MW - 6	08/15/17	**0.0704**	0.00878	0.00387	0.0284
MW - 6	11/16/17	**0.0364**	0.00259	0.00572	0.02291
MW - 6	02/20/18	**0.0361**	0.0132	0.00416	0.02031
MW - 6	05/16/18	**0.0362**	0.00319	<0.00200	0.0288
MW - 6	08/14/18	**0.0610**	<0.0100	<0.00500	0.0120
MW - 6	11/29/18	**0.0274**	<0.0500	<0.0250	<0.100
MW - 6	03/04/19	0.00313	0.00120	0.00309	0.01670
MW - 6	05/14/19	**0.0136**	0.00468	0.00655	0.0306
MW - 6	09/10/19	**0.0280**	0.00485	0.00806	0.0454
MW - 6	12/04/19	**0.0189**	0.0112	0.0153	0.0889
MW - 6	02/12/20	**0.0210**	0.0168	0.0214	0.1364
MW - 6	06/25/20	**0.0697**	0.0485	0.0511	0.341
MW - 6	08/19/20	**0.0792**	0.0470	0.0499	0.2326
MW - 6	11/11/20	**0.0248**	0.00198	<0.00100	0.00234
MW - 6	03/18/21	**0.0219**	0.0366	0.0317	0.2030
MW - 6	05/27/21	**0.0248**	0.0121	0.00643	0.04356
MW - 6	09/29/21	**0.0600**	0.0216	0.0218	0.1371
MW - 6	12/02/21	**0.0110**	0.00123	<0.00100	<0.00200
MW - 6	03/03/22	**0.0218**	0.00265	<0.00100	0.00341
MW - 6	06/01/22	**0.0206**	0.00535	<0.00500	<0.0100
MW - 6	08/24/22	**0.0225**	0.00194	<0.00100	<0.00200
MW - 6	10/18/22	**0.0109**	<0.00100	<0.00100	<0.00200
MW - 6	03/09/23	0.00641	0.00137	0.00168	0.00120
MW - 6	05/03/23	0.00823	0.00233	<0.00100	0.00253
MW - 6	08/30/23	**0.0126**	0.00382	<0.00100	0.00446
MW - 6	11/30/23	**0.0124**	0.00101	0.00121	<0.00200
MW - 6	03/26/24	**0.0144**	0.00185	<0.00100	<0.00200
MW - 6	06/20/24	**0.0195**	0.00214	<0.00100	<0.00200

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NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 6	09/11/24	**0.0230**	<0.00500	<0.00500	<0.0150
MW - 6	11/14/24	**0.0290**	0.00210	0.00970	0.01971
MW - 7	03/10/05	PSH	-	-	-
MW - 7	06/11/05	PSH	-	-	-
MW - 7	09/09/05	PSH	-	-	-
MW - 7	12/05/05	PSH	-	-	-
MW - 7	03/09/06	PSH	-	-	-
MW - 7	06/08/06	PSH	-	-	-
MW - 7	09/13/06	PSH	-	-	-
MW - 7	11/29/06	PSH	-	-	-
MW - 7	02/26/07	PSH	-	-	-
MW - 7	05/21/07	PSH	-	-	-
MW - 7	08/16/07	PSH	-	-	-
MW - 7	11/07/07	**0.6610**	<0.01	<0.01	0.1300
MW - 7	02/12/08	**0.6570**	<0.005	0.0881	0.1550
MW - 7	05/15/08	**0.6280**	<0.0100	0.0702	0.0965
MW - 7	08/19/08	**0.7030**	<0.00500	0.0736	0.1060
MW - 7	11/13/08	**0.6080**	<0.00500	0.0865	0.1620
MW - 7	02/11/09	**0.7050**	0.0065	0.0789	0.1220
MW - 7	05/13/09	**0.6410**	<0.005	0.1210	0.1740
MW - 7	08/11/09	**0.7500**	<0.005	0.0904	0.1480
MW - 7	11/23/09	**0.6590**	<0.005	0.0578	0.0881
MW - 7	02/10/10	**0.5410**	<0.005	0.0614	0.0955
MW - 7	05/25/10	PSH	-	-	-
MW - 7	08/12/10	PSH	-	-	-
MW - 7	11/17/10	PSH	-	-	-
MW - 7	02/22/11	PSH	-	-	-
MW - 7	05/17/11	PSH	-	-	-
MW - 7	08/11/11	PSH	-	-	-
MW - 7	11/09/11	PSH	-	-	-
MW - 7	03/01/12	PSH	-	-	-
MW - 7	05/23/12	PSH	-	-	-
MW - 7	08/09/12	PSH	-	-	-
MW - 7	11/20/12	PSH	-	-	-
MW - 7	02/12/13	PSH	-	-	-
MW - 7	05/15/13	PSH	-	-	-
MW - 7	08/07/13	PSH	-	-	-
MW - 7	11/26/13	PSH	-	-	-
MW - 7	02/10/14	PSH	-	-	-
MW - 7	05/22/14	PSH	-	-	-
MW - 7	08/13/14	PSH	-	-	-
MW - 7	11/05/14	PSH	-	-	-
MW - 7	02/17/15	PSH	-	-	-
MW - 7	05/14/15	PSH	-	-	-
MW - 7	08/04/15	PSH	-	-	-
MW - 7	11/16/15	PSH	-	-	-
MW - 7	02/10/16	PSH	-	-	-
MW - 7	05/25/16	PSH	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 7	08/19/16	PSH	-	-	-
MW - 7	03/01/17	PSH	-	-	-
MW - 7	05/18/17	NS	-	-	-
MW - 7	08/15/17	PSH	-	-	-
MW - 7	11/15/17	PSH	-	-	-
MW - 7	02/20/18	PSH	-	-	-
MW - 7	05/16/18	PSH	-	-	-
MW - 7	08/14/18	**0.242**	<0.0100	0.0323	0.1088
MW - 7	11/29/18	**0.294**	<0.0500	0.0670	0.2390
MW - 7	03/05/19	**0.0483**	0.00203	0.00766	0.02470
MW - 7	05/14/19	**0.128**	0.0106	0.0283	0.0812
MW - 7	09/10/19	**0.168**	0.0108	0.0268	0.1029
MW - 7	12/04/19	**0.151**	0.0146	0.0363	0.1566
MW - 7	02/13/20	**0.206**	0.0902	0.137	0.494
MW - 7	06/25/20	**0.182**	0.0872	0.0846	0.351
MW - 7	08/18/20	PSH	-	-	-
MW - 7	11/11/20	PSH	-	-	-
MW - 7	03/18/21	PSH	-	-	-
MW - 7	05/27/21	PSH	-	-	-
MW - 7	09/29/21	PSH	-	-	-
MW - 7	12/01/21	PSH	-	-	-
MW - 7	03/04/22	PSH	-	-	-
MW - 7	06/02/22	PSH	-	-	-
MW - 7	08/24/22	PSH	-	-	-
MW - 7	10/18/22	PSH	-	-	-
MW - 7	03/08/23	PSH	-	-	-
MW - 7	05/02/23	PSH	-	-	-
MW - 7	08/29/23	PSH	-	-	-
MW - 7	11/28/23	PSH	-	-	-
MW - 7	03/25/24	PSH	-	-	-
MW - 7	06/20/24	PSH	-	-	-
MW - 7	09/12/24	PSH			
MW - 7	11/14/24	PSH			
MW - 8	06/07/02	<0.001	<0.001	<0.001	<0.001
MW - 8	09/27/02	<0.001	<0.001	<0.001	<0.001
MW - 8	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 8	02/25/03	<0.001	<0.001	<0.001	<0.001
MW - 8	05/22/03	<0.001	<0.001	<0.001	<0.001
MW - 8	08/27/03	<0.001	<0.001	<0.001	<0.001
MW - 8	11/25/03	<0.001	<0.001	<0.001	<0.002
MW - 8	02/10/04	<0.001	<0.001	<0.001	<0.002
MW - 8	12/01/04	<0.001	<0.001	<0.001	<0.001
MW - 8	03/10/05	NS	-	-	-
MW - 8	06/11/05	NS	-	-	-
MW - 8	09/09/05	NS	-	-	-
MW - 8	12/05/05	<0.001	<0.001	<0.001	<0.001
MW - 8	03/09/06	NS	-	-	-
MW - 8	06/08/06	NS	-	-	-

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LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 8	09/13/06	NS	-	-	-
MW - 8	11/29/06	<0.001	<0.001	<0.001	<0.001
MW - 8	02/26/07	NS	-	-	-
MW - 8	05/21/07	NS	-	-	-
MW - 8	08/16/07	NS	-	-	-
MW - 8	11/07/07	<0.001	<0.001	<0.001	<0.001
MW - 8	02/12/08	NS	-	-	-
MW - 8	05/15/08	NS	-	-	-
MW - 8	08/19/08	NS	-	-	-
MW - 8	11/13/08	<0.001	0.0017	<0.001	<0.001
MW - 8	02/11/09	NS	-	-	-
MW - 8	05/13/09	NS	-	-	-
MW - 8	08/11/09	NS	-	-	-
MW - 8	11/23/09	<0.001	<0.001	<0.001	<0.001
MW - 8	02/10/10	NS	-	-	-
MW - 8	05/25/10	NS	-	-	-
MW - 8	08/12/10	NS	-	-	-
MW - 8	11/17/10	<0.001	<0.001	<0.001	<0.001
MW - 8	02/22/11	NS	-	-	-
MW - 8	05/17/11	NS	-	-	-
MW - 8	08/11/11	NS	-	-	-
MW - 8	11/09/11	<0.001	<0.001	<0.001	<0.001
MW - 8	03/01/12	NS	-	-	-
MW - 8	05/23/12	NS	-	-	-
MW - 8	08/09/12	NS	-	-	-
MW - 8	11/20/12	<0.001	<0.001	<0.001	<0.001
MW - 8	02/12/13	NS	-	-	-
MW - 8	05/15/13	NS	-	-	-
MW - 8	08/07/13	NS	-	-	-
MW - 8	11/26/13	<0.001	<0.001	<0.001	<0.00300
MW - 8	02/10/14	NS	-	-	-
MW - 8	05/22/14	NS	-	-	-
MW - 8	08/13/14	NS	-	-	-
MW - 8	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 8	02/17/15	NS	-	-	-
MW - 8	05/14/15	NS	-	-	-
MW - 8	08/04/15	NS	-	-	-
MW - 8	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 8	02/10/16	NS	-	-	-
MW - 8	05/25/16	NS	-	-	-
MW - 8	08/19/16	NS	-	-	-
MW - 8	11/22/16	<0.00200	<0.00200	<0.00200	<0.00200
MW - 8	02/28/17	NS	-	-	-
MW - 8	05/18/17	NS	-	-	-
MW - 8	08/15/17	NS	-	-	-
MW - 8	11/16/17	<0.00100	<0.00100	<0.00100	<0.00200
MW - 8	02/20/18	NS	-	-	-
MW - 8	05/16/18	NS	-	-	-
MW - 8	08/14/18	NS	-	-	-

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SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 8	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 8	03/04/19	NS	-	-	-
MW - 8	05/13/19	NS	-	-	-
MW - 8	09/10/19	NS	-	-	-
MW - 8	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 8	02/13/20	NS	-	-	-
MW - 8	06/24/20	NS	-	-	-
MW - 8	08/18/20	NS	-	-	-
MW - 8	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 8	03/17/21	NS	-	-	-
MW - 8	05/27/21	NS	-	-	-
MW - 8	09/28/21	NS	-	-	-
MW - 8	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 8	03/03/22	NS	-	-	-
MW - 8	06/01/22	NS	-	-	-
MW - 8	08/23/22	NS	-	-	-
MW - 8	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 8	03/08/23	NS	-	-	-
MW - 8	05/02/23	NS	-	-	-
MW - 8	08/29/23	NS	-	-	-
MW - 8	11/29/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 8	03/25/24	NS	-	-	-
MW - 8	06/20/24	NS	-	-	-
MW - 8	09/12/24	NS	-	-	-
MW - 8	11/14/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 9	06/07/02	<0.001	<0.001	<0.001	<0.001
MW - 9	09/27/02	<0.001	<0.001	<0.001	<0.001
MW - 9	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 9	02/25/03	<0.001	<0.001	<0.001	<0.001
MW - 9	05/22/03	<0.001	<0.001	<0.001	<0.001
MW - 9	08/27/03	<0.001	<0.001	<0.001	<0.001
MW - 9	11/25/03	<0.001	<0.001	<0.001	<0.002
MW - 9	02/10/04	<0.001	<0.001	<0.001	<0.002
MW - 9	12/01/04	<0.001	<0.001	<0.001	<0.001
MW - 9	03/10/05	NS	-	-	-
MW - 9	06/11/05	NS	-	-	-
MW - 9	09/09/05	NS	-	-	-
MW - 9	12/05/05	<0.001	<0.001	<0.001	<0.001
MW - 9	03/09/06	NS	-	-	-
MW - 9	06/08/06	NS	-	-	-
MW - 9	09/13/06	NS	-	-	-
MW - 9	11/29/06	<0.001	<0.001	<0.001	<0.001
MW - 9	02/26/07	NS	-	-	-
MW - 9	05/21/07	NS	-	-	-
MW - 9	08/16/07	NS	-	-	-
MW - 9	11/07/07	<0.001	<0.001	<0.001	<0.001
MW - 9	02/12/08	NS	-	-	-
MW - 9	05/15/08	NS	-	-	-

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SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 9	08/19/08	NS	-	-	-
MW - 9	11/13/08	<0.001	<0.001	<0.001	<0.001
MW - 9	02/11/09	NS	-	-	-
MW - 9	05/13/09	NS	-	-	-
MW - 9	08/11/09	NS	-	-	-
MW - 9	11/23/09	<0.001	<0.001	<0.001	<0.001
MW - 9	02/10/10	NS	-	-	-
MW - 9	05/25/10	NS	-	-	-
MW - 9	08/12/10	NS	-	-	-
MW - 9	11/17/10	<0.001	<0.001	<0.001	<0.001
MW - 9	02/22/11	NS	-	-	-
MW - 9	05/17/11	NS	-	-	-
MW - 9	08/11/11	NS	-	-	-
MW - 9	11/09/11	<0.001	<0.001	<0.001	<0.001
MW - 9	03/01/12	NS	-	-	-
MW - 9	05/23/12	NS	-	-	-
MW - 9	08/09/12	NS	-	-	-
MW - 9	11/20/12	<0.001	<0.001	<0.001	<0.001
MW - 9	02/12/13	NS	-	-	-
MW - 9	05/15/13	NS	-	-	-
MW - 9	08/07/13	NS	-	-	-
MW - 9	11/26/13	<0.001	<0.001	<0.001	<0.00300
MW - 9	02/10/14	NS	-	-	-
MW - 9	05/22/14	NS	-	-	-
MW - 9	08/13/14	NS	-	-	-
MW - 9	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 9	02/17/15	NS	-	-	-
MW - 9	05/14/15	NS	-	-	-
MW - 9	08/04/15	NS	-	-	-
MW - 9	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 9	02/10/16	NS	-	-	-
MW - 9	05/25/16	NS	-	-	-
MW - 9	08/19/16	NS	-	-	-
MW - 9	11/22/16	<0.00200	<0.00200	<0.00200	<0.00200
MW - 9	02/28/17	NS	-	-	-
MW - 9	05/18/17	NS	-	-	-
MW - 9	08/15/17	NS	-	-	-
MW - 9	11/16/17	<0.00100	<0.00100	<0.00100	<0.00200
MW - 9	02/20/18	NS	-	-	-
MW - 9	05/16/18	NS	-	-	-
MW - 9	08/14/18	NS	-	-	-
MW - 9	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 9	03/04/19	NS	-	-	-
MW - 9	05/13/19	NS	-	-	-
MW - 9	09/10/19	NS	-	-	-
MW - 9	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 9	02/13/20	NS	-	-	-
MW - 9	06/24/20	NS	-	-	-
MW - 9	08/18/20	NS	-	-	-

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NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 9	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 9	03/17/21	NS	-	-	-
MW - 9	05/27/21	NS	-	-	-
MW - 9	09/28/21	NS	-	-	-
MW - 9	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 9	03/03/22	NS	-	-	-
MW - 9	06/01/22	NS	-	-	-
MW - 9	08/23/22	NS	-	-	-
MW - 9	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 9	03/08/23	NS	-	-	-
MW - 9	05/02/23	NS	-	-	-
MW - 9	08/29/23	NS	-	-	-
MW - 9	11/29/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 9	03/25/24	NS	-	-	-
MW - 9	06/20/24	NS	-	-	-
MW - 9	09/12/24	NS	-	-	-
MW - 9	11/14/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 10	06/07/02	**0.1420**	<0.005	0.0230	0.0070
MW - 10	11/25/03	**0.1760**	<0.001	0.0340	0.0150
MW - 10	02/10/04	**0.1610**	<0.001	0.0320	0.0130
MW - 10	05/10/04	**0.1810**	<0.001	0.0232	0.0083
MW - 10	03/10/05	PSH	-	-	-
MW - 10	06/11/05	PSH	-	-	-
MW - 10	09/09/05	PSH	-	-	-
MW - 10	12/05/05	PSH	-	-	-
MW - 10	03/09/06	PSH	-	-	-
MW - 10	06/08/06	PSH	-	-	-
MW - 10	09/13/06	PSH	-	-	-
MW - 10	11/29/06	PSH	-	-	-
MW - 10	02/26/07	PSH	-	-	-
MW - 10	05/21/07	PSH	-	-	-
MW - 10	08/16/07	PSH	-	-	-
MW - 10	11/07/07	**0.1840**	<0.02	<0.02	0.0782
MW - 10	02/12/08	**0.2640**	<0.001	0.0059	0.0577
MW - 10	05/15/08	**0.2260**	<0.005	<0.005	0.0229
MW - 10	08/18/08	**0.2340**	0.0086	0.0072	0.0186
MW - 10	11/13/08	**0.2250**	<0.005	<0.005	<0.005
MW - 10	02/11/09	**0.2450**	<0.005	0.0091	0.0370
MW - 10	05/13/09	**0.2550**	<0.005	0.0299	0.0735
MW - 10	08/11/09	**0.2900**	<0.005	0.0310	0.0590
MW - 10	11/23/09	**0.2420**	<0.005	<0.005	<0.005
MW - 10	02/10/10	**0.2660**	<0.005	0.0114	0.0307
MW - 10	05/25/10	**0.2480**	<0.005	<0.005	<0.005
MW - 10	08/12/10	**0.2250**	<0.100	<0.100	<0.100
MW - 10	11/17/10	**0.5640**	<0.100	0.3550	<0.100
MW - 10	02/22/11	**0.8080**	<0.100	<0.100	<0.100
MW - 10	05/17/11	**1.0400**	<0.100	<0.100	<0.100
MW - 10	08/11/11	**0.4890**	<0.100	<0.100	<0.100

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WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 10	11/09/11	**0.2510**	<0.100	<0.100	<0.100
MW - 10	03/01/12	**0.8820**	<0.100	<0.100	<0.100
MW - 10	05/23/12	**0.2620**	<0.050	<0.050	<0.050
MW - 10	08/09/12	**0.2410**	<0.050	<0.050	<0.050
MW - 10	11/20/12	**0.259**	<0.01	<0.01	<0.01
MW - 10	02/12/13	**0.266**	<0.02	<0.02	<0.02
MW - 10	05/15/13	**0.273**	<0.0500	<0.0500	<0.0500
MW - 10	08/07/13	**0.320**	<0.00100	<0.00100	0.0228
MW - 10	11/26/13	**0.308**	<0.00100	0.0041	0.0111
MW - 10	02/10/14	**0.201**	<0.0500	<0.0500	<0.150
MW - 10	05/22/14	PSH	-	-	-
MW - 10	08/13/14	PSH	-	-	-
MW - 10	11/05/14	**0.223**	<0.0500	<0.0500	<0.0500
MW - 10	02/17/15	**0.232**	<0.0500	<0.0500	<0.0500
MW - 10	05/14/15	**0.215**	<0.0500	<0.0500	<0.0500
MW - 10	08/04/15	**0.274**	<0.0500	<0.0500	<0.0500
MW - 10	11/17/15	**0.298**	<0.0500	<0.0500	<0.0500
MW - 10	02/10/16	**0.258**	<0.0500	<0.0500	<0.0500
MW - 10	05/25/16	**0.316**	<0.00100	<0.00100	0.00810
MW - 10	08/19/16	**0.250**	<0.0500	<0.0500	<0.0500
MW - 10	11/22/16	**0.313**	0.0207	0.00963	0.118
MW - 10	02/28/17	**0.264**	0.0403	0.0625	<0.0500
MW - 10	05/18/17	**0.279**	0.00890	<0.00200	0.0379
MW - 10	08/15/17	**0.326**	0.00747	0.00440	0.0298
MW - 10	11/16/17	**0.244**	0.00201	0.0227	0.01144
MW - 10	02/20/18	**0.0309**	0.00225	<0.00200	0.00892
MW - 10	05/16/18	**0.223**	<0.0200	<0.0200	<0.0400
MW - 10	08/14/18	**0.213**	<0.0100	0.0131	<0.0200
MW - 10	11/29/18	**0.213**	<0.0100	0.0275	<0.0200
MW - 10	03/05/19	**0.257**	0.00344	0.0226	0.01307
MW - 10	05/14/19	**0.163**	<0.00100	0.0204	0.0196
MW - 10	09/10/19	**0.318**	<0.00100	0.0226	0.03642
MW - 10	12/04/19	**0.234**	0.00158	0.0172	0.00667
MW - 10	02/13/20	**0.196**	0.00860	0.0104	0.0562
MW - 10	06/25/20	**0.160**	0.00680	0.00570	0.03072
MW - 10	08/19/20	**0.218**	0.0104	0.00762	0.0414
MW - 10	11/11/20	**0.319**	0.00297	<0.00100	0.00361
MW - 10	03/17/21	**0.257**	0.0228	0.0143	0.0466
MW - 10	05/27/21	**0.273**	0.00590	0.00220	0.0150
MW - 10	09/29/21	**0.192**	0.0115	0.00682	0.0442
MW - 10	12/01/21	**0.263**	0.00238	<0.00100	0.00397
MW - 10	03/04/22	**0.319**	0.00675	0.00349	0.02362
MW - 10	06/02/22	**0.270**	0.00800	0.00442	0.0372
MW - 10	08/24/22	**0.246**	0.00512	0.00291	0.01875
MW - 10	10/19/22	**0.239**	0.00185	0.00170	0.00570
MW - 10	03/08/23	**1.35**	0.118	0.130	**0.651**
MW - 10	05/02/23	**0.354**	0.0108	0.0107	0.0458
MW - 10	08/31/23	**0.208**	0.0106	<0.00100	0.0474
MW - 10	11/29/23	**0.230**	0.00377	<0.00100	0.0109

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 10	03/27/24	**0.26**	0.00449	0.00406	**0.010**
MW - 10	06/20/24	**0.241**	0.00534	0.00502	0.00938
MW - 10	09/12/24	**0.232**	0.00293	0.00136	0.00543
MW - 10	11/14/24	**0.269**	0.01060	0.009	0.0712
MW - 11	06/07/02	0.0010	0.0010	<0.001	<0.001
MW - 11	09/27/02	<0.001	<0.001	<0.001	<0.001
MW - 11	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 11	02/25/03	<0.001	<0.001	<0.001	<0.001
MW - 11	05/22/03	<0.001	<0.001	<0.001	<0.001
MW - 11	08/27/03	<0.001	<0.001	<0.001	<0.001
MW - 11	11/25/03	<0.001	<0.001	<0.001	<0.002
MW - 11	02/10/04	0.0050	<0.001	<0.001	<0.002
MW - 11	12/02/04	<0.001	<0.001	<0.001	0.0010
MW - 11	03/10/05	NS	-	-	-
MW - 11	06/11/05	NS	-	-	-
MW - 11	09/09/05	NS	-	-	-
MW - 11	12/05/05	<0.001	<0.001	<0.001	<0.001
MW - 11	03/09/06	NS	-	-	-
MW - 11	06/08/06	NS	-	-	-
MW - 11	09/13/06	NS	-	-	-
MW - 11	11/29/06	<0.001	<0.001	<0.001	<0.001
MW - 11	02/26/07	NS	-	-	-
MW - 11	05/21/07	NS	-	-	-
MW - 11	08/16/07	NS	-	-	-
MW - 11	11/07/07	<0.001	<0.001	<0.001	<0.001
MW - 11	02/12/08	NS	-	-	-
MW - 11	05/15/08	NS	-	-	-
MW - 11	08/18/08	NS	-	-	-
MW - 11	11/13/08	<0.001	<0.001	<0.001	<0.001
MW - 11	02/11/09	NS	-	-	-
MW - 11	05/13/09	NS	-	-	-
MW - 11	08/11/09	NS	-	-	-
MW - 11	11/23/09	<0.001	<0.001	<0.001	<0.001
MW - 11	02/10/10	NS	-	-	-
MW - 11	05/25/10	NS	-	-	-
MW - 11	08/12/10	NS	-	-	-
MW - 11	11/17/10	<0.001	<0.001	<0.001	<0.001
MW - 11	02/22/11	NS	-	-	-
MW - 11	05/17/11	NS	-	-	-
MW - 11	08/11/11	NS	-	-	-
MW - 11	11/09/11	<0.001	<0.001	<0.001	<0.001
MW - 11	03/01/12	NS	-	-	-
MW - 11	05/23/12	NS	-	-	-
MW - 11	08/09/12	NS	-	-	-
MW - 11	11/20/12	<0.001	<0.001	<0.001	<0.001
MW - 11	02/12/13	NS	-	-	-
MW - 11	05/15/13	NS	-	-	-
MW - 11	08/07/13	NS	-	-	-

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SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 11	11/26/13	<0.001	<0.001	<0.001	<0.00300
MW - 11	02/10/14	NS	-	-	-
MW - 11	05/22/14	NS	-	-	-
MW - 11	08/13/14	NS	-	-	-
MW - 11	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 11	02/17/15	NS	-	-	-
MW - 11	05/14/15	NS	-	-	-
MW - 11	08/04/15	NS	-	-	-
MW - 11	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 11	02/10/16	NS	-	-	-
MW - 11	05/25/16	NS	-	-	-
MW - 11	08/19/16	NS	-	-	-
MW - 11	11/21/16	<0.00200	<0.00200	<0.00200	<0.00200
MW - 11	02/28/17	NS	-	-	-
MW - 11	05/18/17	NS	-	-	-
MW - 11	08/15/17	NS	-	-	-
MW - 11	11/15/17	<0.00100	<0.00100	0.00119	0.00368
MW - 11	02/20/18	NS	-	-	-
MW - 11	05/16/18	NS	-	-	-
MW - 11	08/14/18	NS	-	-	-
MW - 11	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 11	03/04/19	NS	-	-	-
MW - 11	05/13/19	NS	-	-	-
MW - 11	09/10/19	NS	-	-	-
MW - 11	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 11	02/13/20	NS	-	-	-
MW - 11	06/24/20	NS	-	-	-
MW - 11	08/18/20	NS	-	-	-
MW - 11	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 11	03/17/21	NS	-	-	-
MW - 11	05/27/21	NS	-	-	-
MW - 11	09/28/21	NS	-	-	-
MW - 11	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 11	03/03/22	NS	-	-	-
MW - 11	06/01/22	NS	-	-	-
MW - 11	08/23/22	NS	-	-	-
MW - 11	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 11	03/08/23	NS	-	-	-
MW - 11	05/02/23	NS	-	-	-
MW - 11	08/29/23	NS	-	-	-
MW - 11	11/28/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 11	03/25/24	NS	-	-	-
MW - 11	06/20/24	NS	-	-	-
MW - 11	09/12/24	NS	-	-	-
MW - 11	11/14/24	<0.00100	<0.00100	<0.00100	0.00103
MW - 12	06/07/02	<0.001	<0.001	<0.001	<0.001
MW - 12	09/27/02	0.0010	<0.001	<0.001	<0.001
MW - 12	12/04/02	<0.001	<0.001	<0.001	<0.001

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WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 12	02/25/03	<0.001	<0.001	<0.001	<0.001
MW - 12	05/22/03	<0.001	<0.001	<0.001	<0.001
MW - 12	08/27/03	<0.001	<0.001	<0.001	<0.001
MW - 12	11/25/03	<0.001	<0.001	<0.001	<0.002
MW - 12	02/10/04	<0.001	<0.001	<0.001	<0.002
MW - 12	12/02/04	<0.001	<0.001	<0.001	0.0082
MW - 12	03/10/05	NS	-	-	-
MW - 12	06/11/05	NS	-	-	-
MW - 12	09/09/05	NS	-	-	-
MW - 12	12/05/05	<0.001	<0.001	<0.001	<0.001
MW - 12	03/09/06	NS	-	-	-
MW - 12	06/08/06	NS	-	-	-
MW - 12	09/13/06	NS	-	-	-
MW - 12	11/29/06	<0.001	<0.001	<0.001	<0.001
MW - 12	02/26/07	NS	-	-	-
MW - 12	05/21/07	NS	-	-	-
MW - 12	08/16/07	NS	-	-	-
MW - 12	11/07/07	0.0052	<0.001	<0.001	0.0138
MW - 12	02/12/08	NS	-	-	-
MW - 12	05/15/08	NS	-	-	-
MW - 12	08/18/08	NS	-	-	-
MW - 12	11/13/08	<0.001	<0.001	<0.001	0.0148
MW - 12	02/11/09	NS	-	-	-
MW - 12	05/13/09	NS	-	-	-
MW - 12	08/11/09	NS	-	-	-
MW - 12	11/23/09	<0.001	<0.001	<0.001	0.0019
MW - 12	02/10/10	NS	-	-	-
MW - 12	05/25/10	NS	-	-	-
MW - 12	08/12/10	NS	-	-	-
MW - 12	11/17/10	<0.001	<0.001	<0.001	<0.001
MW - 12	02/22/11	NS	-	-	-
MW - 12	05/17/11	NS	-	-	-
MW - 12	08/11/11	NS	-	-	-
MW - 12	11/09/11	<0.001	<0.001	<0.001	<0.001
MW - 12	03/01/12	NS	-	-	-
MW - 12	05/23/12	NS	-	-	-
MW - 12	08/09/12	NS	-	-	-
MW - 12	11/20/12	<0.001	<0.001	<0.001	<0.001
MW - 12	02/12/13	NS	-	-	-
MW - 12	05/15/13	NS	-	-	-
MW - 12	08/07/13	NS	-	-	-
MW - 12	11/26/13	<0.001	<0.001	<0.001	<0.00300
MW - 12	02/10/14	NS	-	-	-
MW - 12	05/22/14	NS	-	-	-
MW - 12	08/13/14	NS	-	-	-
MW - 12	11/05/14	<0.00100	<0.00100	<0.00100	0.00130
MW - 12	02/17/15	NS	-	-	-
MW - 12	05/14/15	NS	-	-	-
MW - 12	08/04/15	NS	-	-	-

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LEA COUNTY, NM
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WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 12	11/16/15	0.00120	<0.00100	0.00200	0.00380
MW - 12	02/10/16	NS	-	-	-
MW - 12	05/25/16	NS	-	-	-
MW - 12	08/19/16	NS	-	-	-
MW - 12	11/22/16	<0.00200	<0.00200	<0.00200	<0.00200
MW - 12	02/28/17	NS	-	-	-
MW - 12	05/18/17	NS	-	-	-
MW - 12	08/15/17	NS	-	-	-
MW - 12	11/15/17	<0.00100	<0.00100	<0.00100	0.00639
MW - 12	02/20/18	NS	-	-	-
MW - 12	05/16/18	NS	-	-	-
MW - 12	08/14/18	NS	-	-	-
MW - 12	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 12	03/04/19	NS	-	-	-
MW - 12	05/13/19	NS	-	-	-
MW - 12	09/10/19	NS	-	-	-
MW - 12	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 12	02/13/20	NS	-	-	-
MW - 12	06/24/20	NS	-	-	-
MW - 12	08/18/20	NS	-	-	-
MW - 12	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 12	03/17/21	NS	-	-	-
MW - 12	05/27/21	NS	-	-	-
MW - 12	09/28/21	NS	-	-	-
MW - 12	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 12	03/04/22	NS	-	-	-
MW - 12	06/01/22	NS	-	-	-
MW - 12	08/23/22	NS	-	-	-
MW - 12	10/19/22	<0.00100	<0.00100	<0.00100	0.00136
MW - 12	03/08/23	NS	-	-	-
MW - 12	05/02/23	NS	-	-	-
MW - 12	08/29/23	NS	-	-	-
MW - 12	11/29/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 12	03/25/24	NS	-	-	-
MW - 12	06/20/24	NS	-	-	-
MW - 12	09/12/24	NS	-	-	-
MW - 12	11/14/24	<0.00100	0.00104	<0.00100	0.00157
MW-13	02/25/03	<0.001	<0.001	<0.001	<0.001
MW-13	05/22/03	<0.001	<0.001	<0.001	<0.001
MW-13	08/27/03	<0.001	<0.001	<0.001	<0.001
MW-13	11/25/03	<0.001	<0.001	<0.001	<0.002
MW-13	02/10/04	<0.001	<0.001	<0.001	<0.002
MW-13	12/01/04	<0.005	<0.005	<0.005	<0.005
MW-13	06/11/05	NS	-	-	-
MW-13	09/09/05	NS	-	-	-
MW-13	09/13/05	P&A	-	-	-
MW - 14	06/07/02	<0.001	<0.001	<0.001	<0.001
MW - 14	09/27/02	<0.001	<0.001	<0.001	<0.001

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WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		0.01	0.75	0.75	0.62
MW - 14	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 14	02/25/03	<0.001	<0.001	<0.001	<0.001
MW - 14	05/22/03	<0.001	<0.001	<0.001	<0.001
MW - 14	08/27/03	<0.001	<0.001	<0.001	<0.001
MW - 14	11/25/03	<0.001	<0.001	<0.001	<0.002
MW - 14	02/10/04	<0.001	<0.001	<0.001	<0.002
MW - 14	12/02/04	<0.001	<0.001	<0.001	<0.001
MW - 14	03/10/05	NS	-	-	-
MW - 14	06/11/05	NS	-	-	-
MW - 14	09/09/05	NS	-	-	-
MW - 14	12/05/05	<0.001	<0.001	<0.001	<0.001
MW - 14	03/09/06	NS	-	-	-
MW - 14	06/08/06	NS	-	-	-
MW - 14	09/13/06	NS	-	-	-
MW - 14	11/29/06	<0.001	<0.001	<0.001	<0.001
MW - 14	02/26/07	NS	-	-	-
MW - 14	05/21/07	NS	-	-	-
MW - 14	08/16/07	NS	-	-	-
MW - 14	11/07/07	<0.001	<0.001	<0.001	<0.001
MW - 14	02/12/08	NS	-	-	-
MW - 14	05/15/08	NS	-	-	-
MW - 14	08/18/08	NS	-	-	-
MW - 14	11/13/08	<0.001	<0.001	<0.001	<0.001
MW - 14	02/11/09	NS	-	-	-
MW - 14	05/13/09	NS	-	-	-
MW - 14	08/11/09	NS	-	-	-
MW - 14	11/23/09	<0.001	<0.001	<0.001	<0.001
MW - 14	02/10/10	NS	-	-	-
MW - 14	05/25/10	NS	-	-	-
MW - 14	08/12/10	NS	-	-	-
MW - 14	11/17/10	<0.001	<0.001	<0.001	<0.001
MW - 14	02/22/11	NS	-	-	-
MW - 14	05/17/11	NS	-	-	-
MW - 14	08/11/11	NS	-	-	-
MW - 14	11/09/11	<0.001	<0.001	<0.001	<0.001
MW - 14	03/01/12	NS	-	-	-
MW - 14	05/23/12	NS	-	-	-
MW - 14	08/09/12	NS	-	-	-
MW - 14	11/20/12	<0.001	<0.001	<0.001	<0.001
MW - 14	02/12/13	NS	-	-	-
MW - 14	05/15/13	NS	-	-	-
MW - 14	08/07/13	NS	-	-	-
MW - 14	11/26/13	<0.001	<0.001	<0.001	<0.00300
MW - 14	02/10/14	NS	-	-	-
MW - 14	05/22/14	NS	-	-	-
MW - 14	08/13/14	NS	-	-	-
MW - 14	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 14	02/17/15	NS	-	-	-
MW - 14	05/14/15	NS	-	-	-

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WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 14	08/04/15	NS	-	-	-
MW - 14	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 14	02/10/16	NS	-	-	-
MW - 14	05/25/16	NS	-	-	-
MW - 14	08/19/16	NS	-	-	-
MW - 14	11/21/16	<0.00200	<0.00200	<0.00200	<0.00200
MW - 14	02/28/17	NS	-	-	-
MW - 14	05/18/17	NS	-	-	-
MW - 14	08/15/17	NS	-	-	-
MW - 14	11/15/17	<0.00100	<0.00100	<0.00100	0.00212
MW - 14	02/20/18	NS	-	-	-
MW - 14	05/16/18	NS	-	-	-
MW - 14	08/14/18	NS	-	-	-
MW - 14	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 14	03/04/19	NS	-	-	-
MW - 14	05/13/19	NS	-	-	-
MW - 14	09/10/19	NS	-	-	-
MW - 14	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 14	02/13/20	NS	-	-	-
MW - 14	06/24/20	NS	-	-	-
MW - 14	08/18/20	NS	-	-	-
MW - 14	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 14	03/17/21	NS	-	-	-
MW - 14	05/27/21	NS	-	-	-
MW - 14	09/28/21	NS	-	-	-
MW - 14	12/01/21	<0.00100	<0.00100	<0.00100	0.00209
MW - 14	03/03/22	NS	-	-	-
MW - 14	06/01/22	NS	-	-	-
MW - 14	08/23/22	NS	-	-	-
MW - 14	10/19/22	<0.00100	<0.00100	<0.00100	0.00157
MW - 14	03/08/23	NS	-	-	-
MW - 14	05/02/23	NS	-	-	-
MW - 14	08/29/23	NS	-	-	-
MW - 14	11/28/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 14	03/25/24	NS	-	-	-
MW - 14	06/20/24	NS	-	-	-
MW - 14	09/12/24	NS	-	-	-
MW - 14	11/14/24	<0.00100	<0.00100	<0.00100	0.00161
MW - 15	06/07/02	0.0020	0.0010	0.0020	<0.001
MW - 15	09/27/02	<0.001	<0.001	<0.001	<0.001
MW - 15	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 15	02/25/03	<0.001	<0.001	<0.001	<0.001
MW - 15	05/22/03	<0.001	<0.001	<0.001	<0.001
MW - 15	08/27/03	<0.001	<0.001	<0.001	<0.001
MW - 15	11/25/03	<0.001	<0.001	<0.001	<0.002
MW - 15	02/10/04	<0.001	<0.001	<0.001	<0.002
MW - 15	12/01/04	<0.001	<0.001	<0.001	<0.001
MW - 15	03/10/05	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 15	06/11/05	NS	-	-	-
MW - 15	09/09/05	NS	-	-	-
MW - 15	12/05/05	<0.001	<0.001	<0.001	<0.001
MW - 15	03/09/06	NS	-	-	-
MW - 15	06/08/06	NS	-	-	-
MW - 15	09/13/06	NS	-	-	-
MW - 15	11/29/06	<0.001	<0.001	<0.001	<0.001
MW - 15	02/26/07	NS	-	-	-
MW - 15	05/21/07	NS	-	-	-
MW - 15	08/16/07	NS	-	-	-
MW - 15	11/07/07	<0.001	<0.001	<0.001	<0.001
MW - 15	02/12/08	NS	-	-	-
MW - 15	05/15/08	NS	-	-	-
MW - 15	08/18/08	NS	-	-	-
MW - 15	11/13/08	<0.001	<0.001	<0.001	<0.001
MW - 15	02/11/09	NS	-	-	-
MW - 15	05/13/09	NS	-	-	-
MW - 15	08/11/09	NS	-	-	-
MW - 15	11/23/09	<0.001	<0.001	<0.001	<0.001
MW - 15	02/10/10	NS	-	-	-
MW - 15	05/25/10	NS	-	-	-
MW - 15	08/12/10	NS	-	-	-
MW - 15	11/17/10	<0.001	<0.001	<0.001	<0.001
MW - 15	02/22/11	NS	-	-	-
MW - 15	05/17/11	NS	-	-	-
MW - 15	08/11/11	NS	-	-	-
MW - 15	11/09/11	<0.001	<0.001	<0.001	<0.001
MW - 15	03/01/12	NS	-	-	-
MW - 15	05/23/12	NS	-	-	-
MW - 15	08/09/12	NS	-	-	-
MW - 15	11/20/12	<0.001	<0.001	<0.001	<0.001
MW - 15	02/12/13	NS	-	-	-
MW - 15	05/15/13	NS	-	-	-
MW - 15	08/07/13	NS	-	-	-
MW - 15	11/26/13	<0.001	<0.001	<0.001	<0.00300
MW - 15	02/10/14	NS	-	-	-
MW - 15	05/22/14	NS	-	-	-
MW - 15	08/13/14	NS	-	-	-
MW - 15	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 15	02/17/15	NS	-	-	-
MW - 15	05/14/15	NS	-	-	-
MW - 15	08/04/15	NS	-	-	-
MW - 15	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 15	02/10/16	NS	-	-	-
MW - 15	05/25/16	NS	-	-	-
MW - 15	08/19/16	NS	-	-	-
MW - 15	11/21/16	<0.00200	<0.00200	<0.00200	<0.00200
MW - 15	02/28/17	NS	-	-	-
MW - 15	05/18/17	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 15	08/15/17	NS	-	-	-
MW - 15	11/15/17	<0.00100	<0.00100	<0.00100	<0.00200
MW - 15	02/20/18	NS	-	-	-
MW - 15	05/16/18	NS	-	-	-
MW - 15	08/14/18	NS	-	-	-
MW - 15	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 15	03/04/19	NS	-	-	-
MW - 15	05/13/19	NS	-	-	-
MW - 15	09/10/19	NS	-	-	-
MW - 15	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 15	02/13/20	NS	-	-	-
MW - 15	06/24/20	NS	-	-	-
MW - 15	08/18/20	NS	-	-	-
MW - 15	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 15	03/17/21	NS	-	-	-
MW - 15	05/27/21	NS	-	-	-
MW - 15	09/28/21	NS	-	-	-
MW - 15	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 15	03/03/22	NS	-	-	-
MW - 15	06/01/22	NS	-	-	-
MW - 15	08/23/22	NS	-	-	-
MW - 15	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 15	03/08/23	NS	-	-	-
MW - 15	05/02/23	NS	-	-	-
MW - 15	08/29/23	NS	-	-	-
MW - 15	11/28/23	Dry	-	-	-
MW - 15	03/25/24	NS	-	-	-
MW - 15	06/20/24	NS	-	-	-
MW - 15	09/12/24	NS	-	-	-
MW - 15	11/15/24	Dry	-	-	-
MW - 16	06/07/02	0.0010	<0.001	0.0010	<0.001
MW - 16	09/27/02	<0.001	<0.001	<0.001	<0.001
MW - 16	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 16	02/25/03	<0.001	<0.001	<0.001	<0.001
MW - 16	05/22/03	<0.001	<0.001	<0.001	<0.001
MW - 16	08/27/03	<0.001	<0.001	<0.001	<0.001
MW - 16	11/25/03	<0.001	<0.001	<0.001	<0.002
MW - 16	02/10/04	<0.001	<0.001	<0.001	<0.002
MW - 16	12/01/04	<0.001	<0.001	<0.001	<0.001
MW - 16	03/10/05	NS	-	-	-
MW - 16	06/11/05	NS	-	-	-
MW - 16	09/09/05	NS	-	-	-
MW - 16	12/05/05	<0.001	<0.001	<0.001	<0.001
MW - 16	03/09/06	NS	-	-	-
MW - 16	06/08/06	NS	-	-	-
MW - 16	09/13/06	NS	-	-	-
MW - 16	11/29/06	<0.001	<0.001	<0.001	<0.001
MW - 16	02/26/07	NS	-	-	-

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TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 16	05/21/07	NS	-	-	-
MW - 16	08/16/07	NS	-	-	-
MW - 16	11/07/07	<0.001	<0.001	<0.001	<0.001
MW - 16	02/12/08	NS	-	-	-
MW - 16	05/15/08	NS	-	-	-
MW - 16	08/18/08	NS	-	-	-
MW - 16	11/13/08	<0.001	<0.001	<0.001	<0.001
MW - 16	02/11/09	NS	-	-	-
MW - 16	05/13/09	NS	-	-	-
MW - 16	08/11/09	NS	-	-	-
MW - 16	11/23/09	<0.001	<0.001	<0.001	<0.001
MW - 16	02/10/10	NS	-	-	-
MW - 16	05/25/10	NS	-	-	-
MW - 16	08/12/10	NS	-	-	-
MW - 16	11/17/10	<0.001	<0.001	<0.001	<0.001
MW - 16	02/22/11	NS	-	-	-
MW - 16	05/17/11	NS	-	-	-
MW - 16	08/11/11	NS	-	-	-
MW - 16	11/09/11	<0.001	<0.001	<0.001	<0.001
MW - 16	03/01/12	NS	-	-	-
MW - 16	05/23/12	NS	-	-	-
MW - 16	08/09/12	NS	-	-	-
MW - 16	11/20/12	<0.001	<0.001	<0.001	<0.001
MW - 16	02/12/13	NS	-	-	-
MW - 16	05/15/13	NS	-	-	-
MW - 16	08/07/13	NS	-	-	-
MW - 16	11/26/13	<0.001	<0.001	<0.001	<0.00300
MW - 16	02/10/14	NS	-	-	-
MW - 16	05/22/14	NS	-	-	-
MW - 16	08/13/14	NS	-	-	-
MW - 16	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 16	02/17/15	NS	-	-	-
MW - 16	05/14/15	NS	-	-	-
MW - 16	08/04/15	NS	-	-	-
MW - 16	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 16	02/10/16	NS	-	-	-
MW - 16	05/25/16	NS	-	-	-
MW - 16	08/19/16	NS	-	-	-
MW - 16	11/21/16	<0.00200	<0.00200	<0.00200	<0.00200
MW - 16	02/28/17	NS	-	-	-
MW - 16	05/18/17	NS	-	-	-
MW - 16	08/15/17	NS	-	-	-
MW - 16	11/15/17	<0.00100	<0.00100	<0.00100	<0.00200
MW - 16	02/20/18	NS	-	-	-
MW - 16	05/16/18	NS	-	-	-
MW - 16	08/14/18	NS	-	-	-
MW - 16	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 16	03/04/19	NS	-	-	-
MW - 16	05/13/19	NS	-	-	-

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 16	09/10/19	NS	-	-	-
MW - 16	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 16	02/13/20	NS	-	-	-
MW - 16	06/24/20	NS	-	-	-
MW - 16	08/18/20	NS	-	-	-
MW - 16	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 16	03/17/21	NS	-	-	-
MW - 16	05/27/21	NS	-	-	-
MW - 16	09/28/21	NS	-	-	-
MW - 16	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 16	03/03/22	NS	-	-	-
MW - 16	06/01/22	NS	-	-	-
MW - 16	08/23/22	NS	-	-	-
MW - 16	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 16	03/08/23	NS	-	-	-
MW - 16	05/02/23	NS	-	-	-
MW - 16	08/29/23	NS	-	-	-
MW - 16	11/28/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 16	03/25/24	NS	-	-	-
MW - 16	06/20/24	NS	-	-	-
MW - 16	09/12/24	NS	-	-	-
MW - 16	11/14/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 17	06/07/02	**2.0600**	0.0990	**1.1900**	0.3500
MW - 17	09/27/02	**4.7300**	0.1170	**2.2900**	0.5460
MW - 17	12/05/02	**3.6800**	0.1190	**2.5300**	**0.6430**
MW - 17	02/25/03	**3.8000**	0.0460	**2.4400**	0.6070
MW - 17	05/22/03	**3.3700**	0.0370	**2.2400**	0.3870
MW - 17	08/27/03	**3.6000**	0.0310	**2.4400**	0.5370
MW - 17	11/25/03	**3.3100**	0.0020	**2.5400**	0.5140
MW - 17	02/10/04	**3.3300**	0.0010	**2.1900**	0.4312
MW - 17	05/10/04	**2.6400**	0.0014	**2.2700**	0.3015
MW - 17	08/25/04	**3.4500**	0.0016	**1.9900**	0.2943
MW - 17	12/01/04	**1.1500**	<0.05	0.4140	0.0984
MW - 17	03/10/05	**3.3300**	<0.05	**2.1400**	<0.05
MW - 17	06/11/05	**3.0500**	<0.1	**2.0600**	0.3350
MW - 17	09/09/05	**3.4800**	<0.1	**2.3500**	0.4080
MW - 17	12/05/05	**3.3600**	<0.01	**2.3800**	0.3930
MW - 17	03/09/06	**3.1500**	<0.02	**2.3400**	0.3670
MW - 17	06/08/06	**3.3800**	<0.02	**2.5800**	0.3700
MW - 17	09/15/06	**1.7800**	<0.2	**1.1000**	<0.2
MW - 17	11/29/06	**2.7500**	<0.02	**1.8800**	0.4820
MW - 17	02/26/07	**3.0200**	<0.02	**2.5900**	0.3910
MW - 17	05/21/07	**2.0300**	<0.02	**1.7000**	0.2500
MW - 17	08/16/07	**3.0100**	<0.02	**2.5600**	0.3380
MW - 17	11/07/07	**3.3600**	<0.02	**2.2800**	0.3550
MW - 17	02/12/08	**2.8400**	<0.02	**2.3200**	0.3370
MW - 17	05/15/08	**2.5100**	<0.02	**2.0000**	0.2930
MW - 17	08/19/08	**2.6400**	<0.02	**2.0500**	0.3260

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TNM 97-18
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WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 17	11/13/08	**1.8000**	<0.02	**1.4400**	0.2380
MW - 17	02/11/09	**2.3900**	<0.02	**1.8400**	0.2790
MW - 17	05/13/09	**2.2800**	<0.02	**1.8600**	0.4780
MW - 17	08/11/09	**2.6200**	<0.02	**2.1900**	0.5110
MW - 17	11/23/09	**2.1700**	<0.02	**1.6400**	0.1570
MW - 17	02/10/10	**2.0700**	<0.02	**1.5800**	0.3010
MW - 17	05/25/10	**2.5200**	<0.02	**2.1900**	0.3220
MW - 17	08/12/10	**2.2200**	<0.100	**1.7400**	0.4050
MW - 17	11/17/10	**1.8500**	<0.100	**1.7900**	<0.100
MW - 17	02/22/11	**2.1100**	0.6900	**1.8600**	**2.4700**
MW - 17	05/17/11	**2.8700**	<0.100	**1.9200**	**1.7600**
MW - 17	08/11/11	**2.3100**	<0.100	**1.8600**	**1.1300**
MW - 17	11/09/11	**2.1700**	<0.100	**1.4800**	<0.100
MW - 17	03/01/12	**2.3200**	<0.100	**1.7000**	<0.100
MW - 17	05/23/12	**1.9100**	<0.050	**1.2500**	0.2350
MW - 17	08/09/12	**0.0320**	<0.001	0.0206	0.0051
MW - 17	11/20/12	**1.72**	<0.01	**0.934**	0.2280
MW - 17	02/12/13	**2.12**	<0.100	**1.390**	0.3110
MW - 17	05/15/13	**2.27**	<0.0500	**1.420**	0.301
MW - 17	08/07/13	**1.98**	<0.00500	**0.940**	0.254
MW - 17	11/26/13	**1.74**	<0.0500	0.721	0.255
MW - 17	02/10/14	**2.33**	<0.0500	**1.12**	0.254
MW - 17	05/22/14	**1.77**	<0.0500	0.542	0.190
MW - 17	08/13/14	**1.77**	<0.0500	0.632	0.265
MW - 17	11/05/14	**2.47**	<0.0500	**1.410**	0.302
MW - 17	02/17/15	**2.83**	<0.200	**1.26**	0.508
MW - 17	05/14/15	**1.49**	<0.200	**0.580**	<0.200
MW - 17	08/04/15	**1.85**	<0.100	**0.410**	0.252
MW - 17	11/17/15	**2.09**	<0.0500	**0.570**	0.289
MW - 17	02/10/16	**1.94**	<0.0500	**0.480**	0.326
MW - 17	05/25/16	**1.71**	<0.0500	**0.274**	0.189
MW - 17	08/19/16	**1.62**	<0.0500	0.158	0.144
MW - 17	11/22/16	**2.49**	<0.0200	0.501	0.330
MW - 17	03/01/17	**2.19**	<0.0750	0.336	0.395
MW - 17	05/18/17	**3.86**	0.00761	0.351	0.463
MW - 17	08/15/17	**3.97**	<0.0200	0.458	0.523
MW - 17	11/15/17	**1.30**	<0.00100	0.0942	0.12643
MW - 17	02/19/18	**1.39**	0.00526	0.101	0.139
MW - 17	05/16/18	**2.31**	0.00595	0.119	0.270
MW - 17	08/14/18	**1.45**	<0.0100	0.0723	0.254
MW - 17	11/29/18	**1.19**	<0.0100	0.120	0.1562
MW - 17	03/05/19	**1.71**	0.00245	0.0620	0.24599
MW - 17	05/14/19	**1.52**	<0.0100	0.0976	0.236
MW - 17	09/11/19	**1.90**	<0.00100	0.0409	0.1508
MW - 17	12/04/19	**2.69**	0.00271	0.0988	0.212
MW - 17	02/13/20	**2.15**	0.00374	0.0932	0.30561
MW - 17	06/25/20	**1.53**	0.00462	0.0316	0.141
MW - 17	08/19/20	**2.29**	0.0105	0.0198	0.2631
MW - 17	11/11/20	**1.12**	0.0124	0.0135	0.146

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WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 17	03/18/21	**1.44**	0.00509	0.0123	0.17853
MW - 17	05/28/21	**2.65**	0.00472	0.00725	0.19746
MW - 17	09/29/21	**2.07**	0.00689	0.00784	0.205
MW - 17	12/01/21	**1.13**	0.00391	0.00452	0.154
MW - 17	03/04/22	**2.90**	0.0106	0.0113	0.2434
MW - 17	06/02/22	**2.79**	0.00290	0.00265	0.14195
MW - 17	08/24/22	**2.27**	0.00198	0.00135	0.151
MW - 17	10/19/22	**2.52**	0.00287	0.00239	0.152
MW - 17	03/08/23	**1.55**	0.00310	0.00157	0.157
MW - 17	05/02/23	**1.87**	0.00259	0.00134	0.0966
MW - 17	08/31/23	**1.61**	0.00185	0.00126	0.123
MW - 17	10/29/23	**2.04**	0.00224	0.116	0.106
MW - 17	03/27/24	**1.87**	0.00181	0.1420	0.120
MW - 17	06/20/24	**1.73**	0.00178	<0.00100	0.133
MW - 17	09/12/24	**1.36**	0.00167	<0.00100	0.137
MW - 17	11/14/24	**2.25**	0.00110	0.098	0.0982
MW - 18	06/07/02	**0.8150**	0.0340	0.5090	0.0810
MW - 18	09/27/02	**4.8600**	0.1900	**2.3600**	0.2640
MW - 18	12/05/02	**3.3600**	0.2100	**2.7700**	0.4860
MW - 18	02/25/03	**3.2500**	0.2210	**2.6600**	0.5350
MW - 18	05/22/03	**3.1900**	0.1510	**2.6100**	0.4380
MW - 18	08/27/03	**3.7000**	0.1740	**2.6600**	**0.6550**
MW - 18	11/25/03	**3.5400**	0.1220	**2.6300**	**0.6530**
MW - 18	02/10/04	**0.9470**	0.0060	0.6210	0.1030
MW - 18	05/10/04	**3.6200**	0.3260	**2.7700**	0.5530
MW - 18	08/25/04	**1.8300**	0.0024	**2.0000**	0.1196
MW - 18	12/02/04	**1.1600**	<0.0200	**0.9840**	0.1420
MW - 18	03/10/05	**2.3800**	<0.1	**1.2200**	0.3270
MW - 18	06/11/05	**2.3400**	<0.01	**0.8490**	0.2040
MW - 18	09/09/05	**3.1800**	<0.1	**1.4700**	0.3310
MW - 18	12/05/05	**3.1700**	<0.01	**1.6300**	**0.3410**
MW - 18	03/09/06	**4.1800**	<0.05	**2.3200**	0.6180
MW - 18	06/08/06	**3.7700**	<0.02	**2.1400**	0.3540
MW - 18	09/15/06	**2.2700**	<0.2	**0.9560**	<0.2
MW - 18	11/29/06	**2.5800**	<0.01	**1.4500**	0.4100
MW - 18	02/26/07	**3.7100**	<0.02	**2.2600**	0.3570
MW - 18	05/21/07	**2.4100**	<0.02	**1.7000**	0.3480
MW - 18	08/16/07	**3.7000**	<0.02	**2.5100**	0.3500
MW - 18	11/07/07	**3.3600**	<0.01	**2.2400**	0.3590
MW - 18	02/12/08	**3.5700**	<0.02	**2.2800**	0.3890
MW - 18	05/15/08	**3.2400**	<0.02	**2.0900**	0.2720
MW - 18	08/19/08	**3.5800**	<0.02	**2.2300**	0.5030
MW - 18	11/13/08	**2.9400**	<0.02	**1.9400**	0.3830
MW - 18	02/11/09	**3.6800**	<0.02	**2.2200**	0.4200
MW - 18	05/13/09	**3.4500**	<0.02	**2.3300**	**0.6370**
MW - 18	08/11/09	**4.1600**	<0.02	**2.9800**	**0.7570**
MW - 18	11/23/09	**2.6200**	<0.02	**1.7000**	0.2590
MW - 18	02/10/10	**3.0600**	<0.02	**2.0200**	0.5560

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 18	05/25/10	**2.7300**	<0.02	**1.4800**	0.2630
MW - 18	08/12/10	**3.0700**	<0.0500	**1.7300**	0.5300
MW - 18	11/17/10	**2.0900**	<0.0500	**1.3300**	0.5130
MW - 18	02/22/11	**3.5100**	0.3630	**2.5000**	**1.4200**
MW - 18	05/17/11	**3.2500**	<0.0500	**2.0000**	**1.0500**
MW - 18	08/11/11	**3.4500**	<0.0500	**2.2100**	**0.7970**
MW - 18	11/09/11	**2.6600**	<0.0500	**1.4900**	0.2410
MW - 18	03/01/12	**3.1400**	<0.0500	**2.1000**	**1.3300**
MW - 18	05/23/12	**3.2200**	<0.0500	**2.4200**	**0.2190**
MW - 18	08/09/12	**0.0380**	<0.001	0.0235	0.0043
MW - 18	11/20/12	**3.18**	<0.01	**2.280**	0.234
MW - 18	02/12/13	**2.42**	<0.0100	**1.620**	**0.170**
MW - 18	05/15/13	**2.48**	<0.0500	**1.60**	0.173
MW - 18	08/07/13	**1.80**	<0.0500	**0.891**	0.0965
MW - 18	11/26/13	**2.96**	<0.0500	**2.00**	0.202
MW - 18	02/10/14	**2.89**	<0.0500	**1.66**	0.185
MW - 18	05/22/14	**2.77**	<0.0500	**1.57**	0.174
MW - 18	08/13/14	**1.36**	<0.0500	0.644	0.0672
MW - 18	11/05/14	**2.96**	<0.0500	**2.24**	0.219
MW - 18	02/17/15	**3.21**	<0.0500	**2.22**	0.222
MW - 18	05/14/15	**3.12**	<0.0500	**2.06**	0.242
MW - 18	08/04/15	**2.83**	<0.0500	**1.68**	0.188
MW - 18	11/17/15	**3.33**	<0.100	**2.39**	0.346
MW - 18	02/10/16	**3.14**	<0.100	**2.16**	0.278
MW - 18	05/25/16	**2.96**	<0.100	**1.94**	0.191
MW - 18	08/19/16	**3.49**	<0.0500	**1.96**	0.175
MW - 18	11/22/16	**1.38**	<0.0200	**1.20**	0.135
MW - 18	03/01/17	**2.05**	<0.150	**1.33**	0.283
MW - 18	05/18/17	**3.11**	0.00278	**1.71**	0.279
MW - 18	08/15/17	**4.46**	<0.100	**3.10**	0.466
MW - 18	11/15/17	**1.22**	<0.00100	0.313	0.11636
MW - 18	02/19/18	**1.68**	0.00317	0.677	0.110
MW - 18	05/16/18	**2.32**	<0.0200	0.740	0.225
MW - 18	08/14/18	**1.61**	<0.0100	**1.48**	0.2571
MW - 18	11/29/18	**0.897**	<0.0100	0.328	0.1767
MW - 18	03/05/19	**1.62**	<0.00100	0.746	0.2118
MW - 18	05/14/19	**1.54**	<0.0100	0.632	0.194
MW - 18	09/11/19	**1.20**	<0.00100	**0.895**	0.2223
MW - 18	12/04/19	**1.78**	<0.00100	**1.16**	0.262
MW - 18	02/13/20	**1.90**	0.00195	0.592	0.30857
MW - 18	06/25/20	**1.27**	0.00360	0.137	0.155
MW - 18	08/19/20	**1.82**	0.0122	0.247	0.2893
MW - 18	11/11/20	**0.994**	0.0106	0.0456	0.173
MW - 18	03/18/21	**1.00**	0.0105	0.0253	0.17296
MW - 18	05/27/21	**1.46**	<0.00100	0.0139	0.140
MW - 18	09/29/21	**1.34**	0.00617	0.0494	0.17901
MW - 18	12/01/21	**0.916**	0.00345	0.0451	0.157
MW - 18	03/04/22	**1.59**	0.00298	0.00422	0.107
MW - 18	06/02/22	**1.50**	0.00251	0.00531	0.115

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WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 18	08/24/22	**1.58**	0.00267	0.00383	0.117
MW - 18	10/19/22	**1.58**	0.00263	0.0116	0.114
MW - 18	03/08/23	**0.779**	0.00216	0.00678	0.0798
MW - 18	05/02/23	**1.41**	0.00367	0.00396	0.0845
MW - 18	08/31/23	**1.57**	0.00214	0.0766	0.100
MW - 18	11/29/23	**0.361**	0.00333	0.0393	0.1024
MW - 18	03/27/24	**0.673**	0.00321	0.00956	0.0622
MW - 18	06/20/24	**0.978**	0.00211	0.00401	0.0675
MW - 18	09/12/24	**0.812**	0.00159	0.0110	0.0761
MW - 18	11/14/24	**1.13**	0.00327	0.0280	0.0466
MW - 19	06/07/02	<0.001	<0.001	<0.001	<0.001
MW - 19	09/27/02	0.0010	<0.001	<0.001	<0.001
MW - 19	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 19	02/26/03	<0.001	<0.001	<0.001	<0.001
MW - 19	05/22/03	<0.001	<0.001	<0.001	<0.001
MW - 19	08/27/03	<0.001	<0.001	<0.001	<0.001
MW - 19	11/25/03	<0.001	<0.001	<0.001	<0.002
MW - 19	02/10/04	<0.001	<0.001	<0.001	<0.002
MW - 19	12/02/04	<0.001	<0.001	<0.001	<0.001
MW - 19	03/10/05	NS	-	-	-
MW - 19	06/11/05	NS	-	-	-
MW - 19	09/09/05	NS	-	-	-
MW - 19	09/13/05	P&A	-	-	-
MW - 20	06/07/02	<0.001	<0.001	<0.001	<0.001
MW - 20	09/27/02	0.0020	<0.001	<0.001	<0.001
MW - 20	12/04/02	<0.001	<0.001	0.0020	<0.001
MW - 20	02/26/03	<0.001	<0.001	<0.001	<0.001
MW - 20	05/22/03	<0.001	<0.001	<0.001	<0.001
MW - 20	08/27/03	<0.001	<0.001	<0.001	<0.001
MW - 20	11/25/03	<0.001	<0.001	<0.001	<0.002
MW - 20	02/10/04	<0.001	<0.001	<0.001	<0.002
MW - 20	12/02/04	0.0097	<0.005	<0.005	<0.005
MW - 20	03/10/05	NS	-	-	-
MW - 20	06/11/05	NS	-	-	-
MW - 20	09/09/05	NS	-	-	-
MW - 20	12/05/05	<0.001	<0.001	0.0167	<0.001
MW - 20	03/09/06	NS	-	-	-
MW - 20	06/08/06	NS	-	-	-
MW - 20	09/13/06	NS	-	-	-
MW - 20	11/29/06	0.0029	<0.001	0.0138	<0.001
MW - 20	02/26/07	NS	-	-	-
MW - 20	05/21/07	NS	-	-	-
MW - 20	08/16/07	NS	-	-	-
MW - 20	11/07/07	<0.005	<0.005	<0.005	<0.005
MW - 20	02/12/08	NS	-	-	-
MW - 20	05/15/08	NS	-	-	-
MW - 20	08/19/08	NS	-	-	-

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WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 20	11/13/08	<0.001	<0.001	0.0042	<0.001
MW - 20	02/11/09	NS	-	-	-
MW - 20	05/13/09	NS	-	-	-
MW - 20	08/11/09	NS	-	-	-
MW - 20	11/23/09	<0.001	<0.001	<0.001	<0.001
MW - 20	02/10/10	NS	-	-	-
MW - 20	05/25/10	NS	-	-	-
MW - 20	08/12/10	NS	-	-	-
MW - 20	11/17/10	<0.001	<0.001	<0.001	<0.001
MW - 20	02/22/11	NS	-	-	-
MW - 20	05/17/11	NS	-	-	-
MW - 20	08/11/11	NS	-	-	-
MW - 20	11/09/11	<0.001	<0.001	<0.001	<0.001
MW - 20	03/01/12	NS	-	-	-
MW - 20	05/23/12	NS	-	-	-
MW - 20	08/09/12	NS	-	-	-
MW - 20	11/20/12	**0.0173**	<0.001	<0.001	<0.001
MW - 20	02/12/13	NS	-	-	-
MW - 20	05/15/13	<0.00100	<0.00100	<0.00100	<0.00100
MW - 20	08/07/13	NS	-	-	-
MW - 20	11/26/13	**0.0509**	<0.00100	0.0186	<0.00300
MW - 20	02/10/14	NS	-	-	-
MW - 20	05/22/14	0.00810	<0.00100	0.00470	<0.00300
MW - 20	08/13/14	NS	-	-	-
MW - 20	11/05/14	<0.0100	<0.0100	<0.0100	<0.0100
MW - 20	02/17/15	NS	-	-	-
MW - 20	05/14/15	NS	-	-	-
MW - 20	08/04/15	NS	-	-	-
MW - 20	11/16/15	**0.0245**	<0.00100	0.0288	<0.0100
MW - 20	02/10/16	NS	-	-	-
MW - 20	06/16/16	**0.0102**	<0.00100	0.0116	<0.0100
MW - 20	08/19/16	NS	-	-	-
MW - 20	11/22/16	<0.00200	<0.00200	<0.00200	<0.00200
MW - 20	02/28/17	NS	-	-	-
MW - 20	05/23/17	0.00309	0.00232	<0.00200	0.00585
MW - 20	08/15/17	NS	-	-	-
MW - 20	11/15/17	0.00253	<0.00100	<0.00100	0.00331
MW - 20	02/19/18	NS	-	-	-
MW - 20	05/16/18	0.00246	<0.00200	0.00907	<0.00400
MW - 20	08/14/18	NS	-	-	-
MW - 20	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 20	03/04/19	NS	-	-	-
MW - 20	05/13/19	0.00232	<0.00100	0.00450	0.00260
MW - 20	09/10/19	NS	-	-	-
MW - 20	12/04/19	0.00521	<0.00100	0.0234	<0.00200
MW - 20	02/13/20	NS	-	-	-
MW - 20	06/25/20	<0.00100	<0.00100	<0.00100	<0.00500
MW - 20	08/18/20	NS	-	-	-
MW - 20	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200

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WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 20	03/17/21	NS	-	-	-
MW - 20	05/27/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	09/28/21	NS	-	-	-
MW - 20	12/01/21	0.00149	<0.00100	0.00133	<0.00200
MW - 20	03/04/22	NS	-	-	-
MW - 20	06/02/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	08/23/22	NS	-	-	-
MW - 20	10/19/22	0.00160	<0.00100	0.00283	<0.00200
MW - 20	03/08/23	NS	-	-	-
MW - 20	05/02/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	08/29/23	NS	-	-	-
MW - 20	11/29/23	0.00103	<0.00100	<0.00100	<0.00200
MW - 20	03/25/24	NS	-	-	-
MW - 20	06/20/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	09/12/24	NS	-	-	-
MW - 20	11/14/24	0.00914	<0.00100	0.00441	<0.00200
MW - 21	06/07/02	<0.001	<0.001	<0.001	<0.001
MW - 21	09/27/02	<0.001	<0.001	<0.001	<0.001
MW - 21	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 21	02/26/03	<0.001	<0.001	<0.001	<0.001
MW - 21	05/22/03	<0.001	<0.001	<0.001	<0.001
MW - 21	08/27/03	<0.001	<0.001	<0.001	<0.001
MW - 21	11/25/03	<0.001	<0.001	<0.001	<0.002
MW - 21	02/10/04	<0.001	<0.001	<0.001	<0.002
MW - 21	12/01/04	<0.005	<0.005	<0.005	<0.005
MW - 21	03/10/05	NS	-	-	-
MW - 21	06/11/05	NS	-	-	-
MW - 21	09/09/05	NS	-	-	-
MW - 21	12/05/05	<0.001	<0.001	<0.001	<0.001
MW - 21	03/09/06	NS	-	-	-
MW - 21	06/08/06	NS	-	-	-
MW - 21	09/13/06	NS	-	-	-
MW - 21	11/29/06	<0.001	<0.001	<0.001	<0.001
MW - 21	02/26/07	NS	-	-	-
MW - 21	05/21/07	NS	-	-	-
MW - 21	08/16/07	NS	-	-	-
MW - 21	11/07/07	<0.001	<0.001	<0.001	<0.001
MW - 21	02/12/08	NS	-	-	-
MW - 21	05/15/08	NS	-	-	-
MW - 21	08/19/08	NS	-	-	-
MW - 21	11/13/08	<0.001	<0.001	<0.001	<0.001
MW - 21	02/11/09	NS	-	-	-
MW - 21	05/13/09	NS	-	-	-
MW - 21	08/11/09	NS	-	-	-
MW - 21	11/23/09	<0.001	<0.001	<0.001	<0.001
MW - 21	02/10/10	NS	-	-	-
MW - 21	05/25/10	NS	-	-	-
MW - 21	08/12/10	NS	-	-	-

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WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 21	11/17/10	<0.001	<0.001	<0.001	<0.001
MW - 21	02/22/11	NS	-	-	-
MW - 21	05/17/11	NS	-	-	-
MW - 21	08/11/11	NS	-	-	-
MW - 21	11/09/11	<0.001	<0.001	<0.001	<0.001
MW - 21	03/01/12	NS	-	-	-
MW - 21	05/23/12	NS	-	-	-
MW - 21	08/09/12	NS	-	-	-
MW - 21	11/20/12	<0.001	<0.001	<0.001	<0.001
MW - 21	02/12/13	NS	-	-	-
MW - 21	05/15/13	NS	-	-	-
MW - 21	08/07/13	NS	-	-	-
MW - 21	11/26/13	<0.001	<0.001	<0.001	<0.00300
MW - 21	02/10/14	NS	-	-	-
MW - 21	05/22/14	NS	-	-	-
MW - 21	08/13/14	NS	-	-	-
MW - 21	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 21	02/17/15	NS	-	-	-
MW - 21	05/14/15	NS	-	-	-
MW - 21	08/04/15	NS	-	-	-
MW - 21	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 21	02/22/16	NS	-	-	-
MW - 21	05/25/16	NS	-	-	-
MW - 21	08/19/16	NS	-	-	-
MW - 21	11/21/16	<0.00200	<0.00200	<0.00200	<0.00200
MW - 21	02/28/17	NS	-	-	-
MW - 21	05/18/17	NS	-	-	-
MW - 21	08/15/17	NS	-	-	-
MW - 21	11/15/17	<0.00100	<0.00100	<0.00100	<0.00200
MW - 21	02/19/18	NS	-	-	-
MW - 21	05/16/18	NS	-	-	-
MW - 21	08/14/18	NS	-	-	-
MW - 21	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 21	03/04/19	NS	-	-	-
MW - 21	05/13/19	NS	-	-	-
MW - 21	09/10/19	NS	-	-	-
MW - 21	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 21	02/13/20	NS	-	-	-
MW - 21	06/24/20	NS	-	-	-
MW - 21	08/18/20	NS	-	-	-
MW - 21	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 21	03/17/21	NS	-	-	-
MW - 21	05/27/21	NS	-	-	-
MW - 21	09/28/21	NS	-	-	-
MW - 21	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 21	03/04/22	NS	-	-	-
MW - 21	06/01/22	NS	-	-	-
MW - 21	08/23/22	NS	-	-	-
MW - 21	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200

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LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 21	03/08/23	NS	-	-	-
MW - 21	05/02/23	NS	-	-	-
MW - 21	08/29/23	NS	-	-	-
MW - 21	11/29/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 21	03/26/24	NS	-	-	-
MW - 21	06/20/24	NS	-	-	-
MW - 21	09/12/24	NS	-	-	-
MW - 21	11/14/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 22	06/07/02	<0.001	<0.001	<0.001	<0.001
MW - 22	09/27/02	<0.001	<0.001	<0.001	<0.001
MW - 22	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 22	02/26/03	0.0030	<0.001	<0.001	<0.001
MW - 22	05/22/03	0.0070	<0.001	<0.001	<0.001
MW - 22	08/27/03	<0.001	<0.001	<0.001	<0.001
MW - 22	11/25/03	<0.001	<0.001	<0.001	<0.002
MW - 22	02/10/04	<0.001	<0.001	<0.001	<0.002
MW - 22	12/01/04	<0.001	<0.001	<0.001	<0.001
MW - 22	03/10/05	NS	-	-	-
MW - 22	06/11/05	<0.001	<0.001	<0.001	<0.001
MW - 22	09/09/05	NS	-	-	-
MW - 22	12/05/05	<0.001	<0.001	<0.001	<0.001
MW - 22	03/09/06	NS	-	-	-
MW - 22	06/08/06	NS	-	-	-
MW - 22	09/13/06	NS	-	-	-
MW - 22	11/29/06	<0.001	<0.001	<0.001	<0.001
MW - 22	02/26/07	NS	-	-	-
MW - 22	05/21/07	NS	-	-	-
MW - 22	08/16/07	NS	-	-	-
MW - 22	11/07/07	<0.001	<0.001	<0.001	<0.001
MW - 22	02/12/08	NS	-	-	-
MW - 22	05/15/08	NS	-	-	-
MW - 22	08/19/08	NS	-	-	-
MW - 22	11/13/08	<0.001	<0.001	<0.001	<0.001
MW - 22	02/11/09	NS	-	-	-
MW - 22	05/13/09	NS	-	-	-
MW - 22	08/11/09	NS	-	-	-
MW - 22	11/23/09	<0.001	<0.001	<0.001	<0.001
MW - 22	02/10/10	NS	-	-	-
MW - 22	05/25/10	NS	-	-	-
MW - 22	08/12/10	NS	-	-	-
MW - 22	11/17/10	<0.001	<0.001	<0.001	<0.001
MW - 22	02/22/11	NS	-	-	-
MW - 22	05/17/11	NS	-	-	-
MW - 22	08/11/11	NS	-	-	-
MW - 22	11/09/11	<0.001	<0.001	<0.001	<0.001
MW - 22	03/01/12	NS	-	-	-
MW - 22	05/23/12	NS	-	-	-
MW - 22	08/09/12	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 22	11/20/12	<0.001	<0.001	<0.001	<0.001
MW - 22	02/12/13	NS	-	-	-
MW - 22	05/15/13	NS	-	-	-
MW - 22	08/07/13	NS	-	-	-
MW - 22	11/26/13	<0.001	<0.001	<0.001	<0.00300
MW - 22	02/10/14	NS	-	-	-
MW - 22	05/22/14	NS	-	-	-
MW - 22	08/13/14	NS	-	-	-
MW - 22	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 22	02/17/15	NS	-	-	-
MW - 22	05/14/15	NS	-	-	-
MW - 22	08/04/15	NS	-	-	-
MW - 22	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 22	02/22/16	NS	-	-	-
MW - 22	05/25/16	NS	-	-	-
MW - 22	08/19/16	NS	-	-	-
MW - 22	11/22/16	<0.00200	<0.00200	<0.00200	<0.00200
MW - 22	03/01/17	NS	-	-	-
MW - 22	05/18/17	NS	-	-	-
MW - 22	08/15/17	NS	-	-	-
MW - 22	11/15/17	<0.00100	<0.00100	<0.00100	<0.00200
MW - 22	02/19/18	NS	-	-	-
MW - 22	05/16/18	NS	-	-	-
MW - 22	08/14/18	NS	-	-	-
MW - 22	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 22	03/04/19	NS	-	-	-
MW - 22	05/13/19	NS	-	-	-
MW - 22	09/10/19	NS	-	-	-
MW - 22	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 22	02/13/20	NS	-	-	-
MW - 22	06/24/20	NS	-	-	-
MW - 22	08/18/20	NS	-	-	-
MW - 22	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 22	03/17/21	NS	-	-	-
MW - 22	05/27/21	NS	-	-	-
MW - 22	09/28/21	NS	-	-	-
MW - 22	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 22	03/04/22	NS	-	-	-
MW - 22	06/01/22	NS	-	-	-
MW - 22	08/23/22	NS	-	-	-
MW - 22	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 22	03/08/23	NS	-	-	-
MW - 22	05/02/23	NS	-	-	-
MW - 22	08/29/23	NS	-	-	-
MW - 22	11/29/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 22	03/25/24	NS	-	-	-
MW - 22	06/20/24	NS	-	-	-
MW - 22	09/12/24	NS	-	-	-
MW - 22	11/14/24	<0.00100	<0.00100	<0.00100	<0.00200

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 23	06/07/02	**0.3490**	<0.001	0.1660	0.0020
MW - 23	09/27/02	**0.6080**	<0.001	0.1350	0.0010
MW - 23	12/05/02	**0.2470**	<0.001	0.0370	0.0030
MW - 23	02/26/03	**0.2440**	<0.001	0.0070	<0.001
MW - 23	05/22/03	**0.1500**	<0.001	0.0160	<0.001
MW - 23	08/27/03	**0.0400**	<0.001	0.0040	<0.001
MW - 23	11/25/03	**0.0310**	<0.001	<0.001	<0.002
MW - 23	02/10/04	**0.0540**	<0.001	0.0010	<0.002
MW - 23	05/10/04	**0.0961**	<0.001	0.0010	<0.002
MW - 23	08/25/04	**0.0110**	<0.001	<0.001	<0.002
MW - 23	12/01/04	**0.0297**	<0.001	<0.001	<0.001
MW - 23	03/10/05	**0.5160**	0.0051	<0.005	0.0181
MW - 23	06/11/05	**0.5670**	<0.005	<0.005	0.0081
MW - 23	09/09/05	**0.6770**	<0.1	<0.1	<0.1
MW - 23	12/05/05	**0.9620**	<0.02	0.0857	<0.02
MW - 23	03/09/06	**1.2600**	<0.02	0.1180	0.0466
MW - 23	06/08/06	**1.2200**	<0.02	0.0468	0.0233
MW - 23	09/15/06	**1.1900**	<0.02	0.0206	<0.02
MW - 23	11/29/06	**1.1400**	<0.01	0.0503	0.0670
MW - 23	02/26/07	**1.6000**	<0.01	0.0703	0.0531
MW - 23	05/21/07	**1.2000**	<0.01	0.0263	0.0424
MW - 23	08/16/07	**1.5400**	<0.01	<0.01	<0.01
MW - 23	11/07/07	**2.3400**	<0.01	<0.01	<0.01
MW - 23	02/12/08	**1.6900**	<0.02	0.0524	0.0554
MW - 23	05/15/08	**1.6100**	<0.01	0.0151	0.0495
MW - 23	08/19/08	**1.8800**	<0.01	0.0301	0.0551
MW - 23	11/13/08	**1.2000**	<0.0200	<0.0200	0.0628
MW - 23	02/11/09	**1.1500**	<0.0200	<0.0200	0.0291
MW - 23	05/13/09	**1.0000**	<0.0200	<0.0200	0.2590
MW - 23	08/11/09	**0.8280**	<0.0200	<0.0200	<0.0200
MW - 23	11/23/09	**0.4880**	<0.0200	<0.0200	<0.0200
MW - 23	02/10/10	**0.6340**	<0.0200	<0.0200	<0.0200
MW - 23	05/25/10	**0.2730**	0.0850	0.0820	0.2550
MW - 23	08/12/10	**0.3210**	<0.0500	<0.0500	<0.0500
MW - 23	11/17/10	**0.3570**	<0.0500	<0.0500	<0.0500
MW - 23	02/22/11	**0.2950**	<0.0200	<0.0200	<0.0200
MW - 23	05/17/11	**0.3680**	<0.0200	0.1160	<0.0200
MW - 23	08/11/11	**0.2850**	<0.0200	<0.0200	<0.0200
MW - 23	11/09/11	**0.2210**	<0.0200	<0.0200	<0.0200
MW - 23	03/01/12	**0.3890**	<0.0200	<0.0200	<0.0200
MW - 23	05/23/12	**0.4730**	<0.050	<0.050	<0.050
MW - 23	08/09/12	**0.4170**	<0.01	<0.01	<0.01
MW - 23	11/20/12	**0.336**	<0.002	<0.002	<0.002
MW - 23	02/12/13	**0.338**	<0.01	<0.01	<0.01
MW - 23	05/15/13	0.00440	<0.00100	<0.00100	<0.00100
MW - 23	08/07/13	0.00450	<0.00100	<0.00100	<0.00100
MW - 23	11/26/13	0.00260	<0.00100	<0.00100	<0.00300
MW - 23	02/10/14	**0.526**	<0.0500	<0.050	<0.150

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TNM 97-18
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LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 23	05/22/14	**0.411**	<0.0500	<0.0500	<0.150
MW - 23	08/13/14	**0.546**	<0.0500	<0.0500	<0.0500
MW - 23	11/05/14	**0.00460**	<0.00100	<0.00100	<0.00100
MW - 23	02/17/15	**0.0514**	<0.00100	<0.00100	<0.00100
MW - 23	05/14/15	**0.184**	<0.00100	<0.00100	<0.00100
MW - 23	08/04/15	**0.399**	<0.00100	<0.00100	<0.00100
MW - 23	11/16/15	**0.178**	<0.00100	<0.00100	<0.00100
MW - 23	02/22/16	**0.112**	<0.00100	<0.00100	<0.00100
MW - 23	05/25/16	**0.0571**	<0.00100	<0.00100	<0.00100
MW - 23	08/19/16	**0.0529**	<0.00100	<0.00100	<0.00100
MW - 23	11/22/16	**0.0125**	<0.00200	<0.00200	<0.00200
MW - 23	02/28/17	**0.0150**	<0.00150	<0.00200	<0.00200
MW - 23	05/18/17	**0.0295**	<0.00200	<0.00200	<0.00400
MW - 23	08/15/17	**0.0209**	<0.00200	<0.00200	<0.00400
MW - 23	11/15/17	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	02/19/18	0.00518	<0.00200	<0.00200	<0.00400
MW - 23	05/16/18	0.00886	<0.00200	<0.00200	<0.00400
MW - 23	08/14/18	0.00367	<0.0100	<0.00500	<0.0200
MW - 23	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 23	03/04/19	0.00222	<0.00100	<0.00100	<0.00200
MW - 23	05/14/19	0.00190	<0.00100	<0.00100	<0.00200
MW - 23	09/10/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	12/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	02/12/20	0.00208	<0.00100	<0.00100	<0.00200
MW - 23	06/25/20	<0.00100	<0.00100	<0.00100	<0.00500
MW - 23	08/19/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	03/17/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	05/27/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	09/29/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	03/04/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	06/02/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	08/24/22	0.00102	<0.00100	<0.00100	<0.00200
MW - 23	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	03/08/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	05/02/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	08/31/23	0.00283	<0.00100	0.00591	0.00303
MW - 23	11/29/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	03/26/23	0.00324	<0.00100	<0.00100	<0.00200
MW - 23	03/26/24	0.00324	<0.00100	<0.00100	<0.00200
MW - 23	06/20/24	0.00103	<0.00100	<0.00100	<0.00200
MW - 23	09/12/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	11/15/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 24	06/07/02	**2.9400**	0.0160	**0.8530**	0.5350
MW - 24	09/27/02	**5.7900**	0.7420	**1.3100**	0.4740
MW - 24	12/05/02	**3.2600**	0.4140	**1.2200**	0.3600
MW - 24	02/26/03	**3.1400**	0.5400	**0.9880**	0.3820

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LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 24	05/22/03	**2.6000**	0.3800	**0.9260**	0.3490
MW - 24	08/27/03	**2.6500**	0.0950	**0.8180**	0.1930
MW - 24	11/25/03	**2.8300**	0.0470	**0.9960**	0.1840
MW - 24	02/10/04	**1.5000**	0.0300	0.4310	0.0950
MW - 24	05/10/04	**2.5100**	0.0432	0.7140	0.1402
MW - 24	08/25/04	**0.5380**	0.0038	0.1090	0.0841
MW - 24	12/01/04	**1.3000**	<0.020	0.1960	0.0383
MW - 24	03/10/05	**1.8700**	<0.1	0.2210	0.1160
MW - 24	06/11/05	**1.9000**	<0.01	0.1090	0.0791
MW - 24	09/09/05	**2.3000**	<0.1	0.1790	<0.1
MW - 24	12/05/05	**2.5100**	<0.05	0.3200	<0.05
MW - 24	03/09/06	**2.9000**	<0.02	0.5670	0.1820
MW - 24	06/08/06	**3.2300**	<0.02	0.5710	0.1460
MW - 24	09/15/06	**2.9200**	<0.02	0.5020	0.1000
MW - 24	11/29/06	**2.6400**	<0.001	0.6160	0.2180
MW - 24	02/26/07	**3.0200**	<0.02	0.6420	0.1530
MW - 24	05/21/07	**1.8900**	<0.02	0.4540	0.0968
MW - 24	08/16/07	**2.7300**	<0.02	0.3850	<0.02
MW - 24	11/07/07	**2.9200**	<0.02	0.4690	0.1510
MW - 24	02/12/08	**2.6000**	<0.02	0.3440	0.1310
MW - 24	05/15/08	**2.9200**	<0.01	0.2830	0.1450
MW - 24	08/19/08	**2.7700**	<0.01	0.3840	0.1440
MW - 24	11/13/08	**1.7500**	<0.0200	0.2260	0.1020
MW - 24	02/11/09	**1.4600**	<0.0200	0.1700	0.0833
MW - 24	05/13/09	**0.7330**	<0.0200	0.1320	<0.0200
MW - 24	08/11/09	**1.0500**	<0.0200	<0.0200	<0.0200
MW - 24	11/23/09	**1.1200**	<0.0200	<0.0200	<0.0200
MW - 24	02/10/10	**0.9360**	<0.0200	<0.0200	0.0846
MW - 24	05/25/10	**0.6930**	0.0335	<0.02	0.0991
MW - 24	08/12/10	**1.4700**	<0.0500	<0.0500	<0.0500
MW - 24	11/17/10	**1.8800**	<0.0500	<0.0500	<0.0500
MW - 24	02/22/11	**2.5900**	0.3380	<0.0500	**1.1600**
MW - 24	05/17/11	**2.9200**	<0.0500	<0.0500	**0.8390**
MW - 24	08/11/11	**3.1000**	<0.0500	0.3740	**0.5480**
MW - 24	11/09/11	**3.2600**	<0.0500	0.3090	<0.0500
MW - 24	03/01/12	**1.1600**	<0.020	<0.020	<0.020
MW - 24	05/23/12	**3.5900**	<0.050	0.3570	0.1160
MW - 24	08/09/12	**0.0626**	<0.001	0.0071	0.0033
MW - 24	11/20/12	**3.35**	<0.01	0.375	0.1310
MW - 24	02/12/13	**3.66**	<0.0100	0.462	0.1590
MW - 24	05/15/13	**4.00**	<0.0500	0.502	0.152
MW - 24	08/07/13	**0.393**	<0.0200	0.0487	0.0362
MW - 24	11/26/13	**4.14**	<0.0500	**0.997**	0.291
MW - 24	02/10/14	**4.20**	<0.0500	0.530	<0.150
MW - 24	05/22/14	**3.95**	<0.0500	0.480	<0.150
MW - 24	08/13/14	**4.69**	<0.0500	0.750	0.198
MW - 24	11/05/14	**4.30**	<0.0500	**0.801**	0.186
MW - 24	02/17/15	**4.13**	<0.0500	**0.770**	0.189
MW - 24	05/14/15	**5.33**	<0.0500	**1.07**	0.232

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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TNM 97-18
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WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 24	08/04/15	**5.31**	<0.0500	**1.00**	0.225
MW - 24	11/17/15	**5.15**	<0.100	**1.25**	0.309
MW - 24	02/10/16	**5.16**	<0.100	**1.52**	0.286
MW - 24	05/25/16	**5.19**	<0.100	**1.06**	0.213
MW - 24	08/18/16	**5.39**	<0.0500	**1.04**	0.218
MW - 24	11/22/16	**5.94**	<0.0500	**1.25**	0.328
MW - 24	03/01/17	**9.73**	<0.150	**2.36**	0.687
MW - 24	05/18/17	**12.0**	0.132	**3.28**	0.588
MW - 24	08/15/17	**10.4**	<0.200	**2.38**	0.507
MW - 24	11/15/17	**3.40**	0.00218	0.241	0.08374
MW - 24	02/19/18	**3.41**	<0.00200	0.0935	0.02608
MW - 24	05/16/18	**8.19**	0.0218	**1.50**	0.2730
MW - 24	08/14/18	**3.86**	<0.0100	**1.20**	0.2600
MW - 24	11/29/18	**7.13**	<0.0100	0.178	0.1006
MW - 24	03/05/19	**2.52**	0.00705	**0.756**	0.2723
MW - 24	05/14/19	**4.02**	<0.0200	**1.05**	0.322
MW - 24	09/11/19	**5.20**	0.00488	**0.783**	0.2076
MW - 24	12/04/19	**4.07**	0.00398	**1.27**	0.2500
MW - 24	02/13/20	**5.89**	0.00661	**1.12**	0.46381
MW - 24	06/25/20	**4.69**	0.0368	**1.10**	0.531
MW - 24	08/19/20	**3.84**	0.0209	**1.14**	0.4753
MW - 24	11/11/20	**2.40**	0.0147	**1.00**	0.330
MW - 24	03/18/21	**5.18**	0.0125	**0.743**	0.473
MW - 24	05/28/21	**6.13**	0.0108	0.368	0.27242
MW - 24	09/29/21	**5.73**	0.0102	0.650	0.48419
MW - 24	12/01/21	**5.93**	0.0107	**0.756**	0.2938
MW - 24	12/02/21	**5.88**	0.00524	**0.835**	0.2272
MW - 24	03/03/22	**8.72**	0.0114	0.694	0.3102
MW - 24	06/01/22	**9.26**	0.0125	**0.823**	0.2764
MW - 24	08/24/22	**8.77**	0.0102	0.601	0.2591
MW - 24	10/18/22	**2.45**	0.0186	**0.824**	0.3344
MW - 24	03/09/23	**4.58**	0.00441	0.379	0.17555
MW - 24	05/03/23	**5.22**	0.00530	0.372	0.200
MW - 24	08/30/23	**3.81**	0.00665	0.306	0.1724
MW - 24	11/30/23	**6.14**	0.00614	0.339	0.19029
MW - 24	03/26/24	**6.85**	0.00364	0.306	0.1620
MW - 24	06/20/24	**8.01**	0.00597	0.262	0.20896
MW - 24	09/11/24	**6.50**	<0.250	0.340	<0.750
MW - 24	11/14/24	**7.68**	0.00484	0.211	0.11108
MW - 25	06/07/02	**0.8880**	<0.005	0.4370	0.0050
MW - 25	09/27/02	**1.3300**	0.0030	0.5080	0.0070
MW - 25	12/05/02	**0.7490**	<0.001	0.1310	0.0080
MW - 25	02/26/03	**0.7950**	0.0020	0.0430	0.0050
MW - 25	05/22/03	**0.6490**	<0.001	0.0150	0.0020
MW - 25	08/27/03	**0.7360**	<0.001	0.0200	0.0020
MW - 25	11/25/03	**0.7000**	<0.001	0.0200	0.0060
MW - 25	02/10/04	**0.9030**	<0.001	0.0490	0.0040
MW - 25	05/10/04	**0.7310**	<0.001	0.0115	<0.002

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		0.01	0.75	0.75	0.62
MW - 25	08/25/04	**0.8670**	<0.001	<0.001	<0.002
MW - 25	12/01/04	**0.4550**	<0.0200	<0.0200	<0.020
MW - 25	03/10/05	**0.5420**	<0.005	<0.005	<0.005
MW - 25	06/11/05	**0.4260**	<0.005	<0.005	<0.005
MW - 25	09/09/05	**0.3970**	<0.01	<0.01	<0.01
MW - 25	12/05/05	**0.3620**	<0.01	<0.01	<0.01
MW - 25	03/09/06	**0.4170**	<0.01	<0.01	<0.01
MW - 25	06/08/06	**0.2470**	<0.02	<0.02	<0.02
MW - 25	09/15/06	**0.3320**	<0.001	<0.001	<0.001
MW - 25	11/29/06	**0.2910**	<0.001	<0.001	<0.001
MW - 25	02/26/07	**0.3820**	<0.005	<0.005	<0.005
MW - 25	05/21/07	**0.4170**	<0.005	<0.005	<0.005
MW - 25	08/16/07	**0.8330**	<0.005	<0.005	<0.005
MW - 25	11/07/07	**0.9320**	<0.005	<0.005	<0.005
MW - 25	02/12/08	**0.7500**	<0.005	<0.005	0.0132
MW - 25	05/15/08	**0.6980**	<0.0100	<0.0100	<0.0100
MW - 25	08/19/08	**0.7230**	<0.00500	<0.00500	0.0154
MW - 25	11/13/08	**0.6240**	<0.00500	<0.00500	<0.00500
MW - 25	02/11/09	**0.4420**	0.0099	0.0196	0.0605
MW - 25	05/13/09	**0.5320**	<0.005	<0.005	<0.005
MW - 25	08/11/09	**0.6000**	<0.005	<0.005	<0.005
MW - 25	11/23/09	**0.4850**	<0.005	<0.005	<0.005
MW - 25	02/10/10	**0.5020**	<0.005	<0.005	<0.005
MW - 25	05/25/10	**0.2480**	<0.005	<0.005	<0.005
MW - 25	08/12/10	**0.5730**	<0.0500	<0.0500	<0.005
MW - 25	11/17/10	**0.7400**	<0.0500	<0.0500	<0.0500
MW - 25	02/22/11	**0.9320**	<0.0500	<0.0500	<0.0500
MW - 25	05/17/11	**0.9820**	<0.0500	<0.0500	<0.0500
MW - 25	08/11/11	**0.6830**	<0.0500	<0.0500	<0.0500
MW - 25	11/09/11	**0.4900**	<0.0500	<0.0500	<0.0500
MW - 25	03/01/12	**0.9170**	<0.0500	<0.0500	<0.0500
MW - 25	05/23/12	**0.8220**	<0.0500	<0.0500	<0.0500
MW - 25	08/09/12	**0.0129**	<0.001	0.0010	0.0020
MW - 25	11/20/12	**0.662**	<0.01	<0.01	<0.01
MW - 25	02/12/13	**0.674**	<0.0100	<0.0100	<0.0100
MW - 25	05/15/13	**0.204**	<0.00100	<0.00100	0.00460
MW - 25	08/13/13	**0.634**	<0.0500	<0.0500	<0.0500
MW - 25	11/26/13	Dry	-	-	-
MW - 25	12/30/13	**0.755**	<0.0500	<0.0500	<0.150
MW - 25	02/10/14	**0.144**	<0.0500	<0.0500	<0.150
MW - 25	05/22/14	**0.457**	<0.0500	<0.0500	<0.150
MW - 25	08/13/14	**0.328**	<0.0500	<0.0500	<0.0500
MW - 25	11/05/14	**0.0653**	<0.00100	<0.00100	<0.00100
MW - 25	02/17/15	**0.125**	<0.00100	<0.00100	<0.00100
MW - 25	05/14/15	**0.168**	<0.0500	<0.0500	<0.0500
MW - 25	08/04/15	**0.387**	<0.00100	<0.00100	<0.00100
MW - 25	11/16/15	**0.188**	<0.00100	<0.00100	<0.00100
MW - 25	02/22/16	**0.958**	<0.0500	<0.0500	<0.0500
MW - 25	05/25/16	**0.411**	<0.0500	<0.0500	<0.0500

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 25	08/25/16	**0.376**	<0.0500	<0.0500	<0.0500
MW - 25	11/22/16	**0.243**	<0.00200	<0.00200	<0.00200
MW - 25	03/01/17	**0.304**	0.0945	<0.100	0.136
MW - 25	05/18/17	**0.609**	0.00238	0.0114	<0.00400
MW - 25	08/15/17	**0.398**	<0.00200	0.00113	<0.00400
MW - 25	11/15/17	**0.0763**	<0.00100	<0.00100	<0.00200
MW - 25	02/20/18	**0.279**	<0.00200	<0.00200	<0.00400
MW - 25	05/16/18	**0.138**	<0.00200	<0.00200	<0.00400
MW - 25	08/14/18	**0.306**	<0.0100	<0.00500	<0.0200
MW - 25	11/29/18	**0.0470**	<0.0100	<0.00500	<0.0200
MW - 25	03/04/19	**0.133**	<0.00100	<0.00100	<0.00200
MW - 25	05/14/19	**0.326**	0.00112	0.00465	0.00618
MW - 25	09/11/19	**0.166**	<0.00100	<0.00100	<0.00200
MW - 25	12/04/19	**0.784**	<0.00100	0.00319	<0.00200
MW - 25	02/13/20	**0.935**	<0.00100	<0.00100	<0.00200
MW - 25	06/25/20	**0.201**	<0.00100	0.0228	<0.0500
MW - 25	08/19/20	**0.192**	<0.00100	<0.00100	<0.00200
MW - 25	11/11/20	**0.536**	<0.00100	<0.00100	<0.00200
MW - 25	03/18/21	**1.62**	0.00267	0.00909	<0.00200
MW - 25	05/28/21	**1.83**	<0.00100	<0.00100	<0.00200
MW - 25	09/29/21	**0.553**	<0.00100	<0.00100	<0.00200
MW - 25	12/01/21	**0.126**	<0.00100	<0.00100	<0.00200
MW - 25	03/04/22	**0.409**	<0.00100	<0.00100	<0.00200
MW - 25	06/02/22	**1.45**	0.00122	<0.00100	<0.00200
MW - 25	08/24/22	**0.0641**	<0.00100	<0.00100	<0.00200
MW - 25	10/19/22	**0.0129**	<0.00100	<0.00100	<0.00200
MW - 25	03/08/23	**0.0102**	<0.00100	<0.00100	<0.00200
MW - 25	05/02/23	**0.310**	0.00114	<0.00100	<0.00200
MW - 25	08/31/23	0.00998	<0.00100	<0.00100	<0.00200
MW - 25	11/29/23	0.00902	<0.00100	<0.00100	<0.00200
MW - 25	03/26/24	**0.0089**	<0.00100	<0.00100	<0.00200
MW - 25	06/20/24	**0.00798**	<0.00100	<0.00100	<0.00200
MW - 25	09/12/24	0.00975	<0.00100	<0.00100	<0.00200
MW - 25	11/15/24	0.161	<0.00100	<0.00100	<0.00200
MW - 26	06/07/02	0.0010	<0.001	0.0010	0.0010
MW - 26	09/27/02	0.0010	<0.001	<0.001	<0.001
MW - 26	12/05/02	<0.001	<0.001	<0.001	<0.001
MW - 26	02/26/03	<0.001	<0.001	<0.001	<0.001
MW - 26	05/22/03	<0.001	<0.001	<0.001	<0.001
MW - 26	08/27/03	<0.001	<0.001	<0.001	<0.001
MW - 26	11/25/03	0.0010	<0.001	<0.001	<0.002
MW - 26	02/10/04	0.0080	<0.001	0.0070	<0.002
MW - 26	12/01/04	0.0016	<0.001	<0.001	<0.001
MW - 26	03/10/05	NS	-	-	-
MW - 26	06/11/05	0.0013	<0.001	<0.001	<0.001
MW - 26	09/09/05	NS	-	-	-
MW - 26	12/05/05	<0.005	<0.005	<0.005	<0.005
MW - 26	03/09/06	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 26	06/08/06	NS	-	-	-
MW - 26	09/13/06	NS	-	-	-
MW - 26	11/29/06	**0.0412**	<0.001	0.0025	<0.001
MW - 26	02/26/07	NS	-	-	-
MW - 26	05/21/07	NS	-	-	-
MW - 26	08/16/07	NS	-	-	-
MW - 26	11/07/07	**0.1200**	<0.001	0.0107	0.0092
MW - 26	02/12/08	**0.0983**	<0.001	0.0086	0.0050
MW - 26	05/15/08	**0.0949**	<0.001	0.0082	<0.001
MW - 26	08/18/08	**0.0659**	<0.005	0.0086	<0.005
MW - 26	11/13/08	**0.0673**	<0.001	0.0117	0.0182
MW - 26	02/11/09	**0.0406**	<0.001	0.0071	0.0032
MW - 26	05/13/09	**0.0172**	<0.001	0.0166	<0.001
MW - 26	08/11/09	**0.0124**	<0.001	0.0088	<0.001
MW - 26	11/23/09	<0.001	<0.001	<0.001	<0.001
MW - 26	02/10/10	0.0026	<0.001	0.0053	<0.001
MW - 26	05/25/10	0.0025	<0.001	<0.001	<0.001
MW - 26	08/12/10	0.0013	<0.001	0.0017	0.0015
MW - 26	11/17/10	<0.001	<0.001	<0.001	<0.001
MW - 26	02/22/11	<0.001	<0.001	<0.001	<0.001
MW - 26	05/17/11	<0.001	<0.001	<0.001	<0.001
MW - 26	08/11/11	<0.001	<0.001	<0.001	<0.001
MW - 26	11/09/11	<0.001	<0.001	<0.001	<0.001
MW - 26	03/01/12	<0.001	<0.001	<0.001	<0.001
MW - 26	05/23/12	0.0010	<0.001	<0.001	<0.001
MW - 26	08/09/12	0.0010	<0.001	0.0045	0.0074
MW - 26	11/20/12	<0.001	<0.001	<0.001	<0.001
MW - 26	02/12/13	NS	-	-	-
MW - 26	05/15/13	<0.00500	<0.00500	<0.00500	<0.00500
MW - 26	08/13/13	NS	-	-	-
MW - 26	11/26/13	<0.00100	<0.00100	<0.00100	<0.00300
MW - 26	02/10/14	NS	-	-	-
MW - 26	05/22/14	<0.00100	<0.00100	<0.00100	<0.00300
MW - 26	08/13/14	NS	-	-	-
MW - 26	11/05/14	<0.00500	<0.00500	<0.00500	<0.00500
MW - 26	02/17/15	NS	-	-	-
MW - 26	05/14/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 26	08/04/15	NS	-	-	-
MW - 26	11/16/15	**0.0360**	<0.00100	0.00280	<0.00100
MW - 26	02/10/16	NS	-	-	-
MW - 26	05/25/16	**0.0408**	<0.00100	0.00150	<0.00100
MW - 26	08/19/16	NS	-	-	-
MW - 26	11/22/16	**0.303**	<0.00200	<0.00200	<0.00200
MW - 26	03/01/17	NS	-	-	-
MW - 26	05/18/17	**1.39**	0.00923	0.0228	0.00928
MW - 26	08/15/17	**1.15**	<0.0200	0.0339	<0.0400
MW - 26	11/15/17	**0.596**	<0.00100	0.0176	0.01224
MW - 26	02/20/18	NS	-	-	-
MW - 26	05/16/18	**0.660**	<0.0400	<0.0400	<0.0800

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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TNM 97-18
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LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 26	08/14/18	**0.734**	<0.0100	<0.00500	<0.0200
MW - 26	11/29/18	**1.08**	<0.0100	<0.00500	0.0108
MW - 26	03/05/19	**1.30**	<0.00100	0.00728	0.01065
MW - 26	05/14/19	**1.76**	<0.0100	<0.0100	<0.0200
MW - 26	09/11/19	**0.935**	<0.00100	<0.00100	0.00204
MW - 26	12/04/19	**1.45**	<0.00100	0.00108	<0.00200
MW - 26	02/13/20	**1.61**	0.00140	0.00125	<0.00200
MW - 26	06/25/20	**1.11**	<0.00100	0.00172	<0.00500
MW - 26	08/19/20	**0.358**	0.00308	<0.00100	<0.00200
MW - 26	11/11/20	**0.383**	0.00371	0.00156	<0.00200
MW - 26	03/18/21	**0.714**	0.00146	<0.00100	0.00495
MW - 26	05/27/21	**1.09**	<0.00100	<0.00100	<0.00200
MW - 26	09/29/21	**1.03**	0.00217	0.00153	0.00475
MW - 26	12/01/21	**0.647**	0.00147	<0.00100	<0.00200
MW - 26	03/04/22	**0.676**	0.0103	0.0156	0.0441
MW - 26	06/02/22	**0.352**	0.00134	<0.00100	<0.00200
MW - 26	08/24/22	**0.308**	0.00118	<0.00100	<0.00200
MW - 26	10/19/22	**0.164**	<0.00100	<0.00100	<0.00200
MW - 26	03/08/23	**0.0347**	<0.00100	<0.00100	<0.00200
MW - 26	05/02/23	**0.0307**	0.00127	<0.00100	<0.00200
MW - 26	08/31/23	0.00284	<0.00100	0.0174	0.00942
MW - 26	11/29/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 26	03/26/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 26	06/20/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 26	09/12/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 26	11/15/24	<0.00100	0.00129	<0.00100	<0.00200
MW - 27	06/07/02	0.0020	0.0020	0.0030	0.0060
MW - 27	09/27/02	0.0010	<0.001	0.0010	<0.001
MW - 27	12/05/02	<0.001	<0.001	<0.001	<0.001
MW - 27	02/26/03	0.0010	<0.001	<0.001	<0.001
MW - 27	05/22/03	<0.001	<0.001	<0.001	<0.001
MW - 27	08/27/03	<0.001	<0.001	<0.001	<0.001
MW - 27	11/25/03	0.0010	<0.001	<0.001	<0.002
MW - 27	02/10/04	0.0210	<0.001	0.0030	<0.002
MW - 27	05/10/04	<0.001	<0.001	<0.001	<0.002
MW - 27	08/25/04	<0.001	<0.001	<0.001	<0.002
MW - 27	12/01/04	<0.001	<0.001	<0.001	<0.001
MW - 27	03/10/05	<0.005	<0.005	<0.005	<0.005
MW - 27	06/10/05	<0.001	<0.001	<0.001	<0.001
MW - 27	09/09/05	<0.001	<0.001	<0.001	<0.001
MW - 27	12/05/05	<0.001	<0.001	<0.001	<0.001
MW - 27	03/09/06	<0.005	<0.005	<0.005	<0.005
MW - 27	06/08/06	<0.001	<0.001	<0.001	<0.001
MW - 27	09/15/06	<0.001	<0.001	<0.001	<0.001
MW - 27	11/29/06	<0.001	<0.001	<0.001	<0.001
MW - 27	02/26/07	<0.001	<0.001	<0.001	0.0027
MW - 27	05/21/07	<0.001	<0.001	<0.001	<0.001
MW - 27	08/16/07	<0.001	<0.001	<0.001	<0.001

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PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		0.01	0.75	0.75	0.62
MW - 27	11/07/07	<0.001	<0.001	<0.001	<0.001
MW - 27	02/12/08	<0.001	<0.001	<0.001	<0.001
MW - 27	05/15/08	<0.001	<0.001	<0.001	0.0013
MW - 27	08/18/08	<0.001	<0.001	<0.001	0.0013
MW - 27	11/13/08	<0.001	<0.001	<0.001	<0.001
MW - 27	02/11/09	<0.001	<0.001	<0.001	<0.001
MW - 27	05/13/09	<0.001	<0.001	<0.001	<0.001
MW - 27	08/11/09	<0.001	<0.001	<0.001	<0.001
MW - 27	11/23/09	<0.001	<0.001	<0.001	<0.001
MW - 27	02/10/10	<0.001	<0.001	<0.001	<0.001
MW - 27	05/25/10	<0.001	<0.001	<0.001	<0.001
MW - 27	08/12/10	<0.001	<0.001	<0.001	0.0018
MW - 27	11/17/10	<0.001	<0.001	<0.001	<0.001
MW - 27	02/22/11	<0.001	<0.001	<0.001	<0.001
MW - 27	05/17/11	<0.001	<0.001	<0.001	<0.001
MW - 27	08/11/11	<0.001	<0.001	<0.001	<0.001
MW - 27	11/09/11	<0.001	<0.001	<0.001	<0.001
MW - 27	03/01/12	<0.001	<0.001	<0.001	<0.001
MW - 27	05/23/12	<0.001	<0.001	<0.001	<0.001
MW - 27	08/09/12	<0.001	<0.001	<0.001	0.0030
MW - 27	11/20/12	<0.001	<0.001	<0.001	<0.001
MW - 27	02/12/13	NS	-	-	-
MW - 27	05/15/13	<0.00100	<0.00100	<0.00100	<0.00100
MW - 27	08/13/13	NS	-	-	-
MW - 27	11/26/13	<0.00100	<0.00100	<0.00100	<0.00300
MW - 27	02/10/14	NS	-	-	-
MW - 27	05/22/14	<0.00100	0.00600	<0.00100	0.00380
MW - 27	08/13/14	NS	-	-	-
MW - 27	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 27	02/17/15	NS	-	-	-
MW - 27	05/14/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 27	08/04/15	NS	-	-	-
MW - 27	11/16/15	0.00160	<0.00100	0.00230	0.00180
MW - 27	02/10/16	NS	-	-	-
MW - 27	05/25/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 27	08/19/16	NS	-	-	-
MW - 27	11/22/16	<0.00200	<0.00200	<0.00200	<0.00200
MW - 27	02/28/17	NS	-	-	-
MW - 27	05/18/17	0.00463	<0.00200	<0.00200	<0.00400
MW - 27	08/15/17	NS	-	-	-
MW - 27	11/15/17	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	02/20/18	NS	-	-	-
MW - 27	05/16/18	<0.00200	<0.00200	<0.00200	<0.00400
MW - 27	08/14/18	NS	-	-	-
MW - 27	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 27	03/04/19	NS	-	-	-
MW - 27	05/13/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	09/10/19	NS	-	-	-
MW - 27	12/04/19	<0.00100	<0.00100	<0.00100	<0.00200

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 27	02/13/20	NS	-	-	-
MW - 27	06/24/20	<0.00100	<0.00100	<0.00100	<0.00500
MW - 27	08/18/20	NS	-	-	-
MW - 27	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	03/17/21	NS	-	-	-
MW - 27	05/27/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	09/28/21	NS	-	-	-
MW - 27	12/02/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	03/04/22	NS	-	-	-
MW - 27	06/02/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	08/23/22	NS	-	-	-
MW - 27	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	03/08/23	NS	-	-	-
MW - 27	05/02/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	08/29/23	NS	-	-	-
MW - 27	11/29/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	03/25/24	NS	-	-	-
MW - 27	06/20/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	09/12/24	NS	-	-	-
MW - 27	11/15/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 28	06/07/02	<0.001	<0.001	0.0010	0.0020
MW - 28	09/27/02	<0.001	<0.001	<0.001	<0.001
MW - 28	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 28	02/26/03	<0.001	<0.001	<0.001	<0.001
MW - 28	05/22/03	<0.001	<0.001	<0.001	<0.001
MW - 28	08/27/03	<0.001	<0.001	<0.001	<0.001
MW - 28	11/25/03	<0.001	<0.001	<0.001	<0.002
MW - 28	02/10/04	0.0010	<0.001	<0.001	<0.002
MW - 28	12/01/04	<0.001	<0.001	<0.001	<0.001
MW - 28	03/10/05	NS	-	-	-
MW - 28	06/11/05	<0.001	<0.001	<0.001	<0.001
MW - 28	09/09/05	NS	-	-	-
MW - 28	12/05/05	**0.0445**	<0.001	<0.001	<0.001
MW - 28	03/09/06	NS	-	-	-
MW - 28	06/08/06	<0.001	<0.001	<0.001	<0.001
MW - 28	09/13/06	NS	-	-	-
MW - 28	11/29/06	<0.001	<0.001	<0.001	<0.001
MW - 28	02/26/07	NS	-	-	-
MW - 28	05/21/07	<0.001	<0.001	<0.001	<0.001
MW - 28	08/16/07	NS	-	-	-
MW - 28	11/07/07	<0.001	<0.001	<0.001	<0.001
MW - 28	02/12/08	NS	-	-	-
MW - 28	05/15/08	<0.001	<0.001	<0.001	<0.001
MW - 28	08/18/08	NS	-	-	-
MW - 28	11/13/08	<0.001	<0.001	<0.001	<0.001
MW - 28	02/11/09	NS	-	-	-
MW - 28	05/13/09	<0.001	<0.001	<0.001	<0.001
MW - 28	08/11/09	NS	-	-	-

TABLE 5

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PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 28	11/23/09	<0.001	<0.001	<0.001	<0.001
MW - 28	02/10/10	NS	-	-	-
MW - 28	05/25/10	<0.001	<0.001	<0.001	<0.001
MW - 28	08/12/10	NS	-	-	-
MW - 28	11/17/10	<0.001	<0.001	<0.001	<0.001
MW - 28	02/22/11	NS	-	-	-
MW - 28	05/17/11	<0.001	<0.001	<0.001	<0.001
MW - 28	08/11/11	NS	-	-	-
MW - 28	11/09/11	<0.001	<0.001	<0.001	<0.001
MW - 28	03/01/12	NS	-	-	-
MW - 28	05/23/12	<0.001	<0.001	<0.001	<0.001
MW - 28	08/09/12	NS	-	-	-
MW - 28	11/20/12	<0.001	<0.001	<0.001	<0.001
MW - 28	02/12/13	NS	-	-	-
MW - 28	05/15/13	NS	-	-	-
MW - 28	08/13/13	NS	-	-	-
MW - 28	11/26/13	<0.001	<0.001	<0.001	<0.00300
MW - 28	02/10/14	NS	-	-	-
MW - 28	05/22/14	NS	-	-	-
MW - 28	08/13/14	NS	-	-	-
MW - 28	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 28	02/17/15	NS	-	-	-
MW - 28	05/14/15	NS	-	-	-
MW - 28	08/04/15	NS	-	-	-
MW - 28	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 28	02/10/16	NS	-	-	-
MW - 28	05/25/16	NS	-	-	-
MW - 28	08/19/16	NS	-	-	-
MW - 28	11/22/16	<0.00200	<0.00200	<0.00200	<0.00200
MW - 28	02/28/17	NS	-	-	-
MW - 28	05/18/17	NS	-	-	-
MW - 28	08/15/17	NS	-	-	-
MW - 28	11/15/17	<0.00100	<0.00100	<0.00100	<0.00200
MW - 28	02/20/18	NS	-	-	-
MW - 28	05/16/18	NS	-	-	-
MW - 28	08/14/18	NS	-	-	-
MW - 28	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 28	03/04/19	NS	-	-	-
MW - 28	05/13/19	NS	-	-	-
MW - 28	09/10/19	NS	-	-	-
MW - 28	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 28	02/13/20	NS	-	-	-
MW - 28	06/24/20	NS	-	-	-
MW - 28	08/18/20	NS	-	-	-
MW - 28	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 28	03/17/21	NS	-	-	-
MW - 28	05/27/21	NS	-	-	-
MW - 28	09/28/21	NS	-	-	-
MW - 28	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 28	03/04/22	NS	-	-	-
MW - 28	06/01/22	NS	-	-	-
MW - 28	08/23/22	NS	-	-	-
MW - 28	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 28	03/08/23	NS	-	-	-
MW - 28	05/02/23	NS	-	-	-
MW - 28	08/29/23	NS	-	-	-
MW - 28	11/29/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 28	03/25/24	NS	-	-	-
MW - 28	06/20/24	NS	-	-	-
MW - 28	09/12/24	NS	-	-	-
MW - 28	11/15/24	<0.00100	<0.00100	<0.00100	<0.00200
MW-29	06/07/02	<0.001	<0.001	<0.001	<0.001
MW-29	09/27/02	<0.001	<0.001	<0.001	<0.001
MW-29	12/04/02	<0.001	<0.001	<0.001	<0.001
MW-29	02/26/03	<0.001	<0.001	<0.001	<0.001
MW-29	05/22/03	<0.001	<0.001	<0.001	<0.001
MW-29	08/27/03	<0.001	<0.001	<0.001	<0.001
MW-29	11/25/03	<0.001	<0.001	<0.001	<0.002
MW-29	02/10/04	<0.001	<0.001	<0.001	<0.002
MW-29	12/01/04	<0.001	<0.001	<0.001	<0.001
MW-29	03/10/05	NS	-	-	-
MW-29	06/10/05	<0.005	<0.005	<0.005	<0.005
MW-29	09/09/05	NS	-	-	-
MW-29	09/13/05	P&A	-	-	-
MW - 30	06/07/02	<0.001	0.0010	<0.001	<0.001
MW - 30	09/27/02	<0.001	<0.001	<0.001	<0.001
MW - 30	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 30	02/26/03	<0.001	<0.001	<0.001	<0.001
MW - 30	05/22/03	<0.001	<0.001	<0.001	<0.001
MW - 30	08/27/03	<0.001	<0.001	<0.001	<0.001
MW - 30	11/25/03	<0.001	<0.001	<0.001	<0.002
MW - 30	02/10/04	<0.001	<0.001	<0.001	<0.002
MW - 30	12/01/04	<0.001	<0.001	<0.001	<0.001
MW - 30	03/10/05	NS	-	-	-
MW - 30	06/11/05	<0.001	<0.001	<0.001	<0.001
MW - 30	09/09/05	NS	-	-	-
MW - 30	12/05/05	<0.001	<0.001	<0.001	<0.001
MW - 30	03/09/06	NS	-	-	-
MW - 30	06/08/06	<0.001	<0.001	<0.001	<0.001
MW - 30	09/13/06	NS	-	-	-
MW - 30	11/29/06	<0.001	<0.001	<0.001	<0.001
MW - 30	02/26/07	NS	-	-	-
MW - 30	05/21/07	<0.001	<0.001	<0.001	<0.001
MW - 30	08/16/07	NS	-	-	-
MW - 30	11/07/07	<0.001	<0.001	<0.001	<0.001
MW - 30	02/12/08	NS	-	-	-

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 30	05/15/08	<0.001	<0.001	<0.001	<0.001
MW - 30	08/18/08	NS	-	-	-
MW - 30	11/13/08	<0.001	<0.001	<0.001	<0.001
MW - 30	02/11/09	NS	-	-	-
MW - 30	05/13/09	<0.001	<0.001	<0.001	<0.001
MW - 30	08/11/09	NS	-	-	-
MW - 30	11/23/09	<0.001	<0.001	<0.001	<0.001
MW - 30	02/10/10	NS	-	-	-
MW - 30	05/25/10	<0.001	<0.001	<0.001	<0.001
MW - 30	08/12/10	NS	-	-	-
MW - 30	11/17/10	<0.001	<0.001	<0.001	<0.001
MW - 30	02/22/11	NS	-	-	-
MW - 30	05/17/11	<0.001	<0.001	<0.001	<0.001
MW - 30	08/11/11	NS	-	-	-
MW - 30	11/09/11	<0.001	<0.001	<0.001	<0.001
MW - 30	03/01/12	NS	-	-	-
MW - 30	05/23/12	<0.001	<0.001	<0.001	<0.001
MW - 30	08/09/12	NS	-	-	-
MW - 30	11/20/12	<0.001	<0.001	<0.001	<0.001
MW - 30	02/12/13	NS	-	-	-
MW - 30	05/15/13	<0.00100	<0.00100	<0.00100	<0.00100
MW - 30	08/13/13	NS	-	-	-
MW - 30	11/26/13	<0.00100	<0.00100	<0.00100	<0.00300
MW - 30	02/10/14	NS	-	-	-
MW - 30	05/22/14	<0.00100	<0.00100	<0.00100	<0.00300
MW - 30	08/13/14	NS	-	-	-
MW - 30	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 30	02/17/15	NS	-	-	-
MW - 30	05/14/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 30	08/04/15	NS	-	-	-
MW - 30	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 30	02/10/16	NS	-	-	-
MW - 30	05/25/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 30	08/19/16	NS	-	-	-
MW - 30	11/22/16	<0.00200	<0.00200	<0.00200	<0.00200
MW - 30	02/28/17	NS	-	-	-
MW - 30	05/18/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 30	08/15/17	NS	-	-	-
MW - 30	11/15/17	<0.00100	<0.00100	<0.00100	<0.00200
MW - 30	02/20/18	NS	-	-	-
MW - 30	05/16/18	<0.00200	<0.00200	<0.00200	<0.00400
MW - 30	08/14/18	NS	-	-	-
MW - 30	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 30	03/04/19	NS	-	-	-
MW - 30	05/13/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 30	09/10/19	NS	-	-	-
MW - 30	12/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 30	02/13/20	NS	-	-	-
MW - 30	06/24/20	<0.00100	<0.00100	<0.00100	<0.00500

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 30	08/18/20	NS	-	-	-
MW - 30	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 30	03/17/21	NS	-	-	-
MW - 30	05/27/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 30	09/28/21	NS	-	-	-
MW - 30	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 30	03/04/22	NS	-	-	-
MW - 30	06/02/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 30	08/23/22	NS	-	-	-
MW - 30	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 30	03/08/23	NS	-	-	-
MW - 30	05/02/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 30	08/29/23	NS	-	-	-
MW - 30	11/29/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 30	03/25/24	NS	-	-	-
MW - 30	06/20/24	0.00107	<0.00100	<0.00100	<0.00200
MW - 30	09/12/24	NS	-	-	-
MW - 30	11/15/24	<0.00100	<0.00100	<0.00100	<0.00200
RW - 1	12/02/04	**2.2100**	0.6180	0.5560	0.4870
RW - 1	03/10/05	**2.2300**	**0.9230**	**0.8040**	**0.6250**
RW - 1	06/11/05	PSH	-	-	-
RW - 1	09/09/05	PSH	-	-	-
RW - 1	12/05/05	PSH	-	-	-
RW - 1	03/09/06	PSH	-	-	-
RW - 1	06/08/06	PSH	-	-	-
RW - 1	09/13/06	PSH	-	-	-
RW - 1	11/29/06	PSH	-	-	-
RW - 1	02/26/07	**1.4000**	0.2060	**0.8690**	0.4360
RW - 1	05/21/07	**1.0400**	0.2480	0.5380	0.2800
RW - 1	08/16/07	**1.5100**	0.4450	**0.9140**	0.4230
RW - 1	11/07/07	**1.5900**	0.6790	**0.8360**	0.5260
RW - 1	02/12/08	**0.6850**	0.1090	0.2520	0.1480
RW - 1	05/15/08	**1.5000**	0.3900	**0.7840**	0.4090
RW - 1	08/19/08	**1.3700**	0.3630	0.5260	0.2870
RW - 1	11/13/08	**1.3300**	0.4410	0.6060	0.3410
RW - 1	02/11/09	**1.3200**	0.2820	0.5390	0.2700
RW - 1	05/13/09	**1.3700**	0.3600	0.5970	0.3730
RW - 1	08/11/09	**1.8700**	0.4860	0.7490	0.4420
RW - 1	11/23/09	**1.2700**	0.3550	0.5160	0.2300
RW - 1	02/10/10	**1.3900**	0.2780	0.5440	0.2920
RW - 1	05/25/10	**1.4500**	0.2650	0.5110	0.2720
RW - 1	08/12/10	**0.5610**	<0.100	0.2000	0.1100
RW - 1	11/17/10	**1.3800**	0.3960	0.6510	**0.9500**
RW - 1	02/22/11	**2.1200**	**0.9240**	**0.8210**	**3.7100**
RW - 1	05/17/11	**1.9800**	0.6830	<0.100	**1.6400**
RW - 1	08/11/11	**1.3600**	0.4450	<0.100	**0.9870**
RW - 1	11/09/11	**0.5300**	<0.100	<0.100	<0.100
RW - 1	03/01/12	**1.2100**	<0.100	<0.100	<0.100

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
RW - 1	05/23/12	**0.8560**	<0.100	0.2590	0.1700
RW - 1	08/09/12	**0.0056**	<0.001	<0.001	0.0015
RW - 1	11/20/12	**0.336**	<0.01	<0.01	0.0443
RW - 1	02/12/13	**0.254**	<0.005	0.0470	<0.005
RW - 1	05/15/13	**0.599**	<0.0500	0.0768	0.0610
RW - 1	08/07/13	**0.246**	<0.0500	0.0298	<0.00500
RW - 1	11/26/13	**0.219**	0.0024	0.0238	0.0244
RW - 1	02/10/14	**1.24**	<0.0500	0.272	0.189
RW - 1	05/22/14	**0.456**	<0.0500	0.0640	<0.150
RW - 1	08/13/14	PSH	-	-	-
RW - 1	11/05/14	**0.280**	<0.0500	0.108	0.0909
RW - 1	02/17/15	**0.255**	<0.0500	0.0783	<0.0500
RW - 1	05/14/15	**0.444**	<0.0500	0.194	0.404
RW - 1	08/04/15	**0.714**	<0.0500	0.0608	0.125
RW - 1	11/17/15	**1.03**	<0.0500	0.278	0.196
RW - 1	02/10/16	**1.04**	<0.0500	0.264	0.256
RW - 1	05/25/16	**1.02**	<0.0500	0.198	0.133
RW - 1	08/19/16	**0.652**	<0.0500	0.0887	0.0548
RW - 1	11/22/16	**0.242**	<0.00200	0.0532	0.0415
RW - 1	03/01/17	**0.359**	0.00286	0.0486	0.0483
RW - 1	05/18/17	**1.15**	0.0122	0.168	0.193
RW - 1	08/15/17	**1.82**	0.0266	0.330	0.357
RW - 1	11/16/17	**1.72**	0.0544	0.328	0.313
RW - 1	11/16/17	**0.488**	0.00494	0.143	0.14260
RW - 1	02/19/18	**0.823**	0.0230	0.180	0.234
RW - 1	05/16/18	**0.474**	<0.0400	0.0758	0.1224
RW - 1	08/14/18	**0.731**	<0.0500	0.122	<0.100
RW - 1	11/29/18	**0.937**	<0.0500	0.320	0.356
RW - 1	03/05/19	**0.174**	0.00130	0.0529	0.0553
RW - 1	05/14/19	**0.576**	0.00780	0.141	0.1842
RW - 1	09/11/19	**0.227**	0.00326	0.0944	0.1224
RW - 1	12/04/19	**0.280**	0.00554	0.0954	0.1603
RW - 1	02/13/20	**0.275**	0.0202	0.105	0.2056
RW - 1	06/25/20	**0.975**	0.0187	0.144	0.2395
RW - 1	08/19/20	**0.378**	0.0143	0.145	0.1948
RW - 1	11/11/20	**0.466**	0.00880	0.0840	0.1126
RW - 1	03/18/21	**0.451**	0.0286	0.173	0.2481
RW - 1	05/27/21	**0.870**	0.0170	0.118	0.1697
RW - 1	09/29/21	**0.254**	0.0164	0.0819	0.1676
RW - 1	12/01/21	**0.372**	0.00573	0.0686	0.1162
RW - 1	03/04/22	**0.771**	0.0121	0.106	0.1900
RW - 1	06/02/22	**0.343**	0.00272	0.0426	0.0718
RW - 1	08/24/22	**0.240**	0.00472	0.00203	0.01644
RW - 1	03/08/23	**0.622**	0.0150	0.104	0.2204
RW - 1	05/02/23	**0.371**	0.0199	0.0728	0.2068
RW - 1	08/31/23	**0.642**	0.0136	0.111	0.2159
RW - 1	11/29/23	**0.398**	0.00747	0.0556	0.1503
RW - 1	03/27/24	**0.679**	0.0072	0.044	0.1587
RW - 1	06/20/24	**1.11**	0.00377	0.0880	0.2317

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
RW - 1	09/12/24	**0.351**	0.00342	0.0442	0.1938
RW - 1	11/15/24	**0.187**	0.00359	0.0171	0.0771
RW - 2	12/02/04	**1.1400**	<0.200	0.3540	0.3700
RW - 2	03/10/05	**1.0800**	<0.05	0.4160	0.3660
RW - 2	06/11/05	PSH	-	-	-
RW - 2	09/09/05	PSH	-	-	-
RW - 2	12/05/05	PSH	-	-	-
RW - 2	03/09/06	PSH	-	-	-
RW - 2	06/08/06	PSH	-	-	-
RW - 2	09/13/06	PSH	-	-	-
RW - 2	11/29/06	**0.7600**	<0.005	0.0609	0.2030
RW - 2	02/26/07	**0.9370**	<0.01	0.6000	0.3520
RW - 2	05/21/07	**1.0000**	<0.01	0.6040	0.4780
RW - 2	08/16/07	**1.0600**	<0.01	0.4980	0.3080
RW - 2	11/07/07	**1.8000**	<0.01	**0.8540**	**0.6360**
RW - 2	02/12/08	**0.6260**	0.0147	0.2600	0.1680
RW - 2	05/15/08	**1.2400**	<0.0100	0.5540	0.3610
RW - 2	08/19/08	**1.3000**	<0.0100	0.4660	0.2860
RW - 2	11/13/08	**1.0500**	<0.0100	0.4600	0.2980
RW - 2	02/11/09	**1.1100**	<0.0100	0.4950	0.3040
RW - 2	05/13/09	**1.0400**	<0.0100	0.5140	0.3970
RW - 2	08/11/09	**1.2700**	<0.0100	0.6210	0.4260
RW - 2	11/23/09	**0.9010**	<0.0100	0.3580	0.1570
RW - 2	02/10/10	**0.9460**	<0.0100	0.4560	0.2680
RW - 2	05/25/10	**0.9600**	<0.0100	0.3750	0.2200
RW - 2	08/12/10	**0.5140**	<0.100	0.3980	0.2580
RW - 2	11/17/10	**1.0000**	<0.100	0.5390	<0.100
RW - 2	02/22/11	**1.4900**	<0.100	**1.0400**	**1.9900**
RW - 2	05/17/11	**1.7000**	<0.100	<0.100	<0.100
RW - 2	08/11/11	**1.4400**	<0.100	<0.100	<0.100
RW - 2	11/09/11	**0.2960**	<0.100	<0.100	<0.100
RW - 2	03/01/12	**0.9620**	<0.100	<0.100	<0.100
RW - 2	05/23/12	**1.0700**	<0.050	0.3370	0.1150
RW - 2	08/09/12	**0.0135**	<0.001	0.0047	0.0022
RW - 2	11/20/12	**0.335**	<0.01	0.1240	0.0436
RW - 2	02/12/13	**0.132**	<0.00500	<0.00500	<0.00500
RW - 2	05/15/13	**0.179**	<0.0500	<0.0500	<0.0500
RW - 2	08/07/13	**0.836**	<0.0100	0.2830	0.0835
RW - 2	11/26/13	**0.245**	0.0013	0.1070	0.0390
RW - 2	02/10/14	**0.856**	<0.0500	0.319	<0.150
RW - 2	05/22/14	PSH	-	-	-
RW - 2	08/13/14	PSH	-	-	-
RW - 2	11/05/14	**0.113**	<0.0500	0.106	<0.0500
RW - 2	02/17/15	**0.156**	<0.0500	0.101	<0.0500
RW - 2	05/14/15	**0.0838**	<0.0500	0.0603	<0.0500
RW - 2	08/04/15	**0.356**	<0.0500	0.140	0.0718
RW - 2	11/17/15	**0.580**	<0.0500	0.241	0.131
RW - 2	02/10/16	**0.576**	<0.0500	0.287	0.253

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18-KNOWN
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109543384

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
RW - 2	05/25/16	**0.734**	<0.0500	0.456	0.135
RW - 2	08/19/16	**0.445**	<0.0500	0.0879	<0.0500
RW - 2	11/22/16	**0.659**	<0.0100	0.410	0.138
RW - 2	03/01/17	**0.433**	0.206	0.406	1.01
RW - 2	05/18/17	**0.336**	<0.00200	0.0812	0.0712
RW - 2	08/15/17	**0.972**	<0.0100	0.258	0.0937
RW - 2	11/16/17	**0.399**	0.00253	0.159	0.07518
RW - 2	02/19/18	**0.374**	0.0254	0.147	0.1114
RW - 2	05/16/18	**0.121**	0.00262	0.0173	0.0123
RW - 2	08/14/18	**0.397**	<0.0100	0.121	0.1000
RW - 2	11/29/18	**0.650**	<0.0100	0.350	0.131
RW - 2	03/05/19	**0.0992**	0.00253	0.0608	0.04073
RW - 2	05/14/19	**0.135**	<0.00500	0.0475	0.03255
RW - 2	09/10/19	**0.155**	<0.00100	0.0438	0.02768
RW - 2	12/04/19	**0.0665**	0.00282	0.0322	0.0354
RW - 2	02/13/20	**0.0865**	0.0167	0.0632	0.1459
RW - 2	06/25/20	**0.155**	0.0141	0.0808	0.1422
RW - 2	08/19/20	**0.245**	0.0100	0.0693	0.0901
RW - 2	11/11/20	**0.372**	0.00397	0.0268	0.0162
RW - 2	03/18/21	**0.218**	0.0175	0.0426	0.1278
RW - 2	05/27/21	PSH	-	-	-
RW - 2	09/29/21	PSH	-	-	-
RW - 2	12/02/21	0.00622	<0.00100	<0.00100	<0.00200
RW - 2	03/03/22	**0.0372**	<0.00100	0.00116	<0.00200
RW - 2	06/01/22	**0.0774**	<0.00100	0.00698	0.00699
RW - 2	08/24/22	**0.482**	0.00596	0.0985	0.07270
RW - 2	10/18/22	**0.0368**	<0.00100	0.0201	0.0109
RW - 2	03/09/23	0.00786	<0.00100	0.00377	0.00200
RW - 2	05/03/23	**0.0208**	0.00137	0.00810	0.00388
RW - 2	08/30/23	**0.346**	0.00163	0.0578	0.03416
RW - 2	11/30/23	**0.126**	0.00107	0.0389	0.0175
RW - 2	03/26/24	**0.0544**	<0.00100	0.0291	0.0126
RW - 2	06/20/24	**0.228**	0.00160	0.160	0.0580
RW - 2	09/11/24	**0.360**	<0.0250	0.0560	<0.0750
RW - 2	11/14/24	**0.117**	0.00135	0.0436	0.0219

Notes:
1. Benzene, toluene, ethylbenzene, and total xylenes (BTEX) analysis by Environmental Protection Agency (EPA) Method SW846-8021B.
2. All reported concentrations are reported as milligrams per liter (mg/L).
3. Bold font indicates laboratory results exceeding NMWQCC Human Health Standards.
4. < - Not detected above the Sample Detection Limit.
5. NS - Not sampled.
6. '- - No data available for corresponding date.
7. PSH - Phase Separated Hydrocarbons.
8. P&A - Plugged and abandoned.

Released to Imaging: 11/10/2025 11:04:12 AM
Received by OCD: 11/6/2025 3:23:03 PM

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18 KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542384

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	11/13/08	<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-1	11/23/09	<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-1	11/18/10	NS																		
MW-1	12/14/11	NS																		
MW-1	11/20/12	NS																		
MW-1	11/27/13	NS																		
MW-1	11/05/14	NS																		
MW-1	11/17/15	NS																		
MW-1	11/21/16	NS																		
MW-1	11/15/17	NS																		
MW-1	11/28/18	NS																		
MW-1	12/03/19	NS																		
MW-1	11/10/20	NS																		
MW-1	12/01/21	NS																		
MW-1	10/18/22	NS																		
MW-1	11/29/23	NS																		
MW-1	11/13/24	NS																		
MW-2	11/13/08	<0.00917	<0.00917	**0.0389**	<0.00917	<0.00917	<0.00917	<0.00917	<0.00917	<0.00917	<0.00917	<0.00917	**0.0256**	<0.00917	**0.0385**	<0.00917	**0.0778**	**0.179**	**0.180**	0.028
MW-2	11/23/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.00451**	<0.000922	**0.00667**	<0.000922	0.0133	**0.0304**	**0.0217**	0.00353
MW-2	11/18/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00419**	<0.000184	0.00164	0.0065	0.00198	0.00219
MW-2	12/14/11	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	**0.00495**	<0.000188	**0.0154**	**0.0292**	**0.0174**	0.00412
MW-2	11/20/12	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	**0.0306**	<0.00948	**0.0202**	**0.0664**	**0.0179**	<0.00948
MW-2	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-2	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-2	11/17/15	NS																		
MW-2	11/22/16	NS																		
MW-2	11/15/17	NS																		
MW-2	11/29/18	NS																		
MW-2	12/04/19	NS																		
MW-2	11/11/20	NS																		
MW-2	12/01/21	NS																		
MW-2	10/18/22	NS																		
MW-2	11/29/23	NS																		
MW-2	11/13/24	NS																		

Released to Imaging: 11/10/2025 11:04:12 AM
Received by OCD: 11/6/2025 3:23:03 PM

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18 KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542384

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																	
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		--	--	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	--	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			--
MW-3	11/13/08	<0.000184	0.000464	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00202**	<0.000184	**0.00241**	<0.000184	0.00606	0.0137	0.00483	0.00215
MW-3	11/23/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.00996**	<0.000922	**0.0108**	<0.000922	0.0294	**0.0707**	**0.0332**	0.00908
MW-3	11/18/10	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000552	<0.000183	0.00091	<0.000183	0.00239	0.00485	0.000925	0.000708
MW-3	12/14/11	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	**0.00294**	<0.000188	0.00586	0.0197	0.00399	0.00269
MW-3	11/20/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	0.0145	<0.00190	<0.00190
MW-3	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-3	11/05/14	NS																		
MW-3	11/17/15	NS																		
MW-3	11/22/16	NS																		
MW-3	11/15/17	NS																		
MW-3	11/29/18	NS																		
MW-3	12/04/19	NS																		
MW-3	11/11/20	NS																		
MW-3	12/01/21	NS																		
MW-3	10/19/22	NS																		
MW-3	11/29/23	NS																		
MW-3	11/13/24	NS																		
MW-4	11/13/08	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	**0.00752**	<0.00463	<0.00463	<0.00463	<0.00463	**0.0307**	<0.00463	0.0292	**0.164**	**0.0532**	0.024
MW-4	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00166**	<0.000184	**0.00161**	<0.000184	**0.0107**	**0.0229**	**0.00588**	0.00198
MW-4	11/18/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00174**	<0.000184	**0.0017**	<0.000184	**0.0101**	**0.0162**	**0.00576**	0.00232
MW-4	12/14/11	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	**0.0124**	<0.000187	**0.0177**	**0.077**	**0.0227**	0.0103
MW-4	11/20/12	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	**0.0575**	<0.00952	**0.0707**	**0.292**	**0.115**	<0.00952
MW-4	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**<0.000200**	**0.156**	**0.0511**	<0.000200
MW-4	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.0631**	**0.308**	**0.0979**	<0.000200
MW-4	11/17/15	<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	**0.421**	**3.10**	**0.493**	0.0176
MW-4	11/22/16	0.00323	<0.00241	<0.00241	**0.00255**	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241	**0.00437**	<0.00241	**0.0113**	<0.00241	**0.0508**			0.00642
MW-4	11/15/17	0.000278	0.000368	**0.00481**	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	0.000191	**0.00301**	<0.0000218	**0.00546**	<0.0000218	**0.05330**			0.00353
MW-4	11/29/18	0.00012	0.00013	0.00068	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00080	<0.00011	0.00075	<0.00011	**0.0219**			0.00079
MW-4	12/04/19	0.00093	0.0020	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	**0.0046**	<0.000097	**0.0011**	**0.027**	<0.000097	**0.044**	**0.0032**	**0.287**			0.033
MW-4	11/11/20	0.00035	0.00085	0.00050	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0060**	<0.00010	**0.021**	<0.00010	**0.273**			0.0073
MW-4	12/02/21	0.0026	0.00079	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0021**	<0.00010	**0.0022**	<0.00010	**0.0392**			0.0028
MW-4	10/18/22	0.00018	0.00020	0.00056	**<0.00011**	**<0.00011**	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	**0.0013**	<0.00011	**0.0035**	<0.00011	**0.102**			-
MW-4	11/30/23	0.00014	0.00023	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0016**	<0.00010	**0.0016**	<0.00011	**0.096**			-
MW-4	11/14/24	<0.000083	0.00022	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	0.0016	<0.000083	**0.0013**	<0.000083	**0.343**			-

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TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18 KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542384

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		--	--	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	--	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			--
MW-5	11/13/08	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	**0.00478**	<0.00183	**0.00528**	<0.00183	**0.0309**	**0.0417**	**0.0354**	0.00485
MW-5	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00201**	<0.000184	**0.00176**	<0.000184	**0.0216**	**0.0285**	**0.023**	0.00268
MW-5	11/18/10	NS																		
MW-5	12/16/11	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.00665**	<0.000183	**0.0281**	**0.038**	**0.0347**	0.00581
MW-5	11/20/12	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	**0.0598**	**0.142**	**0.122**	<0.00952
MW-5	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.0349**	**0.0473**	**0.0367**	<0.000200
MW-5	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.0358**	**0.0616**	**0.0266**	<0.000200
MW-5	11/17/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-5	11/22/16	<0.00242	<0.00242	<0.00242	<0.00242	<0.00242	<0.00242	<0.00242	<0.00242	<0.00242	<0.00242	<0.00242	**0.00355**	<0.00242	**0.00885**	<0.00242	**0.0407**			0.00328
MW-5	11/16/17	0.00232	0.00162	0.000867	**0.00123**	0.000665	0.000958	0.00108	0.000796	**0.00213**	**0.00139**	**0.00105**	**0.00681**	**0.00150**	**0.0113**	**0.00132**	0.0298			0.00651
MW-5	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	0.00045	<0.00011	0.00046	**<0.00011**	0.0161			0.00059
MW-5	12/04/19	0.00035	0.00031	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	**0.00057**	<0.000097	0.00035	**0.0026**	<0.000097	**0.0056**	0.00092	**0.115**			0.0026
MW-5	11/11/20	PSH																		
MW-5	12/01/21	PSH																		
MW-5	10/19/22	PSH																		
MW-5	11/29/23	PSH																		
MW-5	11/13/24	PSH																		
MW-6	11/13/08	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	**0.00723**	<0.00185	**0.00814**	<0.00185	**0.0282**	**0.0434**	**0.0336**	0.00709
MW-6	11/23/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.00759**	<0.000922	**0.0116**	<0.000922	**0.00817**	**0.0327**	**0.00836**	0.00702
MW-6	11/18/10	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.00264**	<0.000183	**0.00342**	<0.000183	<0.000183	0.00393	<0.000183	0.00253
MW-6	12/14/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.0151**	<0.000184	**0.00838**	**0.0349**	**0.0078**	0.010
MW-6	11/20/12	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	**0.0173**	<0.00952	**0.0118**	**0.0395**	<0.00952	<0.00952
MW-6	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-6	11/05/14	PSH																		
MW-6	11/17/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.06000	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.540**	**6.80**	**0.693**	0.0312
MW-6	11/22/16	0.0216	0.00884	**0.00622**	**0.0141**	<0.00242	<0.00242	<0.00242	<0.00242	<0.00242	<0.00242	**0.00527**	**0.0301**	<0.00242	**0.0552**	**0.00623**	**0.0324**			0.0246
MW-6	11/15/17	0.000530	0.00162	**0.00365**	**0.00381**	<0.0000218	<0.0000218	<0.0000218	<0.0000218	**0.000640**	<0.0000218	0.000805	**0.0126**	<0.0000218	**0.0319**	**0.00159**	**0.09311**			0.00739
MW-6	11/29/18	<0.00056	<0.00056	<0.00056	**<0.00056**	<0.00056	<0.00056	<0.00056	<0.00056	**<0.00056**	**<0.00056**	<0.00056	0.00086	**<0.00056**	**0.0011**	<0.00056	0.00387			<0.00056
MW-6	12/04/19	0.0049	0.0056	<0.00097	**<0.00097**	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097	**0.0027**	**0.031**	<0.00097	**0.075**	**0.0070**	**0.121**			0.034
MW-6	11/11/20	0.00032	0.00068	0.00034	**<0.00011**	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	**0.0047**	<0.00011	**0.0083**	<0.00011	0.0207			0.0045
MW-6	12/02/21	0.0011	0.00036	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0011**	<0.00010	**0.0016**	<0.00010	0.0172			0.0015
MW-6	10/18/22	0.00045	0.00050	0.00047	**0.00029**	<0.00010	<0.00010	<0.00010	<0.00010	**0.00029**	<0.00010	0.00036	**0.0016**	<0.00010	**0.0020**	0.00030	0.0163			-
MW-6	11/30/23	0.00015	0.00030	<0.0010	<0.0010	<0.00010	<0.00010	<0.00010	<0.00010	<0.0010	<0.00010	0.00036	**0.0016**	<0.00010	**0.0012**	<0.00010	0.01077			-
MW-6	11/14/24	NS																		

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TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18 KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542384

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	11/13/08	<0.00922	<0.00922	**0.0744**	<0.00922	<0.00922	<0.00922	<0.00922	<0.00922	**0.0189**	<0.00922	<0.00922	**0.0648**	<0.00922	**0.0735**	<0.00922	**0.058**	**0.267**	**0.236**	<0.00922
MW-7	11/23/09	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.0136**	<0.000917	**0.0184**	<0.000917	**0.0245**	**0.102**	**0.0863**	0.0100
MW-7	11/18/10	PSH																		
MW-7	12/14/11	PSH																		
MW-7	11/20/12	PSH																		
MW-7	11/27/13	PSH																		
MW-7	11/05/14	PSH																		
MW-7	11/17/15	PSH																		
MW-7	11/22/16	PSH																		
MW-7	11/15/17	PSH																		
MW-7	11/29/18	0.00031	0.00021	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	**0.0020**	<0.00011	**0.0015**	<0.00011	**0.1126**			0.0024
MW-7	12/04/19	0.0056	0.0081	<0.00097	**<0.00097**	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097	**0.0036**	**0.059**	<0.00097	**0.16**	**0.0051**	**0.966**			0.046
MW-7	11/11/20	PSH																		
MW-7	12/01/21	PSH																		
MW-7	10/19/22	PSH																		
MW-7	11/29/23	PSH																		
MW-7	11/13/24	PSH																		
MW-8	11/13/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
MW-8	11/23/09	<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-8	11/18/10	NS																		
MW-8	12/14/11	NS																		
MW-8	11/20/12	NS																		
MW-8	11/27/13	NS																		
MW-8	11/05/14	NS																		
MW-8	11/17/15	NS																		
MW-8	11/22/16	NS																		
MW-8	11/15/17	NS																		
MW-8	11/28/18	NS																		
MW-8	12/03/19	NS																		
MW-8	11/10/20	NS																		
MW-8	12/01/21	NS																		
MW-8	10/19/22	NS																		
MW-8	11/29/23	NS																		
MW-8	11/13/24	NS																		

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PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18 KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542384

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		--	--	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	--	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			--
MW-9	11/13/08	<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-9	11/23/09	<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-9	11/18/10	NS																		
MW-9	12/14/11	NS																		
MW-9	11/20/12	NS																		
MW-9	11/27/13	NS																		
MW-9	11/05/14	NS																		
MW-9	11/17/15	NS																		
MW-9	11/22/16	NS																		
MW-9	11/15/17	NS																		
MW-9	11/28/18	NS																		
MW-9	12/03/19	NS																		
MW-9	11/10/20	NS																		
MW-9	12/01/21	NS																		
MW-9	10/19/22	NS																		
MW-9	11/29/23	NS																		
MW-9	11/14/24	NS																		
MW-10	11/13/08	<0.000184	<0.000184	0.0108	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.0096**	<0.000184	**0.0107**	<0.000184	0.00225	0.0289	<0.000184	0.00764
MW-10	11/23/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.00664**	<0.000922	**0.00726**	<0.000922	**0.00304**	**0.0277**	<0.000922	0.00522
MW-10	11/18/10	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	**0.00245**	<0.000186	**0.00321**	<0.000186	0.00209	0.0146	0.000504	0.00286
MW-10	12/14/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00496**	<0.000184	0.0031	0.0193	0.0015	0.00373
MW-10	11/20/12	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	0.0228	<0.00952	<0.00952
MW-10	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-10	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.175**	<0.000200	<0.000200
MW-10	11/17/15	<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	**0.845**	<0.000200	<0.000200
MW-10	11/22/16	<0.00977	<0.00977	<0.00977	**0.0105**	<0.00977	<0.00977	<0.00977	<0.00977	<0.00977	<0.00977	<0.00977	**0.0126**	<0.00977	**0.0328**	<0.00977	0.0166			0.0119
MW-10	11/15/17	<0.0000218	0.000472	0.000624	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	**0.000548**	<0.0000218	<0.0000327	**0.00248**	<0.0000218	**0.00549**	<0.0000218	0.000880	0.0288	0.000125	0.00644
MW-10	11/29/18	0.00019	0.00012	<0.00011	**<0.00011**	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	**0.0012**	<0.00011	**0.0012**	<0.00011	0.008520			0.0014
MW-10	12/04/19	0.00083	0.0012	<0.000098	**0.00055**	<0.000098	<0.000098	<0.000098	<0.000098	**0.0026**	<0.000098	0.00066	**0.0059**	<0.000098	**0.018**	**0.0029**	**0.03022**			0.0069
MW-10	11/11/20	0.00032	0.00065	0.00025	**<0.00011**	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	**0.0044**	<0.00011	**0.0055**	<0.00011	0.01904			0.0046
MW-10	12/01/21	0.0010	<0.000099	0.00016	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	**0.0011**	<0.000099	**0.0015**	<0.000099	0.01478			0.0014
MW-10	10/19/22	0.00022	0.00025	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0019**	<0.00010	**0.0016**	<0.00010	0.01473			-
MW-10	11/29/23	0.00073	0.0018	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0077**	<0.00010	**0.0085**	<0.00010	**0.0509**			-
MW-10	11/14/24	<0.00010	<0.00010	0.00030	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0025**	<0.00010	**0.0019**	<0.00010	0.00725			<0.00010

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TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18 KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542384

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		--	--	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	--	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			--
MW-11	11/13/08	<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-11	11/23/09	<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-11	11/18/10	NS																		
MW-11	12/14/11	NS																		
MW-11	11/20/12	NS																		
MW-11	11/27/13	NS																		
MW-11	11/05/14	NS																		
MW-11	11/17/15	NS																		
MW-11	11/21/16	NS																		
MW-11	11/15/17	NS																		
MW-11	11/28/18	NS																		
MW-11	12/03/19	NS																		
MW-11	11/10/20	NS																		
MW-11	12/01/21	NS																		
MW-11	10/19/22	NS																		
MW-11	11/29/23	NS																		
MW-11	11/13/24	NS																		
MW-12	11/13/08	<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	0.000345
MW-12	11/23/09	<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-12	11/18/10	NS																		
MW-12	12/14/11	NS																		
MW-12	11/20/12	NS																		
MW-12	11/27/13	NS																		
MW-12	11/05/14	NS																		
MW-12	11/17/15	NS																		
MW-12	11/22/16	NS																		
MW-12	11/15/17	NS																		
MW-12	11/28/18	NS																		
MW-12	12/03/19	NS																		
MW-12	11/10/20	NS																		
MW-12	12/01/21	NS																		
MW-12	10/19/22	NS																		
MW-12	11/29/23	NS																		
MW-12	11/13/24	NS																		

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SRS NO. TNM 97-18 KNOWN
LEA COUNTY, NEW MEXICO
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SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
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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	11/13/08	<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-14	11/23/09	<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-14	11/18/10	NS																		
MW-14	12/14/11	NS																		
MW-14	11/20/12	NS																		
MW-14	11/27/13	NS																		
MW-14	11/05/14	NS																		
MW-14	11/17/15	NS																		
MW-14	11/21/16	NS																		
MW-14	11/15/17	NS																		
MW-14	11/28/18	NS																		
MW-14	12/03/19	NS																		
MW-14	11/10/20	NS																		
MW-14	12/01/21	NS																		
MW-14	10/19/22	NS																		
MW-14	11/29/23	NS																		
MW-14	11/14/24	NS																		
MW-15	11/13/08	<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-15	11/23/09	<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-15	11/18/10	NS																		
MW-15	12/14/11	NS																		
MW-15	11/20/12	NS																		
MW-15	11/27/13	NS																		
MW-15	11/05/14	NS																		
MW-15	11/17/15	NS																		
MW-15	11/21/16	NS																		
MW-15	11/15/17	NS																		
MW-15	11/28/18	NS																		
MW-15	12/03/19	NS																		
MW-15	11/10/20	NS																		
MW-15	12/01/21	NS																		
MW-15	10/19/22	NS																		
MW-15	11/29/23	NS																		
MW-15	11/13/24	Dry																		

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SRS NO. TNM 97-18 KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542384

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
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Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		--	--	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	--	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			--
MW-16	11/13/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-16	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-16	11/18/10	NS																		
MW-16	12/14/11	NS																		
MW-16	11/20/12	NS																		
MW-16	11/27/13	NS																		
MW-16	11/05/14	NS																		
MW-16	11/17/15	NS																		
MW-16	11/21/16	NS																		
MW-16	11/15/17	NS																		
MW-16	11/28/18	NS																		
MW-16	12/03/19	NS																		
MW-16	11/10/20	NS																		
MW-16	12/01/21	NS																		
MW-16	10/19/22	NS																		
MW-16	11/29/23	NS																		
MW-16	11/13/24	NS																		
MW-17	11/13/08	<0.000184	0.00022	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.000306**	<0.000184	<0.000184	**0.00266**	<0.000184	**0.0023**	<0.000184	**0.0322**	**0.0261**	**0.0203**	0.00292
MW-17	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00162**	<0.000184	**0.00138**	<0.000184	**0.0371**	**0.0300**	**0.0229**	0.00205
MW-17	11/18/10	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	**0.00107**	<0.000186	0.000848	<0.000186	**0.0155**	**0.0153**	**0.00854**	0.00153
MW-17	12/14/11	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	**0.00153**	<0.000189	**0.00133**	<0.000189	**0.0281**	**0.0384**	**0.0143**	0.00238
MW-17	11/20/12	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	**0.00336**	<0.000190	**0.00356**	<0.000190	**0.0483**	**0.0577**	**0.0254**	0.00557
MW-17	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.09**	**0.0563**	**0.135**	<0.000200
MW-17	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.117**	**0.149**	**0.0518**	0.00678
MW-17	11/17/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0732	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.449**	<0.000200	<0.000200	**0.638**	**1.02**	**0.249**	0.00335
MW-17	11/22/16	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	**0.0583**			<0.00965
MW-17	11/15/17	0.000115	0.000216	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000327	0.00194	<0.0000218	0.00199	<0.0000218	**0.1803**			0.00290
MW-17	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	**0.0011**	<0.00011	0.00094	<0.00011	**0.0409**			0.0013
MW-17	12/04/19	0.00033	0.00044	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	**0.0031**	<0.000096	**0.0030**	<0.000096	**0.200**			0.0052
MW-17	11/11/20	0.00023	0.00041	<0.00011	**<0.00011**	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	**0.0032**	<0.00011	**0.0018**	<0.00011	**0.348**			0.0053
MW-17	12/01/21	0.0010	0.00029	0.00014	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00014	<0.00010	0.00012	**0.0020**	<0.00010	**0.0025**	<0.00010	**0.078**		0.0035
MW-17	10/19/22	0.00022	0.00040	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0026**	<0.00010	<0.00010		**0.142**			-
MW-17	11/29/23	0.00030	0.00049	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0040**	<0.00010	**0.0023**		**0.158**			-
MW-17	11/14/24	0.00016	0.00025	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	**0.0023**	<0.000083	**0.0016**	<0.000083	**0.0658**			<0.000083

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TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18 KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542384

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	11/13/08	<0.000183	0.000247	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.00205**	<0.000183	**0.00123**	<0.000183	**0.0422**	**0.0326**	**0.021**	0.00262
MW-18	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00163**	<0.000184	**0.00166**	<0.000184	**0.0328**	**0.0282**	**0.0192**	0.00186
MW-18	11/18/10	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	**0.00112**	<0.000186	0.000842	<0.000186	**0.0247**	**0.0191**	**0.012**	0.00162
MW-18	12/14/11	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.00147**	<0.000183	**0.00131**	<0.000183	**0.0278**	**0.0276**	**0.0157**	0.00242
MW-18	11/20/12	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	**0.00245**	<0.000190	**0.00222**	<0.000190	**0.0639**	**0.0479**	**0.0337**	0.0045
MW-18	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.0835**	**0.0742**	**0.0525**	<0.000200
MW-18	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.11**	**0.126**	**0.0458**	<0.000200
MW-18	11/17/15	<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	**1.26**	**1.64**	**0.398**	0.00580
MW-18	11/22/16	<0.000485	<0.000485	<0.000485	<0.000485	<0.000485	<0.000485	<0.000485	<0.000485	<0.000485	<0.000485	<0.000485	**0.00147**	<0.000485	**0.00159**	<0.000485	**0.0623**			0.00244
MW-18	11/15/17	0.000530	0.000119	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000327	**0.00139**	<0.0000218	**0.00180**	<0.0000218	**0.10361**			0.00281
MW-18	11/29/18	0.00025	<0.00011	0.00057	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00065	<0.00011	0.00064	<0.00011	**0.0684**			0.00093
MW-18	12/04/19	0.00023	0.00038	**0.0012**	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	0.00011	**0.0036**	<0.000097	**0.0040**	0.00023	**0.176**			0.0052
MW-18	11/11/20	0.00026	0.00030	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0024**	<0.00010	**0.0016**	<0.00010	**0.0407**			0.0045
MW-18	12/01/21	0.00090	0.00034	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0014**	<0.00010	**0.0020**	<0.00010	**0.04103**			0.0024
MW-18	10/19/22	0.00042	0.00064	<0.00012	**<0.00012**	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	**0.0039**	<0.00012	**0.0027**	<0.00012	**0.04849**			-
MW-18	11/29/23	0.00025	0.00037	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0029**	<0.00010	**0.0030**	<0.00010	**0.13381**			-
MW-18	11/14/24	0.00016	0.00024	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	**0.0027**	<0.000083	**0.0013**	<0.000083	**0.03397**			<0.000083
MW-20	11/13/08	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	0.000303
MW-20	11/23/09	<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-20	11/18/10	NS																		
MW-20	12/14/11	NS																		
MW-20	11/20/12	NS																		
MW-20	11/27/13	NS																		
MW-20	11/05/14	NS																		
MW-20	11/17/15	NS																		
MW-20	11/22/16	NS																		
MW-20	11/15/17	NS																		
MW-20	11/28/18	NS																		
MW-20	12/04/19	NS																		
MW-20	11/10/20	NS																		
MW-20	12/01/21	NS																		
MW-20	10/19/22	NS																		
MW-20	11/29/23	NS																		
MW-20	11/13/24	NS																		

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HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18 KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542384

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-21	11/13/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
MW-21	11/23/09	<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-21	11/18/10	NS																		
MW-21	12/14/11	NS																		
MW-21	11/20/12	NS																		
MW-21	11/27/13	NS																		
MW-21	11/05/14	NS																		
MW-21	11/17/15	NS																		
MW-21	11/21/16	NS																		
MW-21	11/15/17	NS																		
MW-21	11/28/18	NS																		
MW-21	12/03/19	NS																		
MW-21	11/10/20	NS																		
MW-21	12/01/21	NS																		
MW-21	10/19/22	NS																		
MW-21	11/29/23	NS																		
MW-21	11/13/24	NS																		
MW-22	11/13/08	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187
MW-22	11/23/09	<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-22	11/18/10	NS																		
MW-22	12/14/11	NS																		
MW-22	11/20/12	NS																		
MW-22	11/27/13	NS																		
MW-22	11/05/14	NS																		
MW-22	11/17/15	NS																		
MW-22	11/22/16	NS																		
MW-22	11/15/17	NS																		
MW-22	11/28/18	NS																		
MW-22	12/03/19	NS																		
MW-22	11/10/20	NS																		
MW-22	12/01/21	NS																		
MW-22	10/19/22	NS																		
MW-22	11/29/23	NS																		
MW-22	11/13/24	NS																		

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TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18 KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542384

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		--	--	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	--	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			--
MW-23	11/13/08	<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	0.000404	<0.000184	0.000367	0.00169	<0.000184	0.000831
MW-23	11/23/09	<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-23	11/18/10	NS																		
MW-23	12/14/11	NS																		
MW-23	11/20/12	NS																		
MW-23	11/27/13	NS																		
MW-23	11/05/14	NS																		
MW-23	11/17/15	NS																		
MW-23	11/22/16	NS																		
MW-23	11/15/17	NS																		
MW-23	11/28/18	NS																		
MW-23	12/04/19	NS																		
MW-23	11/10/20	NS																		
MW-23	12/01/21	NS																		
MW-23	10/19/22	NS																		
MW-23	11/29/23	NS																		
MW-23	11/13/24	NS																		
MW-24	11/13/08	<0.000184	<0.000184	0.000461	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000601	<0.000184	0.000453	<0.000184	0.00391	0.00634	0.00168	0.000818
MW-24	11/23/09	<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-24	11/18/10	NS																		
MW-24	12/14/11	NS																		
MW-24	11/20/12	NS																		
MW-24	11/27/13	NS																		
MW-24	11/05/14	NS																		
MW-24	11/17/15	NS																		
MW-24	11/22/16	NS																		
MW-24	11/16/17	NS																		
MW-24	11/29/18	NS																		
MW-24	12/04/19	NS																		
MW-24	11/11/20	NS																		
MW-24	12/01/21	NS																		
MW-24	10/18/22	NS																		
MW-24	11/29/23	NS																		
MW-24	11/13/24	NS																		

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HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18 KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542384

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-25	11/13/08	<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	0.000236
MW-25	11/23/09	<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	0.000488	<0.000184	<0.000184	0.00226	<0.000184	<0.000184
MW-25	11/18/10	NS																		
MW-25	12/14/11	NS																		
MW-25	11/20/12	NS																		
MW-25	11/27/13	NS																		
MW-25	11/05/14	NS																		
MW-25	11/17/15	NS																		
MW-25	11/22/16	NS																		
MW-25	11/15/17	NS																		
MW-25	11/29/18	NS																		
MW-25	12/04/19	NS																		
MW-25	11/11/20	NS																		
MW-25	12/01/21	NS																		
MW-25	10/19/22	NS																		
MW-25	11/29/23	NS																		
MW-25	11/13/24	NS																		
MW-26	11/13/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000315	<0.000184	0.000323	0.0015	<0.000184	0.00135
MW-26	11/23/09	<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	0.000766	<0.000184	<0.000184	<0.000184	<0.000184	0.00135
MW-26	11/18/10	NS																		
MW-26	12/14/11	NS																		
MW-26	11/20/12	NS																		
MW-26	11/27/13	NS																		
MW-26	11/05/14	NS																		
MW-26	11/17/15	NS																		
MW-26	11/22/16	NS																		
MW-26	11/16/17	NS																		
MW-26	11/29/18	NS																		
MW-26	12/04/19	NS																		
MW-26	11/11/20	NS																		
MW-26	12/01/21	NS																		
MW-26	10/19/22	NS																		
MW-26	11/29/23	NS																		
MW-26	11/13/24	NS																		

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PLAINS MARKETING, L.P.
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SRS NO. TNM 97-18 KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542384

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-27	11/13/08	<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-27	11/23/09	<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-27	11/18/10	NS																		
MW-27	12/14/11	NS																		
MW-27	11/20/12	NS																		
MW-27	11/27/13	NS																		
MW-27	11/05/14	NS																		
MW-27	11/17/15	NS																		
MW-27	11/22/16	NS																		
MW-27	11/15/17	NS																		
MW-27	11/28/18	NS																		
MW-27	12/04/19	NS																		
MW-27	11/10/20	NS																		
MW-27	12/01/21	NS																		
MW-27	10/19/22	NS																		
MW-27	11/29/23	NS																		
MW-27	11/13/24	NS																		
MW-28	11/13/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
MW-28	11/23/09	<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-28	11/18/10	NS																		
MW-28	12/14/11	NS																		
MW-28	11/20/12	NS																		
MW-28	11/27/13	NS																		
MW-28	11/05/14	NS																		
MW-28	11/17/15	NS																		
MW-28	11/22/16	NS																		
MW-28	11/15/17	NS																		
MW-28	11/28/18	NS																		
MW-28	12/03/19	NS																		
MW-28	11/10/20	NS																		
MW-28	12/01/21	NS																		
MW-28	10/19/22	NS																		
MW-28	11/29/23	NS																		
MW-28	11/13/24	NS																		

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TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18 KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542384

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-30	11/13/08	<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	11/23/09	<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-30	11/18/10	NS																		
MW-30	12/14/11	NS																		
MW-30	11/20/12	NS																		
MW-30	11/27/13	NS																		
MW-30	11/05/14	NS																		
MW-30	11/17/15	NS																		
MW-30	11/22/16	NS																		
MW-30	11/15/17	NS																		
MW-30	11/28/18	NS																		
MW-30	12/04/19	NS																		
MW-30	11/10/20	NS																		
MW-30	12/01/21	NS																		
MW-30	10/19/22	NS																		
MW-30	11/29/23	NS																		
MW-30	11/13/24	NS																		
RW-1	11/13/08	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	**0.0156**	<0.00459	**0.0224**	<0.00459	**0.058**	**0.100**	**0.0979**	0.0141
RW-1	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00328**	<0.000184	**0.00392**	<0.000184	**0.0327**	**0.0366**	**0.0296**	0.00341
RW-1	11/18/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00152**	<0.000184	**0.00281**	<0.000184	0.00745	0.00615	0.00481	0.00187
RW-1	12/14/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.0135**	<0.000184	**0.0444**	**0.0785**	**0.0613**	0.0101
RW-1	11/20/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	**0.0167**	<0.00190	**0.0206**	**0.0592**	**0.0342**	0.0139
RW-1	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
RW-1	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.061**	**0.145**	**0.393**	<0.000200
RW-1	11/17/15	<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	**0.884**	**7.30**	**0.654**	0.0377
RW-1	11/22/16	<0.000482	<0.000482	<0.000482	**0.000528**	<0.000482	<0.000482	<0.000482	<0.000482	<0.000482	<0.000482	<0.000482	**0.00238**	<0.000482	**0.00392**	<0.000482	0.00886			0.00221
RW-1	11/16/17	0.00291	0.00221	0.00201	**0.00140**	0.000452	<0.000273	<0.000273	<0.000273	**0.00107**	<0.000273	0.000905	**0.00879**	<0.000273	**0.0163**	0.000801	**0.0356**			0.00904
RW-1	11/29/18	0.00021	0.00013	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	**0.0015**	<0.00011	**0.0013**	<0.00011	**0.120**			0.0016
RW-1	12/04/19	0.0011	0.0020	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	**0.0033**	<0.000097	**0.0011**	**0.013**	<0.000097	**0.029**	**0.0026**	**0.152**			0.017
RW-1	11/11/20	0.00022	0.00032	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0025**	<0.00010	**0.0032**	<0.00010	**0.075**			0.0033
RW-1	12/01/21	0.0027	<0.00010	0.00053	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0021**	<0.00010	**0.0078**	<0.00010	**0.085**			0.0031
RW-1	10/19/22	0.00092	0.0018	<0.00011	**<0.00011**	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	**0.013**	<0.00011	<0.00011	<0.00011	**0.214**			-
RW-1	11/29/23	0.0012	0.0029	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0011**	**0.028**	<0.00010	**0.048**	<0.00010	**0.535**			-
RW-1	11/14/24	<0.00083	<0.00083	<0.00083	<0.00083	<0.00083	<0.00083	<0.00083	<0.00083	<0.00083	<0.00083	<0.00083	**0.0015**	<0.00083	**0.002**	<0.00083	**0.041**			<0.00083

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TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
SRS NO. TNM 97-18 KNOWN
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542384

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																	
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		--	--	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	--	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			--
RW-2	11/13/08	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	**0.0194**	<0.00461	**0.0243**	<0.00461	**0.0508**	**0.118**	**0.106**	0.0182
RW-2	11/23/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.00385**	<0.000183	**0.00386**	<0.000183	**0.0206**	**0.0413**	**0.0227**	0.00346
RW-2	11/18/10	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	**0.00403**	<0.000188	**0.0059**	<0.000188	**0.0114**	**0.0181**	**0.00745**	0.00428
RW-2	12/14/11	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	**0.00418**	<0.000187	**0.0148**	**0.0308**	**0.0154**	0.00361
RW-2	11/20/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	**0.00971**	**0.0287**	**0.0165**	<0.00190
RW-2	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**<0.000200**	**0.141**	**0.0924**	<0.000200
RW-2	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.0308**	**0.237**	**0.0858**	<0.000200
RW-2	11/17/15	<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	**0.462**	**4.57**	**0.576**	0.0229
RW-2	11/22/16	0.00334	<0.00241	<0.00241	**0.00293**	<0.00241	<0.00241	<0.00241	<0.00241	**0.00263**	<0.00241	<0.00241	**0.00462**	<0.00241	**0.0116**	<0.00241	**0.0396**			0.00407
RW-2	11/15/17	<0.0000218	<0.0000218	**0.00122**	**0.000677**	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000327	0.000962	<0.0000218	**0.00138**	<0.0000218	**0.0647**			0.00133
RW-2	11/29/18	0.00019	<0.00011	<0.00011	**<0.00011**	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	**0.0012**	<0.00011	0.00099	<0.00011	**0.0893**			0.0014
RW-2	12/04/19	0.00055	0.0011	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	**0.0014**	<0.000097	0.00023	**0.0042**	<0.000097	**0.013**	0.00044	**0.0386**			0.0052
RW-2	11/11/20	0.00016	0.00030	0.00015	**<0.00011**	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	**0.0014**	<0.00011	**0.0026**	<0.00011	**0.0326**			0.0022
RW-2	12/02/21	NS																		
RW-2	10/18/22	0.00025	0.00029	0.00015	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00077	<0.00010	0.00076	<0.00010	0.0177			-
RW-2	11/29/23	PSH																		
RW-2	11/13/24	PSH																		

Notes:

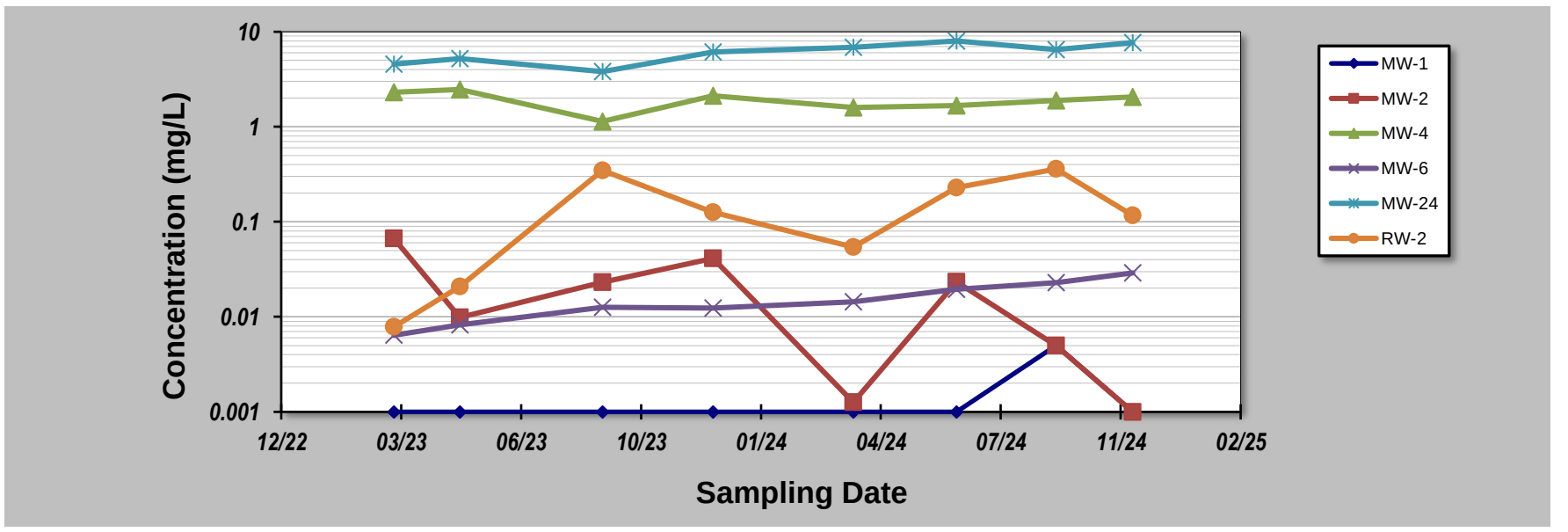
1. Polynuclear Aromatic Hydrocarbon (PAH) analysis by Environmental Protection Agency (EPA) Method SW846-8270C, 3510.
2. All reported concentrations are reported as milligrams per liter (mg/L).
3. Bold font indicates laboratory results exceeding NMWQCC Drinking Water Standards.
4. < - Not detected above the Sample Detection Limit.
5 NS - Not sampled.
6. PSH - Phase Separated Hydrocarbons.
7. P&A - Plugged and abandoned.

Table 7

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014179
Facility Name:	TNM 97-18	Constituent:	Benzene
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-4	MW-6	MW-24	RW-2	
Sampling Event	Sampling Date	BENZENE CONCENTRATION (mg/L)						
1	9-Mar-23	0.001	0.0666	2.3	0.00641	4.58	0.00786	
2	3-May-23	0.001	0.00982	2.47	0.00823	5.22	0.0208	
3	30-Aug-23	0.001	0.0232	1.14	0.0126	3.81	0.346	
4	30-Nov-23	0.001	0.0412	2.13	0.0124	6.14	0.126	
5	26-Mar-24	0.001	0.00126	1.59	0.0144	6.85	0.0544	
6	20-Jun-24	0.001	0.0233	1.68	0.0195	8.01	0.228	
7	11-Sep-24	0.005	0.005	1.9	0.023	6.5	0.36	
8	14-Nov-24	0.001	0.001	2.07	0.029	7.68	0.117	
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.94	1.07	0.22	0.49	0.24	0.88	
Mann-Kendall Statistic (S):		5	-14	-4	26	18	12	
Confidence Factor:		68.3%	94.6%	64.0%	100.0%	98.4%	91.1%	
Concentration Trend:		No Trend	Prob. Decreasing	Stable	Increasing	Increasing	Prob. Increasing	



Notes:

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

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.*

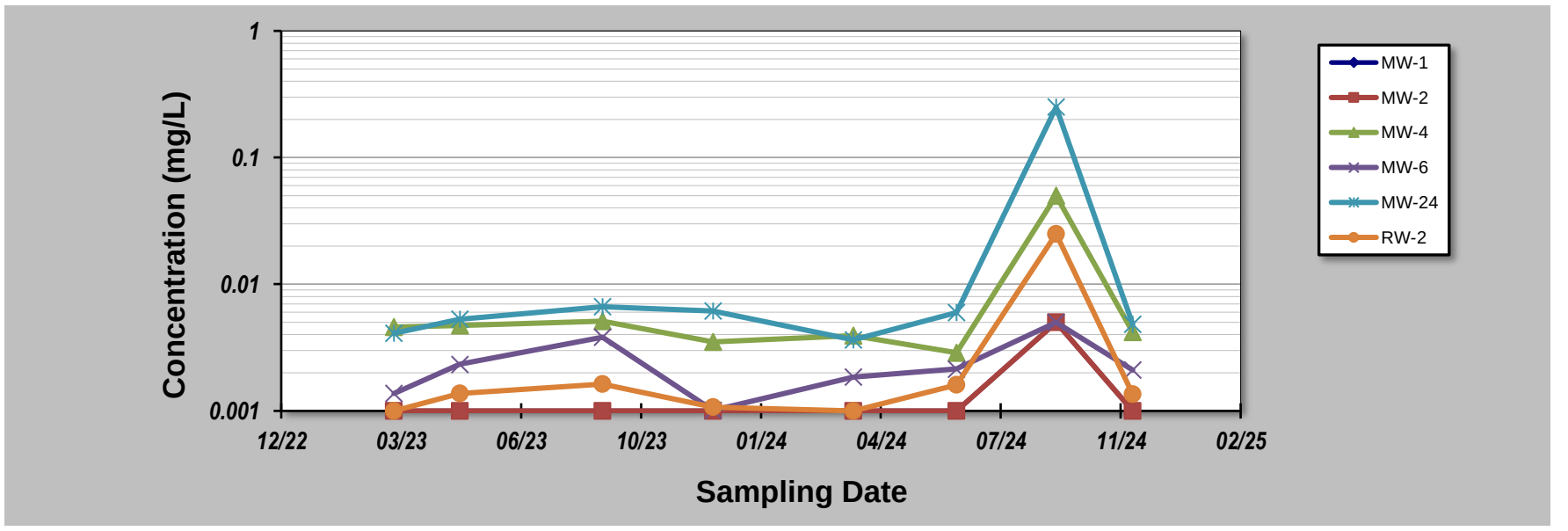
GSI Environmental Inc., www.gsi-net.com

Table 8

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014179
Facility Name:	TNM 97-18	Constituent:	Toluene
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-4	MW-6	MW-24	RW-2
Sampling Event	Sampling Date	TOLUENE CONCENTRATION (mg/L)					
1	9-Mar-23	0.001	0.001	0.00459	0.00137	0.00411	0.001
2	3-May-23	0.001	0.001	0.00472	0.00233	0.0053	0.00137
3	30-Aug-23	0.001	0.001	0.0051	0.00382	0.00665	0.00163
4	30-Nov-23	0.001	0.001	0.00351	0.00101	0.00614	0.00107
5	26-Mar-24	0.001	0.001	0.00394	0.00185	0.00364	0.001
6	20-Jun-24	0.001	0.001	0.00288	0.00214	0.00597	0.0016
7	11-Sep-24	0.005	0.005	0.05	0.005	0.25	0.025
8	14-Nov-24	0.001	0.001	0.0042	0.0021	0.00484	0.00135
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
Coefficient of Variation:		0.94	0.94	1.64	0.54	2.42	1.97
Mann-Kendall Statistic (S):		5	5	-2	6	4	7
Confidence Factor:		68.3%	68.3%	54.8%	72.6%	64.0%	76.4%
Concentration Trend:		No Trend	No Trend	No Trend	No Trend	No Trend	No Trend



Notes:

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

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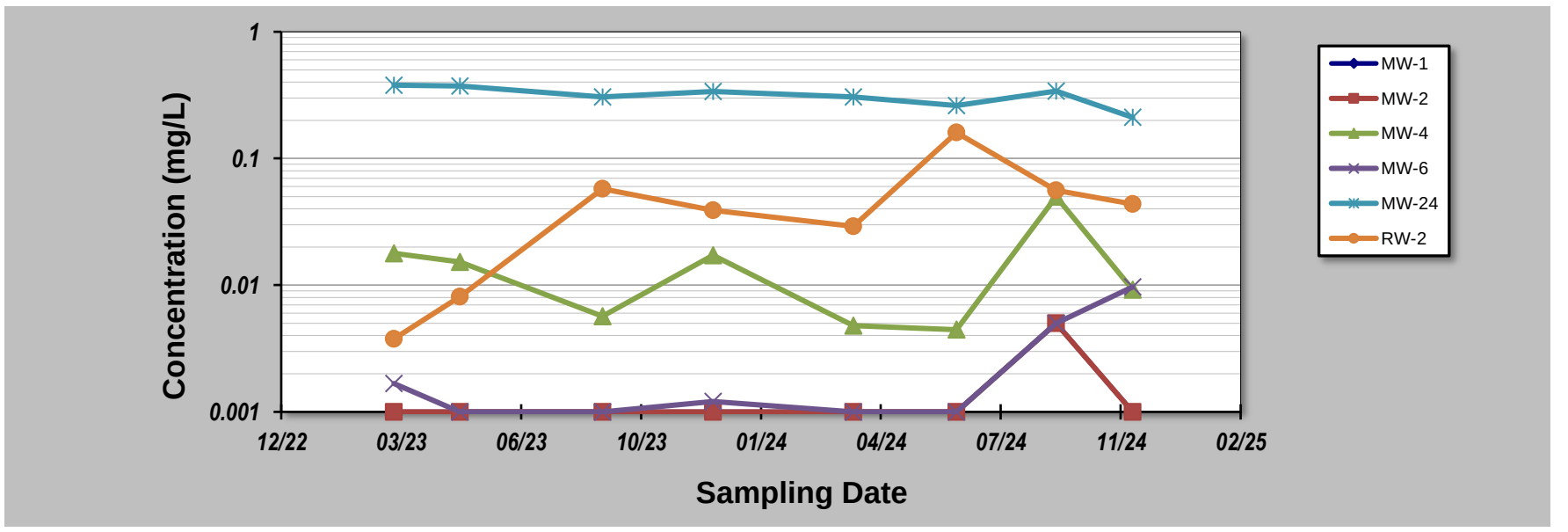
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Table 9

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014179
Facility Name:	TNM 97-18	Constituent:	Ethylbenzene
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-4	MW-6	MW-24	RW-2	
Sampling Event	Sampling Date	ETHYLBENZENE CONCENTRATION (mg/L)						
1	9-Mar-23	0.001	0.001	0.0178	0.00168	0.379	0.00377	
2	3-May-23	0.001	0.001	0.0153	0.001	0.372	0.0081	
3	30-Aug-23	0.001	0.001	0.0057	0.001	0.306	0.0578	
4	30-Nov-23	0.001	0.001	0.0172	0.00121	0.339	0.0389	
5	26-Mar-24	0.001	0.001	0.00478	0.001	0.306	0.0291	
6	20-Jun-24	0.001	0.001	0.00445	0.001	0.262	0.16	
7	11-Sep-24	0.005	0.005	0.05	0.005	0.34	0.056	
8	14-Nov-24	0.001	0.001	0.00919	0.0097	0.211	0.0436	
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18								
19								
20								
Coefficient of Variation:		0.94	0.94	0.96	1.16	0.18	0.98	
Mann-Kendall Statistic (S):		5	5	-6	8	-17	12	
Confidence Factor:		68.3%	68.3%	72.6%	80.1%	97.7%	91.1%	
Concentration Trend:		No Trend	No Trend	Stable	No Trend	Decreasing	Prob. Increasing	



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
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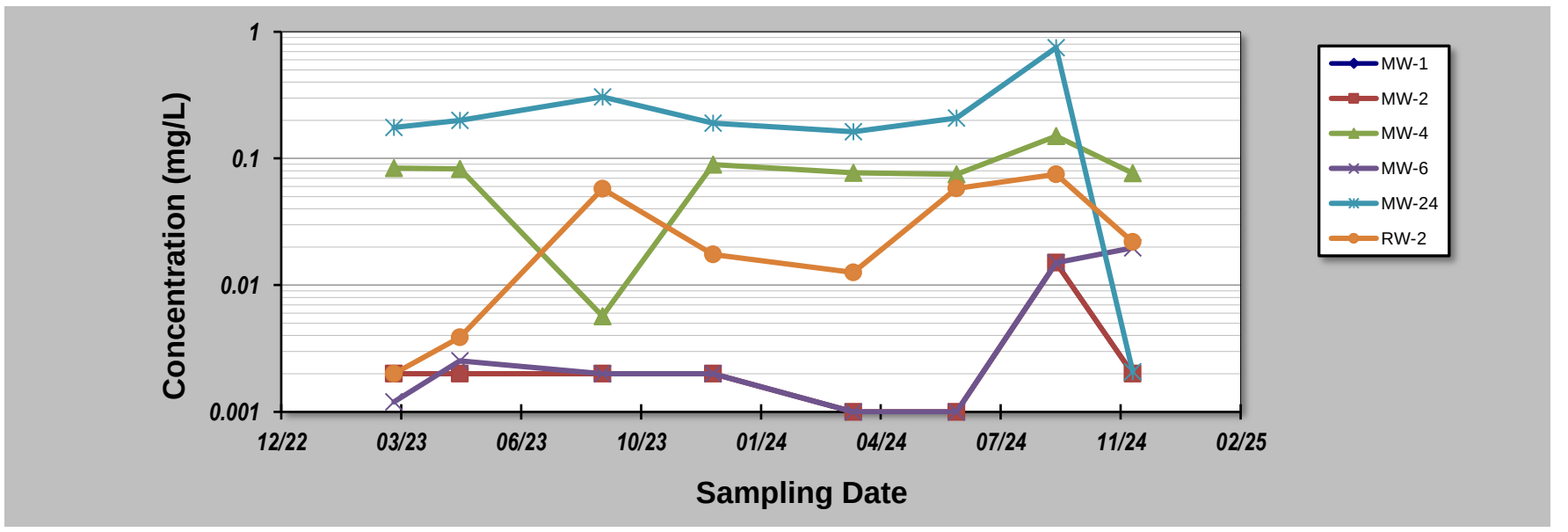
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Table 10

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014179
Facility Name:	TNM 97-18	Constituent:	Xylenes
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-4	MW-6	MW-24	RW-2	
Sampling Event	Sampling Date	XYLENES CONCENTRATION (mg/L)						
1	9-Mar-23	0.002	0.002	0.08381	0.0012	0.17555	0.002	
2	3-May-23	0.002	0.002	0.08252	0.00253	0.2	0.00388	
3	30-Aug-23	0.002	0.002	0.0057	0.002	0.306	0.0578	
4	30-Nov-23	0.002	0.002	0.08963	0.002	0.19029	0.0175	
5	26-Mar-24	0.001	0.001	0.077	0.001	0.162	0.0126	
6	20-Jun-24	0.001	0.001	0.0748	0.001	0.20896	0.058	
7	11-Sep-24	0.015	0.015	0.15	0.015	0.75	0.075	
8	14-Nov-24	0.002	0.002	0.0763	0.01971	0.00208	0.0219	
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Coefficient of Variation:		1.40	1.40	0.49	1.33	0.88	0.91	
Mann-Kendall Statistic (S):		-1	-1	-2	6	0	16	
Confidence Factor:		50.0%	50.0%	54.8%	72.6%	45.2%	96.9%	
Concentration Trend:		No Trend	No Trend	Stable	No Trend	Stable	Increasing	



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
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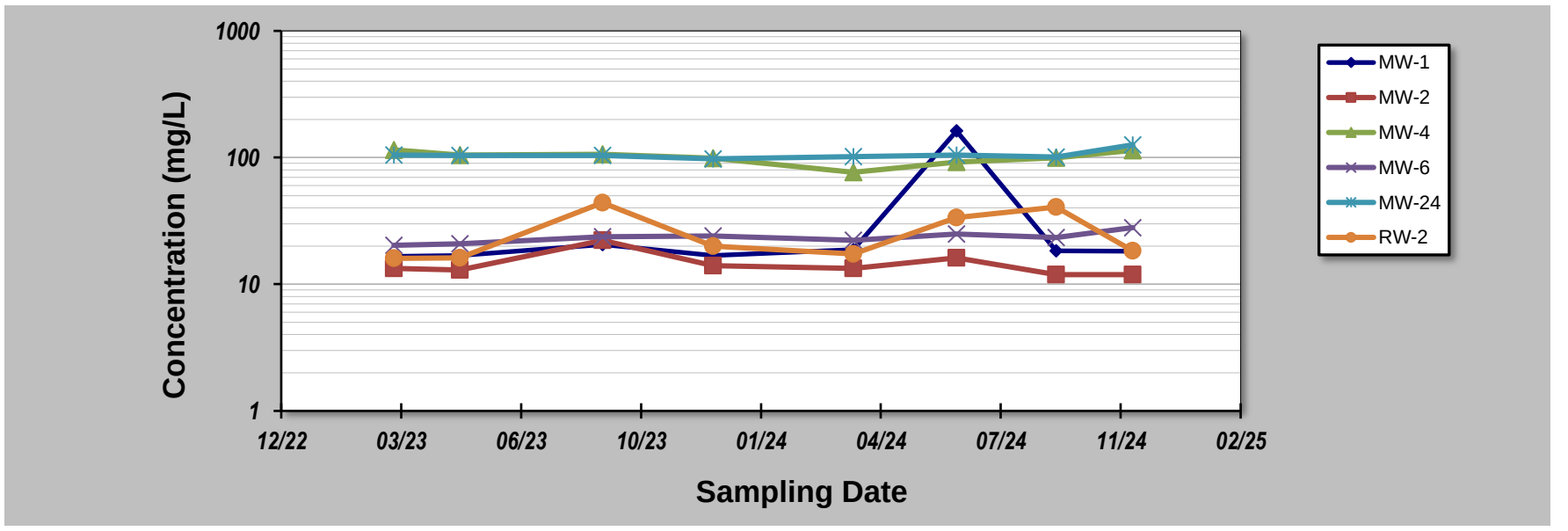
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Table 11

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014179
Facility Name:	TNM 97-18	Constituent:	Total Organic Carbon
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-4	MW-6	MW-24	RW-2	
Sampling Event	Sampling Date	TOTAL ORGANIC CARBON CONCENTRATION (mg/L)						
1	9-Mar-23	16.6	13.3	115	20.3	105	16	
2	3-May-23	16.8	13	105	20.9	104	16.1	
3	30-Aug-23	20.5	22.2	106	23.7	104	44	
4	30-Nov-23	16.9	14	99	24.1	97.7	20	
5	26-Mar-24	18.8	13.3	76.5	22.3	102	17.4	
6	20-Jun-24	162	16.2	92.3	25	105	33.5	
7	11-Sep-24	18.4	11.9	99.8	23.3	101	40.8	
8	14-Nov-24	18.2	11.9	114	28	126	18.4	
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Coefficient of Variation:		1.41	0.24	0.12	0.10	0.08	0.46	
Mann-Kendall Statistic (S):		10	-8	-6	18	0	10	
Confidence Factor:		86.2%	80.1%	72.6%	98.4%	45.2%	86.2%	
Concentration Trend:		No Trend	Stable	Stable	Increasing	Stable	No Trend	



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
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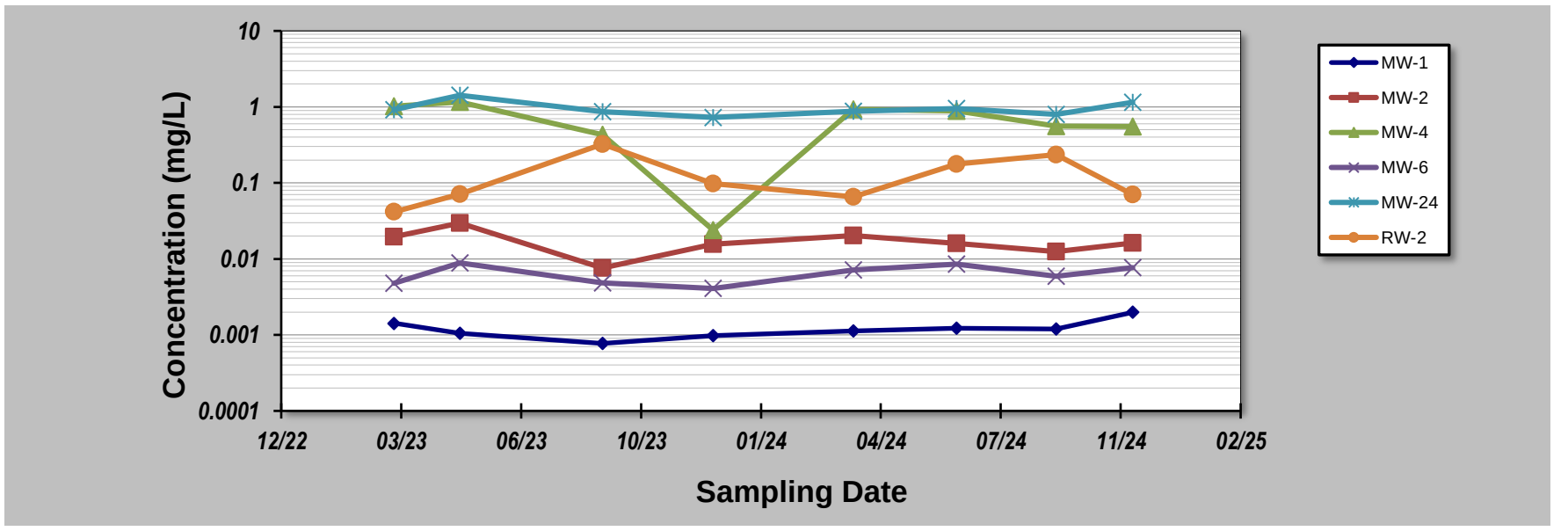
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Table 12

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014179
Facility Name:	TNM 97-18	Constituent:	Dissolved Methane
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-4	MW-6	MW-24	RW-2	
Sampling Event	Sampling Date	DISSOLVED METHANE CONCENTRATION (mg/L)						
1	9-Mar-23	0.00142	0.0195	1.02	0.0048	0.913	0.0415	
2	3-May-23	0.00105	0.0296	1.16	0.00886	1.42	0.0715	
3	30-Aug-23	0.000772	0.00759	0.43	0.00483	0.862	0.324	
4	30-Nov-23	0.000982	0.0157	0.024	0.00408	0.727	0.0981	
5	26-Mar-24	0.00113	0.0202	0.93	0.00713	0.874	0.0654	
6	20-Jun-24	0.00123	0.016	0.888	0.00855	0.951	0.178	
7	11-Sep-24	0.0012	0.0125	0.555	0.0059	0.797	0.235	
8	14-Nov-24	0.00198	0.0161	0.551	0.00772	1.15	0.0702	
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11								
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13								
14								
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18								
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20								
Coefficient of Variation:		0.30	0.37	0.54	0.28	0.23	0.74	
Mann-Kendall Statistic (S):		10	-4	-10	6	0	6	
Confidence Factor:		86.2%	64.0%	86.2%	72.6%	45.2%	72.6%	
Concentration Trend:		No Trend	Stable	Stable	No Trend	Stable	No Trend	



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
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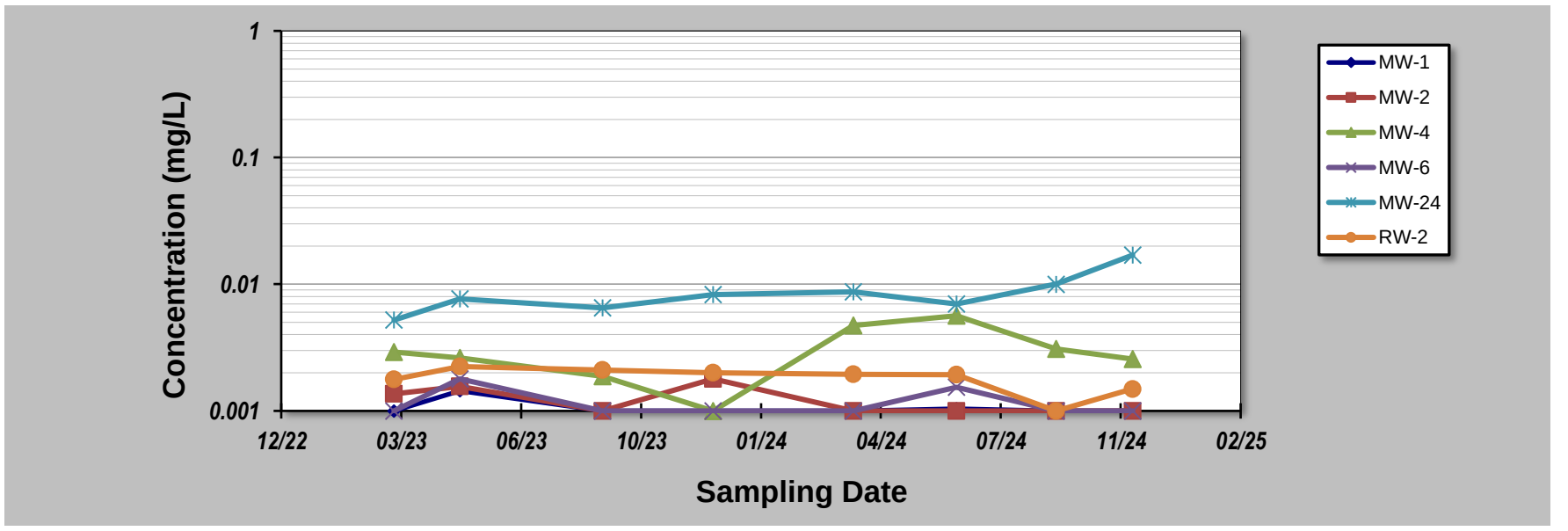
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Table 13

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014179
Facility Name:	TNM 97-18	Constituent:	Dissolved Ethane
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-4	MW-6	MW-24	RW-2	
Sampling Event	Sampling Date	DISSOLVED ETHANE CONCENTRATION (mg/L)						
1	9-Mar-23	0.001	0.00136	0.00292	0.001	0.00521	0.00177	
2	3-May-23	0.00144	0.00156	0.00262	0.00179	0.00766	0.00224	
3	30-Aug-23	0.001	0.001	0.00188	0.001	0.00652	0.0021	
4	30-Nov-23	0.001	0.00179	0.001	0.001	0.00826	0.002	
5	26-Mar-24	0.001	0.001	0.00472	0.001	0.00869	0.00194	
6	20-Jun-24	0.00104	0.001	0.00564	0.00154	0.00697	0.00193	
7	11-Sep-24	0.001	0.001	0.00308	0.001	0.01	0.001	
8	14-Nov-24	0.001	0.001	0.00257	0.001	0.017	0.00149	
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Coefficient of Variation:		0.15	0.26	0.49	0.27	0.41	0.22	
Mann-Kendall Statistic (S):		-3	-10	2	-3	20	-16	
Confidence Factor:		59.4%	86.2%	54.8%	59.4%	99.3%	96.9%	
Concentration Trend:		Stable	Stable	No Trend	Stable	Increasing	Decreasing	



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
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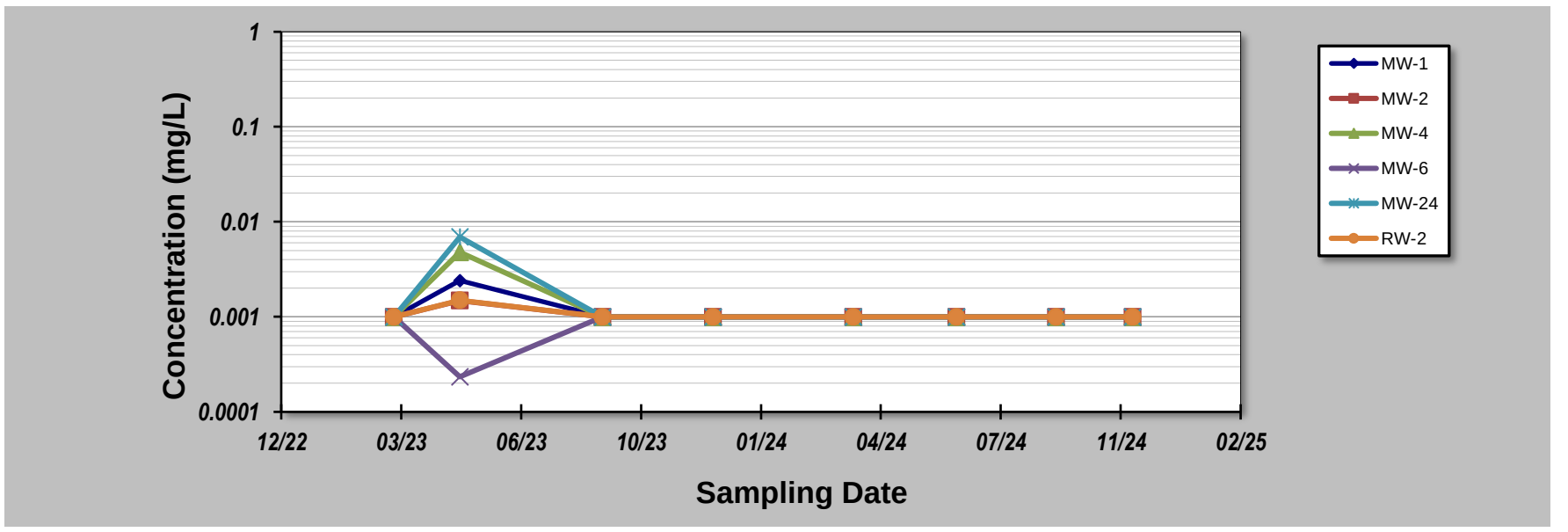
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Table 14

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014179
Facility Name:	TNM 97-18	Constituent:	Dissolved Ethene
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-4	MW-6	MW-24	RW-2	
Sampling Event	Sampling Date	DISSOLVED ETHENE CONCENTRATION (mg/L)						
1	9-Mar-23	0.001	0.001	0.001	0.001	0.001	0.001	
2	3-May-23	0.00241	0.00148	0.00479	0.000234	0.00692	0.00149	
3	30-Aug-23	0.001	0.001	0.001	0.001	0.001	0.001	
4	30-Nov-23	0.001	0.001	0.001	0.001	0.001	0.001	
5	26-Mar-24	0.001	0.001	0.001	0.001	0.001	0.001	
6	20-Jun-24	0.001	0.001	0.001	0.001	0.001	0.001	
7	11-Sep-24	0.001	0.001	0.001	0.001	0.001	0.001	
8	14-Nov-24	0.001	0.001	0.001	0.001	0.001	0.001	
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20								
Coefficient of Variation:		0.42	0.16	0.91	0.30	1.20	0.16	
Mann-Kendall Statistic (S):		-5	-5	-5	5	-5	-5	
Confidence Factor:		68.3%	68.3%	68.3%	68.3%	68.3%	68.3%	
Concentration Trend:		Stable	Stable	Stable	No Trend	No Trend	Stable	



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
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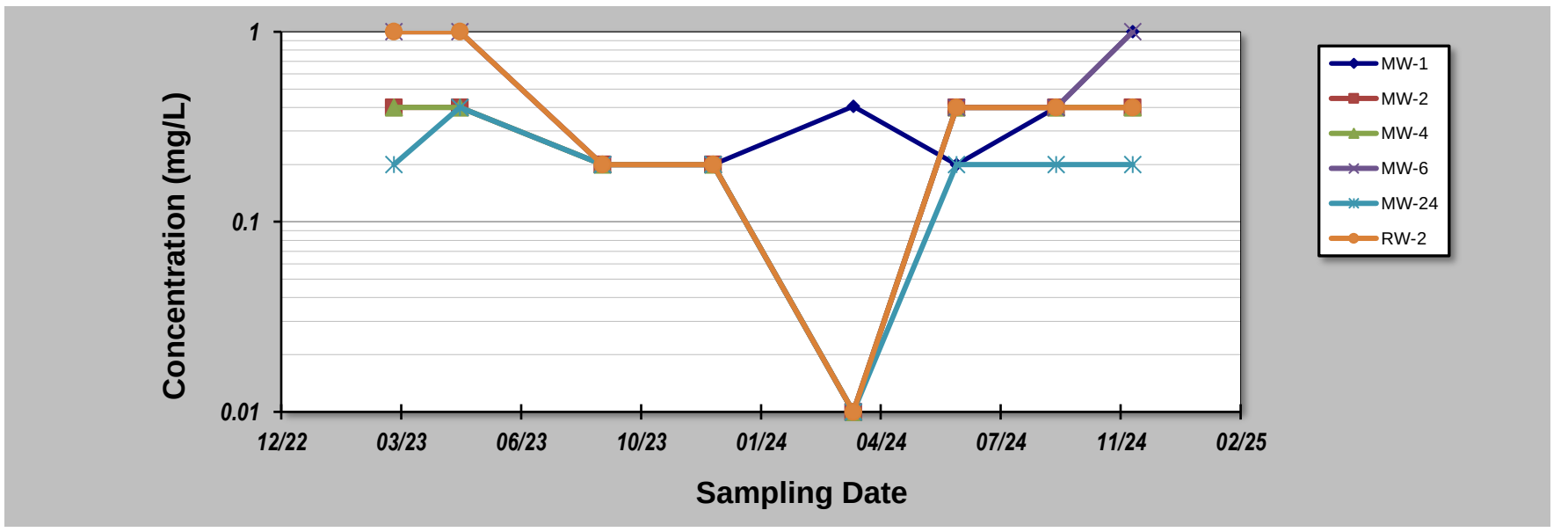
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Table 15

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014179
Facility Name:	TNM 97-18	Constituent:	Dissolved Iron
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-4	MW-6	MW-24	RW-2	
Sampling Event	Sampling Date	DISSOLVED IRON CONCENTRATION (mg/L)						
1	9-Mar-23	1	0.4	0.4	1	0.2	1	
2	3-May-23	1	0.4	0.4	1	0.4	1	
3	30-Aug-23	0.2	0.2	0.2	0.2	0.2	0.2	
4	30-Nov-23	0.2	0.2	0.2	0.2	0.2	0.2	
5	26-Mar-24	0.406	0.01	0.01	0.01	0.01	0.01	
6	20-Jun-24	0.2	0.4	0.4	0.4	0.2	0.4	
7	11-Sep-24	0.4	0.4	0.4	0.4	0.2	0.4	
8	14-Nov-24	1	0.4	0.4	1	0.2	0.4	
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17								
18								
19								
20								
Coefficient of Variation:		0.69	0.49	0.49	0.78	0.52	0.81	
Mann-Kendall Statistic (S):		-2	1	1	-1	-5	-5	
Confidence Factor:		54.8%	50.0%	50.0%	50.0%	68.3%	68.3%	
Concentration Trend:		Stable	No Trend	No Trend	Stable	Stable	Stable	



Notes:

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

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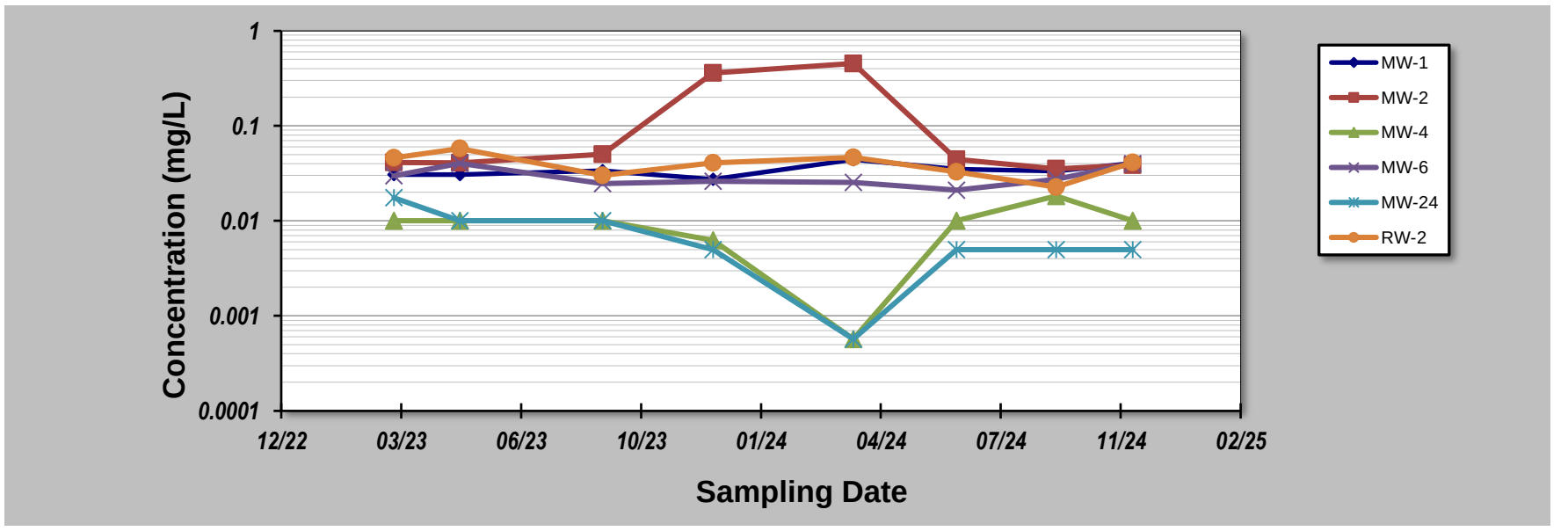
GSI Environmental Inc., www.gsi-net.com

Table 16

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014179
Facility Name:	TNM 97-18	Constituent:	Dissolved Manganese
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-4	MW-6	MW-24	RW-2	
Sampling Event	Sampling Date	DISSOLVED MANGANESE CONCENTRATION (mg/L)						
1	9-Mar-23	0.0306	0.0412	0.01	0.0299	0.0175	0.0461	
2	3-May-23	0.0306	0.0409	0.01	0.0403	0.01	0.0577	
3	30-Aug-23	0.0339	0.0502	0.01	0.0248	0.01	0.03	
4	30-Nov-23	0.0274	0.361	0.00624	0.0261	0.005	0.0409	
5	26-Mar-24	0.0442	0.454	0.00057	0.0254	0.00057	0.0464	
6	20-Jun-24	0.0351	0.0443	0.01	0.0211	0.005	0.0327	
7	11-Sep-24	0.0333	0.0353	0.0183	0.0273	0.005	0.0227	
8	14-Nov-24	0.0406	0.0384	0.01	0.0402	0.005	0.0413	
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.16	1.29	0.52	0.24	0.71	0.28	
Mann-Kendall Statistic (S):		11	-4	2	-2	-15	-8	
Confidence Factor:		88.7%	64.0%	54.8%	54.8%	95.8%	80.1%	
Concentration Trend:		No Trend	No Trend	No Trend	Stable	Decreasing	Stable	



Notes:

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

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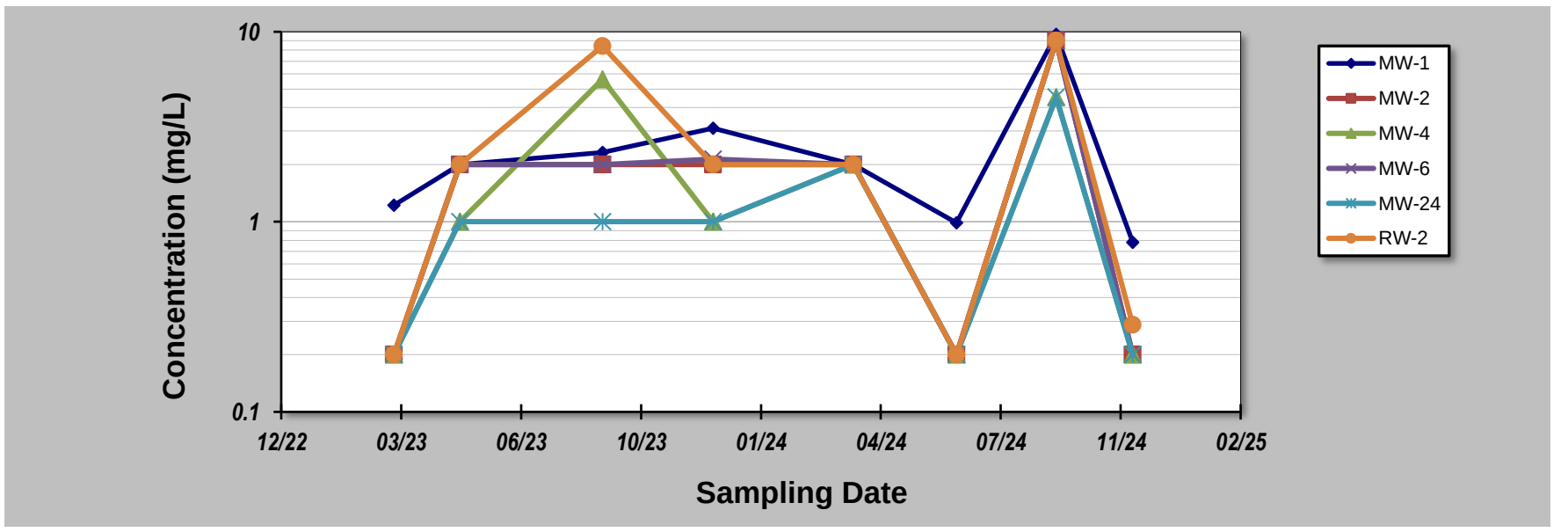
GSI Environmental Inc., www.gsi-net.com

Table 17

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014179
Facility Name:	TNM 97-18	Constituent:	Nitrate
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-4	MW-6	MW-24	RW-2	
Sampling Event	Sampling Date	NITRATE CONCENTRATION (mg/L)						
1	9-Mar-23	1.22	0.2	0.2	0.2	0.2	0.2	
2	3-May-23	2	2	1	2	1	2	
3	30-Aug-23	2.32	2	5.62	2	1	8.39	
4	30-Nov-23	3.11	2	1	2.14	1	2	
5	26-Mar-24	2	2	2	2	2	2	
6	20-Jun-24	0.988	0.2	0.2	0.2	0.2	0.2	
7	11-Sep-24	9.68	8.96	4.52	8.95	4.53	8.97	
8	14-Nov-24	0.781	0.2	0.2	0.2	0.2	0.287	
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		1.05	1.31	1.14	1.30	1.15	1.20	
Mann-Kendall Statistic (S):		-1	1	0	2	4	2	
Confidence Factor:		50.0%	50.0%	45.2%	54.8%	64.0%	54.8%	
Concentration Trend:		No Trend	No Trend	No Trend	No Trend	No Trend	No Trend	



Notes:

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

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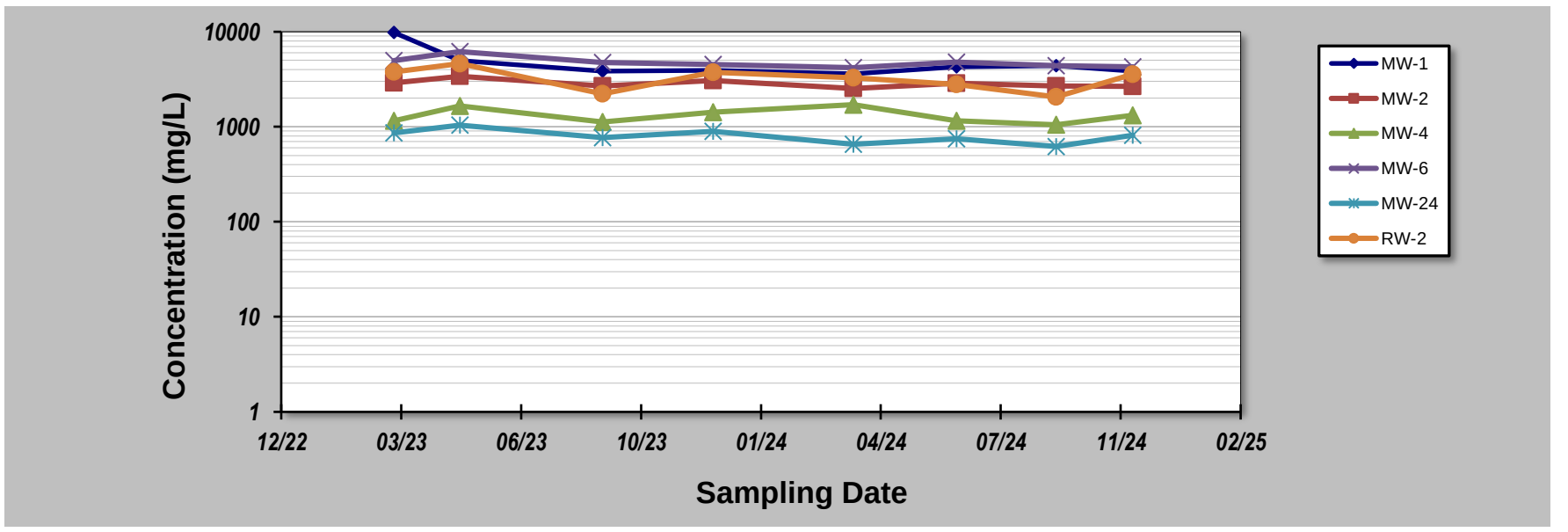
GSI Environmental Inc., www.gsi-net.com

Table 18

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014179
Facility Name:	TNM 97-18	Constituent:	Sulfate
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-4	MW-6	MW-24	RW-2	
Sampling Event	Sampling Date	SULFATE CONCENTRATION (mg/L)						
1	9-Mar-23	9820	2900	1160	4990	859	3770	
2	3-May-23	4970	3400	1660	6180	1040	4630	
3	30-Aug-23	3850	2690	1120	4730	771	2220	
4	30-Nov-23	3940	3070	1430	4530	894	3750	
5	26-Mar-24	3610	2530	1710	4190	657	3280	
6	20-Jun-24	4280	2880	1160	4790	749	2780	
7	11-Sep-24	4400	2700	1050	4400	621	2060	
8	14-Nov-24	3870	2660	1320	4290	813	3580	
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.42	0.10	0.19	0.13	0.17	0.27	
Mann-Kendall Statistic (S):		-8	-12	-3	-16	-12	-12	
Confidence Factor:		80.1%	91.1%	59.4%	96.9%	91.1%	91.1%	
Concentration Trend:		Stable	Prob. Decreasing	Stable	Decreasing	Prob. Decreasing	Prob. Decreasing	



Notes:

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

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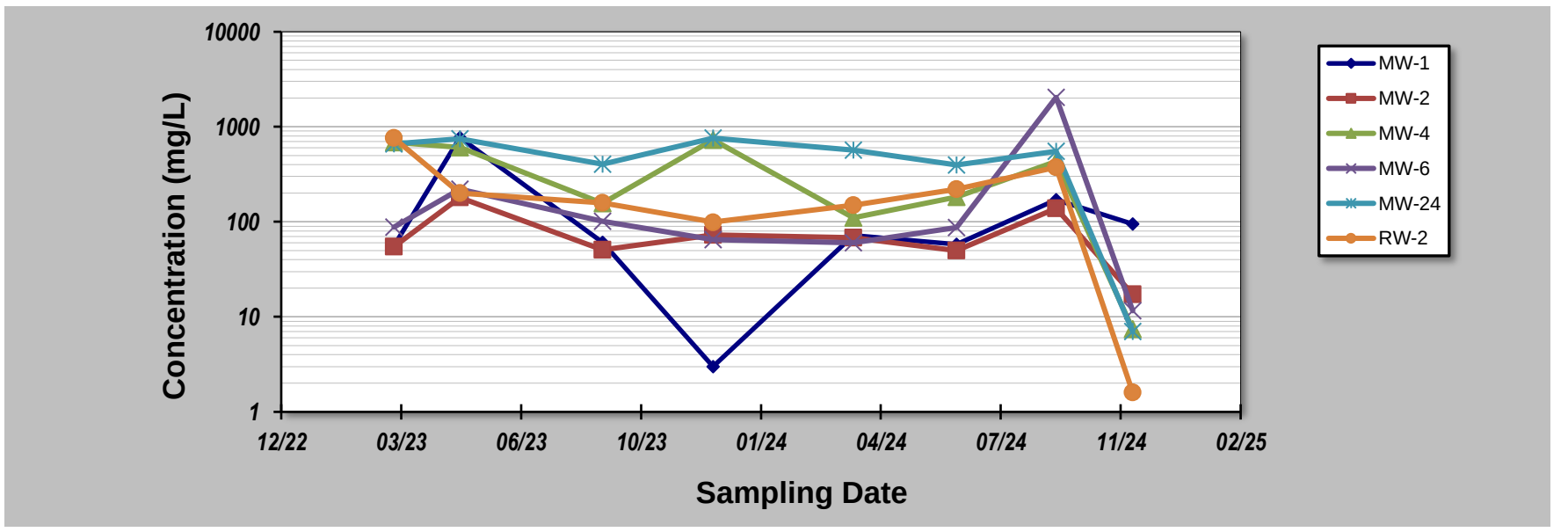
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Table 19

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014179
Facility Name:	TNM 97-18	Constituent:	Chemical Oxygen Demand
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-4	MW-6	MW-24	RW-2	
Sampling Event	Sampling Date	CHEMICAL OXYGEN DEMAND CONCENTRATION (mg/L)						
1	9-Mar-23	56	55	690	88	660	760	
2	3-May-23	770	180	610	220	750	200	
3	30-Aug-23	61	51	157	101	406	158	
4	30-Nov-23	3	73	730	65	760	99	
5	26-Mar-24	72	68	110	60	569	149	
6	20-Jun-24	58	50	182	87	398	220	
7	11-Sep-24	170	138	430	2040	554	373	
8	14-Nov-24	95	17.2	7.4	11.6	7	1.6	
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		1.56	0.67	0.78	2.07	0.48	0.95	
Mann-Kendall Statistic (S):		6	-8	-12	-8	-14	-8	
Confidence Factor:		72.6%	80.1%	91.1%	80.1%	94.6%	80.1%	
Concentration Trend:		No Trend	Stable	Prob. Decreasing	No Trend	Prob. Decreasing	Stable	



Notes:

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

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APPENDICES

APPENDIX A
2024 Laboratory Analytical Reports

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

PBELAB

Analytical Report

Prepared for:

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

Project: 97-18_MNA
Project Number: TNM 97-18
Location: LEA COUNTY, NM

Lab Order Number: 4C27008

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 04/12/24

TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	4C27008-01	Water	03/26/24 11:45	03-27-2024 08:10
MW-6	4C27008-02	Water	03/26/24 12:38	03-27-2024 08:10
MW-2	4C27008-03	Water	03/26/24 13:55	03-27-2024 08:10
MW-4	4C27008-04	Water	03/26/24 15:07	03-27-2024 08:10
MW-24	4C27008-05	Water	03/26/24 16:11	03-27-2024 08:10
RW-2	4C27008-06	Water	03/26/24 17:21	03-27-2024 08:10

Dissolved Metals, RSK-175 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

TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-1

4C27008-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/04/24 19:25	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/04/24 19:25	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/04/24 19:25	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4D0111	04/01/24 09:38	04/04/24 19:25	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/04/24 19:25	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*91.4 %*	*80-120*		*P4D0111*	*04/01/24 09:38*	*04/04/24 19:25*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4D0111*	*04/01/24 09:38*	*04/04/24 19:25*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4D1201	04/02/24 08:28	04/02/24 08:28	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4D1201	04/02/24 08:28	04/02/24 08:28	8015M	SUB-13
Methane	**0.00113**	0.000500	mg/L	1	P4D1201	04/02/24 08:28	04/02/24 08:28	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**72.0**	10.0	mg/L	1	P4D1008	04/03/24 08:30	04/10/24 12:18	8000	
Nitrate as N	ND	2.00	mg/L	10	P4C2716	03/27/24 17:59	03/28/24 23:17	EPA 300.0	
Sulfate	**3610**	100	mg/L	100	P4D0911	04/09/24 13:36	04/09/24 15:17	EPA 300.0	
Total Organic Carbon	**18.8**	10.0	mg/L	1	P4D1201	04/12/24 09:47	04/12/24 09:47	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**0.406**	0.0100	mg/L	1	P4D1201	04/02/24 12:30	04/02/24 23:52	EPA 6020A	SUB-13
Manganese	**0.0442**	0.000570	mg/L	1	P4D1201	04/02/24 12:30	04/02/24 23:52	EPA 6020A	SUB-13

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-6

4C27008-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0144**	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/04/24 19:47	EPA 8021B	
Toluene	**0.00185**	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/04/24 19:47	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/04/24 19:47	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4D0111	04/01/24 09:38	04/04/24 19:47	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/04/24 19:47	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*91.8 %*	*80-120*		*P4D0111*	*04/01/24 09:38*	*04/04/24 19:47*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*80-120*		*P4D0111*	*04/01/24 09:38*	*04/04/24 19:47*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4D1201	04/02/24 08:37	04/02/24 08:37	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4D1201	04/02/24 08:37	04/02/24 08:37	8015M	SUB-13
Methane	**0.00713**	0.000500	mg/L	1	P4D1201	04/02/24 08:37	04/02/24 08:37	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**60.0**	10.0	mg/L	1	P4D1008	04/03/24 08:30	04/10/24 12:18	8000	
Nitrate as N	ND	2.00	mg/L	10	P4C2716	03/27/24 17:59	03/29/24 00:15	EPA 300.0	
Sulfate	**4190**	100	mg/L	100	P4D0911	04/09/24 13:36	04/09/24 16:06	EPA 300.0	
Total Organic Carbon	**22.3**	10.0	mg/L	1	P4D1201	04/12/24 09:47	04/12/24 09:47	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.0100	mg/L	1	P4D1201	04/02/24 12:30	04/02/24 23:54	EPA 6020A	SUB-13
Manganese	**0.0254**	0.000570	mg/L	1	P4D1201	04/02/24 12:30	04/02/24 23:54	EPA 6020A	SUB-13

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-2

4C27008-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00126**	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/04/24 20:09	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/04/24 20:09	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/04/24 20:09	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4D0111	04/01/24 09:38	04/04/24 20:09	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/04/24 20:09	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*91.8 %*	*80-120*		*P4D0111*	*04/01/24 09:38*	*04/04/24 20:09*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*80-120*		*P4D0111*	*04/01/24 09:38*	*04/04/24 20:09*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4D1201	04/02/24 08:50	04/02/24 08:50	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4D1201	04/02/24 08:50	04/02/24 08:50	8015M	SUB-13
Methane	**0.0202**	0.000500	mg/L	1	P4D1201	04/02/24 08:50	04/02/24 08:50	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**68.0**	10.0	mg/L	1	P4D1008	04/03/24 08:30	04/10/24 12:18	8000	
Nitrate as N	ND	2.00	mg/L	10	P4C2716	03/27/24 17:59	03/29/24 00:35	EPA 300.0	
Sulfate	**2530**	100	mg/L	100	P4D0911	04/09/24 13:36	04/09/24 16:22	EPA 300.0	
Total Organic Carbon	**13.3**	10.0	mg/L	1	P4D1201	04/12/24 09:47	04/12/24 09:47	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.0100	mg/L	1	P4D1201	04/02/24 12:30	04/02/24 23:55	EPA 6020A	SUB-13
Manganese	**0.454**	0.000570	mg/L	1	P4D1201	04/02/24 12:30	04/02/24 23:55	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-4

4C27008-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**1.59**	0.0100	mg/L	10	P4D0111	04/01/24 09:38	04/05/24 13:33	EPA 8021B	
Toluene	**0.00394**	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/04/24 21:14	EPA 8021B	
Ethylbenzene	**0.00478**	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/04/24 21:14	EPA 8021B	
Xylene (p/m)	**0.0770**	0.00200	mg/L	1	P4D0111	04/01/24 09:38	04/04/24 21:14	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/04/24 21:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*84.0 %*	*80-120*		*P4D0111*	*04/01/24 09:38*	*04/04/24 21:14*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.6 %*	*80-120*		*P4D0111*	*04/01/24 09:38*	*04/04/24 21:14*	*EPA 8021B*	
Ethane	**0.00472**	0.00100	mg/L	1	P4D1201	04/02/24 09:02	04/02/24 09:02	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4D1201	04/02/24 09:02	04/02/24 09:02	8015M	SUB-13
Methane	**0.930**	0.0250	mg/L	1	P4D1201	04/02/24 09:02	04/02/24 10:03	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**110**	10.0	mg/L	1	P4D1008	04/03/24 08:30	04/10/24 12:18	8000	
Nitrate as N	ND	2.00	mg/L	10	P4C2716	03/27/24 17:59	03/29/24 00:54	EPA 300.0	
Sulfate	**1710**	100	mg/L	100	P4D0911	04/09/24 13:36	04/09/24 16:39	EPA 300.0	
Total Organic Carbon	**76.5**	10.0	mg/L	1	P4D1201	04/12/24 09:47	04/12/24 09:47	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.0100	mg/L	1	P4D1201	04/02/24 12:30	04/02/24 23:32	EPA 6020A	SUB-13
Manganese	ND	0.000570	mg/L	1	P4D1201	04/02/24 12:30	04/02/24 23:32	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-24

4C27008-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**6.85**	0.0500	mg/L	50	P4D0111	04/01/24 09:38	04/05/24 13:55	EPA 8021B	
Toluene	**0.00364**	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/05/24 14:17	EPA 8021B	
Ethylbenzene	**0.306**	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/05/24 14:17	EPA 8021B	
Xylene (p/m)	**0.162**	0.00200	mg/L	1	P4D0111	04/01/24 09:38	04/05/24 14:17	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/05/24 14:17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*72.5 %*	*80-120*		*P4D0111*	*04/01/24 09:38*	*04/05/24 14:17*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P4D0111*	*04/01/24 09:38*	*04/05/24 14:17*	*EPA 8021B*	
Ethane	**0.00869**	0.00100	mg/L	1	P4D1201	04/02/24 09:14	04/02/24 09:14	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4D1201	04/02/24 09:14	04/02/24 09:14	8015M	SUB-13
Methane	**0.874**	0.0250	mg/L	1	P4D1201	04/02/24 09:14	04/02/24 10:29	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**569**	10.0	mg/L	1	P4D1008	04/03/24 08:30	04/10/24 12:18	8000	
Nitrate as N	ND	1.00	mg/L	5	P4C2716	03/27/24 17:59	03/29/24 01:13	EPA 300.0	
Sulfate	**657**	50.0	mg/L	50	P4D0911	04/09/24 13:36	04/09/24 16:55	EPA 300.0	
Total Organic Carbon	**102**	10.0	mg/L	1	P4D1201	04/12/24 09:47	04/12/24 09:47	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.0100	mg/L	1	P4D1201	04/02/24 12:30	04/04/24 13:47	EPA 6020A	SUB-13
Manganese	ND	0.000570	mg/L	1	P4D1201	04/02/24 12:30	04/04/24 13:47	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

RW-2

4C27008-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0544**	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/05/24 14:39	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/05/24 14:39	EPA 8021B	
Ethylbenzene	**0.0291**	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/05/24 14:39	EPA 8021B	
Xylene (p/m)	**0.0126**	0.00200	mg/L	1	P4D0111	04/01/24 09:38	04/05/24 14:39	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4D0111	04/01/24 09:38	04/05/24 14:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*84.8 %*	*80-120*		*P4D0111*	*04/01/24 09:38*	*04/05/24 14:39*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.9 %*	*80-120*		*P4D0111*	*04/01/24 09:38*	*04/05/24 14:39*	*EPA 8021B*	
Ethane	**0.00194**	0.00100	mg/L	1	P4D1201	04/02/24 09:24	04/02/24 09:24	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4D1201	04/02/24 09:24	04/02/24 09:24	8015M	SUB-13
Methane	**0.0654**	0.00250	mg/L	1	P4D1201	04/02/24 09:24	04/02/24 10:43	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**149**	10.0	mg/L	1	P4D1008	04/03/24 08:30	04/10/24 12:18	8000	
Nitrate as N	ND	2.00	mg/L	10	P4C2716	03/27/24 17:59	03/29/24 01:33	EPA 300.0	
Sulfate	**3280**	100	mg/L	100	P4D0911	04/09/24 13:36	04/09/24 17:11	EPA 300.0	
Total Organic Carbon	**17.4**	10.0	mg/L	1	P4D1201	04/12/24 09:47	04/12/24 09:47	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.0100	mg/L	1	P4D1201	04/02/24 12:30	04/02/24 23:59	EPA 6020A	SUB-13
Manganese	**0.0464**	0.000570	mg/L	1	P4D1201	04/02/24 12:30	04/02/24 23:59	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4D0111 - * DEFAULT PREP *** **										
Blank (P4D0111-BLK1)				Prepared: 04/01/24 Analyzed: 04/04/24						
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	*0.106*		"	*0.120*		*88.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.120*		*101*	*80-120*			
LCS (P4D0111-BS1)				Prepared: 04/01/24 Analyzed: 04/04/24						
Benzene	0.0874	0.00100	mg/L	0.100		87.4	80-120			
Toluene	0.0805	0.00100	"	0.100		80.5	80-120			
Ethylbenzene	0.0810	0.00100	"	0.100		81.0	80-120			
Xylene (p/m)	0.160	0.00200	"	0.200		80.1	80-120			
Xylene (o)	0.0805	0.00100	"	0.100		80.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.104*		"	*0.120*		*86.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*103*	*80-120*			
LCS Dup (P4D0111-BSD1)				Prepared: 04/01/24 Analyzed: 04/04/24						
Benzene	0.101	0.00100	mg/L	0.100		101	80-120	14.8	20	
Toluene	0.0900	0.00100	"	0.100		90.0	80-120	11.1	20	
Ethylbenzene	0.0903	0.00100	"	0.100		90.3	80-120	10.9	20	
Xylene (p/m)	0.182	0.00200	"	0.200		91.0	80-120	12.7	20	
Xylene (o)	0.0851	0.00100	"	0.100		85.1	80-120	5.62	20	
Surrogate: 4-Bromofluorobenzene	*0.105*		"	*0.120*		*87.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.120*		"	*0.120*		*100*	*80-120*			
Calibration Blank (P4D0111-CCB1)				Prepared: 04/01/24 Analyzed: 04/04/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.105*		"	*0.120*		*87.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.5*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4D0111 - * DEFAULT PREP *** **										
Calibration Blank (P4D0111-CCB2)				Prepared: 04/01/24 Analyzed: 04/04/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.111*		*"*	*0.120*		*92.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			
Calibration Check (P4D0111-CCV1)				Prepared: 04/01/24 Analyzed: 04/04/24						
Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.0825	0.00100	"	0.100		82.5	80-120			
Ethylbenzene	0.0811	0.00100	"	0.100		81.1	80-120			
Xylene (p/m)	0.166	0.00200	"	0.200		83.1	80-120			
Xylene (o)	0.0809	0.00100	"	0.100		80.9	80-120			
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.120*		*90.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.128*		*"*	*0.120*		*107*	*80-120*			
Calibration Check (P4D0111-CCV2)				Prepared: 04/01/24 Analyzed: 04/04/24						
Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.0936	0.00100	"	0.100		93.6	80-120			
Ethylbenzene	0.0883	0.00100	"	0.100		88.3	80-120			
Xylene (p/m)	0.189	0.00200	"	0.200		94.5	80-120			
Xylene (o)	0.0904	0.00100	"	0.100		90.4	80-120			
Surrogate: 4-Bromofluorobenzene	*0.108*		*"*	*0.120*		*89.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*101*	*80-120*			
Calibration Check (P4D0111-CCV3)				Prepared: 04/01/24 Analyzed: 04/05/24						
Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.216	0.00200	"	0.200		108	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	*0.106*		*"*	*0.120*		*88.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*99.6*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4D0111 - * DEFAULT PREP *** **										
Matrix Spike (P4D0111-MS1)	**Source: 4C26015-01**			Prepared: 04/01/24 Analyzed: 04/05/24						
Benzene	0.103	0.00100	mg/L	0.100	ND	103	80-120			
Toluene	0.0878	0.00100	"	0.100	ND	87.8	80-120			
Ethylbenzene	0.0892	0.00100	"	0.100	ND	89.2	80-120			
Xylene (p/m)	0.181	0.00200	"	0.200	ND	90.3	80-120			
Xylene (o)	0.0835	0.00100	"	0.100	ND	83.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.106*		*"*	*0.120*		*88.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			
Matrix Spike Dup (P4D0111-MSD1)	**Source: 4C26015-01**			Prepared: 04/01/24 Analyzed: 04/05/24						
Benzene	0.112	0.00100	mg/L	0.100	ND	112	80-120	8.20	20	
Toluene	0.0972	0.00100	"	0.100	ND	97.2	80-120	10.1	20	
Ethylbenzene	0.0981	0.00100	"	0.100	ND	98.1	80-120	9.50	20	
Xylene (p/m)	0.198	0.00200	"	0.200	ND	99.0	80-120	9.28	20	
Xylene (o)	0.0923	0.00100	"	0.100	ND	92.3	80-120	9.99	20	
Surrogate: 4-Bromofluorobenzene	*0.107*		*"*	*0.120*		*89.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4C2716 - * DEFAULT PREP *** **										
Blank (P4C2716-BLK1)				Prepared: 03/27/24 Analyzed: 03/28/24						
Nitrate as N	ND	0.200	mg/L							
LCS (P4C2716-BS1)				Prepared: 03/27/24 Analyzed: 03/28/24						
Nitrate as N	20.7		mg/L	20.0		103	90-110			
Calibration Check (P4C2716-CCV1)				Prepared: 03/27/24 Analyzed: 03/28/24						
Nitrate as N	19.0		mg/L	20.0		94.9	90-110			
Calibration Check (P4C2716-CCV2)				Prepared: 03/27/24 Analyzed: 03/29/24						
Nitrate as N	21.6	0.200	mg/L				90-110			
Matrix Spike (P4C2716-MS1)		**Source: 4C27008-01**		Prepared: 03/27/24 Analyzed: 03/28/24						
Nitrate as N	18.5		mg/L	20.0	0.00	92.7	80-120			
Matrix Spike Dup (P4C2716-MSD1)		**Source: 4C27008-01**		Prepared: 03/27/24 Analyzed: 03/28/24						
Nitrate as N	21.0		mg/L	20.0	0.00	105	80-120	12.4	20	
Batch P4D0911 - * DEFAULT PREP *** **										
Blank (P4D0911-BLK1)				Prepared & Analyzed: 04/09/24						
Sulfate	ND	0.500	mg/L							
LCS (P4D0911-BS1)				Prepared & Analyzed: 04/09/24						
Sulfate	20.7		mg/L	20.0		103	90-110			
Calibration Check (P4D0911-CCV1)				Prepared & Analyzed: 04/09/24						
Sulfate	21.6		mg/L	20.0		108	90-110			

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4D0911 - * DEFAULT PREP *** **										
Calibration Check (P4D0911-CCV2)				Prepared & Analyzed: 04/09/24						
Sulfate	21.0		mg/L	20.0		105	90-110			
Matrix Spike (P4D0911-MS1)		**Source: 4C27008-01**		Prepared & Analyzed: 04/09/24						
Sulfate	137		mg/L	100	36.1	101	80-120			
Matrix Spike Dup (P4D0911-MSD1)		**Source: 4C27008-01**		Prepared & Analyzed: 04/09/24						
Sulfate	134		mg/L	100	36.1	98.2	80-120	2.24	20	
Batch P4D1008 - * DEFAULT PREP *** **										
Blank (P4D1008-BLK1)				Prepared: 04/03/24 Analyzed: 04/10/24						
Chemical Oxygen Demand	ND	10.0	mg/L							
LCS (P4D1008-BS1)				Prepared: 04/03/24 Analyzed: 04/10/24						
Chemical Oxygen Demand	110	10.0	mg/L	100		110	80-120			
LCS Dup (P4D1008-BSD1)				Prepared: 04/03/24 Analyzed: 04/10/24						
Chemical Oxygen Demand	112	10.0	mg/L	100		112	80-120	1.80	20	
Calibration Check (P4D1008-CCV1)				Prepared: 04/03/24 Analyzed: 04/10/24						
Chemical Oxygen Demand	103	10.0	mg/L	100		103	80-120			
Calibration Check (P4D1008-CCV2)				Prepared: 04/03/24 Analyzed: 04/10/24						
Chemical Oxygen Demand	103	10.0	mg/L	100		103	80-120			
Duplicate (P4D1008-DUP1)		**Source: 4C20016-01**		Prepared: 04/03/24 Analyzed: 04/10/24						
Chemical Oxygen Demand	ND	10.0	mg/L		ND				20	

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4D1008 - * DEFAULT PREP *** **										
Duplicate (P4D1008-DUP2)	**Source: 4C27008-05**			Prepared: 04/03/24 Analyzed: 04/10/24						
Chemical Oxygen Demand	105	10.0	mg/L		569			138	20	QR-03
Matrix Spike (P4D1008-MS1)	**Source: 4C20016-01**			Prepared: 04/03/24 Analyzed: 04/10/24						
Chemical Oxygen Demand	110	10.0	mg/L	100	ND	110	80-120			
Matrix Spike (P4D1008-MS2)	**Source: 4C27008-05**			Prepared: 04/03/24 Analyzed: 04/10/24						
Chemical Oxygen Demand	210	10.0	mg/L	100	569	NR	80-120			QR-03
Matrix Spike Dup (P4D1008-MSD1)	**Source: 4C20016-01**			Prepared: 04/03/24 Analyzed: 04/10/24						
Chemical Oxygen Demand	115	10.0	mg/L	100	ND	115	80-120	4.44	20	
Matrix Spike Dup (P4D1008-MSD2)	**Source: 4C27008-05**			Prepared: 04/03/24 Analyzed: 04/10/24						
Chemical Oxygen Demand	220	10.0	mg/L	100	569	NR	80-120	4.65	20	QR-03

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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: Brent Barron Date: 4/12/2024

Brent Barron, Laboratory Director/Technical Director

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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.

Page 321 of 555

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager: Jonathan Repman

Company Name: TRC Environmental Corporation

Company Address: 10 Desta Drive, Ste 130E

City/State/Zip: Midland TX 79705

Telephone No: (432) 520-7720 Fax No:

Sampler Signature:

e-mail: jrepman@trccompanies.com, cjbryant@paalp.com, khudgens@paalp.com, bokator@trccompanies.com, lmedina@trccompanies.com

Project Name: 97-18

Project #: SRS: TNM 97-18

Project Loc: Lea County, NM

PO #:

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

(lab use only)

ORDER #: 4C27008

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TOTAL: TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate bvy E300	COD by SM 5310	Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-1			3-26-24	1145	1	9	X	1	7	2					GW	X	X	X	X	X	X		X
2	MW-6				1238	1	9	X	1	7	2					GW	X	X	X	X	X	X		X
3	MW-2				1355	1	9	X	1	7	2					GW	X	X	X	X	X	X		X
4	MW-4				1507	1	9	X	1	7	2					GW	X	X	X	X	X	X		X
5	MW-24				1611	1	9	X	1	7	2					GW	X	X	X	X	X	X		X
6	RW-2				1721	1	9	X	1	7	2					GW	X	X	X	X	X	X		X

Special Instructions: BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	3-27-24	0810			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				3/27/24	8:10

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: 5.2 °C

Adjusted: °C Factor

EG L3

Received by OCD: 11/6/2025 3:23:03 PM

Released to Imaging: 11/10/2025 11:04:12 AM

Released to Imaging: 11/10/2025 11:04:12 AM
Received by OCD: 11/6/2025 3:23:03 PM

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:** X Standard ☐ TRRP ☐ NPDES

Sampler Signature: N/A — e-mail: brentbarron@pbelab.com

ORDER #:

LAB # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	$Na_2S_2O_3$	NONE 500 POLY	NONE 3 AMBER VOAA VIALS	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TOC-415.1	RSK SOP-175	Mn DISS ICP MS 6020A	Fe DISS ICP MS 6020A	24 HOUR RUSH	STANDARD
	4C27008-01			3/26/2024	11:45	Y	5	X	X	X	X					W	X	X	X	X		X
	4C27008-02			3/26/2024	12:38	Y	5	X	X	X	X					W	X	X	X	X		X
	4C27008-03			3/26/2024	13:55	Y	5	X	X	X	X					W	X	X	X	X		X
	4C27008-04			3/26/2024	15:07	Y	5	X	X	X	X					W	X	X	X	X		X
	4C27008-05			3/26/2024	16:11	Y	5	X	X	X	X					W	X	X	X	X		X
	4C27008-06			3/26/2024	17:21	Y	5	X	X	X	X					W	X	X	X	X		X

Relinquished by: Brent Barron	3/27/2024	5:00 PM	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

April 04, 2024

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

Work Order: **HS24040062**

Laboratory Results for: **4C27008**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Mar 28, 2024 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: 04-Apr-24

Client: Permian Basin Environmental Lab, LP
Project: 4C27008
Work Order: HS24040062

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24040062-01	4C27008-01	Water		26-Mar-2024 11:45	28-Mar-2024 09:45	☐
HS24040062-02	4C27008-02	Water		26-Mar-2024 12:38	28-Mar-2024 09:45	☐
HS24040062-03	4C27008-03	Water		26-Mar-2024 13:55	28-Mar-2024 09:45	☐
HS24040062-04	4C27008-04	Water		26-Mar-2024 15:07	28-Mar-2024 09:45	☐
HS24040062-05	4C27008-05	Water		26-Mar-2024 16:11	28-Mar-2024 09:45	☐
HS24040062-06	4C27008-06	Water		26-Mar-2024 17:21	28-Mar-2024 09:45	☐

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Apr-24

Client: Permian Basin Environmental Lab, LP **CASE NARRATIVE**
Project: 4C27008
Work Order: HS24040062

GC Semivolatiles by Method RSK-175

Batch ID: R462891

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

Metals by Method SW6020A

Batch ID: 209765

Sample ID: 4C27008-02 (HS24040062-02)

• The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes

Sample ID: 4C27008-03 (HS24040062-03)

• The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes

Sample ID: 4C27008-04 (HS24040062-04)

• The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes

Sample ID: 4C27008-04 (HS24040062-04MS)

• Arsenic failed for MS and/or MSD but passed on PDS

Sample ID: 4C27008-06 (HS24040062-06)

• The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes

WetChemistry by Method E415.1

Batch ID: R463014

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

RIGHT SOLUTIONS | RIGHT PARTNER

Released to Imaging: 11/10/2025 11:04:12 AM

ALS Houston, US Date: 04-Apr-24

Client: Permian Basin Environmental Lab, LP
Project: 4C27008
Sample ID: 4C27008-01
Collection Date: 26-Mar-2024 11:45

ANALYTICAL REPORT
WorkOrder:HS24040062
Lab ID:HS24040062-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: E.H.
Ethane	ND		1.00	ug/L	1	02-Apr-2024 08:28
Ethene	ND		1.00	ug/L	1	02-Apr-2024 08:28
Methane	**1.13**		**0.500**	**ug/L**	1	02-Apr-2024 08:28
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 02-Apr-2024		Analyst: JC
Iron	**0.406**		**0.400**	**mg/L**	2	02-Apr-2024 23:52
Manganese	**0.0442**		**0.0100**	**mg/L**	2	02-Apr-2024 23:52
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**18.8**		**10.0**	**mg/L**	10	03-Apr-2024 20:02

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Apr-24

Client: Permian Basin Environmental Lab, LP
Project: 4C27008
Sample ID: 4C27008-02
Collection Date: 26-Mar-2024 12:38

ANALYTICAL REPORT
WorkOrder:HS24040062
Lab ID:HS24040062-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: E.H.
Ethane	ND		1.00	ug/L	1	02-Apr-2024 08:37
Ethene	ND		1.00	ug/L	1	02-Apr-2024 08:37
Methane	**7.13**		**0.500**	**ug/L**	1	02-Apr-2024 08:37
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 02-Apr-2024		Analyst: JC
Iron	ND		0.400	mg/L	2	02-Apr-2024 23:54
Manganese	**0.0254**		**0.0100**	**mg/L**	2	02-Apr-2024 23:54
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**22.3**		**10.0**	**mg/L**	10	03-Apr-2024 20:18

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Apr-24

Client: Permian Basin Environmental Lab, LP
Project: 4C27008
Sample ID: 4C27008-03
Collection Date: 26-Mar-2024 13:55

ANALYTICAL REPORT
WorkOrder:HS24040062
Lab ID:HS24040062-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: E.H.
Ethane	ND		1.00	ug/L	1	02-Apr-2024 08:50
Ethene	ND		1.00	ug/L	1	02-Apr-2024 08:50
Methane	**20.2**		**0.500**	**ug/L**	1	02-Apr-2024 08:50
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 02-Apr-2024		Analyst: JC
Iron	ND		0.400	mg/L	2	02-Apr-2024 23:55
Manganese	**0.0454**		**0.0100**	**mg/L**	2	02-Apr-2024 23:55
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**13.3**		**10.0**	**mg/L**	10	03-Apr-2024 20:32

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Apr-24

Client: Permian Basin Environmental Lab, LP
Project: 4C27008
Sample ID: 4C27008-04
Collection Date: 26-Mar-2024 15:07

ANALYTICAL REPORT
WorkOrder:HS24040062
Lab ID:HS24040062-04
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175	**Method:RSK-175**					Analyst: E.H.
Ethane	**4.72**		**1.00**	**ug/L**	1	02-Apr-2024 09:02
Ethene	ND		1.00	ug/L	1	02-Apr-2024 09:02
Methane	**930**		**25.0**	**ug/L**	50	02-Apr-2024 10:03
DISSOLVED METALS BY SW6020A	**Method:SW6020A (dissolved)**			Prep:SW3010A / 02-Apr-2024		Analyst: JC
Iron	ND		0.400	mg/L	2	02-Apr-2024 23:32
Manganese	ND		0.0100	mg/L	2	02-Apr-2024 23:32
TOTAL ORGANIC CARBON BY E415.1	**Method:E415.1**					Analyst: JAC
Organic Carbon, Total	**76.5**		**10.0**	**mg/L**	10	03-Apr-2024 20:48

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Apr-24

Client: Permian Basin Environmental Lab, LP
Project: 4C27008
Sample ID: 4C27008-05
Collection Date: 26-Mar-2024 16:11

ANALYTICAL REPORT
WorkOrder:HS24040062
Lab ID:HS24040062-05
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175	**Method:RSK-175**					Analyst: E.H.
Ethane	**8.69**		**1.00**	**ug/L**	1	02-Apr-2024 09:14
Ethene	ND		1.00	ug/L	1	02-Apr-2024 09:14
Methane	**874**		**25.0**	**ug/L**	50	02-Apr-2024 10:29
DISSOLVED METALS BY SW6020A	**Method:SW6020A (dissolved)**			Prep:SW3010A / 02-Apr-2024		Analyst: MSC
Iron	ND		0.200	mg/L	1	04-Apr-2024 13:47
Manganese	ND		0.00500	mg/L	1	04-Apr-2024 13:47
TOTAL ORGANIC CARBON BY E415.1	**Method:E415.1**					Analyst: JAC
Organic Carbon, Total	**102**		**10.0**	**mg/L**	10	03-Apr-2024 21:04

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Apr-24

Client: Permian Basin Environmental Lab, LP
Project: 4C27008
Sample ID: 4C27008-06
Collection Date: 26-Mar-2024 17:21

ANALYTICAL REPORT
WorkOrder:HS24040062
Lab ID:HS24040062-06
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: E.H.
Ethane	**1.94**		**1.00**	**ug/L**	1	02-Apr-2024 09:24
Ethene	ND		1.00	ug/L	1	02-Apr-2024 09:24
Methane	**65.4**		**2.50**	**ug/L**	5	02-Apr-2024 10:43
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 02-Apr-2024		Analyst: JC
Iron	ND		0.400	mg/L	2	02-Apr-2024 23:59
Manganese	**0.0464**		**0.0100**	**mg/L**	2	02-Apr-2024 23:59
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**17.4**		**10.0**	**mg/L**	10	03-Apr-2024 21:19

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US

Date: 04-Apr-24

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 4C27008
WorkOrder: HS24040062

Batch ID: 209765 **Start Date:** 02 Apr 2024 12:30 **End Date:** 02 Apr 2024 12:30
Method: DISS METALS PREP - WATER - SW3010A **Prep Code:** 3010A DISS

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24040062-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24040062-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24040062-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24040062-04		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24040062-05		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24040062-06		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

RIGHT SOLUTIONS | RIGHT PARTNER

Released to Imaging: 11/10/2025 11:04:12 AM

ALS Houston, US Date: 04-Apr-24

Client: Permian Basin Environmental Lab, LP
Project: 4C27008
WorkOrder: HS24040062

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 209765 (0)	**Test Name :** DISSOLVED METALS BY SW6020A				**Matrix:** Water	
HS24040062-01	4C27008-01	26 Mar 2024 11:45		02 Apr 2024 12:30	02 Apr 2024 23:52	2
HS24040062-02	4C27008-02	26 Mar 2024 12:38		02 Apr 2024 12:30	02 Apr 2024 23:54	2
HS24040062-03	4C27008-03	26 Mar 2024 13:55		02 Apr 2024 12:30	02 Apr 2024 23:55	2
HS24040062-04	4C27008-04	26 Mar 2024 15:07		02 Apr 2024 12:30	02 Apr 2024 23:32	2
HS24040062-05	4C27008-05	26 Mar 2024 16:11		02 Apr 2024 12:30	04 Apr 2024 13:47	1
HS24040062-06	4C27008-06	26 Mar 2024 17:21		02 Apr 2024 12:30	02 Apr 2024 23:59	2
Batch ID: R462891 (0)	**Test Name :** DISSOLVED GASES BY RSK-175				**Matrix:** Water	
HS24040062-01	4C27008-01	26 Mar 2024 11:45			02 Apr 2024 08:28	1
HS24040062-02	4C27008-02	26 Mar 2024 12:38			02 Apr 2024 08:37	1
HS24040062-03	4C27008-03	26 Mar 2024 13:55			02 Apr 2024 08:50	1
HS24040062-04	4C27008-04	26 Mar 2024 15:07			02 Apr 2024 10:03	50
HS24040062-04	4C27008-04	26 Mar 2024 15:07			02 Apr 2024 09:02	1
HS24040062-05	4C27008-05	26 Mar 2024 16:11			02 Apr 2024 10:29	50
HS24040062-05	4C27008-05	26 Mar 2024 16:11			02 Apr 2024 09:14	1
HS24040062-06	4C27008-06	26 Mar 2024 17:21			02 Apr 2024 10:43	5
HS24040062-06	4C27008-06	26 Mar 2024 17:21			02 Apr 2024 09:24	1
Batch ID: R463014 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS24040062-01	4C27008-01	26 Mar 2024 11:45			03 Apr 2024 20:02	10
HS24040062-02	4C27008-02	26 Mar 2024 12:38			03 Apr 2024 20:18	10
HS24040062-03	4C27008-03	26 Mar 2024 13:55			03 Apr 2024 20:32	10
HS24040062-04	4C27008-04	26 Mar 2024 15:07			03 Apr 2024 20:48	10
HS24040062-05	4C27008-05	26 Mar 2024 16:11			03 Apr 2024 21:04	10
HS24040062-06	4C27008-06	26 Mar 2024 17:21			03 Apr 2024 21:19	10

RIGHT SOLUTIONS | RIGHT PARTNER

Released to Imaging: 11/10/2025 11:04:12 AM

ALS Houston, US Date: 04-Apr-24

Client: Permian Basin Environmental Lab, LP
Project: 4C27008
WorkOrder: HS24040062

QC BATCH REPORT

Batch ID: R462891 (0) **Instrument:** FID-4 **Method:** DISSOLVED GASES BY RSK-175

MBLK Sample ID: **MBLK-240402** Units: **ug/L** Analysis Date: **02-Apr-2024 07:50**
Client ID: Run ID: **FID-4_462891** SeqNo: **7923473** 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-240402** Units: **ug/L** Analysis Date: **02-Apr-2024 07:59**
Client ID: Run ID: **FID-4_462891** SeqNo: **7923474** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	16.4	1.00	18.04	0	90.9	75 - 125				
Ethene	14.73	1.00	16.8	0	87.7	75 - 125				
Methane	8.696	0.500	9.647	0	90.1	75 - 125				

LCSD Sample ID: **LCSD-240402** Units: **ug/L** Analysis Date: **02-Apr-2024 08:18**
Client ID: Run ID: **FID-4_462891** SeqNo: **7923475** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	16.42	1.00	18.04	0	91.0	75 - 125	16.4	0.121	30	
Ethene	14.83	1.00	16.8	0	88.3	75 - 125	14.73	0.73	30	
Methane	8.933	0.500	9.647	0	92.6	75 - 125	8.696	2.68	30	

DUP Sample ID: **HS24040062-03DUP** Units: **ug/L** Analysis Date: **02-Apr-2024 09:53**
Client ID: **4C27008-03** Run ID: **FID-4_462891** SeqNo: **7923483** 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					0.8337	0	30	
Ethene	ND	1.00					0	0	30	
Methane	17.35	0.500					20.19	15.2	30	

The following samples were analyzed in this batch: HS24040062-01 HS24040062-02 HS24040062-03 HS24040062-04 HS24040062-05 HS24040062-06

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Apr-24

Client: Permian Basin Environmental Lab, LP
Project: 4C27008
WorkOrder: HS24040062

QC BATCH REPORT

Batch ID: 209765 (0) **Instrument: ICPMS06** **Method: DISSOLVED METALS BY SW6020A (DISSOLVED)**

MBLK Sample ID: **MBLK-209765** Units: **mg/L** Analysis Date: **02-Apr-2024 23:24**
Client ID: Run ID: **ICPMS06_462809** SeqNo: **7923177** PrepDate: **02-Apr-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	ND	0.200								
Manganese	ND	0.00500								

LCS Sample ID: **LCS-209765** Units: **mg/L** Analysis Date: **02-Apr-2024 23:26**
Client ID: Run ID: **ICPMS06_462809** SeqNo: **7923178** PrepDate: **02-Apr-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	4.685	0.200	5	0	93.7	80 - 120				
Manganese	0.04482	0.00500	0.05	0	89.6	80 - 120				

MS Sample ID: **HS24040062-04MS** Units: **mg/L** Analysis Date: **02-Apr-2024 23:36**
Client ID: **4C27008-04** Run ID: **ICPMS06_462809** SeqNo: **7923183** PrepDate: **02-Apr-2024** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	4.891	0.400	5	0.01719	97.5	75 - 125				
Manganese	0.05014	0.0100	0.05	0.004393	91.5	75 - 125				

MSD Sample ID: **HS24040062-04MSD** Units: **mg/L** Analysis Date: **02-Apr-2024 23:38**
Client ID: **4C27008-04** Run ID: **ICPMS06_462809** SeqNo: **7923184** PrepDate: **02-Apr-2024** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	4.791	0.400	5	0.01719	95.5	75 - 125	4.891	2.06	20	
Manganese	0.04953	0.0100	0.05	0.004393	90.3	75 - 125	0.05014	1.23	20	

PDS Sample ID: **HS24040062-04PDS** Units: **mg/L** Analysis Date: **02-Apr-2024 23:40**
Client ID: **4C27008-04** Run ID: **ICPMS06_462809** SeqNo: **7923185** PrepDate: **02-Apr-2024** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	10.14	0.400	10	0	101	75 - 125				
Manganese	0.103	0.0100	0.1	0.004393	98.6	75 - 125				

ALS Houston, US Date: 04-Apr-24

Client: Permian Basin Environmental Lab, LP
Project: 4C27008
WorkOrder: HS24040062

QC BATCH REPORT

Batch ID: 209765 (0) **Instrument:** ICPMS06 **Method:** DISSOLVED METALS BY SW6020A (DISSOLVED)

SD Sample ID: **HS24040062-04SD** Units: **mg/L** Analysis Date: **02-Apr-2024 23:34**
Client ID: **4C27008-04** Run ID: **ICPMS06_462809** SeqNo: **7923182** PrepDate: **02-Apr-2024** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Iron	ND	2.00					0.01719	0	10	
Manganese	ND	0.0500					0.004393	0	10	

The following samples were analyzed in this batch: HS24040062-01 HS24040062-02 HS24040062-03 HS24040062-04 HS24040062-05 HS24040062-06

ALS Houston, US Date: 04-Apr-24

Client: Permian Basin Environmental Lab, LP
Project: 4C27008
WorkOrder: HS24040062

QC BATCH REPORT

Batch ID: R463014 (0) **Instrument: TOC_05** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-04032024** Units: **mg/L** Analysis Date: **03-Apr-2024 19:15**
Client ID: Run ID: **TOC_05_463014** SeqNo: **7926547** 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-04032024** Units: **mg/L** Analysis Date: **03-Apr-2024 19:31**
Client ID: Run ID: **TOC_05_463014** SeqNo: **7926548** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.16	1.00	10	0	102	85 - 115				

LCSD Sample ID: **LCSD-04032021** Units: **mg/L** Analysis Date: **03-Apr-2024 19:47**
Client ID: Run ID: **TOC_05_463014** SeqNo: **7926549** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.27	1.00	10	0	103	85 - 115	10.16	1.08	20	

MS Sample ID: **HS24040221-01MS** Units: **mg/L** Analysis Date: **03-Apr-2024 22:23**
Client ID: Run ID: **TOC_05_463014** SeqNo: **7926559** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	13.7	1.00	10	3.759	99.4	80 - 120				

The following samples were analyzed in this batch: HS24040062-01 HS24040062-02 HS24040062-03 HS24040062-04 HS24040062-05 HS24040062-06

ALS Houston, US Date: 04-Apr-24

Client: Permian Basin Environmental Lab, LP
Project: 4C27008
WorkOrder: HS24040062

QUALIFIERS, ACRONYMS, UNITS

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

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Apr-24

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
California	2919; 2024	30-Apr-2024
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 - 2024	31-Dec-2024
North Dakota	R-193 2023-2024	30-Apr-2024
Oklahoma	2023-140	31-Aug-2024
Texas	T104704231-23-32	30-Apr-2024
Utah	TX026932023-14	31-Jul-2024

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Apr-24

Sample Receipt Checklist

Work Order ID: HS24040062 **Date/Time Received:** 28-Mar-2024 09:45

Client Name: Permian Basin Lab **Received by:** Nelson D. Dusara

Completed By:	/S/ Monica Smith	01-Apr-2024 18:05	**Reviewed by:**	/S/ Anna Kinchen	02-Apr-2024 09:47
	eSignature	Date/Time		eSignature	Date/Time

Matrices: **Warer** 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 ☐	COC IDs:PBEL COC- No ID
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):	4.2 uc/4.1 c	IR31	
Cooler(s)/Kit(s):	Red		
Date/Time sample(s) sent to storage:	04/01/2024 1806		
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:

Released to Imaging: 11/10/2025 11:04:12 AM
Received by OCD: 11/6/2025 3:23:03 PM

HS24040062

Permian Basin Environmental Lab, LP

4C27008

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Project Manager: Brent Barron

Company Name: PBEL

Company Address: 1400 Rankin HWY

City/State/Zip: Midland Texas 79701

Telephone No: 432-661-4184 Fax No:

Sampler Signature: N/A e-mail: brentbarron@pbelab.com

Project #:

Project Loc:

PO #:

Report Format: X Standard ☐ TRRP ☐ NPDES

ORDER #:

LAB # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	$Na_2S_2O_3$	NONE 500 POLY	NONE 3 AMBER VOAA VIALS	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TOC-415.1	RSK SOP-175	Mn DISS ICP MS 6020A	Fe DISS ICP MS 6020A	24 HOUR RUSH	STANDARD
	4C27008-01			3/26/2024	11:45	Y	5	X	X	X	X					W	X	X	X	X		X
	4C27008-02			3/26/2024	12:38	Y	5	X	X	X	X					W	X	X	X	X		X
	4C27008-03			3/26/2024	13:55	Y	5	X	X	X	X					W	X	X	X	X		X
	4C27008-04			3/26/2024	15:07	Y	5	X	X	X	X					W	X	X	X	X		X
	4C27008-05			3/26/2024	16:11	Y	5	X	X	X	X					W	X	X	X	X		X
	4C27008-06			3/26/2024	17:21	Y	5	X	X	X	X					W	X	X	X	X		X

Relinquished by: Brent Barron	3/27/2024	5:00 PM	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

03/28/24 9:45

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

4.2

RIGHT SOLUTIONS | RIGHT PARTNER

Released to Imaging: 11/10/2025 11:04:12 AM
Received by OCD: 11/6/2025 3:23:03 PM

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

SHIP DATE: 27MAR24
ACTWGT: 35.00 LB
CAD: 107136845/INET4535
DIMS: 15X17X9 IN

BILL RECIPIENT

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

INV:
PO:
REF:
DEPT:

583J2/8538/9AE3

J24102401100tuv

THU - 28 MAR 5:00P
STANDARD OVERNIGHT

TRK# 0201 7757 0989 1618

AB SGRA

77099
TX-US IAH

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RIGHT SOLUTIONS | RIGHT PARTNER

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

PBELAB

Analytical Report

Prepared for:

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

Project: 97-18
Project Number: TNM 97-18
Location: Lea County, NM

Lab Order Number: 4D03012

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 04/09/24

TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-23	4D03012-01	Water	03/26/24 17:47	04-03-2024 08:50
MW-26	4D03012-02	Water	03/26/24 18:11	04-03-2024 08:50
MW-25	4D03012-03	Water	03/26/24 18:49	04-03-2024 08:50
MW-3	4D03012-04	Water	03/27/24 10:47	04-03-2024 08:50
MW-10	4D03012-05	Water	03/27/24 11:17	04-03-2024 08:50
MW-18	4D03012-06	Water	03/27/24 11:46	04-03-2024 08:50
RW-1	4D03012-07	Water	03/27/24 12:25	04-03-2024 08:50
MW-17	4D03012-08	Water	03/27/24 12:43	04-03-2024 08:50

TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-23

4D03012-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	**0.00324**	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 04:51	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 04:51	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 04:51	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 04:51	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 04:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*87.5 %*	*80-120*		*P4D0409*	*04/04/24 13:26*	*04/05/24 04:51*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*80-120*		*P4D0409*	*04/04/24 13:26*	*04/05/24 04:51*	*EPA 8021B*	

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-26

4D03012-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 12:05	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 12:05	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 12:05	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 12:05	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 12:05	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*84.0 %*	*80-120*		*P4D0409*	*04/04/24 13:26*	*04/05/24 12:05*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*94.9 %*	*80-120*		*P4D0409*	*04/04/24 13:26*	*04/05/24 12:05*	*EPA 8021B*	

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-25

4D03012-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00886**	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 05:35	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 05:35	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 05:35	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 05:35	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 05:35	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*89.9 %*	*80-120*		*P4D0409*	*04/04/24 13:26*	*04/05/24 05:35*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*80-120*		*P4D0409*	*04/04/24 13:26*	*04/05/24 05:35*	*EPA 8021B*	

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-3

4D03012-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.188**	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 05:57	EPA 8021B	
Toluene	**0.00107**	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 05:57	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 05:57	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 05:57	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 05:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*89.3 %*	*80-120*		*P4D0409*	*04/04/24 13:26*	*04/05/24 05:57*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.8 %*	*80-120*		*P4D0409*	*04/04/24 13:26*	*04/05/24 05:57*	*EPA 8021B*	

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-10

4D03012-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.264**	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 06:19	EPA 8021B	
Toluene	**0.00449**	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 06:19	EPA 8021B	
Ethylbenzene	**0.00406**	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 06:19	EPA 8021B	
Xylene (p/m)	**0.00397**	0.00200	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 06:19	EPA 8021B	
Xylene (o)	**0.00579**	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 06:19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.6 %*	*80-120*		*P4D0409*	*04/04/24 13:26*	*04/05/24 06:19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*92.9 %*	*80-120*		*P4D0409*	*04/04/24 13:26*	*04/05/24 06:19*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-18

4D03012-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.673**	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 12:27	EPA 8021B	
Toluene	**0.00321**	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 12:27	EPA 8021B	
Ethylbenzene	**0.00956**	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 12:27	EPA 8021B	
Xylene (p/m)	**0.0622**	0.00200	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 12:27	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 12:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*85.8 %*	*80-120*		*P4D0409*	*04/04/24 13:26*	*04/05/24 12:27*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.0 %*	*80-120*		*P4D0409*	*04/04/24 13:26*	*04/05/24 12:27*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

RW-1

4D03012-07 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.679**	0.0100	mg/L	10	P4D0409	04/04/24 13:26	04/05/24 12:49	EPA 8021B	
Toluene	**0.00722**	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 07:47	EPA 8021B	
Ethylbenzene	**0.0443**	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 07:47	EPA 8021B	
Xylene (p/m)	**0.112**	0.00200	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 07:47	EPA 8021B	
Xylene (o)	**0.0467**	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 07:47	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*83.6 %*	*80-120*		*P4D0409*	*04/04/24 13:26*	*04/05/24 07:47*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*90.3 %*	*80-120*		*P4D0409*	*04/04/24 13:26*	*04/05/24 07:47*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-17

4D03012-08 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**1.87**	0.0100	mg/L	10	P4D0409	04/04/24 13:26	04/05/24 08:09	EPA 8021B	
Toluene	**0.00181**	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 13:11	EPA 8021B	
Ethylbenzene	**0.142**	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 13:11	EPA 8021B	
Xylene (p/m)	**0.120**	0.00200	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 13:11	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4D0409	04/04/24 13:26	04/05/24 13:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*78.9 %*	*80-120*		*P4D0409*	*04/04/24 13:26*	*04/05/24 13:11*	*EPA 8021B*	*S-GC1*
Surrogate: 1,4-Difluorobenzene		*97.5 %*	*80-120*		*P4D0409*	*04/04/24 13:26*	*04/05/24 13:11*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4D0409 - * DEFAULT PREP *** **										
Blank (P4D0409-BLK1)				Prepared: 04/04/24 Analyzed: 04/05/24						
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	*0.109*		*"*	*0.120*		*90.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.2*	*80-120*			
LCS (P4D0409-BS1)				Prepared: 04/04/24 Analyzed: 04/05/24						
Benzene	0.0950	0.00100	mg/L	0.100		95.0	80-120			
Toluene	0.0818	0.00100	"	0.100		81.8	80-120			
Ethylbenzene	0.0827	0.00100	"	0.100		82.7	80-120			
Xylene (p/m)	0.169	0.00200	"	0.200		84.5	80-120			
Xylene (o)	0.0830	0.00100	"	0.100		83.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.104*		*"*	*0.120*		*86.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.6*	*80-120*			
LCS Dup (P4D0409-BSD1)				Prepared: 04/04/24 Analyzed: 04/05/24						
Benzene	0.101	0.00100	mg/L	0.100		101	80-120	6.06	20	
Toluene	0.0893	0.00100	"	0.100		89.3	80-120	8.84	20	
Ethylbenzene	0.0914	0.00100	"	0.100		91.4	80-120	9.98	20	
Xylene (p/m)	0.186	0.00200	"	0.200		92.8	80-120	9.44	20	
Xylene (o)	0.0868	0.00100	"	0.100		86.8	80-120	4.43	20	
Surrogate: 4-Bromofluorobenzene	*0.107*		*"*	*0.120*		*89.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.0*	*80-120*			
Calibration Blank (P4D0409-CCB1)				Prepared: 04/04/24 Analyzed: 04/05/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.120*		*91.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.1*	*80-120*			

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4D0409 - * DEFAULT PREP *** **										
Calibration Blank (P4D0409-CCB2)				Prepared: 04/04/24 Analyzed: 04/05/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.430		"							
Xylene (p/m)	0.310		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.107*		*"*	*0.120*		*88.9*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.6*	*80-120*			
Calibration Check (P4D0409-CCV1)				Prepared: 04/04/24 Analyzed: 04/05/24						
Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.216	0.00200	"	0.200		108	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	*0.106*		*"*	*0.120*		*88.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*99.6*	*80-120*			
Calibration Check (P4D0409-CCV2)				Prepared: 04/04/24 Analyzed: 04/05/24						
Benzene	0.114	0.00100	mg/L	0.100		114	80-120			
Toluene	0.0950	0.00100	"	0.100		95.0	80-120			
Ethylbenzene	0.0889	0.00100	"	0.100		88.9	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200		96.7	80-120			
Xylene (o)	0.0918	0.00100	"	0.100		91.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.102*		*"*	*0.120*		*85.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.2*	*80-120*			
Calibration Check (P4D0409-CCV3)				Prepared: 04/04/24 Analyzed: 04/05/24						
Benzene	0.105	0.00100	mg/L	0.100		105	80-120			
Toluene	0.0909	0.00100	"	0.100		90.9	80-120			
Ethylbenzene	0.0870	0.00100	"	0.100		87.0	80-120			
Xylene (p/m)	0.189	0.00200	"	0.200		94.6	80-120			
Xylene (o)	0.0879	0.00100	"	0.100		87.9	80-120			
Surrogate: 4-Bromofluorobenzene	*0.103*		*"*	*0.120*		*86.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*97.9*	*80-120*			

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4D0409 - * DEFAULT PREP *** **										
Matrix Spike (P4D0409-MS1)	**Source: 4D03011-03**			Prepared: 04/04/24 Analyzed: 04/05/24						
Benzene	0.116	0.00100	mg/L	0.100	0.00113	115	80-120			
Toluene	0.0993	0.00100	"	0.100	ND	99.3	80-120			
Ethylbenzene	0.101	0.00100	"	0.100	ND	101	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200	ND	103	80-120			
Xylene (o)	0.0934	0.00100	"	0.100	ND	93.4	80-120			
Surrogate: 4-Bromofluorobenzene	*0.105*		*"*	*0.120*		*87.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.0*	*80-120*			
Matrix Spike Dup (P4D0409-MSD1)	**Source: 4D03011-03**			Prepared: 04/04/24 Analyzed: 04/05/24						
Benzene	0.105	0.00100	mg/L	0.100	0.00113	104	80-120	9.71	20	
Toluene	0.0883	0.00100	"	0.100	ND	88.3	80-120	11.8	20	
Ethylbenzene	0.0898	0.00100	"	0.100	ND	89.8	80-120	11.8	20	
Xylene (p/m)	0.183	0.00200	"	0.200	ND	91.3	80-120	11.7	20	
Xylene (o)	0.0823	0.00100	"	0.100	ND	82.3	80-120	12.6	20	
Surrogate: 4-Bromofluorobenzene	*0.104*		*"*	*0.120*		*86.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.4*	*80-120*			

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

Notes and Definitions

S-GC1	Surrogate recovery outside of control limits. A second analysis confirmed the original results..
ROI	Received on Ice
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: Brent Barron Date: 4/9/2024

Brent Barron, Laboratory Director/Technical Director

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

Page 357 of 555

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jonathan Repman
Company Name: TRC Environmental Corporation
Company Address: 10 Desta Drive, Ste 130E
City/State/Zip: Midland TX 79705
Telephone No: (432) 955-3561 Fax No:
Sampler Signature:

Project Name: 97-18
Project #: SRS: TNM 97-18
Project Loc: Lea County, NM
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

e-mail: jrepman@trccompanies.com, cjbryant@paalp.com, khudgens@paalp.com, bokafor@trccompanies.com, lmedina@trccompanies.com

(lab use only) ORDER #: 4D03012

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate bvy E300	COD by SM 5310	Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
2	MW-23			3-26-24	1747	1	3	X		3						GW						X		X
3	MW-26			↓	1811	1	3	X		3						GW						X		X
4	MW-25			↓	1849	1	3	X		3						GW						X		X
5	MW-3			3-27-24	1047	1	3	X		3						GW						X		X
6	MW-10				1117	1	3	X		3						GW						X		X
7	MW-18				1146	1	3	X		3						GW						X		X
8	RW-1				1225	1	3	X		3						GW						X		X
9	MW-17			↓	1243	1	3	X		3						GW						X		X
10	MW-5				—	1	3	X		3						GW						X		X

Special Instructions: BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	4-3-24	0850			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: Burton Barnum	4/3/24	0850

Laboratory Comments:

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

Temperature Upon Receipt: L3
Received: 3.8 °C
Adjusted: 3.8 °C Factor NCF

Received by OCD: 11/6/2025 3:23:03 PM

Released to Imaging: 11/10/2025 11:04:12 AM

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

PBELAB

Analytical Report

Prepared for:

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

Project: 97-18_MNA
Project Number: TNM 97-18
Location: LEA COUNTY, NM

Lab Order Number: 4F21001

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 07/12/24

TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	4F21001-01	Water	06/20/24 10:30	06-21-2024 07:53
MW-6	4F21001-02	Water	06/20/24 10:25	06-21-2024 07:53
MW-2	4F21001-03	Water	06/20/24 12:38	06-21-2024 07:53
MW-4	4F21001-04	Water	06/20/24 13:31	06-21-2024 07:53
MW-24	4F21001-05	Water	06/20/24 14:40	06-21-2024 07:53
RW-2	4F21001-06	Water	06/20/24 15:35	06-21-2024 07:53

TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-1

4F21001-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4F2408	06/24/24 12:30	06/24/24 21:44	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F2408	06/24/24 12:30	06/24/24 21:44	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F2408	06/24/24 12:30	06/24/24 21:44	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F2408	06/24/24 12:30	06/24/24 21:44	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2408	06/24/24 12:30	06/24/24 21:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*86.2 %*	*80-120*		*P4F2408*	*06/24/24 12:30*	*06/24/24 21:44*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*111 %*	*80-120*		*P4F2408*	*06/24/24 12:30*	*06/24/24 21:44*	*EPA 8021B*	
Ethane	**0.00104**	0.00100	mg/L	1	P4G1013	06/27/24 00:00	06/27/24 10:10	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4G1013	06/27/24 00:00	06/27/24 10:10	8015M	SUB-13
Methane	**0.00123**	0.000500	mg/L	1	P4G1013	06/27/24 00:00	06/27/24 10:10	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**58.0**	2.00	mg/L	1	P4G1011	07/10/24 10:06	07/10/24 13:54	8000	
Nitrate as N	**0.988**	0.200	mg/L	1	P4F2608	06/26/24 14:06	06/26/24 22:03	EPA 300.0	
Sulfate	**4280**	100	mg/L	100	P4G0304	07/03/24 10:33	07/03/24 16:25	EPA 300.0	
Total Organic Carbon	**162**	10.0	mg/L	1	P4G1013	07/02/24 19:41	07/02/24 19:41	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4G1013	06/24/24 11:00	06/28/24 21:09	EPA 6020A	SUB-13
Manganese	**0.0351**	0.00500	mg/L	1	P4G1013	06/24/24 11:00	06/28/24 21:09	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-6

4F21001-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0195**	0.00100	mg/L	1	P4F2408	06/24/24 12:30	06/24/24 22:06	EPA 8021B	
Toluene	**0.00214**	0.00100	mg/L	1	P4F2408	06/24/24 12:30	06/24/24 22:06	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F2408	06/24/24 12:30	06/24/24 22:06	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F2408	06/24/24 12:30	06/24/24 22:06	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2408	06/24/24 12:30	06/24/24 22:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*84.7 %*	*80-120*		*P4F2408*	*06/24/24 12:30*	*06/24/24 22:06*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*111 %*	*80-120*		*P4F2408*	*06/24/24 12:30*	*06/24/24 22:06*	*EPA 8021B*	
Ethane	**0.00154**	0.00100	mg/L	1	P4G1013	06/27/24 00:00	06/27/24 10:58	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4G1013	06/27/24 00:00	06/27/24 10:58	8015M	SUB-13
Methane	**0.00855**	0.000500	mg/L	1	P4G1013	06/27/24 00:00	06/27/24 10:58	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**87.0**	2.00	mg/L	1	P4G1011	07/10/24 10:06	07/10/24 13:54	8000	
Nitrate as N	ND	0.200	mg/L	1	P4F2608	06/06/24 14:06	06/26/24 22:57	EPA 300.0	
Sulfate	**4790**	100	mg/L	100	P4G0304	07/03/24 10:33	07/03/24 17:18	EPA 300.0	
Total Organic Carbon	**25.0**	10.0	mg/L	1	P4G1013	07/02/24 19:50	07/02/24 19:50	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.400	mg/L	1	P4G1013	06/24/24 11:00	06/28/24 22:04	EPA 6020A	SUB-13
Manganese	**0.0211**	0.0100	mg/L	1	P4G1013	06/24/24 11:00	06/28/24 22:04	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-2

4F21001-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0233**	0.00100	mg/L	1	P4F2408	06/24/24 12:30	06/24/24 22:28	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F2408	06/24/24 12:30	06/24/24 22:28	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F2408	06/24/24 12:30	06/24/24 22:28	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F2408	06/24/24 12:30	06/24/24 22:28	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2408	06/24/24 12:30	06/24/24 22:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*84.3 %*	*80-120*		*P4F2408*	*06/24/24 12:30*	*06/24/24 22:28*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*112 %*	*80-120*		*P4F2408*	*06/24/24 12:30*	*06/24/24 22:28*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4G1013	06/27/24 00:00	06/27/24 11:12	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4G1013	06/27/24 00:00	06/27/24 11:12	8015M	SUB-13
Methane	**0.0160**	0.000500	mg/L	1	P4G1013	06/27/24 00:00	06/27/24 11:12	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**50.0**	2.00	mg/L	1	P4G1011	07/10/24 10:06	07/10/24 13:54	8000	
Nitrate as N	ND	0.200	mg/L	1	P4F2608	06/26/24 14:06	06/26/24 23:15	EPA 300.0	
Sulfate	**2880**	100	mg/L	100	P4G0304	07/03/24 10:33	07/03/24 17:36	EPA 300.0	
Total Organic Carbon	**16.2**	10.0	mg/L	1	P4G1013	07/02/24 20:00	07/02/24 20:00	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.400	mg/L	1	P4G1013	06/24/24 11:00	06/28/24 22:07	EPA 6020A	SUB-13
Manganese	**0.0443**	0.0100	mg/L	1	P4G1013	06/24/24 11:00	06/28/24 22:07	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-4

4F21001-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**1.68**	0.0100	mg/L	10	P4F2512	06/25/24 10:20	06/25/24 12:55	EPA 8021B	
Toluene	**0.00288**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 20:00	EPA 8021B	
Ethylbenzene	**0.00445**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 20:00	EPA 8021B	
Xylene (p/m)	**0.0748**	0.00200	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 20:00	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 20:00	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*80.6 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 20:00*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*115 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 20:00*	*EPA 8021B*	
Ethane	**0.00564**	0.00100	mg/L	1	P4G1013	06/27/24 00:00	06/27/24 11:31	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4G1013	06/27/24 00:00	06/27/24 11:31	8015M	SUB-13
Methane	**0.888**	0.0250	mg/L	1	P4G1013	06/27/24 00:00	06/27/24 16:55	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**182**	2.00	mg/L	1	P4G1011	07/10/24 10:06	07/10/24 13:54	8000	
Nitrate as N	ND	0.200	mg/L	1	P4F2608	06/26/24 14:06	06/26/24 23:32	EPA 300.0	
Sulfate	**1160**	50.0	mg/L	50	P4G0304	07/03/24 10:33	07/03/24 17:54	EPA 300.0	
Total Organic Carbon	**92.3**	10.0	mg/L	1	P4G1013	07/03/24 12:52	07/03/24 12:52	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.400	mg/L	1	P4G1013	06/24/24 11:00	06/28/24 22:09	EPA 6020A	SUB-13
Manganese	ND	0.0100	mg/L	1	P4G1013	06/24/24 11:00	06/28/24 22:09	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-24

4F21001-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**8.01**	0.0500	mg/L	50	P4F2512	06/25/24 10:20	06/25/24 20:22	EPA 8021B	
Toluene	**0.00597**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 20:44	EPA 8021B	
Ethylbenzene	**0.262**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 20:44	EPA 8021B	
Xylene (p/m)	**0.205**	0.00200	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 20:44	EPA 8021B	
Xylene (o)	**0.00396**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 20:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*79.0 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 20:44*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*118 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 20:44*	*EPA 8021B*	
Ethane	**0.00697**	0.00100	mg/L	1	P4G1013	06/27/24 00:00	06/27/24 11:48	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4G1013	06/27/24 00:00	06/27/24 11:48	8015M	SUB-13
Methane	**0.951**	0.0250	mg/L	1	P4G1013	06/27/24 00:00	06/27/24 17:03	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**398**	4.00	mg/L	1	P4G1011	07/10/24 10:06	07/10/24 13:54	8000	
Nitrate as N	ND	0.200	mg/L	1	P4F2608	06/26/24 14:06	06/26/24 23:50	EPA 300.0	
Sulfate	**749**	50.0	mg/L	50	P4G0304	07/03/24 10:33	07/03/24 18:12	EPA 300.0	
Total Organic Carbon	**105**	20.0	mg/L	1	P4G1013	07/03/24 13:02	07/03/24 13:02	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4G1013	06/24/24 11:00	07/01/24 12:13	EPA 6020A	SUB-13
Manganese	ND	0.00500	mg/L	1	P4G1013	06/24/24 11:00	07/01/24 12:13	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

RW-2

4F21001-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.228**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 13:40	EPA 8021B	
Toluene	**0.00160**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 13:40	EPA 8021B	
Ethylbenzene	**0.160**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 13:40	EPA 8021B	
Xylene (p/m)	**0.0580**	0.00200	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 13:40	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 13:40	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*81.2 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 13:40*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*108 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 13:40*	*EPA 8021B*	
Ethane	**0.00193**	0.00100	mg/L	1	P4G1013	06/27/24 00:00	06/27/24 11:58	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4G1013	06/27/24 00:00	06/27/24 11:58	8015M	SUB-13
Methane	**0.178**	0.00500	mg/L	1	P4G1013	06/27/24 00:00	06/27/24 17:17	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**220**	4.00	mg/L	1	P4G1011	07/10/24 10:06	07/10/24 13:54	8000	
Nitrate as N	ND	0.200	mg/L	1	P4F2608	06/26/24 14:06	06/27/24 00:08	EPA 300.0	
Sulfate	**2780**	100	mg/L	100	P4G0304	07/03/24 10:33	07/03/24 18:30	EPA 300.0	
Total Organic Carbon	**33.5**	20.0	mg/L	1	P4G1013	07/03/24 13:12	07/03/24 13:12	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.400	mg/L	1	P4G1013	06/24/24 11:00	06/28/24 22:14	EPA 6020A	SUB-13
Manganese	**0.0327**	0.0100	mg/L	1	P4G1013	06/24/24 11:00	06/28/24 22:14	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4F2408 - * DEFAULT PREP *** **										
Blank (P4F2408-BLK1)				Prepared & Analyzed: 06/24/24						
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	*0.108*		*"*	*0.120*		*90.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.128*		*"*	*0.120*		*107*	*80-120*			
LCS (P4F2408-BS1)				Prepared & Analyzed: 06/24/24						
Benzene	0.111	0.00100	mg/L	0.100		111	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.231	0.00200	"	0.200		115	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	*0.112*		*"*	*0.120*		*93.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.138*		*"*	*0.120*		*115*	*80-120*			
LCS Dup (P4F2408-BSD1)				Prepared & Analyzed: 06/24/24						
Benzene	0.108	0.00100	mg/L	0.100		108	80-120	2.59	20	
Toluene	0.0987	0.00100	"	0.100		98.7	80-120	9.84	20	
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120	10.3	20	
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120	9.60	20	
Xylene (o)	0.0920	0.00100	"	0.100		92.0	80-120	9.03	20	
Surrogate: 4-Bromofluorobenzene	*0.111*		*"*	*0.120*		*92.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.141*		*"*	*0.120*		*117*	*80-120*			
Calibration Blank (P4F2408-CCB1)				Prepared & Analyzed: 06/24/24						
Benzene	0.180		ug/l							
Toluene	0.150		"							
Ethylbenzene	0.270		"							
Xylene (p/m)	0.500		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.120*		*90.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.127*		*"*	*0.120*		*106*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4F2408 - * DEFAULT PREP *** **										
Calibration Blank (P4F2408-CCB2)				Prepared & Analyzed: 06/24/24						
Benzene	0.0800		ug/l							
Toluene	0.0700		"							
Ethylbenzene	0.280		"							
Xylene (p/m)	0.550		"							
Xylene (o)	0.190		"							
Surrogate: 4-Bromofluorobenzene	*0.103*		*"*	*0.120*		*86.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.129*		*"*	*0.120*		*107*	*80-120*			
Calibration Check (P4F2408-CCV1)				Prepared & Analyzed: 06/24/24						
Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.229	0.00200	"	0.200		114	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	*0.106*		*"*	*0.120*		*88.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.135*		*"*	*0.120*		*112*	*80-120*			
Calibration Check (P4F2408-CCV2)				Prepared & Analyzed: 06/24/24						
Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.114	0.00100	"	0.100		114	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.234	0.00200	"	0.200		117	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	*0.108*		*"*	*0.120*		*90.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.140*		*"*	*0.120*		*116*	*80-120*			
Calibration Check (P4F2408-CCV3)				Prepared & Analyzed: 06/24/24						
Benzene	0.113	0.00100	mg/L	0.100		113	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.222	0.00200	"	0.200		111	80-120			
Xylene (o)	0.100	0.00100	"	0.100		100	80-120			
Surrogate: 4-Bromofluorobenzene	*0.105*		*"*	*0.120*		*87.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.139*		*"*	*0.120*		*116*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4F2408 - * DEFAULT PREP *** **										
Matrix Spike (P4F2408-MS1)	**Source: 4F19020-06**			Prepared & Analyzed: 06/24/24						
Benzene	0.122	0.00100	mg/L	0.100	ND	122	80-120			QM-05
Toluene	0.112	0.00100	"	0.100	ND	112	80-120			
Ethylbenzene	0.119	0.00100	"	0.100	ND	119	80-120			
Xylene (p/m)	0.231	0.00200	"	0.200	ND	116	80-120			
Xylene (o)	0.103	0.00100	"	0.100	ND	103	80-120			
Surrogate: 4-Bromofluorobenzene	*0.105*		*"*	*0.120*		*87.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.139*		*"*	*0.120*		*116*	*80-120*			
Matrix Spike Dup (P4F2408-MSD1)	**Source: 4F19020-06**			Prepared & Analyzed: 06/24/24						
Benzene	0.123	0.00100	mg/L	0.100	ND	123	80-120	1.22	20	QM-05
Toluene	0.112	0.00100	"	0.100	ND	112	80-120	0.196	20	
Ethylbenzene	0.119	0.00100	"	0.100	ND	119	80-120	0.295	20	
Xylene (p/m)	0.234	0.00200	"	0.200	ND	117	80-120	1.15	20	
Xylene (o)	0.104	0.00100	"	0.100	ND	104	80-120	1.01	20	
Surrogate: 4-Bromofluorobenzene	*0.106*		*"*	*0.120*		*88.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.141*		*"*	*0.120*		*118*	*80-120*			
Batch P4F2512 - * DEFAULT PREP *** **										
Blank (P4F2512-BLK1)				Prepared & Analyzed: 06/25/24						
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	*0.102*		*"*	*0.120*		*85.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.133*		*"*	*0.120*		*111*	*80-120*			

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4F2512 - * DEFAULT PREP *** **										
LCS (P4F2512-BS1)				Prepared & Analyzed: 06/25/24						
Benzene	0.114	0.00100	mg/L	0.100		114	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120			
Xylene (o)	0.0949	0.00100	"	0.100		94.9	80-120			
Surrogate: 4-Bromofluorobenzene	*0.104*		*"*	*0.120*		*86.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.140*		*"*	*0.120*		*117*	*80-120*			
LCS Dup (P4F2512-BSD1)				Prepared & Analyzed: 06/25/24						
Benzene	0.110	0.00100	mg/L	0.100		110	80-120	3.70	20	
Toluene	0.101	0.00100	"	0.100		101	80-120	1.74	20	
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120	1.60	20	
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120	0.243	20	
Xylene (o)	0.0938	0.00100	"	0.100		93.8	80-120	1.24	20	
Surrogate: 4-Bromofluorobenzene	*0.105*		*"*	*0.120*		*87.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.138*		*"*	*0.120*		*115*	*80-120*			
Calibration Blank (P4F2512-CCB1)				Prepared & Analyzed: 06/25/24						
Benzene	0.0600		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.180		"							
Xylene (p/m)	0.370		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.101*		*"*	*0.120*		*83.9*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.130*		*"*	*0.120*		*109*	*80-120*			
Calibration Blank (P4F2512-CCB2)				Prepared & Analyzed: 06/25/24						
Benzene	0.250		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.330		"							
Xylene (p/m)	0.570		"							
Xylene (o)	0.200		"							
Surrogate: 4-Bromofluorobenzene	*0.0980*		*"*	*0.120*		*81.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.129*		*"*	*0.120*		*107*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4F2512 - * DEFAULT PREP *** **										
Calibration Check (P4F2512-CCV1)				Prepared & Analyzed: 06/25/24						
Benzene	0.113	0.00100	mg/L	0.100		113	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.0978	0.00100	"	0.100		97.8	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.0938	0.00100	"	0.100		93.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.101*		"	*0.120*		*84.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.137*		"	*0.120*		*115*	*80-120*			
Calibration Check (P4F2512-CCV2)				Prepared & Analyzed: 06/25/24						
Benzene	0.108	0.00100	mg/L	0.100		108	80-120			
Toluene	0.0991	0.00100	"	0.100		99.1	80-120			
Ethylbenzene	0.0964	0.00100	"	0.100		96.4	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		102	80-120			
Xylene (o)	0.0929	0.00100	"	0.100		92.9	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0997*		"	*0.120*		*83.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.135*		"	*0.120*		*113*	*80-120*			
Calibration Check (P4F2512-CCV3)				Prepared: 06/25/24 Analyzed: 06/26/24						
Benzene	0.111	0.00100	mg/L	0.100		111	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.0993	0.00100	"	0.100		99.3	80-120			
Xylene (p/m)	0.207	0.00200	"	0.200		104	80-120			
Xylene (o)	0.0941	0.00100	"	0.100		94.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0976*		"	*0.120*		*81.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.134*		"	*0.120*		*112*	*80-120*			
Matrix Spike (P4F2512-MS1)		**Source: 4F21002-10**		Prepared & Analyzed: 06/25/24						
Benzene	0.121	0.00100	mg/L	0.100	ND	121	80-120			QM-05
Toluene	0.109	0.00100	"	0.100	ND	109	80-120			
Ethylbenzene	0.115	0.00100	"	0.100	ND	115	80-120			
Xylene (p/m)	0.222	0.00200	"	0.200	ND	111	80-120			
Xylene (o)	0.0995	0.00100	"	0.100	ND	99.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0998*		"	*0.120*		*83.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.137*		"	*0.120*		*114*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4F2512 - * DEFAULT PREP *** **										
Matrix Spike Dup (P4F2512-MSD1)		**Source: 4F21002-10**		Prepared & Analyzed: 06/25/24						
Benzene	0.118	0.00100	mg/L	0.100	ND	118	80-120	2.71	20	
Toluene	0.106	0.00100	"	0.100	ND	106	80-120	2.59	20	
Ethylbenzene	0.112	0.00100	"	0.100	ND	112	80-120	3.00	20	
Xylene (p/m)	0.215	0.00200	"	0.200	ND	108	80-120	3.00	20	
Xylene (o)	0.0960	0.00100	"	0.100	ND	96.0	80-120	3.53	20	
Surrogate: 4-Bromofluorobenzene	*0.0991*		*"*	*0.120*		*82.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.136*		*"*	*0.120*		*113*	*80-120*			

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4F2608 - * DEFAULT PREP *** **										
LCS (P4F2608-BS1)				Prepared: 06/26/24 Analyzed: 07/01/24						
Nitrate as N	21.2		mg/L	20.0		106	90-110			
LCS Dup (P4F2608-BSD1)				Prepared: 06/26/24 Analyzed: 07/01/24						
Nitrate as N	21.2		mg/L	20.0		106	90-110	0.00470	10	
Calibration Check (P4F2608-CCV1)				Prepared: 06/26/24 Analyzed: 07/01/24						
Nitrate as N	21.3		mg/L	20.0		106	90-110			
Calibration Check (P4F2608-CCV2)				Prepared: 06/26/24 Analyzed: 07/01/24						
Nitrate as N	21.3		mg/L	20.0		106	90-110			
Matrix Spike (P4F2608-MS1)		**Source: 4F21001-01**		Prepared & Analyzed: 06/26/24						
Nitrate as N	21.8		mg/L	20.0	0.988	104	80-120			
Matrix Spike Dup (P4F2608-MSD1)		**Source: 4F21001-01**		Prepared & Analyzed: 06/26/24						
Nitrate as N	21.7		mg/L	20.0	0.988	103	80-120	0.677	20	
Batch P4G0304 - * DEFAULT PREP *** **										
Blank (P4G0304-BLK1)				Prepared & Analyzed: 07/03/24						
Sulfate	ND	1.00	mg/L							
LCS (P4G0304-BS1)				Prepared & Analyzed: 07/03/24						
Sulfate	21.3		mg/L	20.0		106	90-110			
LCS Dup (P4G0304-BSD1)				Prepared & Analyzed: 07/03/24						
Sulfate	21.1		mg/L	20.0		105	90-110	1.12	10	

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4G0304 - * DEFAULT PREP *** **										
Calibration Check (P4G0304-CCV1)				Prepared & Analyzed: 07/03/24						
Sulfate	20.4		mg/L	20.0		102	90-110			
Calibration Check (P4G0304-CCV2)				Prepared & Analyzed: 07/03/24						
Sulfate	21.2		mg/L	20.0		106	90-110			
Matrix Spike (P4G0304-MS1)		**Source: 4F17032-01**		Prepared & Analyzed: 07/03/24						
Sulfate	112		mg/L	100	5.36	107	80-120			
Matrix Spike (P4G0304-MS2)		**Source: 4F21001-01**		Prepared & Analyzed: 07/03/24						
Sulfate	95.9		mg/L	50.0	42.8	106	80-120			
Matrix Spike Dup (P4G0304-MSD1)		**Source: 4F17032-01**		Prepared & Analyzed: 07/03/24						
Sulfate	112		mg/L	100	5.36	106	80-120	0.0590	20	
Matrix Spike Dup (P4G0304-MSD2)		**Source: 4F21001-01**		Prepared & Analyzed: 07/03/24						
Sulfate	96.2		mg/L	50.0	42.8	107	80-120	0.346	20	
Batch P4G1011 - * DEFAULT PREP *** **										
Blank (P4G1011-BLK1)				Prepared & Analyzed: 07/10/24						
Chemical Oxygen Demand	ND	2.00	mg/L							
LCS (P4G1011-BS1)				Prepared & Analyzed: 07/10/24						
Chemical Oxygen Demand	99.0	2.00	mg/L	100		99.0	80-120			
LCS Dup (P4G1011-BSD1)				Prepared & Analyzed: 07/10/24						
Chemical Oxygen Demand	99.0	2.00	mg/L	100		99.0	80-120	0.00	20	

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4G1011 - * DEFAULT PREP *** **										
Duplicate (P4G1011-DUP1)	**Source: 4F21001-01**			Prepared & Analyzed: 07/10/24						
Chemical Oxygen Demand	60.0	2.00	mg/L		58.0			3.39	20	
Matrix Spike (P4G1011-MS1)	**Source: 4F21001-01**			Prepared & Analyzed: 07/10/24						
Chemical Oxygen Demand	156	2.00	mg/L	100	58.0	98.0	80-120			
Matrix Spike Dup (P4G1011-MSD1)	**Source: 4F21001-01**			Prepared & Analyzed: 07/10/24						
Chemical Oxygen Demand	150	2.00	mg/L	100	58.0	92.0	80-120	3.92	20	

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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: Brent Barron Date: 7/12/2024

Brent Barron, Laboratory Director/Technical Director

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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

Page 377 of 555

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager: Jonathan Repman

Company Name: TRC Environmental Corporation

Company Address: 10 Desta Drive, Ste 130E

City/State/Zip: Midland TX 79705

Telephone No: (432) 955-3561 Fax No:

Sampler Signature:

e-mail: jrepman@trccompanies.com, cjbryant@paalp.com, khudgens@paalp.com, bokator@trccompanies.com

Project Name: 97-18

Project #: SRS: TNM 97-18

Project Loc: Lea County, NM

PO #:

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

(lab use only)
ORDER #: 4F21001

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate bvy E300	COD by SM 5310	Total BTEX by 8260	TOTAL: X	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-1			6-20-24	1030	1	9	X	1	7	2					GW	X	X	X	X	X	X			X
2	MW-6				1125	1	9	X	1	7	2					GW	X	X	X	X	X	X			X
3	MW-2				1238	1	9	X	1	7	2					GW	X	X	X	X	X	X			X
4	MW-4				1331	1	9	X	1	7	2					GW	X	X	X	X	X	X			X
5	MW-24				1440	1	9	X	1	7	2					GW	X	X	X	X	X	X			X
6	RW-2				1535	1	9	X	1	7	2					GW	X	X	X	X	X	X			X

Special Instructions:
BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
	6-21-24	0838			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				6-22-24	7:53

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: 6.0 °C
Adjusted: °C Factor NCF 13

Received by OCD: 11/6/2025 3:23:03 PM

Released to Imaging: 11/10/2025 11:04:12 AM

Released to Imaging: 11/10/2025 11:04:12 AM
Received by OCD: 11/6/2025 3:23:03 PM

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:** X Standard ☐ TRRP ☐ NPDES

Sampler Signature: N/A — e-mail: brentbarron@pbelab.com

ORDER #: :

LAB # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	NaOH/Zn	NONE 500ML POLY 250 MIL POLY 500 ML WM AMBER GLASS	NONE	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: RSK SOP-175	TOC-415.1	Mn DISS ICP M5 6020A	Fe DISS ICPMS 6020A										24 HOUR RUSH	STANDARD
	4F21001-01			6/20/2024	10:30	Y	5	X	X	X	X					W	X	X	X	X											X
	4F21001-02			6/20/2024	10:25	Y	5	X	X	X	X					W	X	X	X	X											X
	4F21001-03			6/20/2024	12:38	Y	5	X	X	X	X					W	X	X	X	X											X
	4F21001-04			6/20/2024	13:31	Y	5	X	X	X	X					W	X	X	X	X											X
	4F21001-05			6/20/2024	14:40	Y	5	X	X	X	X					W	X	X	X	X											X
	4F21001-06			6/20/2024	15:35	Y	5	X	X	X	X					W	X	X	X	X											X

3

BRENT BARRON	6/24/2024	5:00 PM	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

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

PBELAB

Analytical Report

Prepared for:

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

Project: 97-18
Project Number: TNM 97-18
Location: Lea County, NM

Lab Order Number: 4F27007

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 07/02/24

TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-23	4F27007-01	Water	06/19/24 18:01	06-27-2024 08:30
MW-26	4F27007-02	Water	06/20/24 10:21	06-27-2024 08:30
MW-25	4F27007-03	Water	06/20/24 10:54	06-27-2024 08:30
MW-3	4F27007-04	Water	06/20/24 11:22	06-27-2024 08:30
MW-10	4F27007-05	Water	06/20/24 11:47	06-27-2024 08:30
MW-18	4F27007-06	Water	06/20/24 12:15	06-27-2024 08:30
RW-1	4F27007-07	Water	06/20/24 12:47	06-27-2024 08:30
MW-17	4F27007-08	Water	06/20/24 13:22	06-27-2024 08:30
MW-30	4F27007-09	Water	06/19/24 16:42	06-27-2024 08:30
MW-27	4F27007-10	Water	06/19/24 17:08	06-27-2024 08:30
MW-20	4F27007-11	Water	06/19/24 17:35	06-27-2024 08:30

TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-23

4F27007-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00103**	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 16:45	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 16:45	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 16:45	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 16:45	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 16:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*80.7 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 16:45*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*111 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 16:45*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-26

4F27007-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 17:07	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 17:07	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 17:07	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 17:07	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 17:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*79.9 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 17:07*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*109 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 17:07*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-25

4F27007-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00798**	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 17:29	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 17:29	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 17:29	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 17:29	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 17:29	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*79.4 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 17:29*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*110 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 17:29*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-3

4F27007-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.144**	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 17:52	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 17:52	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 17:52	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 17:52	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 17:52	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*78.1 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 17:52*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*112 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 17:52*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-10

4F27007-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.241**	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 18:14	EPA 8021B	
Toluene	**0.00534**	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 18:14	EPA 8021B	
Ethylbenzene	**0.00502**	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 18:14	EPA 8021B	
Xylene (p/m)	**0.00441**	0.00200	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 18:14	EPA 8021B	
Xylene (o)	**0.00497**	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 18:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*78.6 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 18:14*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 18:14*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-18

4F27007-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.978**	0.00500	mg/L	5	P4F2809	06/28/24 14:51	07/01/24 12:01	EPA 8021B	
Toluene	**0.00211**	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 18:36	EPA 8021B	
Ethylbenzene	**0.00401**	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 18:36	EPA 8021B	
Xylene (p/m)	**0.0675**	0.00200	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 18:36	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 18:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*75.8 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 18:36*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*108 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 18:36*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

RW-1

4F27007-07 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**1.11**	0.00500	mg/L	5	P4F2809	06/28/24 14:51	07/01/24 12:23	EPA 8021B	
Toluene	**0.00377**	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 19:43	EPA 8021B	
Ethylbenzene	**0.0880**	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 19:43	EPA 8021B	
Xylene (p/m)	**0.160**	0.00200	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 19:43	EPA 8021B	
Xylene (o)	**0.0717**	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 19:43	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*79.3 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 19:43*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*110 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 19:43*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-17

4F27007-08 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**1.73**	0.00500	mg/L	5	P4F2809	06/28/24 14:51	07/01/24 12:45	EPA 8021B	
Toluene	**0.00178**	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 20:05	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 20:05	EPA 8021B	
Xylene (p/m)	**0.133**	0.00200	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 20:05	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 20:05	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*73.3 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 20:05*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*110 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 20:05*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-30

4F27007-09 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00107**	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 20:27	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 20:27	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 20:27	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 20:27	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 20:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*79.2 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 20:27*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*110 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 20:27*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-27

4F27007-10 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 20:49	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 20:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 20:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 20:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 20:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*78.2 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 20:49*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*109 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 20:49*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-20

4F27007-11 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 21:11	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 21:11	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 21:11	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 21:11	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2809	06/28/24 14:51	06/29/24 21:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*79.1 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 21:11*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*110 %*	*80-120*		*P4F2809*	*06/28/24 14:51*	*06/29/24 21:11*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4F2809 - * DEFAULT PREP *** **										
Blank (P4F2809-BLK1)				Prepared: 06/28/24 Analyzed: 06/29/24						
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	*0.0970*		*"*	*0.120*		*80.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.134*		*"*	*0.120*		*112*	*80-120*			
LCS (P4F2809-BS1)				Prepared: 06/28/24 Analyzed: 06/29/24						
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)	0.225	0.00200	"	0.200		113	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0998*		*"*	*0.120*		*83.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.137*		*"*	*0.120*		*114*	*80-120*			
LCS Dup (P4F2809-BSD1)				Prepared: 06/28/24 Analyzed: 06/29/24						
Benzene	0.120	0.00100	mg/L	0.100		120	80-120	0.527	20	
Toluene	0.111	0.00100	"	0.100		111	80-120	0.189	20	
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120	0.301	20	
Xylene (p/m)	0.226	0.00200	"	0.200		113	80-120	0.408	20	
Xylene (o)	0.102	0.00100	"	0.100		102	80-120	0.650	20	
Surrogate: 4-Bromofluorobenzene	*0.0978*		*"*	*0.120*		*81.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.134*		*"*	*0.120*		*112*	*80-120*			
Calibration Blank (P4F2809-CCB1)				Prepared: 06/28/24 Analyzed: 06/29/24						
Benzene	0.170		ug/l							
Toluene	0.410		"							
Ethylbenzene	0.280		"							
Xylene (p/m)	0.460		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0962*		*"*	*0.120*		*80.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*80-120*			

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4F2809 - * DEFAULT PREP *** **										
Calibration Blank (P4F2809-CCB2)				Prepared: 06/28/24 Analyzed: 06/29/24						
Benzene	0.300		ug/l							
Toluene	0.230		"							
Ethylbenzene	0.230		"							
Xylene (p/m)	0.400		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0951*		*"*	*0.120*		*79.2*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.130*		*"*	*0.120*		*108*	*80-120*			
Calibration Check (P4F2809-CCV1)				Prepared: 06/28/24 Analyzed: 06/29/24						
Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0987*		*"*	*0.120*		*82.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.136*		*"*	*0.120*		*114*	*80-120*			
Calibration Check (P4F2809-CCV2)				Prepared: 06/28/24 Analyzed: 06/29/24						
Benzene	0.117	0.00100	mg/L	0.100		117	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		106	80-120			
Xylene (o)	0.0968	0.00100	"	0.100		96.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0975*		*"*	*0.120*		*81.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.136*		*"*	*0.120*		*113*	*80-120*			
Calibration Check (P4F2809-CCV3)				Prepared: 06/28/24 Analyzed: 06/30/24						
Benzene	0.118	0.00100	mg/L	0.100		118	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120			
Xylene (o)	0.0993	0.00100	"	0.100		99.3	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0951*		*"*	*0.120*		*79.2*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.134*		*"*	*0.120*		*112*	*80-120*			

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4F2809 - * DEFAULT PREP *** **										
Matrix Spike (P4F2809-MS1)	**Source: 4F27006-02**			Prepared: 06/28/24 Analyzed: 06/29/24						
Benzene	0.127	0.00100	mg/L	0.100	ND	127	80-120			QM-05
Toluene	0.115	0.00100	"	0.100	ND	115	80-120			
Ethylbenzene	0.122	0.00100	"	0.100	ND	122	80-120			QM-05
Xylene (p/m)	0.232	0.00200	"	0.200	ND	116	80-120			
Xylene (o)	0.105	0.00100	"	0.100	ND	105	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0962*		*"*	*0.120*		*80.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.135*		*"*	*0.120*		*113*	*80-120*			
Matrix Spike Dup (P4F2809-MSD1)	**Source: 4F27006-02**			Prepared: 06/28/24 Analyzed: 06/29/24						
Benzene	0.123	0.00100	mg/L	0.100	ND	123	80-120	3.50	20	QM-05
Toluene	0.111	0.00100	"	0.100	ND	111	80-120	3.76	20	
Ethylbenzene	0.118	0.00100	"	0.100	ND	118	80-120	3.71	20	
Xylene (p/m)	0.226	0.00200	"	0.200	ND	113	80-120	2.76	20	
Xylene (o)	0.101	0.00100	"	0.100	ND	101	80-120	3.57	20	
Surrogate: 4-Bromofluorobenzene	*0.0988*		*"*	*0.120*		*82.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.136*		*"*	*0.120*		*114*	*80-120*			

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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: Brent Barron Date: 7/2/2024

Brent Barron, Laboratory Director/Technical Director

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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

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

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PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager: Jonathan Repman

Company Name: TRC Environmental Corporation

Company Address: 10 Desta Drive, Ste 130E

City/State/Zip: Midland TX 79705

Telephone No: (432) 955-3561 Fax No:

Sampler Signature:

e-mail: jrepman@trccompanies.com, cjbryant@paalp.com, khudgens@paalp.com, bokator@trccompanies.com

Project Name: 97-18

Project #: SRS: TNM 97-18

Project Loc: Lea County, NM

PO #:

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

(lab use only)
ORDER #: 4F27007

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate bvy E300	COD by SM 5310	Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-23			6-19-24	1801	1	3	X		3						GW						X		X
2	MW-26			6-20-24	1021	1	3	X		3						GW						X		X
3	MW-25				1054	1	3	X		3						GW						X		X
4	MW-3				1122	1	3	X		3						GW						X		X
5	MW-10				1147	1	3	X		3						GW						X		X
6	MW-18				1215	1	3	X		3						GW						X		X
7	RW-1				1247	1	3	X		3						GW						X		X
8	MW-17				1322	1	3	X		3						GW						X		X
	MW-5				—	1	3	X		3						GW						X		X

Special Instructions:
BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	6-27-24	0830			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
			Tasha Belcher	6/27/24	8:30

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: 4.0 °C Factor NC 3

Received by OCD: 11/6/2025 3:23:03 PM

Released to Imaging: 11/10/2025 11:04:12 AM

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PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jonathan Repman
Company Name: TRC Environmental Corporation
Company Address: 10 Desta Drive, Ste 130E
City/State/Zip: Midland TX 79705
Telephone No: (432) 955-3561 Fax No:
Sampler Signature:
e-mail: jrepman@trccompanies.com, cjbryant@paalp.com, khudgens@paalp.com, bokator@trccompanies.com

Project Name: 97-18
Project #: SRS: TNM 97-18
Project Loc: Lea County, NM
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: HF27007

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate bvy E300	COD by SM 5310	Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
	MW-7				—	1	3	X		3						GW						X		X
9	MW-30			6-19-24	1642	1	3	X		3						GW						X		X
10	MW-27			↓	1708	1	3	X		3						GW						X		X
11	MW-20				1735	1	3	X		3						GW						X		X

Special Instructions:
BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	6-27-24	0830			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	6/27/24	8:30

Laboratory Comments:

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

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 4.0 °C
Adjusted: °C Factor NCF 0.3

Received by OCD: 11/6/2025 3:23:03 PM
Released to Imaging: 11/10/2025 11:04:12 AM

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

PBELAB

Analytical Report

Prepared for:

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

Project: 97-18_MNA
Project Number: TNM 97-18
Location: LEA COUNTY, NM

Lab Order Number: 4I12012

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 10/04/24

TRC Solutions- Midland, Texas	Project:	97-18_MNA
10 Desta Dr STE 150E	Project Number:	TNM 97-18
Midland TX, 79705	Project Manager:	Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	4I12012-01	Water	09/11/24 10:47	09-12-2024 08:57
MW-2	4I12012-02	Water	09/11/24 13:25	09-12-2024 08:57
MW-4	4I12012-03	Water	09/11/24 14:55	09-12-2024 08:57
MW-6	4I12012-04	Water	09/11/24 12:10	09-12-2024 08:57
MW-24	4I12012-05	Water	09/11/24 16:20	09-12-2024 08:57
RW-2	4I12012-06	Water	09/11/24 18:03	09-12-2024 08:57

TOC, RSK-175, Dissolved Fe and Mn 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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-1

4I12012-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Ethane	ND	0.00100	mg/L	1	P4I2404	09/16/24 09:00	09/17/24 09:23	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4I2404	09/16/24 09:00	09/17/24 09:23	8015M	SUB-13
Methane	**0.00120**	0.000500	mg/L	1	P4I2404	09/16/24 09:00	09/17/24 09:23	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**170**	2.00	mg/L	1	P4I3015	09/30/24 10:09	10/01/24 12:16	8000	
Nitrate as N	**9.68**	2.00	mg/L	10	P4I1213	09/12/24 13:14	09/12/24 16:42	EPA 300.0	
Sulfate	**4400**	100	mg/L	100	P4I1214	09/12/24 13:15	09/12/24 21:41	EPA 300.0	
Total Organic Carbon	**18.4**	10.0	mg/L	1	P4I2404	09/16/24 12:28	09/16/24 12:28	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.400	mg/L	1	P4I2404	09/17/24 10:00	09/18/24 22:51	EPA 6020A	SUB-13
Manganese	**0.0333**	0.0100	mg/L	1	P4I2404	09/17/24 10:00	09/18/24 22:51	EPA 6020A	SUB-13
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.00500	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 01:34	EPA 8260B	SUB-13
Toluene	ND	0.00500	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 01:34	EPA 8260B	SUB-13
Ethylbenzene	ND	0.00500	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 01:34	EPA 8260B	SUB-13
Xylene (p/m)	ND	0.0100	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 01:34	EPA 8260B	SUB-13
Xylene (o)	ND	0.00500	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 01:34	EPA 8260B	SUB-13
Xylenes, total (v/v)	ND	0.0150	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 01:34	EPA 8260B	SUB-13

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-2

4I12012-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Ethane	ND	0.00100	mg/L	1	P4I2404	09/16/24 09:00	09/17/24 09:31	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4I2404	09/16/24 09:00	09/17/24 09:31	8015M	SUB-13
Methane	**0.0125**	0.000500	mg/L	1	P4I2404	09/16/24 09:00	09/17/24 09:31	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**138**	2.00	mg/L	1	P4I0603	09/18/24 09:50	09/18/24 09:50	8000	
Nitrate as N	**8.96**	2.00	mg/L	10	P4I1213	09/12/24 13:14	09/12/24 17:46	EPA 300.0	
Sulfate	**2700**	100	mg/L	100	P4I1214	09/12/24 13:15	09/12/24 22:45	EPA 300.0	
Total Organic Carbon	**11.9**	5.00	mg/L	1	P4I2404	09/17/24 10:00	09/18/24 11:29	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.400	mg/L	1	P4I2404	09/17/24 10:00	09/18/24 22:26	EPA 6020A	SUB-13
Manganese	**0.0353**	0.0100	mg/L	1	P4I2404	09/17/24 10:00	09/18/24 22:26	EPA 6020A	SUB-13
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.00500	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 01:56	EPA 8260B	SUB-13
Toluene	ND	0.00500	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 01:56	EPA 8260B	SUB-13
Ethylbenzene	ND	0.00500	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 01:56	EPA 8260B	SUB-13
Xylene (p/m)	ND	0.0100	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 01:56	EPA 8260B	SUB-13
Xylene (o)	ND	0.00500	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 01:56	EPA 8260B	SUB-13
Xylenes, total (v/v)	ND	0.0150	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 01:56	EPA 8260B	SUB-13

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-4

4I12012-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Ethane	**0.00308**	0.00100	mg/L	1	P4I2404	09/16/24 09:00	09/17/24 09:40	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4I2404	09/16/24 09:00	09/17/24 09:40	8015M	SUB-13
Methane	**0.555**	0.0100	mg/L	1	P4I2404	09/16/24 09:00	09/17/24 11:36	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**430**	2.00	mg/L	1	P4I0603	09/18/24 09:50	09/18/24 09:50	8000	
Nitrate as N	**4.52**	1.00	mg/L	5	P4I1213	09/12/24 13:14	09/12/24 18:07	EPA 300.0	
Sulfate	**1050**	50.0	mg/L	50	P4I1214	09/12/24 13:15	09/12/24 23:06	EPA 300.0	
Total Organic Carbon	**99.8**	10.0	mg/L	1	P4I2404	09/16/24 10:00	09/16/24 13:23	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.400	mg/L	1	P4I2404	09/17/24 10:00	09/18/24 22:53	EPA 6020A	SUB-13
Manganese	**0.0183**	0.0100	mg/L	1	P4I2404	09/17/24 10:00	09/18/24 22:53	EPA 6020A	SUB-13
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**1.90**	0.0500	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 15:38	EPA 8260B	SUB-13
Toluene	ND	0.0500	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 15:38	EPA 8260B	SUB-13
Ethylbenzene	ND	0.0500	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 15:38	EPA 8260B	SUB-13
Xylene (p/m)	ND	0.100	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 15:38	EPA 8260B	SUB-13
Xylene (o)	ND	0.0500	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 15:38	EPA 8260B	SUB-13
Xylenes, total (v/v)	ND	0.150	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 15:38	EPA 8260B	SUB-13

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-6

4I12012-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Ethane	ND	0.00100	mg/L	1	P4I2404	09/16/24 09:00	09/17/24 09:48	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4I2404	09/16/24 09:00	09/17/24 09:48	8015M	SUB-13
Methane	**0.00590**	0.000500	mg/L	1	P4I2404	09/16/24 09:00	09/17/24 09:48	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**2040**	8.00	mg/L	1	P4I0603	09/18/24 09:50	09/18/24 09:50	8000	
Nitrate as N	**8.95**	2.00	mg/L	10	P4I1213	09/12/24 13:14	09/12/24 18:28	EPA 300.0	
Sulfate	**4400**	100	mg/L	100	P4I1214	09/12/24 13:15	09/12/24 23:28	EPA 300.0	
Total Organic Carbon	**23.3**	20.0	mg/L	1	P4I2404	09/16/24 10:00	09/16/24 13:43	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.400	mg/L	1	P4I2404	09/17/24 10:00	09/18/24 22:56	EPA 6020A	SUB-13
Manganese	**0.0273**	0.0100	mg/L	1	P4I2404	09/17/24 10:00	09/18/24 22:56	EPA 6020A	SUB-13
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**0.0230**	0.00500	mg/L	1	P4I2404	09/16/24 00:00	09/17/24 02:41	EPA 8260B	SUB-13
Toluene	ND	0.00500	mg/L	1	P4I2404	09/16/24 00:00	09/17/24 02:41	EPA 8260B	SUB-13
Ethylbenzene	ND	0.00500	mg/L	1	P4I2404	09/16/24 00:00	09/17/24 02:41	EPA 8260B	SUB-13
Xylene (p/m)	ND	0.0100	mg/L	1	P4I2404	09/16/24 00:00	09/17/24 02:41	EPA 8260B	SUB-13
Xylene (o)	ND	0.00500	mg/L	1	P4I2404	09/16/24 00:00	09/17/24 02:41	EPA 8260B	SUB-13
Xylenes, total (v/v)	ND	0.0150	mg/L	1	P4I2404	09/16/24 00:00	09/17/24 02:41	EPA 8260B	SUB-13

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-24

4I12012-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Ethane	**0.0100**	0.00100	mg/L	1	P4I2404	09/16/24 09:00	09/17/24 09:57	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4I2404	09/16/24 09:00	09/17/24 09:57	8015M	SUB-13
Methane	**0.797**	0.0250	mg/L	1	P4I2404	09/16/24 09:00	09/17/24 11:44	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**554**	2.00	mg/L	1	P4I0603	09/18/24 09:50	09/18/24 09:50	8000	
Nitrate as N	**4.53**	1.00	mg/L	5	P4I1213	09/12/24 13:14	09/12/24 18:50	EPA 300.0	
Sulfate	**621**	50.0	mg/L	50	P4I1214	09/12/24 13:15	09/12/24 23:49	EPA 300.0	
Total Organic Carbon	**101**	10.0	mg/L	1	P4I2404	09/17/24 10:00	09/17/24 16:46	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4I2404	09/17/24 10:00	09/19/24 11:53	EPA 6020A	SUB-13
Manganese	ND	0.00500	mg/L	1	P4I2404	09/17/24 10:00	09/19/24 11:53	EPA 6020A	SUB-13
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**6.50**	0.250	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 17:53	EPA 8260B	SUB-13
Toluene	ND	0.250	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 17:53	EPA 8260B	SUB-13
Ethylbenzene	**0.340**	0.250	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 17:53	EPA 8260B	SUB-13
Xylene (p/m)	ND	0.500	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 17:53	EPA 8260B	SUB-13
Xylene (o)	ND	0.250	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 17:53	EPA 8260B	SUB-13
Xylenes, total (v/v)	ND	0.750	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 17:53	EPA 8260B	SUB-13

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

RW-2

4I12012-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Ethane	ND	0.00100	mg/L	1	P4I2404	09/16/24 09:00	09/17/24 10:05	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4I2404	09/16/24 09:00	09/17/24 10:05	8015M	SUB-13
Methane	**0.235**	0.00500	mg/L	1	P4I2404	09/16/24 09:00	09/17/24 11:53	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**373**	2.00	mg/L	1	P4I0603	09/18/24 09:50	09/18/24 09:50	8000	
Nitrate as N	**8.97**	2.00	mg/L	10	P4I1213	09/12/24 13:14	09/12/24 19:11	EPA 300.0	
Sulfate	**2060**	100	mg/L	100	P4I1214	09/12/24 13:15	09/13/24 00:11	EPA 300.0	
Total Organic Carbon	**40.8**	10.0	mg/L	1	P4I2404	09/17/24 10:00	09/17/24 19:02	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.400	mg/L	1	P4I2404	09/17/24 10:00	09/18/24 23:01	EPA 6020A	SUB-13
Manganese	**0.0227**	0.0100	mg/L	1	P4I2404	09/17/24 10:00	09/18/24 23:01	EPA 6020A	SUB-13
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**0.360**	0.0250	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 03:27	EPA 8260B	SUB-13
Toluene	ND	0.0250	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 03:27	EPA 8260B	SUB-13
Ethylbenzene	**0.0560**	0.0250	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 03:27	EPA 8260B	SUB-13
Xylene (p/m)	ND	0.0500	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 03:27	EPA 8260B	SUB-13
Xylene (o)	ND	0.0250	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 03:27	EPA 8260B	SUB-13
Xylenes, total (v/v)	ND	0.0750	mg/L	1	P4I2404	09/17/24 00:00	09/17/24 03:27	EPA 8260B	SUB-13

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4I0603 - * DEFAULT PREP *** **										
Blank (P4I0603-BLK1)				Prepared & Analyzed: 09/18/24						
Chemical Oxygen Demand	ND	2.00	mg/L							
LCS (P4I0603-BS1)				Prepared & Analyzed: 09/18/24						
Chemical Oxygen Demand	1060	2.00	mg/L	1000		106	80-120			
LCS Dup (P4I0603-BSD1)				Prepared & Analyzed: 09/18/24						
Chemical Oxygen Demand	1100	2.00	mg/L	1000		110	80-120	3.62	20	
Duplicate (P4I0603-DUP1)		**Source: 4I06003-04**		Prepared & Analyzed: 09/18/24						
Chemical Oxygen Demand	179	2.00	mg/L		178			0.560	20	
Matrix Spike (P4I0603-MS1)		**Source: 4I06003-04**		Prepared & Analyzed: 09/18/24						
Chemical Oxygen Demand	903	2.00	mg/L	1000	178	72.5	80-120			PS-1, QM-05
Matrix Spike Dup (P4I0603-MSD1)		**Source: 4I06003-04**		Prepared & Analyzed: 09/18/24						
Chemical Oxygen Demand	908	2.00	mg/L	1000	178	73.0	80-120	0.552	20	PS-1, QM-05
Batch P4I1213 - * DEFAULT PREP *** **										
Blank (P4I1213-BLK1)				Prepared & Analyzed: 09/12/24						
Nitrate as N	ND	0.200	mg/L							
LCS (P4I1213-BS1)				Prepared & Analyzed: 09/12/24						
Nitrate as N	10.3		mg/L	10.0		103	90-110			
Calibration Check (P4I1213-CCV1)				Prepared & Analyzed: 09/12/24						
Nitrate as N	10.2		mg/L	10.0		102	90-110			

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4I1213 - * DEFAULT PREP *** **										
Calibration Check (P4I1213-CCV2)				Prepared & Analyzed: 09/12/24						
Nitrate as N	10.4		mg/L	10.0		104	90-110			
Matrix Spike (P4I1213-MS1)		Source: 4I12012-01		Prepared & Analyzed: 09/12/24						
Nitrate as N	102	2.00	mg/L		9.68		80-120			
Matrix Spike Dup (P4I1213-MSD1)		Source: 4I12012-01		Prepared & Analyzed: 09/12/24						
Nitrate as N	102	2.00	mg/L		9.68		80-120	0.0879	20	
Batch P4I1214 - * DEFAULT PREP *** **										
Blank (P4I1214-BLK1)				Prepared & Analyzed: 09/12/24						
Sulfate	ND	1.00	mg/L							
LCS (P4I1214-BS1)				Prepared & Analyzed: 09/12/24						
Sulfate	51.7		mg/L	50.0		103	90-110			
LCS Dup (P4I1214-BSD1)				Prepared & Analyzed: 09/12/24						
Sulfate	51.5		mg/L	50.0		103	90-110	0.215	10	
Calibration Check (P4I1214-CCV1)				Prepared & Analyzed: 09/12/24						
Sulfate	18.7		mg/L	20.0		93.3	90-110			
Calibration Check (P4I1214-CCV2)				Prepared: 09/12/24 Analyzed: 09/13/24						
Sulfate	18.8		mg/L	20.0		93.8	90-110			
Matrix Spike (P4I1214-MS1)		Source: 4I12012-01		Prepared & Analyzed: 09/12/24						
Sulfate	13900	100	mg/L		4400		80-120			

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4I1214 - * DEFAULT PREP *** **										
Matrix Spike Dup (P4I1214-MSD1)		**Source: 4I12012-01**		Prepared & Analyzed: 09/12/24						
Sulfate	13900	100	mg/L		4400		80-120	0.105	20	
Batch P4I3015 - * DEFAULT PREP *** **										
Blank (P4I3015-BLK1)				Prepared & Analyzed: 10/01/24						
Chemical Oxygen Demand	ND	2.00	mg/L							
LCS (P4I3015-BS1)				Prepared & Analyzed: 10/01/24						
Chemical Oxygen Demand	94.0	2.00	mg/L	100		94.0	80-120			
LCS Dup (P4I3015-BSD1)				Prepared & Analyzed: 10/01/24						
Chemical Oxygen Demand	95.0	2.00	mg/L	100		95.0	80-120	1.06	20	

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

Notes and Definitions

SUB-13	Subcontract of analyte/analysis to ALS Houston.
ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
PS-1	Matix spike recoveries were outside method and/or historical control limits due to matrix interference. Interference was confirmed by similar results from a post matrix spike.
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: Brent Barron Date: 10/4/2024

Brent Barron, Laboratory Director/Technical Director

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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

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

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: John Repman
Company Name: TRC Environmental Corperation
Company Address: 10 Desta Dr. Suite 410 E.
City/State/Zip: Midland Tx 79705
Telephone No: (432)-520-7720 **Fax No:**
Sampler Signature:

Project Name: TNM 97-18
Project #: TNM 97-18
Project Loc:
PO #:
Report Format: ☐ Standard ☐ TRRP ☐ NPDES
e-mail:

(lab use only)
ORDER #: 4I12012

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: 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 SM5310	Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-1			9-11-24	1047		9	X	1	6	2					GW	x	x	x	x	x	x		
2	MW-2				1325		9	X	1	6	2					GW	x	x	x	x	x	x		
3	MW-4				1455		9	X	1	6	2					GW	x	x	x	x	x	x		
4	MW-6				1210		9	X	1	6	2					GW	x	x	x	x	x	x		
5	MW-24				1620		9	X	1	6	2					GW	x	x	x	x	x	x		
6	RW-2				1803		9	X	1	6	2					GW	x	x	x	x	x	x		

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	9-12-24	0838			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	9-12-24	8:57

Laboratory Comments:

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

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 4.2 °C Thermometor: NF3
Adjusted: °C Factor:

Received by OCD: 11/6/2025 3:23:03 PM

Released to Imaging: 11/10/2025 11:04:12 AM

Released to Imaging: 11/10/2025 11:04:12 AM
Received by OCD: 11/6/2025 3:23:03 PM

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:** X Standard ☐ TRRP ☐ NPDES

Sampler Signature: N/A — e-mail: brentbarron@pbelab.com

ORDER #: :

LAB # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	NaOH/Zn	NONE 500ML POLY 250 MIL POLY 500 ML WM AMBER GLASS	NONE	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: RSK SOP-175	TOC-415.1	Mn DISS ICP 6010B	Fe DISS ICP 6010B	8260B BTEX	24 HOUR RUSH	STANDARD
	4I12012-01			9/11/2024	10:47	Y	8	X	X	X	X					W	X	X	X	X	X		X
	4I12012-02			9/11/2024	13:25	Y	8	X	X	X	X					W	X	X	X	X	X		X
	4I12012-03			9/11/2024	14:55	Y	8	X	X	X	X					W	X	X	X	X	X		X
	4I12012-04			9/11/2024	12:10	Y	8	X	X	X	X					W	X	X	X	X	X		X
	4I12012-05			9/11/2024	16:20	Y	8	X	X	X	X					W	X	X	X	X	X		X
	4I12012-06			9/11/2024	18:03	Y	8	X	X	X	X					W	X	X	X	X	X		X

1

BRENT BARRON	9/12/2024	5:00 PM	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

Page 413 of 555

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

September 19, 2024

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

Work Order: **HS24090699**

Laboratory Results for: **4l12012**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Sep 13, 2024 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: 19-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
Work Order: HS24090699

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24090699-01	4I12012-01	Water		11-Sep-2024 10:47	13-Sep-2024 09:35	☐
HS24090699-02	4I12012-02	Water		11-Sep-2024 13:25	13-Sep-2024 09:35	☐
HS24090699-03	4I12012-03	Water		11-Sep-2024 14:55	13-Sep-2024 09:35	☐
HS24090699-04	4I12012-04	Water		11-Sep-2024 12:10	13-Sep-2024 09:35	☐
HS24090699-05	4I12012-05	Water		11-Sep-2024 16:20	13-Sep-2024 09:35	☐
HS24090699-06	4I12012-06	Water		11-Sep-2024 18:03	13-Sep-2024 09:35	☐

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 19-Sep-24

Client: Permian Basin Environmental Lab, LP **CASE NARRATIVE**
Project: 4I12012
Work Order: HS24090699

GC Semivolatiles by Method RSK-175

Batch ID: R477305

Sample ID: HS24090669-01MS

- MS and MSD are for an unrelated sample

GCMS Volatiles by Method SW8260

Batch ID: R477413

Sample ID: VLCSW-240917

- Insufficient sample received to perform MS/MSD. An LCS/LCSD was performed as batch quality control.

Batch ID: R477382

Sample ID: VLCSW-240916

- Insufficient sample received to perform MS/MSD. An LCS/LCSD was performed as batch quality control.

Metals by Method SW6020A

Batch ID: 217723

Sample ID: 4I12012-01 (HS24090699-01)

- The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes

Sample ID: 4I12012-02 (HS24090699-02)

- The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes

Sample ID: 4I12012-03 (HS24090699-03)

- The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes

Sample ID: 4I12012-04 (HS24090699-04)

- The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes

Sample ID: 4I12012-06 (HS24090699-06)

- The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes

WetChemistry by Method E415.1

Batch ID: R477314,R477432,R477520

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 19-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
Sample ID: 4I12012-01
Collection Date: 11-Sep-2024 10:47

ANALYTICAL REPORT
WorkOrder:HS24090699
Lab ID:HS24090699-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES - SW8260C		**Method:SW8260**				Analyst: TS
Benzene	ND		0.0050	mg/L	1	17-Sep-2024 01:34
Ethylbenzene	ND		0.0050	mg/L	1	17-Sep-2024 01:34
m,p-Xylene	ND		0.010	mg/L	1	17-Sep-2024 01:34
o-Xylene	ND		0.0050	mg/L	1	17-Sep-2024 01:34
Toluene	ND		0.0050	mg/L	1	17-Sep-2024 01:34
Xylenes, Total	ND		0.015	mg/L	1	17-Sep-2024 01:34
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*1*	*17-Sep-2024 01:34*
Surr: 4-Bromofluorobenzene	*99.9*		*82-124*	*%REC*	*1*	*17-Sep-2024 01:34*
Surr: Dibromofluoromethane	*98.7*		*77-123*	*%REC*	*1*	*17-Sep-2024 01:34*
Surr: Toluene-d8	*101*		*82-127*	*%REC*	*1*	*17-Sep-2024 01:34*
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	17-Sep-2024 09:23
Ethene	ND		1.00	ug/L	1	17-Sep-2024 09:23
Methane	**1.20**		**0.500**	**ug/L**	1	17-Sep-2024 09:23
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 18-Sep-2024		Analyst: MSC
Iron	ND		0.400	mg/L	2	18-Sep-2024 22:51
Manganese	**0.0333**		**0.0100**	**mg/L**	2	18-Sep-2024 22:51
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: DH
Organic Carbon, Total	**18.4**		**10.0**	**mg/L**	10	16-Sep-2024 12:28

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 19-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
Sample ID: 4I12012-02
Collection Date: 11-Sep-2024 13:25

ANALYTICAL REPORT
WorkOrder:HS24090699
Lab ID:HS24090699-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES - SW8260C		**Method:SW8260**				Analyst: TS
Benzene	ND		0.0050	mg/L	1	17-Sep-2024 01:56
Ethylbenzene	ND		0.0050	mg/L	1	17-Sep-2024 01:56
m,p-Xylene	ND		0.010	mg/L	1	17-Sep-2024 01:56
o-Xylene	ND		0.0050	mg/L	1	17-Sep-2024 01:56
Toluene	ND		0.0050	mg/L	1	17-Sep-2024 01:56
Xylenes, Total	ND		0.015	mg/L	1	17-Sep-2024 01:56
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*1*	*17-Sep-2024 01:56*
Surr: 4-Bromofluorobenzene	*99.2*		*82-124*	*%REC*	*1*	*17-Sep-2024 01:56*
Surr: Dibromofluoromethane	*98.2*		*77-123*	*%REC*	*1*	*17-Sep-2024 01:56*
Surr: Toluene-d8	*101*		*82-127*	*%REC*	*1*	*17-Sep-2024 01:56*
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	17-Sep-2024 09:31
Ethene	ND		1.00	ug/L	1	17-Sep-2024 09:31
Methane	**12.5**		**0.500**	**ug/L**	1	17-Sep-2024 09:31
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 18-Sep-2024		Analyst: MSC
Iron	ND		0.400	mg/L	2	18-Sep-2024 22:26
Manganese	**0.0353**		**0.0100**	**mg/L**	2	18-Sep-2024 22:26
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: DH
Organic Carbon, Total	**11.9**		**5.00**	**mg/L**	5	18-Sep-2024 11:29

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 19-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
Sample ID: 4I12012-03
Collection Date: 11-Sep-2024 14:55

ANALYTICAL REPORT
WorkOrder:HS24090699
Lab ID:HS24090699-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES - SW8260C		**Method:SW8260**				Analyst: TS
Benzene	**1.9**		**0.050**	**mg/L**	10	17-Sep-2024 15:38
Ethylbenzene	ND		0.050	mg/L	10	17-Sep-2024 15:38
m,p-Xylene	ND		0.10	mg/L	10	17-Sep-2024 15:38
o-Xylene	ND		0.050	mg/L	10	17-Sep-2024 15:38
Toluene	ND		0.050	mg/L	10	17-Sep-2024 15:38
Xylenes, Total	ND		0.15	mg/L	10	17-Sep-2024 15:38
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*10*	*17-Sep-2024 15:38*
Surr: 4-Bromofluorobenzene	*98.6*		*82-124*	*%REC*	*10*	*17-Sep-2024 15:38*
Surr: Dibromofluoromethane	*97.2*		*77-123*	*%REC*	*10*	*17-Sep-2024 15:38*
Surr: Toluene-d8	*99.0*		*82-127*	*%REC*	*10*	*17-Sep-2024 15:38*
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	**3.08**		**1.00**	**ug/L**	1	17-Sep-2024 09:40
Ethene	ND		1.00	ug/L	1	17-Sep-2024 09:40
Methane	**555**		**10.0**	**ug/L**	20	17-Sep-2024 11:36
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 18-Sep-2024		Analyst: MSC
Iron	ND		0.400	mg/L	2	18-Sep-2024 22:53
Manganese	**0.0183**		**0.0100**	**mg/L**	2	18-Sep-2024 22:53
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: DH
Organic Carbon, Total	**99.8**		**10.0**	**mg/L**	10	16-Sep-2024 13:23

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 19-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
Sample ID: 4I12012-04
Collection Date: 11-Sep-2024 12:10

ANALYTICAL REPORT
WorkOrder:HS24090699
Lab ID:HS24090699-04
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES - SW8260C		**Method:SW8260**				Analyst: TS
Benzene	**0.023**		**0.0050**	**mg/L**	1	17-Sep-2024 02:41
Ethylbenzene	ND		0.0050	mg/L	1	17-Sep-2024 02:41
m,p-Xylene	ND		0.010	mg/L	1	17-Sep-2024 02:41
o-Xylene	ND		0.0050	mg/L	1	17-Sep-2024 02:41
Toluene	ND		0.0050	mg/L	1	17-Sep-2024 02:41
Xylenes, Total	ND		0.015	mg/L	1	17-Sep-2024 02:41
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*1*	*17-Sep-2024 02:41*
Surr: 4-Bromofluorobenzene	*101*		*82-124*	*%REC*	*1*	*17-Sep-2024 02:41*
Surr: Dibromofluoromethane	*97.1*		*77-123*	*%REC*	*1*	*17-Sep-2024 02:41*
Surr: Toluene-d8	*106*		*82-127*	*%REC*	*1*	*17-Sep-2024 02:41*
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	17-Sep-2024 09:48
Ethene	ND		1.00	ug/L	1	17-Sep-2024 09:48
Methane	**5.90**		**0.500**	**ug/L**	1	17-Sep-2024 09:48
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 18-Sep-2024		Analyst: MSC
Iron	ND		0.400	mg/L	2	18-Sep-2024 22:56
Manganese	**0.0273**		**0.0100**	**mg/L**	2	18-Sep-2024 22:56
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: DH
Organic Carbon, Total	**23.3**		**20.0**	**mg/L**	20	16-Sep-2024 13:43

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 19-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
Sample ID: 4I12012-05
Collection Date: 11-Sep-2024 16:20

ANALYTICAL REPORT
WorkOrder:HS24090699
Lab ID:HS24090699-05
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES - SW8260C		**Method:SW8260**				Analyst: TS
Benzene	**6.5**		**0.25**	**mg/L**	50	17-Sep-2024 17:53
Ethylbenzene	**0.34**		**0.25**	**mg/L**	50	17-Sep-2024 17:53
m,p-Xylene	ND		0.50	mg/L	50	17-Sep-2024 17:53
o-Xylene	ND		0.25	mg/L	50	17-Sep-2024 17:53
Toluene	ND		0.25	mg/L	50	17-Sep-2024 17:53
Xylenes, Total	ND		0.75	mg/L	50	17-Sep-2024 17:53
Surr: 1,2-Dichloroethane-d4	*105*		*70-126*	*%REC*	*50*	*17-Sep-2024 17:53*
Surr: 4-Bromofluorobenzene	*99.6*		*82-124*	*%REC*	*50*	*17-Sep-2024 17:53*
Surr: Dibromofluoromethane	*98.1*		*77-123*	*%REC*	*50*	*17-Sep-2024 17:53*
Surr: Toluene-d8	*101*		*82-127*	*%REC*	*50*	*17-Sep-2024 17:53*
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	**10.0**		**1.00**	**ug/L**	1	17-Sep-2024 09:57
Ethene	ND		1.00	ug/L	1	17-Sep-2024 09:57
Methane	**797**		**25.0**	**ug/L**	50	17-Sep-2024 11:44
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 18-Sep-2024		Analyst: MSC
Iron	ND		0.200	mg/L	1	19-Sep-2024 11:53
Manganese	ND		0.00500	mg/L	1	19-Sep-2024 11:53
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: DH
Organic Carbon, Total	**101**		**10.0**	**mg/L**	10	17-Sep-2024 16:46

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 19-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
Sample ID: 4I12012-06
Collection Date: 11-Sep-2024 18:03

ANALYTICAL REPORT
WorkOrder:HS24090699
Lab ID:HS24090699-06
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES - SW8260C		**Method:SW8260**				Analyst: TS
Benzene	**0.36**		**0.025**	**mg/L**	5	17-Sep-2024 03:27
Ethylbenzene	**0.056**		**0.025**	**mg/L**	5	17-Sep-2024 03:27
m,p-Xylene	ND		0.050	mg/L	5	17-Sep-2024 03:27
o-Xylene	ND		0.025	mg/L	5	17-Sep-2024 03:27
Toluene	ND		0.025	mg/L	5	17-Sep-2024 03:27
Xylenes, Total	ND		0.075	mg/L	5	17-Sep-2024 03:27
Surr: 1,2-Dichloroethane-d4	*103*		*70-126*	*%REC*	*5*	*17-Sep-2024 03:27*
Surr: 4-Bromofluorobenzene	*99.1*		*82-124*	*%REC*	*5*	*17-Sep-2024 03:27*
Surr: Dibromofluoromethane	*97.6*		*77-123*	*%REC*	*5*	*17-Sep-2024 03:27*
Surr: Toluene-d8	*100*		*82-127*	*%REC*	*5*	*17-Sep-2024 03:27*
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	17-Sep-2024 10:05
Ethene	ND		1.00	ug/L	1	17-Sep-2024 10:05
Methane	**235**		**5.00**	**ug/L**	10	17-Sep-2024 11:53
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 18-Sep-2024		Analyst: MSC
Iron	ND		0.400	mg/L	2	18-Sep-2024 23:01
Manganese	**0.0227**		**0.0100**	**mg/L**	2	18-Sep-2024 23:01
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: DH
Organic Carbon, Total	**40.8**		**10.0**	**mg/L**	10	17-Sep-2024 19:02

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US

Date: 19-Sep-24

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
WorkOrder: HS24090699

Batch ID: 217723 **Start Date:** 18 Sep 2024 15:00 **End Date:** 18 Sep 2024 15:00

Method: DISS METALS PREP - WATER - SW3010A **Prep Code:** 3010A DISS

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24090699-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24090699-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24090699-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24090699-04		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24090699-05		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24090699-06		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

RIGHT SOLUTIONS | RIGHT PARTNER

Released to Imaging: 11/10/2025 11:04:12 AM

ALS Houston, US Date: 19-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
WorkOrder: HS24090699

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 217723 (0)	**Test Name :** DISSOLVED METALS BY SW6020A				**Matrix:** Water	
HS24090699-01	4I12012-01	11 Sep 2024 10:47		18 Sep 2024 15:00	18 Sep 2024 22:51	2
HS24090699-02	4I12012-02	11 Sep 2024 13:25		18 Sep 2024 15:00	18 Sep 2024 22:26	2
HS24090699-03	4I12012-03	11 Sep 2024 14:55		18 Sep 2024 15:00	18 Sep 2024 22:53	2
HS24090699-04	4I12012-04	11 Sep 2024 12:10		18 Sep 2024 15:00	18 Sep 2024 22:56	2
HS24090699-05	4I12012-05	11 Sep 2024 16:20		18 Sep 2024 15:00	19 Sep 2024 11:53	1
HS24090699-06	4I12012-06	11 Sep 2024 18:03		18 Sep 2024 15:00	18 Sep 2024 23:01	2
Batch ID: R477305 (0)	**Test Name :** DISSOLVED GASES BY RSK-175				**Matrix:** Water	
HS24090699-01	4I12012-01	11 Sep 2024 10:47			17 Sep 2024 09:23	1
HS24090699-02	4I12012-02	11 Sep 2024 13:25			17 Sep 2024 09:31	1
HS24090699-03	4I12012-03	11 Sep 2024 14:55			17 Sep 2024 11:36	20
HS24090699-03	4I12012-03	11 Sep 2024 14:55			17 Sep 2024 09:40	1
HS24090699-04	4I12012-04	11 Sep 2024 12:10			17 Sep 2024 09:48	1
HS24090699-05	4I12012-05	11 Sep 2024 16:20			17 Sep 2024 11:44	50
HS24090699-05	4I12012-05	11 Sep 2024 16:20			17 Sep 2024 09:57	1
HS24090699-06	4I12012-06	11 Sep 2024 18:03			17 Sep 2024 11:53	10
HS24090699-06	4I12012-06	11 Sep 2024 18:03			17 Sep 2024 10:05	1
Batch ID: R477314 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS24090699-01	4I12012-01	11 Sep 2024 10:47			16 Sep 2024 12:28	10
HS24090699-03	4I12012-03	11 Sep 2024 14:55			16 Sep 2024 13:23	10
HS24090699-04	4I12012-04	11 Sep 2024 12:10			16 Sep 2024 13:43	20
Batch ID: R477382 (0)	**Test Name :** VOLATILES - SW8260C				**Matrix:** Water	
HS24090699-01	4I12012-01	11 Sep 2024 10:47			17 Sep 2024 01:34	1
HS24090699-02	4I12012-02	11 Sep 2024 13:25			17 Sep 2024 01:56	1
HS24090699-04	4I12012-04	11 Sep 2024 12:10			17 Sep 2024 02:41	1
HS24090699-06	4I12012-06	11 Sep 2024 18:03			17 Sep 2024 03:27	5
Batch ID: R477413 (0)	**Test Name :** VOLATILES - SW8260C				**Matrix:** Water	
HS24090699-03	4I12012-03	11 Sep 2024 14:55			17 Sep 2024 15:38	10
HS24090699-05	4I12012-05	11 Sep 2024 16:20			17 Sep 2024 17:53	50
Batch ID: R477432 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS24090699-05	4I12012-05	11 Sep 2024 16:20			17 Sep 2024 16:46	10
HS24090699-06	4I12012-06	11 Sep 2024 18:03			17 Sep 2024 19:02	10
Batch ID: R477520 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS24090699-02	4I12012-02	11 Sep 2024 13:25			18 Sep 2024 11:29	5

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 19-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
WorkOrder: HS24090699

QC BATCH REPORT

Batch ID: R477305 (0) **Instrument:** FID-4 **Method:** DISSOLVED GASES BY RSK-175

MBLK Sample ID: **MBLK-240917** Units: **ug/L** Analysis Date: **17-Sep-2024 08:57**
Client ID: Run ID: **FID-4_477305** SeqNo: **8254730** 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-240917** Units: **ug/L** Analysis Date: **17-Sep-2024 09:05**
Client ID: Run ID: **FID-4_477305** SeqNo: **8254731** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	20.92	1.00	18.04	0	116	75 - 125				
Ethene	19.78	1.00	16.8	0	118	75 - 125				
Methane	10.22	0.500	9.647	0	106	75 - 125				

LCSD Sample ID: **LCSD-240917** Units: **ug/L** Analysis Date: **17-Sep-2024 09:14**
Client ID: Run ID: **FID-4_477305** SeqNo: **8254732** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	20.74	1.00	18.04	0	115	75 - 125	20.92	0.861	30	
Ethene	20.06	1.00	16.8	0	119	75 - 125	19.78	1.45	30	
Methane	10.57	0.500	9.647	0	110	75 - 125	10.22	3.31	30	

MS Sample ID: **HS24090669-01MS** Units: **ug/L** Analysis Date: **17-Sep-2024 10:55**
Client ID: Run ID: **FID-4_477305** SeqNo: **8255214** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	64.92	1.00	18.04	0	360	75 - 125				S
Ethene	36.51	1.00	16.8	0	217	75 - 125				S
Methane	3456	0.500	9.647	3265	1990	75 - 125				SEO

ALS Houston, US Date: 19-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
WorkOrder: HS24090699

QC BATCH REPORT

Batch ID: R477305 (0) **Instrument:** FID-4 **Method:** DISSOLVED GASES BY RSK-175

MSD Sample ID: **HS24090669-01MSD** Units: **ug/L** Analysis Date: **17-Sep-2024 11:03**
Client ID: Run ID: **FID-4_477305** SeqNo: **8255303** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	31.88	1.00	18.04	0	177	75 - 125	64.92	68.3	30	SR
Ethene	34.93	1.00	16.8	0	208	75 - 125	36.51	4.41	30	S
Methane	3295	0.500	9.647	3265	309	75 - 125	3456	4.8	30	SEO

The following samples were analyzed in this batch: HS24090699-01 HS24090699-02 HS24090699-03 HS24090699-04 HS24090699-05 HS24090699-06

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 19-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
WorkOrder: HS24090699

QC BATCH REPORT

Batch ID: 217723 (0) **Instrument: ICPMS07** **Method: DISSOLVED METALS BY SW6020A (DISSOLVED)**

MBLK Sample ID: **MBLK-217723** Units: **mg/L** Analysis Date: **18-Sep-2024 21:54**
Client ID: Run ID: **ICPMS07_477471** SeqNo: **8259086** PrepDate: **18-Sep-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	ND	0.200								
Manganese	ND	0.00500								

LCS Sample ID: **LCS-217723** Units: **mg/L** Analysis Date: **18-Sep-2024 21:57**
Client ID: Run ID: **ICPMS07_477471** SeqNo: **8259087** PrepDate: **18-Sep-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	5.887	0.200	5	0	118	80 - 120				
Manganese	0.05785	0.00500	0.05	0	116	80 - 120				

MS Sample ID: **HS24090699-02MS** Units: **mg/L** Analysis Date: **18-Sep-2024 22:31**
Client ID: **4I12012-02** Run ID: **ICPMS07_477471** SeqNo: **8259078** PrepDate: **18-Sep-2024** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	4.744	0.400	5	0.05419	93.8	75 - 125				
Manganese	0.08874	0.0100	0.05	0.03535	107	75 - 125				

MSD Sample ID: **HS24090699-02MSD** Units: **mg/L** Analysis Date: **19-Sep-2024 11:51**
Client ID: **4I12012-02** Run ID: **ICPMS07_477564** SeqNo: **8260086** PrepDate: **18-Sep-2024** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	5.155	0.400	5	0.05419	102	75 - 125	4.744	8.31	20	
Manganese	0.09645	0.0100	0.05	0.03535	122	75 - 125	0.08874	8.33	20	

PDS Sample ID: **HS24090699-02PDS** Units: **mg/L** Analysis Date: **18-Sep-2024 22:41**
Client ID: **4I12012-02** Run ID: **ICPMS07_477471** SeqNo: **8259080** PrepDate: **18-Sep-2024** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	10.16	0.400	10	0.05419	101	75 - 125				
Manganese	0.1417	0.0100	0.1	0.03535	106	75 - 125				

ALS Houston, US Date: 19-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
WorkOrder: HS24090699

QC BATCH REPORT

Batch ID: 217723 (0) **Instrument:** ICPMS07 **Method:** DISSOLVED METALS BY SW6020A (DISSOLVED)

SD Sample ID: **HS24090699-02SD** Units: **mg/L** Analysis Date: **18-Sep-2024 22:28**
Client ID: **4I12012-02** Run ID: **ICPMS07_477471** SeqNo: **8259077** PrepDate: **18-Sep-2024** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Iron	ND	2.00					0.05419	0	10	
Manganese	0.04364	0.0500					0.03535	0	10	J

The following samples were analyzed in this batch: HS24090699-01 HS24090699-02 HS24090699-03 HS24090699-04 HS24090699-05 HS24090699-06

ALS Houston, US Date: 19-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
WorkOrder: HS24090699

QC BATCH REPORT

Batch ID: R477382 (0) **Instrument:** VOA13 **Method:** VOLATILES - SW8260C

MBLK Sample ID: **VBLKW-240916** Units: **ug/L** Analysis Date: **17-Sep-2024 00:03**
Client ID: Run ID: **VOA13_477382** SeqNo: **8256010** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	ND	5.0							
Ethylbenzene	ND	5.0							
m,p-Xylene	ND	10							
o-Xylene	ND	5.0							
Toluene	ND	5.0							
Xylenes, Total	ND	15							
Surr: 1,2-Dichloroethane-d4	*51.28*	*0*	*50*	*0*	*103*	*70 - 130*			
Surr: 4-Bromofluorobenzene	*49.86*	*0*	*50*	*0*	*99.7*	*82 - 115*			
Surr: Dibromofluoromethane	*48.88*	*0*	*50*	*0*	*97.8*	*73 - 126*			
Surr: Toluene-d8	*50.52*	*0*	*50*	*0*	*101*	*81 - 120*			

LCS Sample ID: **VLCSW-240916** Units: **ug/L** Analysis Date: **16-Sep-2024 22:56**
Client ID: Run ID: **VOA13_477382** SeqNo: **8256008** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	17.17	5.0	20	0	85.8	74 - 120			
Ethylbenzene	17.23	5.0	20	0	86.2	77 - 117			
m,p-Xylene	34.43	10	40	0	86.1	77 - 122			
o-Xylene	17.07	5.0	20	0	85.4	75 - 119			
Toluene	17.73	5.0	20	0	88.6	77 - 118			
Xylenes, Total	51.51	15	60	0	85.8	75 - 122			
Surr: 1,2-Dichloroethane-d4	*51.36*	*0*	*50*	*0*	*103*	*70 - 130*			
Surr: 4-Bromofluorobenzene	*49.07*	*0*	*50*	*0*	*98.1*	*82 - 115*			
Surr: Dibromofluoromethane	*48.4*	*0*	*50*	*0*	*96.8*	*73 - 126*			
Surr: Toluene-d8	*50.07*	*0*	*50*	*0*	*100*	*81 - 120*			

ALS Houston, US Date: 19-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
WorkOrder: HS24090699

QC BATCH REPORT

Batch ID: R477382 (0) **Instrument: VOA13** **Method: VOLATILES - SW8260C**

LCSD Sample ID: **VLCSDW-240916** Units: **ug/L** Analysis Date: **16-Sep-2024 23:18**
Client ID: Run ID: **VOA13_477382** SeqNo: **8256009** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Benzene	17.21	5.0	20	0	86.0	74 - 120	17.17	0.24	20	
Ethylbenzene	17.9	5.0	20	0	89.5	77 - 117	17.23	3.81	20	
m,p-Xylene	34.78	10	40	0	87.0	77 - 122	34.43	1.02	20	
o-Xylene	17.43	5.0	20	0	87.2	75 - 119	17.07	2.06	20	
Toluene	18.18	5.0	20	0	90.9	77 - 118	17.73	2.49	20	
Xylenes, Total	52.21	15	60	0	87.0	75 - 122	51.51	1.36	20	
Surr: 1,2-Dichloroethane-d4	*51.81*	*0*	*50*	*0*	*104*	*70 - 130*	*51.36*	*0.859*	*20*	
Surr: 4-Bromofluorobenzene	*48.88*	*0*	*50*	*0*	*97.8*	*82 - 115*	*49.07*	*0.38*	*20*	
Surr: Dibromofluoromethane	*49.05*	*0*	*50*	*0*	*98.1*	*73 - 126*	*48.4*	*1.33*	*20*	
Surr: Toluene-d8	*50.87*	*0*	*50*	*0*	*102*	*81 - 120*	*50.07*	*1.58*	*20*	

The following samples were analyzed in this batch: HS24090699-01 HS24090699-02 HS24090699-04 HS24090699-06

ALS Houston, US Date: 19-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
WorkOrder: HS24090699

QC BATCH REPORT

Batch ID: R477413 (0) **Instrument: VOA13** **Method: VOLATILES - SW8260C**

MBLK Sample ID: **VBLKW-240917** Units: **ug/L** Analysis Date: **17-Sep-2024 12:22**
Client ID: Run ID: **VOA13_477413** SeqNo: **8256486** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	5.0								
Ethylbenzene	ND	5.0								
m,p-Xylene	ND	10								
o-Xylene	ND	5.0								
Toluene	ND	5.0								
Xylenes, Total	ND	15								
Surr: 1,2-Dichloroethane-d4	*53.39*	*0*	*50*	*0*	*107*	*70 - 130*				
Surr: 4-Bromofluorobenzene	*50.64*	*0*	*50*	*0*	*101*	*82 - 115*				
Surr: Dibromofluoromethane	*49.28*	*0*	*50*	*0*	*98.6*	*73 - 126*				
Surr: Toluene-d8	*50.71*	*0*	*50*	*0*	*101*	*81 - 120*				

LCS Sample ID: **VLCSW-240917** Units: **ug/L** Analysis Date: **17-Sep-2024 11:08**
Client ID: Run ID: **VOA13_477413** SeqNo: **8256484** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	17.57	5.0	20	0	87.8	74 - 120				
Ethylbenzene	17.61	5.0	20	0	88.1	77 - 117				
m,p-Xylene	33.48	10	40	0	83.7	77 - 122				
o-Xylene	16.75	5.0	20	0	83.8	75 - 119				
Toluene	17.49	5.0	20	0	87.4	77 - 118				
Xylenes, Total	50.23	15	60	0	83.7	75 - 122				
Surr: 1,2-Dichloroethane-d4	*54.9*	*0*	*50*	*0*	*110*	*70 - 130*				
Surr: 4-Bromofluorobenzene	*50.36*	*0*	*50*	*0*	*101*	*82 - 115*				
Surr: Dibromofluoromethane	*50.57*	*0*	*50*	*0*	*101*	*73 - 126*				
Surr: Toluene-d8	*52.31*	*0*	*50*	*0*	*105*	*81 - 120*				

ALS Houston, US Date: 19-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
WorkOrder: HS24090699

QC BATCH REPORT

Batch ID: R477413 (0) **Instrument: VOA13** **Method: VOLATILES - SW8260C**

LCSD Sample ID: **VLCSDW-240917** Units: **ug/L** Analysis Date: **17-Sep-2024 11:31**
Client ID: Run ID: **VOA13_477413** SeqNo: **8256485** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Benzene	18.13	5.0	20	0	90.6	74 - 120	17.57	3.14	20	
Ethylbenzene	18.29	5.0	20	0	91.4	77 - 117	17.61	3.78	20	
m,p-Xylene	35.04	10	40	0	87.6	77 - 122	33.48	4.54	20	
o-Xylene	17.81	5.0	20	0	89.1	75 - 119	16.75	6.12	20	
Toluene	18.32	5.0	20	0	91.6	77 - 118	17.49	4.68	20	
Xylenes, Total	52.85	15	60	0	88.1	75 - 122	50.23	5.07	20	
Surr: 1,2-Dichloroethane-d4	*53.36*	*0*	*50*	*0*	*107*	*70 - 130*	*54.9*	*2.85*	*20*	
Surr: 4-Bromofluorobenzene	*49.52*	*0*	*50*	*0*	*99.0*	*82 - 115*	*50.36*	*1.68*	*20*	
Surr: Dibromofluoromethane	*49.06*	*0*	*50*	*0*	*98.1*	*73 - 126*	*50.57*	*3.03*	*20*	
Surr: Toluene-d8	*50.7*	*0*	*50*	*0*	*101*	*81 - 120*	*52.31*	*3.13*	*20*	

The following samples were analyzed in this batch: HS24090699-03 HS24090699-05

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ALS Houston, US Date: 19-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
WorkOrder: HS24090699

QC BATCH REPORT

Batch ID: R477314 (0) **Instrument: TOC_04** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-09162024** Units: **mg/L** Analysis Date: **16-Sep-2024 11:48**
Client ID: Run ID: **TOC_04_477314** SeqNo: **8254911** 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-09162024** Units: **mg/L** Analysis Date: **16-Sep-2024 11:59**
Client ID: Run ID: **TOC_04_477314** SeqNo: **8254912** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.63	1.00	10	0	96.3	85 - 115				

LCSD Sample ID: **LCSD-09162024** Units: **mg/L** Analysis Date: **16-Sep-2024 12:09**
Client ID: Run ID: **TOC_04_477314** SeqNo: **8254913** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.704	1.00	10	0	97.0	85 - 115	9.63	0.765	20	

MS Sample ID: **HS24090699-03MS** Units: **mg/L** Analysis Date: **16-Sep-2024 13:34**
Client ID: **4I12012-03** Run ID: **TOC_04_477314** SeqNo: **8254918** PrepDate: DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	191.9	10.0	100	99.78	92.1	80 - 120				

The following samples were analyzed in this batch: HS24090699-01 HS24090699-03 HS24090699-04

ALS Houston, US Date: 19-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
WorkOrder: HS24090699

QC BATCH REPORT

Batch ID: R477432 (0) **Instrument: TOC_04** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-09172024** Units: **mg/L** Analysis Date: **17-Sep-2024 16:04**
Client ID: Run ID: **TOC_04_477432** SeqNo: **8257093** 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-09172024** Units: **mg/L** Analysis Date: **17-Sep-2024 16:15**
Client ID: Run ID: **TOC_04_477432** SeqNo: **8257094** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.639	1.00	10	0	96.4	85 - 115				

LCSD Sample ID: **LCSD-09172024** Units: **mg/L** Analysis Date: **17-Sep-2024 16:25**
Client ID: Run ID: **TOC_04_477432** SeqNo: **8257095** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.655	1.00	10	0	96.6	85 - 115	9.639	0.166	20	

MS Sample ID: **HS24090699-06MS** Units: **mg/L** Analysis Date: **17-Sep-2024 19:12**
Client ID: **4I12012-06** Run ID: **TOC_04_477432** SeqNo: **8257100** PrepDate: DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	136.5	10.0	100	40.84	95.7	80 - 120				

The following samples were analyzed in this batch: HS24090699-05 HS24090699-06

ALS Houston, US Date: 19-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
WorkOrder: HS24090699

QC BATCH REPORT

Batch ID: R477520 (0) **Instrument: TOC_04** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-09182024** Units: **mg/L** Analysis Date: **18-Sep-2024 10:58**
Client ID: Run ID: **TOC_04_477520** SeqNo: **8258877** 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-09182024** Units: **mg/L** Analysis Date: **18-Sep-2024 11:10**
Client ID: Run ID: **TOC_04_477520** SeqNo: **8258878** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.607	1.00	10	0	96.1	85 - 115				

LCSD Sample ID: **LCSD-09182024** Units: **mg/L** Analysis Date: **18-Sep-2024 11:20**
Client ID: Run ID: **TOC_04_477520** SeqNo: **8258879** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.563	1.00	10	0	95.6	85 - 115	9.607	0.459	20	

MS Sample ID: **HS24090699-02MS** Units: **mg/L** Analysis Date: **18-Sep-2024 11:40**
Client ID: **4I12012-02** Run ID: **TOC_04_477520** SeqNo: **8258881** PrepDate: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	58.1	5.00	50	11.91	92.4	80 - 120				

The following samples were analyzed in this batch: HS24090699-02

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ALS Houston, US Date: 19-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4I12012
WorkOrder: HS24090699

QUALIFIERS, ACRONYMS, UNITS

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

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

Unit Reported	Description
mg/L	Milligrams per Liter

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ALS Houston, US Date: 19-Sep-24

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arizona	AZ0793	27-May-2025
Arkansas	88-00356_2024	27-Mar-2025
California	2919; 2025	30-Apr-2025
Dept of Defense	L24-240	30-Apr-2026
Dept of Defense	L24-239	30-Apr-2026
Florida	E87611-38	30-Jun-2025
Illinois	2000322023-11	31-Jul-2025
Kansas	E-10352 2023-2024	31-Jul-2025
Kentucky	123043	30-Apr-2025
Louisiana	03087 2023-2024	30-Jun-2025
Maine	2024017	23-Jun-2026
Michigan	9971	30-Apr-2025
Nebraska	NE-OS-25-13	30-Apr-2025
New Jersey	TX008	30-Jun-2025
North Carolina	624 - 2024	31-Dec-2024
North Dakota	R-193 2023-2024	30-Sep-2024
Pennsylvania	018	30-Jun-2025
Tennessee	04016	30-Apr-2025
Texas	T104704231 TX-C24-00130	30-Apr-2025
Utah	TX026932023-14	31-Jul-2025

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ALS Houston, US Date: 19-Sep-24

Sample Receipt Checklist

Work Order ID: HS24090699 **Date/Time Received:** 13-Sep-2024 09:35

Client Name: Permian Basin Lab **Received by:** Si Ma

Completed By:	/S/ Travis Appling	13-Sep-2024 19:16	**Reviewed by:**	/S/ Anna Kinchen	16-Sep-2024 09:59
	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):	1.0UC/ 1.0C	IR34
Cooler(s)/Kit(s):	RED	
Date/Time sample(s) sent to storage:	09/13/2024 19:20	

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:

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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: X Standard ☐ TRRP ☐ NPDES
Sampler Signature: N/A e-mail: brentbarron@pbelab.com

HS24090699

Permian Basin Environmental Lab, LP
4I12012

ORDER #:

LAB # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	NaOH/Zn	NONE 500ML POLY 250 MIL POLY 500 ML WM AMBER GLASS	NONE	DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/So	NP=Non-Potable Specify Oth	RSK SOP-175	TOC-415.1	Mn DISS ICP 6010B	Fe DISS ICP 6010B	8260B BTEX								24 HOUR RUSH	STANDARD
	4I12012-01			9/11/2024	10:47	Y	8	X	X	X	X					W			X	X	X	X	X									X
	4I12012-02			9/11/2024	13:25	Y	8	X	X	X	X					W			X	X	X	X	X									X
	4I12012-03			9/11/2024	14:55	Y	8	X	X	X	X					W			X	X	X	X	X									X
	4I12012-04			9/11/2024	12:10	Y	8	X	X	X	X					W			X	X	X	X	X									X
	4I12012-05			9/11/2024	16:20	Y	8	X	X	X	X					W			X	X	X	X	X									X
	4I12012-06			9/11/2024	18:03	Y	8	X	X	X	X					W			X	X	X	X	X									X

Warm Red remp 1.0 IR# 34 CF=0.3

1

BRENT BARRON	9/12/2024	5:00 PM	Received by:	Date	Time	Laboratory Comments:
Relinquished by:	Date	Time	Received by: SM	Date 09/13/24	Time 09:35	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 by Courier? UPS DHL FedEx Lone Star
Relinquished by:	Date	Time	Received by:	Date	Time	Temperature Upon Receipt: Received: °C Adjusted: °C Factor

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2. Place label in shipping pouch and affix it to your shipment.

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

PBELAB

Analytical Report

Prepared for:

Jonathan Repman

TRC Solutions- Midland, Texas

10 Desta Dr STE 150E

Midland, TX 79705

Project: 97-18

Project Number: TNM 97-18

Location: Lea County, NM

Lab Order Number: 4I20001

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 10/01/24

TRC Solutions- Midland, Texas	Project:	97-18
10 Desta Dr STE 150E	Project Number:	TNM 97-18
Midland TX, 79705	Project Manager:	Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-3	4I20001-01	Water	09/12/24 10:00	09-20-2024 08:36
MW-10	4I20001-02	Water	09/12/24 10:36	09-20-2024 08:36
MW-17	4I20001-03	Water	09/12/24 11:15	09-20-2024 08:36
MW-18	4I20001-04	Water	09/12/24 11:42	09-20-2024 08:36
MW-23	4I20001-05	Water	09/12/24 12:13	09-20-2024 08:36
MW-25	4I20001-06	Water	09/12/24 12:48	09-20-2024 08:36
MW-26	4I20001-07	Water	09/12/24 13:17	09-20-2024 08:36
RW-1	4I20001-08	Water	09/12/24 13:59	09-20-2024 08:36

TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-3

4I20001-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.206**	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 15:58	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 15:58	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 15:58	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 15:58	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 15:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.1 %*	*80-120*		*P4I2007*	*09/20/24 14:16*	*09/21/24 15:58*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*94.6 %*	*80-120*		*P4I2007*	*09/20/24 14:16*	*09/21/24 15:58*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-10

4I20001-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.232**	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 16:20	EPA 8021B	
Toluene	**0.00293**	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 16:20	EPA 8021B	
Ethylbenzene	**0.00136**	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 16:20	EPA 8021B	
Xylene (p/m)	**0.00326**	0.00200	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 16:20	EPA 8021B	
Xylene (o)	**0.00217**	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 16:20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P4I2007*	*09/20/24 14:16*	*09/21/24 16:20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.6 %*	*80-120*		*P4I2007*	*09/20/24 14:16*	*09/21/24 16:20*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-17

4I20001-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**1.36**	0.00500	mg/L	5	P4I2007	09/20/24 14:16	09/23/24 13:33	EPA 8021B	
Toluene	**0.00167**	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 16:42	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 16:42	EPA 8021B	
Xylene (p/m)	**0.137**	0.00200	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 16:42	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 16:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.0 %*	*80-120*		*P4I2007*	*09/20/24 14:16*	*09/21/24 16:42*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*90.4 %*	*80-120*		*P4I2007*	*09/20/24 14:16*	*09/21/24 16:42*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-18

4I20001-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.812**	0.00500	mg/L	5	P4I2007	09/20/24 14:16	09/23/24 13:54	EPA 8021B	
Toluene	**0.00159**	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 17:04	EPA 8021B	
Ethylbenzene	**0.0110**	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 17:04	EPA 8021B	
Xylene (p/m)	**0.0761**	0.00200	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 17:04	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 17:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.5 %*	*80-120*		*P4I2007*	*09/20/24 14:16*	*09/21/24 17:04*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*88.8 %*	*80-120*		*P4I2007*	*09/20/24 14:16*	*09/21/24 17:04*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-23

4I20001-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 17:26	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 17:26	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 17:26	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 17:26	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 17:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		*P4I2007*	*09/20/24 14:16*	*09/21/24 17:26*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*88.8 %*	*80-120*		*P4I2007*	*09/20/24 14:16*	*09/21/24 17:26*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-25

4I20001-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00975**	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 17:49	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 17:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 17:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 17:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 17:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.3 %*	*80-120*		*P4I2007*	*09/20/24 14:16*	*09/21/24 17:49*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*90.0 %*	*80-120*		*P4I2007*	*09/20/24 14:16*	*09/21/24 17:49*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-26

4I20001-07 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 18:11	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 18:11	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 18:11	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 18:11	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 18:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P4I2007*	*09/20/24 14:16*	*09/21/24 18:11*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*88.2 %*	*80-120*		*P4I2007*	*09/20/24 14:16*	*09/21/24 18:11*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

RW-1

4I20001-08 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.351**	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 19:17	EPA 8021B	
Toluene	**0.00342**	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 19:17	EPA 8021B	
Ethylbenzene	**0.0442**	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 19:17	EPA 8021B	
Xylene (p/m)	**0.141**	0.00200	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 19:17	EPA 8021B	
Xylene (o)	**0.0528**	0.00100	mg/L	1	P4I2007	09/20/24 14:16	09/21/24 19:17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*107 %*	*80-120*		*P4I2007*	*09/20/24 14:16*	*09/21/24 19:17*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.1 %*	*80-120*		*P4I2007*	*09/20/24 14:16*	*09/21/24 19:17*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4I2007 - * DEFAULT PREP *** **										
Blank (P4I2007-BLK1)				Prepared: 09/20/24 Analyzed: 09/21/24						
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*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.107*		"	*0.120*		*88.9*	*80-120*			
LCS (P4I2007-BS1)				Prepared: 09/20/24 Analyzed: 09/21/24						
Benzene	0.0936	0.00100	mg/L	0.100		93.6	80-120			
Toluene	0.0969	0.00100	"	0.100		96.9	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.223	0.00200	"	0.200		112	80-120			
Xylene (o)	0.0982	0.00100	"	0.100		98.2	80-120			
Surrogate: 4-Bromofluorobenzene	*0.128*		"	*0.120*		*106*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		"	*0.120*		*94.2*	*80-120*			
LCS Dup (P4I2007-BSD1)				Prepared: 09/20/24 Analyzed: 09/21/24						
Benzene	0.0976	0.00100	mg/L	0.100		97.6	80-120	4.18	20	
Toluene	0.102	0.00100	"	0.100		102	80-120	4.77	20	
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120	4.67	20	
Xylene (p/m)	0.232	0.00200	"	0.200		116	80-120	3.90	20	
Xylene (o)	0.102	0.00100	"	0.100		102	80-120	4.22	20	
Surrogate: 4-Bromofluorobenzene	*0.127*		"	*0.120*		*106*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		"	*0.120*		*95.0*	*80-120*			
Calibration Blank (P4I2007-CCB1)				Prepared: 09/20/24 Analyzed: 09/21/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.150		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.122*		"	*0.120*		*102*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.107*		"	*0.120*		*89.0*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4I2007 - * DEFAULT PREP *** **										
Calibration Blank (P4I2007-CCB2)				Prepared: 09/20/24 Analyzed: 09/21/24						
Benzene	0.0800		ug/l							
Toluene	0.250		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.106*		*"*	*0.120*		*88.1*	*80-120*			
Calibration Check (P4I2007-CCV1)				Prepared: 09/20/24 Analyzed: 09/21/24						
Benzene	0.0944	0.00100	mg/L	0.100		94.4	80-120			
Toluene	0.0973	0.00100	"	0.100		97.3	80-120			
Ethylbenzene	0.0980	0.00100	"	0.100		98.0	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.0977	0.00100	"	0.100		97.7	80-120			
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*105*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*94.7*	*80-120*			
Calibration Check (P4I2007-CCV2)				Prepared: 09/20/24 Analyzed: 09/21/24						
Benzene	0.0985	0.00100	mg/L	0.100		98.5	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.227	0.00200	"	0.200		114	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.112*		*"*	*0.120*		*93.3*	*80-120*			
Calibration Check (P4I2007-CCV3)				Prepared: 09/20/24 Analyzed: 09/21/24						
Benzene	0.105	0.00100	mg/L	0.100		105	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120			
Xylene (p/m)	0.239	0.00200	"	0.200		119	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.112*		*"*	*0.120*		*93.0*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4I2007 - * DEFAULT PREP *** **										
Matrix Spike (P4I2007-MS1)	**Source: 4I19008-12**			Prepared: 09/20/24 Analyzed: 09/21/24						
Benzene	0.117	0.00100	mg/L	0.100	ND	117	80-120			
Toluene	0.124	0.00100	"	0.100	ND	124	80-120			QM-05
Ethylbenzene	0.139	0.00100	"	0.100	ND	139	80-120			QM-05
Xylene (p/m)	0.269	0.00200	"	0.200	ND	135	80-120			QM-05
Xylene (o)	0.125	0.00100	"	0.100	ND	125	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.124*		*"*	*0.120*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.112*		*"*	*0.120*		*93.2*	*80-120*			
Matrix Spike Dup (P4I2007-MSD1)	**Source: 4I19008-12**			Prepared: 09/20/24 Analyzed: 09/21/24						
Benzene	0.109	0.00100	mg/L	0.100	ND	109	80-120	7.33	20	
Toluene	0.123	0.00100	"	0.100	ND	123	80-120	0.219	20	QM-05
Ethylbenzene	0.139	0.00100	"	0.100	ND	139	80-120	0.496	20	QM-05
Xylene (p/m)	0.271	0.00200	"	0.200	ND	136	80-120	0.866	20	QM-05
Xylene (o)	0.125	0.00100	"	0.100	ND	125	80-120	0.0160	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.120*		*105*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.110*		*"*	*0.120*		*91.9*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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: Brent Barron Date: 10/1/2024

Brent Barron, Laboratory Director/Technical Director

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TRC Solutions- Midland, Texas	Project:	97-18
10 Desta Dr STE 150E	Project Number:	TNM 97-18
Midland TX, 79705	Project Manager:	Jonathan Repman

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.

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PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jon Repman
Company Name: TRC Environmental Corperation
Company Address: 10 Desta Dr. Suite 410 E
City/State/Zip: Midland Tx 79705
Telephone No: (432)-520-7720 **Fax No:**
Sampler Signature:

Project Name: TNM 97-18
Project #: TNM 97-18
Project Loc:
PO #:
Report Format: ☐ Standard ☐ TRRP ☐ NPDES
e-mail:

(lab use only)
ORDER #: 4I20001

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water GW=Groundwater NP=Non-Potable SL=Sludge S=Soil/Solid Specify Other	Analyze For: TCLP: TOTAL: Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-[redacted] 3			9-12-24	1000		3	X		3						GW	X		
2	MW-[redacted] 10				1036		3	X		3						GW	X		
3	MW-[redacted] 17				1115		3	X		3						GW	X		
4	[redacted] MW 18				1142		3	X		3						GW	X		
5	MW 23				1213		3	X		3						GW	X		
6	MW 25				1248		3	X		3						GW	X		
7	MW 26				1317		3	X		3						GW	X		
8	RW 1				1359		3	X		3						GW	X		

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	9-20-24	8:30			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: Teresa Bledsoe	9/20/24	8:30

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 Thermometor: NC
Adjusted: 4.3 °C Factor: 0.3

Received by OCD: 11/6/2025 3:23:03 PM

Released to Imaging: 11/10/2025 11:04:12 AM

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

PBELAB

Analytical Report

Prepared for:

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

Project: 97-18_MNA
Project Number: TNM 97-18
Location: LEA COUNTY, NM

Lab Order Number: 4K15002

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 12/02/24

TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	4K15002-01	Water	11/14/24 08:28	11-15-2024 08:58
MW-2	4K15002-02	Water	11/14/24 09:41	11-15-2024 08:58
MW-4	4K15002-03	Water	11/14/24 10:50	11-15-2024 08:58
MW-6	4K15002-04	Water	11/14/24 11:55	11-15-2024 08:58
MW-24	4K15002-05	Water	11/14/24 12:40	11-15-2024 08:58
RW-2	4K15002-06	Water	11/14/24 13:46	11-15-2024 08:58

RSK-175, PAH, TOC, and Dissolved Fe and Mn 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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-1

4K15002-01 (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	P4K1503	11/15/24 12:46	11/18/24 13:59	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 13:59	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 13:59	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 13:59	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 13:59	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.9 %*	*80-120*		*P4K1503*	*11/15/24 12:46*	*11/18/24 13:59*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4K1503*	*11/15/24 12:46*	*11/18/24 13:59*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 09:36	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 09:36	8015M	SUB-13
Methane	**0.00198**	0.000500	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 09:36	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**95.0**	2.00	mg/L	1	P4K2010	11/20/24 13:39	11/20/24 13:40	8000	
Nitrate as N	**0.781**	0.200	mg/L	1	P4K1502	11/15/24 11:27	11/15/24 13:24	EPA 300.0	
Sulfate	**3870**	25.0	mg/L	25	P4K1502	11/15/24 11:27	11/18/24 12:06	EPA 300.0	
Total Organic Carbon	**18.2**	1.00	mg/L	1	P4L0211	11/21/24 23:39	11/21/24 23:39	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	1.00	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 22:44	EPA 6020A	SUB-13
Manganese	**0.0406**	0.0250	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 22:44	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-2

4K15002-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 14:21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 14:21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 14:21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 14:21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 14:21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.6 %*	*80-120*		*P4K1503*	*11/15/24 12:46*	*11/18/24 14:21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P4K1503*	*11/15/24 12:46*	*11/18/24 14:21*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 09:44	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 09:44	8015M	SUB-13
Methane	**0.0161**	0.000500	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 09:44	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**17.2**	0.400	mg/L	0.01	P4K2011	11/20/24 13:38	11/20/24 13:41	8000	
Nitrate as N	ND	0.200	mg/L	1	P4K1502	11/15/24 11:27	11/15/24 14:22	EPA 300.0	
Sulfate	**2660**	25.0	mg/L	25	P4K1502	11/15/24 11:27	11/18/24 12:26	EPA 300.0	
Total Organic Carbon	**11.9**	1.00	mg/L	1	P4L0211	11/21/24 23:50	11/21/24 23:50	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.400	mg/L	1	P4L0211	11/21/24 00:00	11/25/24 14:20	EPA 6020A	SUB-13
Manganese	**0.0384**	0.0100	mg/L	1	P4L0211	11/21/24 00:00	11/25/24 14:20	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-4

4K15002-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**2.07**	0.100	mg/L	100	P4K1503	11/15/24 12:46	11/25/24 14:54	EPA 8021B	
Toluene	**0.00420**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 14:42	EPA 8021B	
Ethylbenzene	**0.00919**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 14:42	EPA 8021B	
Xylene (p/m)	**0.0763**	0.00200	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 14:42	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 14:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*83.8 %*	*80-120*		*P4K1503*	*11/15/24 12:46*	*11/18/24 14:42*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*113 %*	*80-120*		*P4K1503*	*11/15/24 12:46*	*11/18/24 14:42*	*EPA 8021B*	
Ethane	**0.00257**	0.00100	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 09:52	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 09:52	8015M	SUB-13
Methane	**0.551**	0.0100	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 14:35	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**7.40**	0.400	mg/L	0.01	P4K2011	11/20/24 13:38	11/20/24 13:41	8000	
Nitrate as N	ND	0.200	mg/L	1	P4K1502	11/15/24 11:27	11/15/24 14:42	EPA 300.0	
Sulfate	**1320**	25.0	mg/L	25	P4K1502	11/15/24 11:27	11/18/24 12:45	EPA 300.0	
Total Organic Carbon	**114**	10.0	mg/L	1	P4L0211	11/23/24 16:35	11/23/24 16:35	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.400	mg/L	1	P4L0211	11/21/24 00:00	11/25/24 14:24	EPA 6020A	SUB-13
Manganese	ND	0.0100	mg/L	1	P4L0211	11/21/24 00:00	11/25/24 14:24	EPA 6020A	SUB-13
PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	**0.017**	0.000083	mg/L	1	P4L0212	11/21/24 00:00	11/22/24 13:36	8270C	SUB-13
2-Methylnaphthalene	**0.0073**	0.000083	mg/L	1	P4L0212	11/21/24 00:00	11/22/24 13:36	8270C	SUB-13
Acenaphthene	ND	0.000083	mg/L	1	P4L0212	11/21/24 00:00	11/22/24 13:36	8270C	SUB-13
Acenaphthylene	**0.00022**	0.000083	mg/L	1	P4L0212	11/21/24 00:00	11/22/24 13:36	8270C	SUB-13
Anthracene	ND	0.000083	mg/L	1	P4L0212	11/21/24 00:00	11/22/24 13:36	8270C	SUB-13
Benzo (a) anthracene	ND	0.000083	mg/L	1	P4L0212	11/21/24 00:00	11/22/24 13:36	8270C	SUB-13
Benzo (a) pyrene	ND	0.000083	mg/L	1	P4L0212	11/21/24 00:00	11/22/24 13:36	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.000083	mg/L	1	P4L0212	11/21/24 00:00	11/22/24 13:36	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.000083	mg/L	1	P4L0212	11/21/24 00:00	11/22/24 13:36	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.000083	mg/L	1	P4L0212	11/21/24 00:00	11/22/24 13:36	8270C	SUB-13
Chrysene	ND	0.000083	mg/L	1	P4L0212	11/21/24 00:00	11/22/24 13:36	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.000083	mg/L	1	P4L0212	11/21/24 00:00	11/22/24 13:36	8270C	SUB-13
Dibenzofuran	ND	0.000083	mg/L	1	P4L0212	11/21/24 00:00	11/22/24 13:36	8270C	SUB-13
Fluoranthene	ND	0.000083	mg/L	1	P4L0212	11/21/24 00:00	11/22/24 13:36	8270C	SUB-13
Fluorene	**0.0016**	0.000083	mg/L	1	P4L0212	11/21/24 00:00	11/22/24 13:36	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.000083	mg/L	1	P4L0212	11/21/24 00:00	11/22/24 13:36	8270C	SUB-13
Naphthalene	**0.010**	0.000083	mg/L	1	P4L0212	11/21/24 00:00	11/22/24 13:36	8270C	SUB-13
Phenanthrene	**0.0013**	0.000083	mg/L	1	P4L0212	11/21/24 00:00	11/22/24 13:36	8270C	SUB-13
Pyrene	ND	0.000083	mg/L	1	P4L0212	11/21/24 00:00	11/22/24 13:36	8270C	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-6

4K15002-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0290**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 15:04	EPA 8021B	
Toluene	**0.00210**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 15:04	EPA 8021B	
Ethylbenzene	**0.00970**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 15:04	EPA 8021B	
Xylene (p/m)	**0.0185**	0.00200	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 15:04	EPA 8021B	
Xylene (o)	**0.00121**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 15:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.3 %*	*80-120*		*P4K1503*	*11/15/24 12:46*	*11/18/24 15:04*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.5 %*	*80-120*		*P4K1503*	*11/15/24 12:46*	*11/18/24 15:04*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 10:04	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 10:04	8015M	SUB-13
Methane	**0.00772**	0.000500	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 10:04	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**11.6**	0.400	mg/L	0.01	P4K2011	11/20/24 13:38	11/20/24 13:41	8000	
Nitrate as N	ND	0.200	mg/L	1	P4K1502	11/15/24 11:27	11/15/24 15:01	EPA 300.0	
Sulfate	**4290**	25.0	mg/L	25	P4K1502	11/15/24 11:27	11/18/24 13:04	EPA 300.0	
Total Organic Carbon	**28.0**	1.00	mg/L	1	P4L0211	11/22/24 00:14	11/22/24 00:14	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	1.00	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 23:04	EPA 6020A	SUB-13
Manganese	**0.0402**	0.0250	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 23:04	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-24

4K15002-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**7.68**	0.100	mg/L	100	P4K1503	11/15/24 12:46	11/25/24 15:16	EPA 8021B	
Toluene	**0.00484**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 15:25	EPA 8021B	
Ethylbenzene	**0.211**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 15:25	EPA 8021B	
Xylene (p/m)	**0.109**	0.00200	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 15:25	EPA 8021B	
Xylene (o)	**0.00208**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 15:25	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.7 %*	*80-120*		*P4K1503*	*11/15/24 12:46*	*11/25/24 15:16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4K1503*	*11/15/24 12:46*	*11/25/24 15:16*	*EPA 8021B*	
Ethane	**0.0170**	0.00100	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 10:12	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 10:12	8015M	SUB-13
Methane	**1.15**	0.0250	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 14:43	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**7.00**	0.400	mg/L	0.01	P4K2011	11/20/24 13:38	11/20/24 13:41	8000	
Nitrate as N	ND	0.200	mg/L	1	P4K1502	11/15/24 11:27	11/15/24 15:21	EPA 300.0	
Sulfate	**813**	10.0	mg/L	10	P4K1502	11/15/24 11:27	11/18/24 13:24	EPA 300.0	
Total Organic Carbon	**126**	10.0	mg/L	1	P4L0211	11/23/24 16:48	11/23/24 16:48	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4L0211	11/21/24 00:00	11/25/24 14:42	EPA 6020A	SUB-13
Manganese	ND	0.00500	mg/L	1	P4L0211	11/21/24 00:00	11/25/24 14:42	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

RW-2

4K15002-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.117**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 15:46	EPA 8021B	
Toluene	**0.00135**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 15:46	EPA 8021B	
Ethylbenzene	**0.0436**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 15:46	EPA 8021B	
Xylene (p/m)	**0.0219**	0.00200	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 15:46	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 15:46	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	*94.6 %*		*80-120*		*P4K1503*	*11/15/24 12:46*	*11/18/24 15:46*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene	*102 %*		*80-120*		*P4K1503*	*11/15/24 12:46*	*11/18/24 15:46*	*EPA 8021B*	
Ethane	**0.00149**	0.00100	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 10:23	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 10:23	8015M	SUB-13
Methane	**0.0702**	0.00100	mg/L	1	P4L0211	11/21/24 00:00	11/22/24 14:52	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**1.60**	0.400	mg/L	0.01	P4K2011	11/20/24 13:38	11/20/24 13:41	8000	
Nitrate as N	**0.287**	0.200	mg/L	1	P4K1502	11/15/24 11:27	11/15/24 15:40	EPA 300.0	
Sulfate	**3580**	25.0	mg/L	25	P4K1502	11/15/24 11:27	11/18/24 13:43	EPA 300.0	
Total Organic Carbon	**18.4**	1.00	mg/L	1	P4L0211	11/22/24 00:37	11/22/24 00:37	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.400	mg/L	1	P4L0211	11/21/24 00:00	11/25/24 14:46	EPA 6020A	SUB-13
Manganese	**0.0413**	0.0100	mg/L	1	P4L0211	11/21/24 00:00	11/25/24 14:46	EPA 6020A	SUB-13

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4K1503 - * DEFAULT PREP *** **										
Blank (P4K1503-BLK1)				Prepared: 11/15/24 Analyzed: 11/18/24						
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	*0.108*		"	*0.120*		*90.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*103*	*80-120*			
LCS (P4K1503-BS1)				Prepared: 11/15/24 Analyzed: 11/18/24						
Benzene	0.0888	0.00100	mg/L	0.100		88.8	80-120			
Toluene	0.0862	0.00100	"	0.100		86.2	80-120			
Ethylbenzene	0.0837	0.00100	"	0.100		83.7	80-120			
Xylene (p/m)	0.162	0.00200	"	0.200		80.8	80-120			
Xylene (o)	0.0836	0.00100	"	0.100		83.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.108*		"	*0.120*		*90.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*103*	*80-120*			
LCS Dup (P4K1503-BSD1)				Prepared: 11/15/24 Analyzed: 11/18/24						
Benzene	0.0927	0.00100	mg/L	0.100		92.7	80-120	4.24	20	
Toluene	0.0890	0.00100	"	0.100		89.0	80-120	3.19	20	
Ethylbenzene	0.0863	0.00100	"	0.100		86.3	80-120	3.05	20	
Xylene (p/m)	0.167	0.00200	"	0.200		83.3	80-120	3.00	20	
Xylene (o)	0.0855	0.00100	"	0.100		85.5	80-120	2.22	20	
Surrogate: 4-Bromofluorobenzene	*0.107*		"	*0.120*		*89.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*103*	*80-120*			
Calibration Blank (P4K1503-CCB1)				Prepared: 11/15/24 Analyzed: 11/18/24						
Benzene	0.0800		ug/l							
Toluene	0.160		"							
Ethylbenzene	0.440		"							
Xylene (p/m)	0.940		"							
Xylene (o)	0.700		"							
Surrogate: 4-Bromofluorobenzene	*0.109*		"	*0.120*		*91.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.124*		"	*0.120*		*103*	*80-120*			

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4K1503 - * DEFAULT PREP *** **										
Calibration Blank (P4K1503-CCB2)				Prepared: 11/15/24 Analyzed: 11/18/24						
Benzene	0.270		ug/l							
Toluene	0.100		"							
Ethylbenzene	0.310		"							
Xylene (p/m)	0.680		"							
Xylene (o)	0.400		"							
Surrogate: 4-Bromofluorobenzene	*0.102*		*"*	*0.120*		*84.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			
Calibration Check (P4K1503-CCV1)				Prepared: 11/15/24 Analyzed: 11/18/24						
Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.0971	0.00100	"	0.100		97.1	80-120			
Xylene (p/m)	0.189	0.00200	"	0.200		94.6	80-120			
Xylene (o)	0.0987	0.00100	"	0.100		98.7	80-120			
Surrogate: 4-Bromofluorobenzene	*0.107*		*"*	*0.120*		*89.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*103*	*80-120*			
Calibration Check (P4K1503-CCV2)				Prepared: 11/15/24 Analyzed: 11/18/24						
Benzene	0.0950	0.00100	mg/L	0.100		95.0	80-120			
Toluene	0.0917	0.00100	"	0.100		91.7	80-120			
Ethylbenzene	0.0872	0.00100	"	0.100		87.2	80-120			
Xylene (p/m)	0.169	0.00200	"	0.200		84.3	80-120			
Xylene (o)	0.0891	0.00100	"	0.100		89.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.110*		*"*	*0.120*		*91.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*102*	*80-120*			
Calibration Check (P4K1503-CCV3)				Prepared: 11/15/24 Analyzed: 11/18/24						
Benzene	0.0957	0.00100	mg/L	0.100		95.7	80-120			
Toluene	0.0909	0.00100	"	0.100		90.9	80-120			
Ethylbenzene	0.0863	0.00100	"	0.100		86.3	80-120			
Xylene (p/m)	0.168	0.00200	"	0.200		83.8	80-120			
Xylene (o)	0.0870	0.00100	"	0.100		87.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.106*		*"*	*0.120*		*88.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4K1503 - * DEFAULT PREP *** **										
Matrix Spike (P4K1503-MS1)	**Source: 4K15002-01**			Prepared: 11/15/24 Analyzed: 11/18/24						
Benzene	0.0787	0.00100	mg/L	0.100	ND	78.7	80-120			QM-05
Toluene	0.0699	0.00100	"	0.100	ND	69.9	80-120			QM-05
Ethylbenzene	0.0617	0.00100	"	0.100	ND	61.7	80-120			QM-05
Xylene (p/m)	0.118	0.00200	"	0.200	ND	59.2	80-120			QM-05
Xylene (o)	0.0639	0.00100	"	0.100	ND	63.9	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.111*		"	*0.120*		*92.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*80-120*			
Matrix Spike Dup (P4K1503-MSD1)	**Source: 4K15002-01**			Prepared: 11/15/24 Analyzed: 11/18/24						
Benzene	0.0933	0.00100	mg/L	0.100	ND	93.3	80-120	17.0	20	
Toluene	0.0887	0.00100	"	0.100	ND	88.7	80-120	23.6	20	QM-05
Ethylbenzene	0.0837	0.00100	"	0.100	ND	83.7	80-120	30.2	20	QM-05
Xylene (p/m)	0.161	0.00200	"	0.200	ND	80.3	80-120	30.3	20	QM-05
Xylene (o)	0.0833	0.00100	"	0.100	ND	83.3	80-120	26.4	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*94.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*103*	*80-120*			

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4K1502 - * DEFAULT PREP *** **										
Blank (P4K1502-BLK1)				Prepared & Analyzed: 11/15/24						
Nitrate as N	ND	0.200	mg/L							
Sulfate	ND	1.00	"							
LCS (P4K1502-BS1)				Prepared & Analyzed: 11/15/24						
Sulfate	19.8		mg/L	20.0		99.1	90-110			
Nitrate as N	18.8		"	20.0		94.2	90-110			
LCS Dup (P4K1502-BSD1)				Prepared & Analyzed: 11/15/24						
Nitrate as N	18.8		mg/L	20.0		94.2	90-110	0.00531	10	
Sulfate	19.5		"	20.0		97.7	90-110	1.51	10	
Calibration Check (P4K1502-CCV1)				Prepared & Analyzed: 11/15/24						
Sulfate	20.3		mg/L	20.0		102	90-110			
Nitrate as N	18.8		"	20.0		94.2	90-110			
Calibration Check (P4K1502-CCV2)				Prepared & Analyzed: 11/15/24						
Sulfate	21.5		mg/L	20.0		107	90-110			
Nitrate as N	18.9		"	20.0		94.7	90-110			
Matrix Spike (P4K1502-MS1)	**Source: 4K15002-01**			Prepared & Analyzed: 11/15/24						
Sulfate	3520		mg/L	100	3870	NR	80-120			QM-05
Nitrate as N	19.8		"	20.0	0.781	95.0	80-120			
Matrix Spike Dup (P4K1502-MSD1)	**Source: 4K15002-01**			Prepared & Analyzed: 11/15/24						
Nitrate as N	19.8		mg/L	20.0	0.781	95.2	80-120	0.162	20	
Sulfate	3520		"	100	3870	NR	80-120	0.0146	20	QM-05

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4K2010 - * DEFAULT PREP *** **										
Blank (P4K2010-BLK1)				Prepared & Analyzed: 11/20/24						
Chemical Oxygen Demand	ND	2.00	mg/L							
Batch P4K2011 - * DEFAULT PREP *** **										
Blank (P4K2011-BLK1)				Prepared & Analyzed: 11/20/24						
Chemical Oxygen Demand	ND	0.0200	mg/L							

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

Notes and Definitions

SUB-13	Subcontract of analyte/analysis to ALS Houston.
ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
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: Brent Barron Date: 12/2/2024

Brent Barron, Laboratory Director/Technical Director

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: 97-18_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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.

Page 472 of 555

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jon Repman
Company Name: TRC Companies
Company Address: 10 Desta Drive, Suite 410E
City/State/Zip: Midland, TX 79705
Telephone No: (432) 208-5219 **Fax No:**
Sampler Signature: Manuel Herrera

Project Name: Plains Marketing, L.P.
Project #: TNM 97-18
Project Loc: Lea County, New Mexico
PO #: SRS TNM 97-18
Report Format: ☐ Standard ☐ TRRP ☐ NPDES
e-mail: jrepman@trccompanies.com, Camille.Bryant@plains.com, Karolanne.Hudgens@plains.com

(lab use only)
ORDER #: 4K15002

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: / TOTAL: Total BTEX by 8260	PAH by 8270	TOC MW 5310	Dissolve Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulface by E300	COD by SM 5310	HOLD	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW 1			11-14-24	0828			X	1	6	2					GW	X		X	X	X	X	X			
2	MW 2				0941																					
3	MW 4				1050													X								
4	MW 6				1155																					
5	MW 24				1240																					
6	RW 2				1346																					

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	11-15-24	0800			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: Claire Talbot	Date 11.15.24	Time 8:55

Laboratory Comments:

Sample Containers Intact?	Y	N
Labels on container(s)	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. ?		

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 4.0 °C Thermometor: NCF3
Adjusted: °C Factor:

Received by OCD: 11/6/2025 3:23:03 PM

Released to Imaging: 11/10/2025 11:04:12 AM

Released to Imaging: 11/10/2025 11:04:12 AM
Received by OCD: 11/6/2025 3:23:03 PM

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:** X Standard ☐ TRRP ☐ NPDES

Sampler Signature: N/A — e-mail: brentbarron@pbelab.com

ORDER #: :

LAB # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	NaOH/Zn	NONE 500ML POLY 250 MIL POLY 500 ML WM AMBER GLASS	NONE	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: RSKSOP 175 PPM	ROC-415.1	Fe DISS ICPMS 6020A	Mn DISS ICP MS 6020A	8270C PAH LL								24 HOUR RUSH	STANDARD
	4K15002-01			11/14/2024	8:28	Y	5	X	X	X	X					WATER	X	X	X	X										X
	4K15002-02			11/14/2024	9:41	Y	5	X	X	X	X					WATER	X	X	X	X										X
	4K15002-03			11/14/2024	10:50	Y	8	X	X	X	X				X	WATER	X	X	X	X	X									X
	4K15002-04			11/14/2024	11:55	Y	5	X	X	X	X					WATER	X	X	X	X										X
	4K15002-05			11/14/2024	12:40	Y	5	X	X	X	X					WATER	X	X	X	X										X
	4K15002-06			11/14/2024	13:46	Y	5	X	X	X	X					WATER	X	X	X	X										X

Please add tressa@pbelab.com to the WOA. Thank you.

BRENT BARRON	11/18/2024	5:00 PM	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 27, 2024

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

Work Order: **HS24111202**

Laboratory Results for: **4K15002**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Nov 19, 2024 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
Jessica Monfore
Project manager

ALS Houston, US Date: 27-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15002
Work Order: HS24111202

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24111202-01	4K15002-01	Water		14-Nov-2024 08:28	19-Nov-2024 09:00	☐
HS24111202-02	4K15002-02	Water		14-Nov-2024 09:41	19-Nov-2024 09:00	☐
HS24111202-03	4K15002-03	Water		14-Nov-2024 10:50	19-Nov-2024 09:00	☐
HS24111202-04	4K15002-04	Water		14-Nov-2024 11:55	19-Nov-2024 09:00	☐
HS24111202-05	4K15002-05	Water		14-Nov-2024 12:40	19-Nov-2024 09:00	☐
HS24111202-06	4K15002-06	Water		14-Nov-2024 13:46	19-Nov-2024 09:00	☐

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 27-Nov-24

Client: Permian Basin Environmental Lab, LP **CASE NARRATIVE**
Project: 4K15002
Work Order: HS24111202

GC Semivolatiles by Method RSK-175

Batch ID: R500759

Sample ID: HS24111185-07MS

- MS/MSD was performed on an unrelated sample.

GCMS Semivolatiles by Method SW8270

Batch ID: 220887

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

Metals by Method SW6020A

Batch ID: 220920

Sample ID: 4K15002-01 (HS24111202-01)

- The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes.

Sample ID: 4K15002-01 (HS24111202-01MS)

- The recovery of the Matrix Spike (MS) associated to this analyte was outside of the established control limits. However, the LCS was within control limits. The recovery of the MS may be due to sample matrix interference. Aluminum.

Sample ID: 4K15002-01 (HS24111202-01MSD)

- The MS and/or MSD recovery was outside of the control; however, the result in the parent sample is greater than 4x the spike amount. Arsenic, Strontium.
- The recovery of the Matrix Spike Duplicate (MSD) associated to this analyte was outside of the established control limits. However, the LCS was within control limits. The failed recovery of the MSD may be due to sample matrix interference. Aluminum.

Sample ID: 4K15002-02 (HS24111202-02)

- The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes.

Sample ID: 4K15002-03 (HS24111202-03)

- The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes.

Sample ID: 4K15002-04 (HS24111202-04)

- The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes.

Sample ID: 4K15002-06 (HS24111202-06)

- The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes.

WetChemistry by Method E415.1

Batch ID: R500730,R500882

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 27-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15002
Sample ID: 4K15002-01
Collection Date: 14-Nov-2024 08:28

ANALYTICAL REPORT
WorkOrder:HS24111202
Lab ID:HS24111202-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	22-Nov-2024 09:36
Ethene	ND		1.00	ug/L	1	22-Nov-2024 09:36
Methane	**1.98**		**0.500**	**ug/L**	1	22-Nov-2024 09:36
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 21-Nov-2024		Analyst: JC
Arsenic	**1.80**		**0.0100**	**mg/L**	5	22-Nov-2024 22:44
Barium	ND		0.0200	mg/L	5	22-Nov-2024 22:44
Cadmium	ND		0.0100	mg/L	5	22-Nov-2024 22:44
Chromium	ND		0.0200	mg/L	5	22-Nov-2024 22:44
Iron	ND		1.00	mg/L	5	22-Nov-2024 22:44
Lead	ND		0.0100	mg/L	5	22-Nov-2024 22:44
Manganese	**0.0406**		**0.0250**	**mg/L**	5	22-Nov-2024 22:44
Strontium	**12.6**		**0.250**	**mg/L**	50	25-Nov-2024 14:14
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**18.2**		**1.00**	**mg/L**	1	21-Nov-2024 23:39

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 27-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15002
Sample ID: 4K15002-02
Collection Date: 14-Nov-2024 09:41

ANALYTICAL REPORT
WorkOrder:HS24111202
Lab ID:HS24111202-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	22-Nov-2024 09:44
Ethene	ND		1.00	ug/L	1	22-Nov-2024 09:44
Methane	**16.1**		**0.500**	**ug/L**	1	22-Nov-2024 09:44
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 21-Nov-2024		Analyst: JC
Arsenic	**0.697**		**0.00400**	**mg/L**	2	25-Nov-2024 14:20
Barium	**0.0124**		**0.00800**	**mg/L**	2	25-Nov-2024 14:20
Cadmium	ND		0.00400	mg/L	2	25-Nov-2024 14:20
Chromium	ND		0.00800	mg/L	2	25-Nov-2024 14:20
Iron	ND		0.400	mg/L	2	25-Nov-2024 14:20
Lead	ND		0.00400	mg/L	2	25-Nov-2024 14:20
Manganese	**0.0384**		**0.0100**	**mg/L**	2	25-Nov-2024 14:20
Strontium	**11.9**		**0.250**	**mg/L**	50	25-Nov-2024 14:22
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**11.9**		**1.00**	**mg/L**	1	21-Nov-2024 23:50

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

ALS Houston, US Date: 27-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15002
Sample ID: 4K15002-03
Collection Date: 14-Nov-2024 10:50

ANALYTICAL REPORT
WorkOrder:HS24111202
Lab ID:HS24111202-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ULTRA LVI SEMIVOLATILES BY 8270D		**Method:SW8270**		Prep:SW3510 / 20-Nov-2024		Analyst: EC
1-Methylnaphthalene	**17.2**	n	**0.0833**	**ug/L**	1	22-Nov-2024 13:36
2-Methylnaphthalene	**7.32**		**0.0833**	**ug/L**	1	22-Nov-2024 13:36
Acenaphthene	ND		0.0833	ug/L	1	22-Nov-2024 13:36
Acenaphthylene	**0.224**		**0.0833**	**ug/L**	1	22-Nov-2024 13:36
Anthracene	ND		0.0833	ug/L	1	22-Nov-2024 13:36
Benz(a)anthracene	ND		0.0833	ug/L	1	22-Nov-2024 13:36
Benzo(a)pyrene	ND		0.0833	ug/L	1	22-Nov-2024 13:36
Benzo(b)fluoranthene	ND		0.0833	ug/L	1	22-Nov-2024 13:36
Benzo(g,h,i)perylene	ND		0.0833	ug/L	1	22-Nov-2024 13:36
Benzo(k)fluoranthene	ND		0.0833	ug/L	1	22-Nov-2024 13:36
Chrysene	ND		0.0833	ug/L	1	22-Nov-2024 13:36
Dibenz(a,h)anthracene	ND		0.0833	ug/L	1	22-Nov-2024 13:36
Fluoranthene	ND		0.0833	ug/L	1	22-Nov-2024 13:36
Fluorene	**1.60**		**0.0833**	**ug/L**	1	22-Nov-2024 13:36
Indeno(1,2,3-cd)pyrene	ND		0.0833	ug/L	1	22-Nov-2024 13:36
Naphthalene	**10.3**		**0.0833**	**ug/L**	1	22-Nov-2024 13:36
Phenanthrene	**1.25**		**0.0833**	**ug/L**	1	22-Nov-2024 13:36
Pyrene	ND		0.0833	ug/L	1	22-Nov-2024 13:36
Surr: 2-Fluorobiphenyl	*71.0*		*40-125*	*%REC*	*1*	*22-Nov-2024 13:36*
Surr: 4-Terphenyl-d14	*92.9*		*40-135*	*%REC*	*1*	*22-Nov-2024 13:36*
Surr: Nitrobenzene-d5	*74.8*		*41-120*	*%REC*	*1*	*22-Nov-2024 13:36*
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	**2.57**		**1.00**	**ug/L**	1	22-Nov-2024 09:52
Ethene	ND		1.00	ug/L	1	22-Nov-2024 09:52
Methane	**551**		**10.0**	**ug/L**	20	22-Nov-2024 14:35
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 21-Nov-2024		Analyst: JC
Arsenic	**0.701**		**0.00400**	**mg/L**	2	25-Nov-2024 14:24
Barium	**0.0555**		**0.00800**	**mg/L**	2	25-Nov-2024 14:24
Cadmium	ND		0.00400	mg/L	2	25-Nov-2024 14:24
Chromium	ND		0.00800	mg/L	2	25-Nov-2024 14:24
Iron	ND		0.400	mg/L	2	25-Nov-2024 14:24
Lead	ND		0.00400	mg/L	2	25-Nov-2024 14:24
Manganese	ND		0.0100	mg/L	2	25-Nov-2024 14:24
Strontium	**37.4**		**0.250**	**mg/L**	50	25-Nov-2024 14:28
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**114**		**10.0**	**mg/L**	10	23-Nov-2024 16:35

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 27-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15002
Sample ID: 4K15002-04
Collection Date: 14-Nov-2024 11:55

ANALYTICAL REPORT
WorkOrder:HS24111202
Lab ID:HS24111202-04
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	22-Nov-2024 10:04
Ethene	ND		1.00	ug/L	1	22-Nov-2024 10:04
Methane	**7.72**		**0.500**	**ug/L**	1	22-Nov-2024 10:04
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 21-Nov-2024		Analyst: JC
Arsenic	**2.67**		**0.0100**	**mg/L**	5	22-Nov-2024 23:04
Barium	ND		0.0200	mg/L	5	22-Nov-2024 23:04
Cadmium	ND		0.0100	mg/L	5	22-Nov-2024 23:04
Chromium	ND		0.0200	mg/L	5	22-Nov-2024 23:04
Iron	ND		1.00	mg/L	5	22-Nov-2024 23:04
Lead	ND		0.0100	mg/L	5	22-Nov-2024 23:04
Manganese	**0.0402**		**0.0250**	**mg/L**	5	22-Nov-2024 23:04
Strontium	**11.7**		**0.250**	**mg/L**	50	25-Nov-2024 14:40
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**28.0**		**1.00**	**mg/L**	1	22-Nov-2024 00:14

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 27-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15002
Sample ID: 4K15002-05
Collection Date: 14-Nov-2024 12:40

ANALYTICAL REPORT
WorkOrder:HS24111202
Lab ID:HS24111202-05
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	**17.0**		**1.00**	**ug/L**	1	22-Nov-2024 10:12
Ethene	ND		1.00	ug/L	1	22-Nov-2024 10:12
Methane	**1,150**		**25.0**	**ug/L**	50	22-Nov-2024 14:43
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 21-Nov-2024		Analyst: JC
Arsenic	**0.772**		**0.00200**	**mg/L**	1	25-Nov-2024 14:42
Barium	**0.0221**		**0.00400**	**mg/L**	1	25-Nov-2024 14:42
Cadmium	ND		0.00200	mg/L	1	25-Nov-2024 14:42
Chromium	ND		0.00400	mg/L	1	25-Nov-2024 14:42
Iron	ND		0.200	mg/L	1	25-Nov-2024 14:42
Lead	ND		0.00200	mg/L	1	25-Nov-2024 14:42
Manganese	ND		0.00500	mg/L	1	25-Nov-2024 14:42
Strontium	**33.5**		**0.250**	**mg/L**	50	25-Nov-2024 14:44
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**126**		**10.0**	**mg/L**	10	23-Nov-2024 16:48

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

ALS Houston, US Date: 27-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15002
Sample ID: 4K15002-06
Collection Date: 14-Nov-2024 13:46

ANALYTICAL REPORT
WorkOrder:HS24111202
Lab ID:HS24111202-06
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	**1.49**		**1.00**	**ug/L**	1	22-Nov-2024 10:23
Ethene	ND		1.00	ug/L	1	22-Nov-2024 10:23
Methane	**70.2**		**1.00**	**ug/L**	2	22-Nov-2024 14:52
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 21-Nov-2024		Analyst: JC
Arsenic	**0.0808**		**0.00400**	**mg/L**	2	25-Nov-2024 14:46
Barium	ND		0.00800	mg/L	2	25-Nov-2024 14:46
Cadmium	ND		0.00400	mg/L	2	25-Nov-2024 14:46
Chromium	ND		0.00800	mg/L	2	25-Nov-2024 14:46
Iron	ND		0.400	mg/L	2	25-Nov-2024 14:46
Lead	ND		0.00400	mg/L	2	25-Nov-2024 14:46
Manganese	**0.0413**		**0.0100**	**mg/L**	2	25-Nov-2024 14:46
Strontium	**13.4**		**0.250**	**mg/L**	50	25-Nov-2024 14:50
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**18.4**		**1.00**	**mg/L**	1	22-Nov-2024 00:37

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US

Date: 27-Nov-24

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 4K15002
WorkOrder: HS24111202

Batch ID: 220887 **Start Date:** 20 Nov 2024 14:30 **End Date:** 20 Nov 2024 14:30
Method: SV AQ SEP FUNNEL ULTRA LVI **Prep Code:** 3510C_MIN_W

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24111202-03		120	1 (mL)	0.008333	40 mL Amber

Batch ID: 220920 **Start Date:** 21 Nov 2024 10:00 **End Date:** 21 Nov 2024 10:00
Method: DISS METALS PREP - WATER - SW3010A **Prep Code:** 3010A DISS

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24111202-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24111202-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24111202-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24111202-04		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24111202-05		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24111202-06		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

ALS Houston, US Date: 27-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15002
WorkOrder: HS24111202

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 220887 (0)	**Test Name :** ULTRA LVI SEMIVOLATILES BY 8270D				**Matrix:** Water	
HS24111202-03	4K15002-03	14 Nov 2024 10:50		20 Nov 2024 14:30	22 Nov 2024 13:36	1
Batch ID: 220920 (0)	**Test Name :** DISSOLVED METALS BY SW6020A				**Matrix:** Water	
HS24111202-01	4K15002-01	14 Nov 2024 08:28		21 Nov 2024 10:00	25 Nov 2024 14:14	50
HS24111202-01	4K15002-01	14 Nov 2024 08:28		21 Nov 2024 10:00	22 Nov 2024 22:44	5
HS24111202-02	4K15002-02	14 Nov 2024 09:41		21 Nov 2024 10:00	25 Nov 2024 14:22	50
HS24111202-02	4K15002-02	14 Nov 2024 09:41		21 Nov 2024 10:00	25 Nov 2024 14:20	2
HS24111202-03	4K15002-03	14 Nov 2024 10:50		21 Nov 2024 10:00	25 Nov 2024 14:28	50
HS24111202-03	4K15002-03	14 Nov 2024 10:50		21 Nov 2024 10:00	25 Nov 2024 14:24	2
HS24111202-04	4K15002-04	14 Nov 2024 11:55		21 Nov 2024 10:00	25 Nov 2024 14:40	50
HS24111202-04	4K15002-04	14 Nov 2024 11:55		21 Nov 2024 10:00	22 Nov 2024 23:04	5
HS24111202-05	4K15002-05	14 Nov 2024 12:40		21 Nov 2024 10:00	25 Nov 2024 14:44	50
HS24111202-05	4K15002-05	14 Nov 2024 12:40		21 Nov 2024 10:00	25 Nov 2024 14:42	1
HS24111202-06	4K15002-06	14 Nov 2024 13:46		21 Nov 2024 10:00	25 Nov 2024 14:50	50
HS24111202-06	4K15002-06	14 Nov 2024 13:46		21 Nov 2024 10:00	25 Nov 2024 14:46	2
Batch ID: R500730 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS24111202-01	4K15002-01	14 Nov 2024 08:28			21 Nov 2024 23:39	1
HS24111202-02	4K15002-02	14 Nov 2024 09:41			21 Nov 2024 23:50	1
HS24111202-04	4K15002-04	14 Nov 2024 11:55			22 Nov 2024 00:14	1
HS24111202-06	4K15002-06	14 Nov 2024 13:46			22 Nov 2024 00:37	1
Batch ID: R500759 (0)	**Test Name :** DISSOLVED GASES BY RSK-175				**Matrix:** Water	
HS24111202-01	4K15002-01	14 Nov 2024 08:28			22 Nov 2024 09:36	1
HS24111202-02	4K15002-02	14 Nov 2024 09:41			22 Nov 2024 09:44	1
HS24111202-03	4K15002-03	14 Nov 2024 10:50			22 Nov 2024 14:35	20
HS24111202-03	4K15002-03	14 Nov 2024 10:50			22 Nov 2024 09:52	1
HS24111202-04	4K15002-04	14 Nov 2024 11:55			22 Nov 2024 10:04	1
HS24111202-05	4K15002-05	14 Nov 2024 12:40			22 Nov 2024 14:43	50
HS24111202-05	4K15002-05	14 Nov 2024 12:40			22 Nov 2024 10:12	1
HS24111202-06	4K15002-06	14 Nov 2024 13:46			22 Nov 2024 14:52	2
HS24111202-06	4K15002-06	14 Nov 2024 13:46			22 Nov 2024 10:23	1
Batch ID: R500882 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS24111202-03	4K15002-03	14 Nov 2024 10:50			23 Nov 2024 16:35	10
HS24111202-05	4K15002-05	14 Nov 2024 12:40			23 Nov 2024 16:48	10

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 27-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15002
WorkOrder: HS24111202

QC BATCH REPORT

Batch ID: R500759 (0) **Instrument: FID-4** **Method: DISSOLVED GASES BY RSK-175**

MBLK Sample ID: **MBLK-241122** Units: **ug/L** Analysis Date: **22-Nov-2024 09:10**
Client ID: Run ID: **FID-4_500759** SeqNo: **8546324** 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-241122** Units: **ug/L** Analysis Date: **22-Nov-2024 09:18**
Client ID: Run ID: **FID-4_500759** SeqNo: **8546325** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	16.68	1.00	18.04	0	92.5	75 - 125				
Ethene	16.31	1.00	16.8	0	97.1	75 - 125				
Methane	9.599	0.500	9.647	0	99.5	75 - 125				

LCSD Sample ID: **LCSD-241122** Units: **ug/L** Analysis Date: **22-Nov-2024 09:27**
Client ID: Run ID: **FID-4_500759** SeqNo: **8546326** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	16.64	1.00	18.04	0	92.2	75 - 125	16.68	0.263	30	
Ethene	15.98	1.00	16.8	0	95.1	75 - 125	16.31	2.03	30	
Methane	9.044	0.500	9.647	0	93.7	75 - 125	9.599	5.96	30	

MS Sample ID: **HS24111185-07MS** Units: **ug/L** Analysis Date: **22-Nov-2024 12:36**
Client ID: Run ID: **FID-4_500759** SeqNo: **8546343** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	21.58	1.00	18.04	4.744	93.3	75 - 125				
Ethene	15.95	1.00	16.8	0	94.9	75 - 125				
Methane	124.5	0.500	9.647	121	36.8	75 - 125				SEO

ALS Houston, US Date: 27-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15002
WorkOrder: HS24111202

QC BATCH REPORT

Batch ID: R500759 (0) **Instrument:** FID-4 **Method:** DISSOLVED GASES BY RSK-175

MSD Sample ID: **HS24111185-07MSD** Units: **ug/L** Analysis Date: **22-Nov-2024 12:45**
Client ID: Run ID: **FID-4_500759** SeqNo: **8546344** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	21.33	1.00	18.04	4.744	91.9	75 - 125	21.58	1.21	30	
Ethene	15.74	1.00	16.8	0	93.7	75 - 125	15.95	1.32	30	
Methane	119.2	0.500	9.647	121	-19.0	75 - 125	124.5	4.42	30	SEO

The following samples were analyzed in this batch: HS24111202-01 HS24111202-02 HS24111202-03 HS24111202-04 HS24111202-05 HS24111202-06

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 27-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15002
WorkOrder: HS24111202

QC BATCH REPORT

Batch ID: 220920 (0) **Instrument: ICPMS06** **Method: DISSOLVED METALS BY SW6020A (DISSOLVED)**

MBLK Sample ID: **MBLK-220920** Units: **mg/L** Analysis Date: **22-Nov-2024 21:55**
Client ID: Run ID: **ICPMS06_500724** SeqNo: **8547510** PrepDate: **21-Nov-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.00200								
Barium	ND	0.00400								
Cadmium	ND	0.00200								
Chromium	ND	0.00400								
Iron	ND	0.200								
Lead	ND	0.00200								
Manganese	ND	0.00500								
Strontium	ND	0.00500								

LCS Sample ID: **LCS-220920** Units: **mg/L** Analysis Date: **22-Nov-2024 21:57**
Client ID: Run ID: **ICPMS06_500724** SeqNo: **8547511** PrepDate: **21-Nov-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.04476	0.00200	0.05	0	89.5	80 - 120				
Barium	0.04633	0.00400	0.05	0	92.7	80 - 120				
Cadmium	0.04527	0.00200	0.05	0	90.5	80 - 120				
Chromium	0.04451	0.00400	0.05	0	89.0	80 - 120				
Iron	4.514	0.200	5	0	90.3	80 - 120				
Lead	0.0454	0.00200	0.05	0	90.8	80 - 120				
Manganese	0.04525	0.00500	0.05	0	90.5	80 - 120				
Strontium	0.09082	0.00500	0.1	0	90.8	80 - 120				

MS Sample ID: **HS24111202-01MS** Units: **mg/L** Analysis Date: **22-Nov-2024 22:48**
Client ID: **4K15002-01** Run ID: **ICPMS06_500724** SeqNo: **8547490** PrepDate: **21-Nov-2024** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	1.823	0.0100	0.05	1.798	49.4	75 - 125				SO
Barium	0.05648	0.0200	0.05	0.01129	90.4	75 - 125				
Cadmium	0.04201	0.0100	0.05	0	84.0	75 - 125				
Chromium	0.05159	0.0200	0.05	0.00736	88.5	75 - 125				
Iron	4.633	1.00	5	0.1813	89.0	75 - 125				
Lead	0.04397	0.0100	0.05	0	87.9	75 - 125				
Manganese	0.0828	0.0250	0.05	0.04062	84.4	75 - 125				
Strontium	12.56	0.0250	0.1	12.45	113	75 - 125				EO

ALS Houston, US Date: 27-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15002
WorkOrder: HS24111202

QC BATCH REPORT

Batch ID: 220920 (0) **Instrument:** ICPMS06 **Method:** DISSOLVED METALS BY SW6020A (DISSOLVED)

MSD Sample ID: **HS24111202-01MSD** Units: **mg/L** Analysis Date: **22-Nov-2024 22:50**
Client ID: **4K15002-01** Run ID: **ICPMS06_500724** SeqNo: **8547491** PrepDate: **21-Nov-2024** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	1.779	0.0100	0.05	1.798	-38.0	75 - 125	1.823	2.43	20	SO
Barium	0.05499	0.0200	0.05	0.01129	87.4	75 - 125	0.05648	2.68	20	
Cadmium	0.04253	0.0100	0.05	0	85.1	75 - 125	0.04201	1.24	20	
Chromium	0.05064	0.0200	0.05	0.00736	86.6	75 - 125	0.05159	1.87	20	
Iron	4.512	1.00	5	0.1813	86.6	75 - 125	4.633	2.66	20	
Lead	0.04284	0.0100	0.05	0	85.7	75 - 125	0.04397	2.59	20	
Manganese	0.08052	0.0250	0.05	0.04062	79.8	75 - 125	0.0828	2.79	20	
Strontium	12.12	0.0250	0.1	12.45	-330	75 - 125	12.56	3.59	20	SEO

PDS Sample ID: **HS24111202-01PDS** Units: **mg/L** Analysis Date: **22-Nov-2024 22:52**
Client ID: **4K15002-01** Run ID: **ICPMS06_500724** SeqNo: **8547492** PrepDate: **21-Nov-2024** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	2.762	0.0100	1	1.798	96.4	75 - 125				
Barium	1.005	0.0200	1	0.01129	99.3	75 - 125				
Cadmium	0.936	0.0100	1	0	93.6	75 - 125				
Chromium	0.9441	0.0200	1	0.00736	93.7	75 - 125				
Iron	96.25	1.00	100	0.1813	96.1	75 - 125				
Lead	0.9764	0.0100	1	0	97.6	75 - 125				
Manganese	0.9943	0.0250	1	0.04062	95.4	75 - 125				

PDS Sample ID: **HS24111202-01PDS** Units: **mg/L** Analysis Date: **25-Nov-2024 14:18**
Client ID: **4K15002-01** Run ID: **ICPMS06_500886** SeqNo: **8550601** PrepDate: **21-Nov-2024** DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Strontium	17.3	0.250	5	12.56	94.9	75 - 125				

ALS Houston, US Date: 27-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15002
WorkOrder: HS24111202

QC BATCH REPORT

Batch ID: 220920 (0) **Instrument:** ICPMS06 **Method:** DISSOLVED METALS BY SW6020A (DISSOLVED)

SD Sample ID: **HS24111202-01SD** Units: **mg/L** Analysis Date: **22-Nov-2024 22:46**
Client ID: **4K15002-01** Run ID: **ICPMS06_500724** SeqNo: **8547489** PrepDate: **21-Nov-2024** DF: **25**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Arsenic	1.7	0.0500					1.798	5.45	10	
Barium	ND	0.100					0.01129	0	10	
Cadmium	ND	0.0500					-0.000089	0	10	
Chromium	0.01402	0.100					0.00736	0	10	J
Iron	ND	5.00					0.1813	0	10	
Lead	ND	0.0500					0.000251	0	10	
Manganese	0.03711	0.125					0.04062	0	10	J

SD Sample ID: **HS24111202-01SD** Units: **mg/L** Analysis Date: **25-Nov-2024 14:16**
Client ID: **4K15002-01** Run ID: **ICPMS06_500886** SeqNo: **8550600** PrepDate: **21-Nov-2024** DF: **250**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Strontium	13.03	1.25					12.56	3.77	10	

The following samples were analyzed in this batch: HS24111202-01 HS24111202-02 HS24111202-03 HS24111202-04 HS24111202-05 HS24111202-06

ALS Houston, US Date: 27-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15002
WorkOrder: HS24111202

QC BATCH REPORT

Batch ID: 220887 (0) **Instrument: SV-11** **Method: ULTRA LVI SEMIVOLATILES BY 8270D**

MBLK Sample ID: **MBLK-220887** Units: **ug/L** Analysis Date: **22-Nov-2024 11:14**
Client ID: Run ID: **SV-11_500830** SeqNo: **8548094** PrepDate: **20-Nov-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	ND	0.100								
2-Methylnaphthalene	ND	0.100								
Acenaphthene	ND	0.100								
Acenaphthylene	ND	0.100								
Anthracene	ND	0.100								
Benz(a)anthracene	ND	0.100								
Benzo(a)pyrene	ND	0.100								
Benzo(b)fluoranthene	ND	0.100								
Benzo(g,h,i)perylene	ND	0.100								
Benzo(k)fluoranthene	ND	0.100								
Chrysene	ND	0.100								
Dibenz(a,h)anthracene	ND	0.100								
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	*4.031*	*0*	*5*	*0*	*80.6*	*40 - 125*				
Surr: 4-Terphenyl-d14	*4.203*	*0*	*5*	*0*	*84.1*	*40 - 135*				
Surr: Nitrobenzene-d5	*3.497*	*0*	*5*	*0*	*69.9*	*41 - 120*				

ALS Houston, US Date: 27-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15002
WorkOrder: HS24111202

QC BATCH REPORT

Batch ID: 220887 (0) **Instrument: SV-11** **Method: ULTRA LVI SEMIVOLATILES BY 8270D**

LCS Sample ID: **LCS-220887** Units: **ug/L** Analysis Date: **22-Nov-2024 11:32**
Client ID: Run ID: **SV-11_500830** SeqNo: **8548095** PrepDate: **20-Nov-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.075	0.100	5	0	61.5	45 - 120				
2-Methylnaphthalene	3.074	0.100	5	0	61.5	50 - 120				
Acenaphthene	3.258	0.100	5	0	65.2	47 - 145				
Acenaphthylene	3.125	0.100	5	0	62.5	47 - 120				
Anthracene	3.195	0.100	5	0	63.9	45 - 120				
Benz(a)anthracene	3.204	0.100	5	0	64.1	40 - 120				
Benzo(a)pyrene	3.147	0.100	5	0	62.9	42 - 127				
Benzo(b)fluoranthene	3.471	0.100	5	0	69.4	50 - 120				
Benzo(g,h,i)perylene	3.061	0.100	5	0	61.2	42 - 127				
Benzo(k)fluoranthene	3.343	0.100	5	0	66.9	50 - 120				
Chrysene	3.623	0.100	5	0	72.5	43 - 120				
Dibenz(a,h)anthracene	3.293	0.100	5	0	65.9	35 - 125				
Fluoranthene	3.269	0.100	5	0	65.4	45 - 125				
Fluorene	3.117	0.100	5	0	62.3	59 - 121				
Indeno(1,2,3-cd)pyrene	3.286	0.100	5	0	65.7	41 - 128				
Naphthalene	3.076	0.100	5	0	61.5	50 - 150				
Phenanthrene	3.367	0.100	5	0	67.3	54 - 120				
Pyrene	3.385	0.100	5	0	67.7	40 - 130				
Surr: 2-Fluorobiphenyl	*3.721*	*0*	*5*	*0*	*74.4*	*40 - 125*				
Surr: 4-Terphenyl-d14	*3.822*	*0*	*5*	*0*	*76.4*	*40 - 135*				
Surr: Nitrobenzene-d5	*3.167*	*0*	*5*	*0*	*63.3*	*41 - 120*				

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 27-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15002
WorkOrder: HS24111202

QC BATCH REPORT

Batch ID: 220887 (0) **Instrument: SV-11** **Method: ULTRA LVI SEMIVOLATILES BY 8270D**

LCSD Sample ID: **LCSD-220887** Units: **ug/L** Analysis Date: **22-Nov-2024 11:49**
Client ID: Run ID: **SV-11_500830** SeqNo: **8548096** PrepDate: **20-Nov-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.021	0.100	5	0	60.4	45 - 125	3.075	1.76	20	
2-Methylnaphthalene	2.948	0.100	5	0	59.0	50 - 120	3.074	4.2	20	
Acenaphthene	3.31	0.100	5	0	66.2	47 - 145	3.258	1.58	20	
Acenaphthylene	3.142	0.100	5	0	62.8	47 - 120	3.125	0.527	20	
Anthracene	3.312	0.100	5	0	66.2	45 - 120	3.195	3.59	20	
Benz(a)anthracene	3.068	0.100	5	0	61.4	40 - 120	3.204	4.33	20	
Benzo(a)pyrene	3.054	0.100	5	0	61.1	42 - 127	3.147	3.01	20	
Benzo(b)fluoranthene	3.285	0.100	5	0	65.7	50 - 120	3.471	5.49	20	
Benzo(g,h,i)perylene	3.064	0.100	5	0	61.3	42 - 127	3.061	0.0862	20	
Benzo(k)fluoranthene	3.091	0.100	5	0	61.8	50 - 120	3.343	7.82	20	
Chrysene	3.409	0.100	5	0	68.2	43 - 120	3.623	6.08	20	
Dibenz(a,h)anthracene	3.125	0.100	5	0	62.5	35 - 125	3.293	5.24	20	
Fluoranthene	3.263	0.100	5	0	65.3	45 - 125	3.269	0.179	20	
Fluorene	3.203	0.100	5	0	64.1	59 - 121	3.117	2.7	20	
Indeno(1,2,3-cd)pyrene	3.265	0.100	5	0	65.3	41 - 128	3.286	0.634	20	
Naphthalene	3.022	0.100	5	0	60.4	50 - 150	3.076	1.77	20	
Phenanthrene	3.354	0.100	5	0	67.1	54 - 120	3.367	0.375	20	
Pyrene	3.416	0.100	5	0	68.3	40 - 130	3.385	0.918	20	
Surr: 2-Fluorobiphenyl	*3.936*	*0*	*5*	*0*	*78.7*	*40 - 125*	*3.721*	*5.6*	*20*	
Surr: 4-Terphenyl-d14	*4.043*	*0*	*5*	*0*	*80.9*	*40 - 135*	*3.822*	*5.62*	*20*	
Surr: Nitrobenzene-d5	*3.356*	*0*	*5*	*0*	*67.1*	*41 - 120*	*3.167*	*5.79*	*20*	

The following samples were analyzed in this batch: HS24111202-03

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 27-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15002
WorkOrder: HS24111202

QC BATCH REPORT

Batch ID: R500730 (0) **Instrument: TOC_04** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-1121024** Units: **mg/L** Analysis Date: **21-Nov-2024 22:53**
Client ID: Run ID: **TOC_04_500730** SeqNo: **8545691** 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-11212024** Units: **mg/L** Analysis Date: **21-Nov-2024 23:06**
Client ID: Run ID: **TOC_04_500730** SeqNo: **8545692** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.03	1.00	10	0	100	85 - 115				

LCSD Sample ID: **LCSD-11212024** Units: **mg/L** Analysis Date: **21-Nov-2024 23:17**
Client ID: Run ID: **TOC_04_500730** SeqNo: **8545693** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.868	1.00	10	0	98.7	85 - 115	10.03	1.63	20	

MS Sample ID: **HS24111233-01MS** Units: **mg/L** Analysis Date: **22-Nov-2024 01:43**
Client ID: Run ID: **TOC_04_500730** SeqNo: **8545704** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	22.18	1.00	10	10.69	115	80 - 120				

The following samples were analyzed in this batch: HS24111202-01 HS24111202-02 HS24111202-04 HS24111202-06

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 27-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15002
WorkOrder: HS24111202

QC BATCH REPORT

Batch ID: R500882 (0) **Instrument: TOC_05** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-11232024** Units: **mg/L** Analysis Date: **23-Nov-2024 15:55**
Client ID: Run ID: **TOC_05_500882** SeqNo: **8549502** 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-11232024** Units: **mg/L** Analysis Date: **23-Nov-2024 16:08**
Client ID: Run ID: **TOC_05_500882** SeqNo: **8549503** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.23	1.00	10	0	102	85 - 115				

LCSD Sample ID: **LCSD-11232024** Units: **mg/L** Analysis Date: **23-Nov-2024 16:21**
Client ID: Run ID: **TOC_05_500882** SeqNo: **8549504** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.25	1.00	10	0	102	85 - 115	10.23	0.195	20	

MS Sample ID: **HS24111233-05MS** Units: **mg/L** Analysis Date: **23-Nov-2024 17:30**
Client ID: Run ID: **TOC_05_500882** SeqNo: **8549509** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	21.66	1.00	10	12	96.6	80 - 120				

The following samples were analyzed in this batch: HS24111202-03 HS24111202-05

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 27-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15002
WorkOrder: HS24111202

QUALIFIERS, ACRONYMS, UNITS

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

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

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ALS Houston, US Date: 27-Nov-24

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arizona	AZ0793	27-May-2025
Arkansas	88-00356_2024	27-Mar-2025
California	2919; 2025	30-Apr-2025
Dept of Defense	L24-240	30-Apr-2026
Dept of Defense	L24-239	30-Apr-2026
Florida	E87611-38	30-Jun-2025
Illinois	2000322023-11	31-Jul-2025
Kansas	E-10352 2023-2024	31-Jul-2025
Kentucky	123043	30-Apr-2025
Louisiana	03087 2023-2024	30-Jun-2025
Maine	2024017	23-Jun-2026
Michigan	9971	30-Apr-2025
Nebraska	NE-OS-25-13	30-Apr-2025
New Jersey	TX008	30-Jun-2025
North Carolina	624 - 2024	31-Dec-2024
Pennsylvania	018	30-Jun-2025
Tennessee	04016	30-Apr-2025
Texas	T104704231 TX-C24-00130	30-Apr-2025
Utah	TX026932023-14	31-Jul-2025

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 27-Nov-24

Sample Receipt Checklist

Work Order ID: HS24111202 **Date/Time Received:** 19-Nov-2024 09:00

Client Name: Permian Basin Lab **Received by:** Jacob Coronado

Completed By: /S/ Paresh M. Giga (eSignature) 20-Nov-2024 13:25 (Date/Time) **Reviewed by:** /S/ Jessica Monfore (eSignature) 27-Nov-2024 19:38 (Date/Time)

Matrices: **Water** Carrier 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):	2.2C U/C	IR34	
Cooler(s)/Kit(s):	Red		
Date/Time sample(s) sent to storage:	11/20/24 14:05		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes: 4K15002-03 :
8270 PAH expires 11/21/24

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

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Released to Imaging: 11/10/2025 11:04:12 AM
Received by OCD: 11/6/2025 3:23:03 PM

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

HS24111202
Permian Basin Environmental Lab, LP
4K15002

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

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

ORDER #:

LAB # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	NaOH/Zn	NONE 500ML POLY 250 MIL POLY 500 ML WM AMBER GLASS	NONE	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: RSKSOP 175 PPM	8260C-415.1	Fe DISS ICPMS 6020A	Mn DISS ICP MS 6020A	8270C PAH LL	24 HOUR RUSH	STANDARD
	4K15002-01			11/14/2024	8:28	Y	5	X	X	X	X					WATER	X	X	X	X			X
	4K15002-02			11/14/2024	9:41	Y	5	X	X	X	X					WATER	X	X	X	X			X
	4K15002-03			11/14/2024	10:50	Y	8	X	X	X	X				X	WATER	X	X	X	X	X		X
	4K15002-04			11/14/2024	11:55	Y	5	X	X	X	X					WATER	X	X	X	X			X
	4K15002-05			11/14/2024	12:40	Y	5	X	X	X	X					WATER	X	X	X	X			X
	4K15002-06			11/14/2024	13:46	Y	5	X	X	X	X					WATER	X	X	X	X			X

Please add tressa@pbelab.com to the WOA. Thank you.

BRENT BARRON	11/18/2024	5:00 PM	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date 11/19/24	Time 0900
Relinquished by:	Date	Time	Received by:	Date	Time

Red 2.2

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

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Released to Imaging: 11/10/2025 11:04:12 AM

Received by OCD: 11/6/2025 3:23:03 PM

ORIGIN ID:MAFA (432) 686-7235
TRESSA BLEDSOE
PERMIAN BASIN ENVIRONMENTAL LAB, LP
1400 RANKIN HWY
MIDLAND, TX 79701
UNITED STATES US

SHIP DATE: 18NOV24
ACTWGT: 45.00 LB
CAD: 107136846/INET4535
DIMS: 23x12x13 IN
BILL RECIPIENT

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

REF
INV:
PO:
DEPT:

58CJ5/582E/C6C4

J244024091001uv

FedEx Express

TRK# 0201 **7700 4217 1887**

TUE - 19 NOV 5:00P
STANDARD OVERNIGHT

AB SGRA

77099
TX-US IAH

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. 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.

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

PBELAB

Analytical Report

Prepared for:

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

Project: 97-18
Project Number: TNM 97-18
Location: Lea County, NM

Lab Order Number: 4K15003

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 12/02/24

TRC Solutions- Midland, Texas	Project:	97-18
10 Desta Dr STE 150E	Project Number:	TNM 97-18
Midland TX, 79705	Project Manager:	Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-10	4K15003-04	Water	11/14/24 16:13	11-15-2024 08:58
MW-17	4K15003-05	Water	11/14/24 16:35	11-15-2024 08:58
MW-18	4K15003-06	Water	11/14/24 16:59	11-15-2024 08:58
RW-1	4K15003-07	Water	11/14/24 17:37	11-15-2024 08:58

Per client request on 11/15/24, Samples 4K15003 1-3 were cancelled. All corresponding documentation is attached below.

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-10

4K15003-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.269**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 16:06	EPA 8021B	
Toluene	**0.0106**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 16:06	EPA 8021B	
Ethylbenzene	**0.00850**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 16:06	EPA 8021B	
Xylene (p/m)	**0.0306**	0.00200	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 16:06	EPA 8021B	
Xylene (o)	**0.0396**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 16:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*90.4 %*	*80-120*		*P4K1503*	*11/15/24 12:46*	*11/18/24 16:06*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.0 %*	*80-120*		*P4K1503*	*11/15/24 12:46*	*11/18/24 16:06*	*EPA 8021B*	
PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	**0.0066**	0.00010	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 12:43	8270C	SUB-13
2-Methylnaphthalene	**0.00019**	0.00010	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 12:43	8270C	SUB-13
Acenaphthene	ND	0.00010	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 12:43	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 12:43	8270C	SUB-13
Anthracene	**0.00030**	0.00010	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 12:43	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 12:43	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 12:43	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 12:43	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 12:43	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 12:43	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 12:43	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 12:43	8270C	SUB-13
Dibenzofuran	ND	0.00010	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 12:43	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 12:43	8270C	SUB-13
Fluorene	**0.0025**	0.00010	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 12:43	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 12:43	8270C	SUB-13
Naphthalene	**0.00046**	0.00010	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 12:43	8270C	SUB-13
Phenanthrene	**0.0019**	0.00010	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 12:43	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 12:43	8270C	SUB-13

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-17

4K15003-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**2.25**	0.100	mg/L	100	P4K1503	11/15/24 12:46	11/25/24 15:37	EPA 8021B	
Toluene	**0.00284**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 16:27	EPA 8021B	
Ethylbenzene	**0.00110**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 16:27	EPA 8021B	
Xylene (p/m)	**0.0982**	0.00200	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 16:27	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 16:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*68.9 %*	*80-120*		*P4K1503*	*11/15/24 12:46*	*11/18/24 16:27*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*108 %*	*80-120*		*P4K1503*	*11/15/24 12:46*	*11/18/24 16:27*	*EPA 8021B*	
PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	**0.040**	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:00	8270C	SUB-13
2-Methylnaphthalene	**0.0068**	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:00	8270C	SUB-13
Acenaphthene	**0.00016**	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:00	8270C	SUB-13
Acenaphthylene	**0.00025**	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:00	8270C	SUB-13
Anthracene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:00	8270C	SUB-13
Benzo (a) anthracene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:00	8270C	SUB-13
Benzo (a) pyrene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:00	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:00	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:00	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:00	8270C	SUB-13
Chrysene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:00	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:00	8270C	SUB-13
Dibenzofuran	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:00	8270C	SUB-13
Fluoranthene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:00	8270C	SUB-13
Fluorene	**0.0023**	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:00	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:00	8270C	SUB-13
Naphthalene	**0.019**	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:00	8270C	SUB-13
Phenanthrene	**0.0016**	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:00	8270C	SUB-13
Pyrene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:00	8270C	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-18

4K15003-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**1.13**	0.100	mg/L	100	P4K1503	11/15/24 12:46	11/25/24 15:59	EPA 8021B	
Toluene	**0.00327**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 16:49	EPA 8021B	
Ethylbenzene	**0.0280**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 16:49	EPA 8021B	
Xylene (p/m)	**0.0466**	0.00200	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 16:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 16:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*82.8 %*	*80-120*		*P4K1503*	*11/15/24 12:46*	*11/18/24 16:49*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*110 %*	*80-120*		*P4K1503*	*11/15/24 12:46*	*11/18/24 16:49*	*EPA 8021B*	
PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	**0.028**	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:18	8270C	SUB-13
2-Methylnaphthalene	**0.00027**	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:18	8270C	SUB-13
Acenaphthene	**0.00016**	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:18	8270C	SUB-13
Acenaphthylene	**0.00024**	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:18	8270C	SUB-13
Anthracene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:18	8270C	SUB-13
Benzo (a) anthracene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:18	8270C	SUB-13
Benzo (a) pyrene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:18	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:18	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:18	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:18	8270C	SUB-13
Chrysene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:18	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:18	8270C	SUB-13
Dibenzofuran	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:18	8270C	SUB-13
Fluoranthene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:18	8270C	SUB-13
Fluorene	**0.0027**	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:18	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:18	8270C	SUB-13
Naphthalene	**0.0057**	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:18	8270C	SUB-13
Phenanthrene	**0.0013**	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:18	8270C	SUB-13
Pyrene	ND	0.000083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 13:18	8270C	SUB-13

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

RW-1

4K15003-07 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.187**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 17:10	EPA 8021B	
Toluene	**0.00359**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 17:10	EPA 8021B	
Ethylbenzene	**0.0171**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 17:10	EPA 8021B	
Xylene (p/m)	**0.0599**	0.00200	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 17:10	EPA 8021B	
Xylene (o)	**0.0172**	0.00100	mg/L	1	P4K1503	11/15/24 12:46	11/18/24 17:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.9 %*	*80-120*		*P4K1503*	*11/15/24 12:46*	*11/18/24 17:10*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.7 %*	*80-120*		*P4K1503*	*11/15/24 12:46*	*11/18/24 17:10*	*EPA 8021B*	
PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	**0.017**	0.00083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 18:20	8270C	SUB-13
2-Methylnaphthalene	**0.012**	0.00083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 18:20	8270C	SUB-13
Acenaphthene	ND	0.00083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 18:20	8270C	SUB-13
Acenaphthylene	ND	0.00083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 18:20	8270C	SUB-13
Anthracene	ND	0.00083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 18:20	8270C	SUB-13
Benzo (a) anthracene	ND	0.00083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 18:20	8270C	SUB-13
Benzo (a) pyrene	ND	0.00083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 18:20	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 18:20	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 18:20	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 18:20	8270C	SUB-13
Chrysene	ND	0.00083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 18:20	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 18:20	8270C	SUB-13
Dibenzofuran	ND	0.00083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 18:20	8270C	SUB-13
Fluoranthene	ND	0.00083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 18:20	8270C	SUB-13
Fluorene	**0.0015**	0.00083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 18:20	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 18:20	8270C	SUB-13
Naphthalene	**0.012**	0.00083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 18:20	8270C	SUB-13
Phenanthrene	**0.0020**	0.00083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 18:20	8270C	SUB-13
Pyrene	ND	0.00083	mg/L	1	P4K2708	11/20/24 12:45	11/22/24 18:20	8270C	SUB-13

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4K1503 - * DEFAULT PREP *** **										
Blank (P4K1503-BLK1)				Prepared: 11/15/24 Analyzed: 11/18/24						
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	*0.108*		"	*0.120*		*90.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*103*	*80-120*			
LCS (P4K1503-BS1)				Prepared: 11/15/24 Analyzed: 11/18/24						
Benzene	0.0888	0.00100	mg/L	0.100		88.8	80-120			
Toluene	0.0862	0.00100	"	0.100		86.2	80-120			
Ethylbenzene	0.0837	0.00100	"	0.100		83.7	80-120			
Xylene (p/m)	0.162	0.00200	"	0.200		80.8	80-120			
Xylene (o)	0.0836	0.00100	"	0.100		83.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.108*		"	*0.120*		*90.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*103*	*80-120*			
LCS Dup (P4K1503-BSD1)				Prepared: 11/15/24 Analyzed: 11/18/24						
Benzene	0.0927	0.00100	mg/L	0.100		92.7	80-120	4.24	20	
Toluene	0.0890	0.00100	"	0.100		89.0	80-120	3.19	20	
Ethylbenzene	0.0863	0.00100	"	0.100		86.3	80-120	3.05	20	
Xylene (p/m)	0.167	0.00200	"	0.200		83.3	80-120	3.00	20	
Xylene (o)	0.0855	0.00100	"	0.100		85.5	80-120	2.22	20	
Surrogate: 4-Bromofluorobenzene	*0.107*		"	*0.120*		*89.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*103*	*80-120*			
Calibration Blank (P4K1503-CCB1)				Prepared: 11/15/24 Analyzed: 11/18/24						
Benzene	0.0800		ug/l							
Toluene	0.160		"							
Ethylbenzene	0.440		"							
Xylene (p/m)	0.940		"							
Xylene (o)	0.700		"							
Surrogate: 4-Bromofluorobenzene	*0.109*		"	*0.120*		*91.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.124*		"	*0.120*		*103*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4K1503 - * DEFAULT PREP *** **										
Calibration Blank (P4K1503-CCB2)				Prepared: 11/15/24 Analyzed: 11/18/24						
Benzene	0.270		ug/l							
Toluene	0.100		"							
Ethylbenzene	0.310		"							
Xylene (p/m)	0.680		"							
Xylene (o)	0.400		"							
Surrogate: 4-Bromofluorobenzene	*0.102*		*"*	*0.120*		*84.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			
Calibration Check (P4K1503-CCV1)				Prepared: 11/15/24 Analyzed: 11/18/24						
Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.0971	0.00100	"	0.100		97.1	80-120			
Xylene (p/m)	0.189	0.00200	"	0.200		94.6	80-120			
Xylene (o)	0.0987	0.00100	"	0.100		98.7	80-120			
Surrogate: 4-Bromofluorobenzene	*0.107*		*"*	*0.120*		*89.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*103*	*80-120*			
Calibration Check (P4K1503-CCV2)				Prepared: 11/15/24 Analyzed: 11/18/24						
Benzene	0.0950	0.00100	mg/L	0.100		95.0	80-120			
Toluene	0.0917	0.00100	"	0.100		91.7	80-120			
Ethylbenzene	0.0872	0.00100	"	0.100		87.2	80-120			
Xylene (p/m)	0.169	0.00200	"	0.200		84.3	80-120			
Xylene (o)	0.0891	0.00100	"	0.100		89.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.110*		*"*	*0.120*		*91.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*102*	*80-120*			
Calibration Check (P4K1503-CCV3)				Prepared: 11/15/24 Analyzed: 11/18/24						
Benzene	0.0957	0.00100	mg/L	0.100		95.7	80-120			
Toluene	0.0909	0.00100	"	0.100		90.9	80-120			
Ethylbenzene	0.0863	0.00100	"	0.100		86.3	80-120			
Xylene (p/m)	0.168	0.00200	"	0.200		83.8	80-120			
Xylene (o)	0.0870	0.00100	"	0.100		87.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.106*		*"*	*0.120*		*88.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4K1503 - * DEFAULT PREP *** **										
Matrix Spike (P4K1503-MS1)	**Source: 4K15002-01**			Prepared: 11/15/24 Analyzed: 11/18/24						
Benzene	0.0787	0.00100	mg/L	0.100	ND	78.7	80-120			QM-05
Toluene	0.0699	0.00100	"	0.100	ND	69.9	80-120			QM-05
Ethylbenzene	0.0617	0.00100	"	0.100	ND	61.7	80-120			QM-05
Xylene (p/m)	0.118	0.00200	"	0.200	ND	59.2	80-120			QM-05
Xylene (o)	0.0639	0.00100	"	0.100	ND	63.9	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.111*		"	*0.120*		*92.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*80-120*			
Matrix Spike Dup (P4K1503-MSD1)	**Source: 4K15002-01**			Prepared: 11/15/24 Analyzed: 11/18/24						
Benzene	0.0933	0.00100	mg/L	0.100	ND	93.3	80-120	17.0	20	
Toluene	0.0887	0.00100	"	0.100	ND	88.7	80-120	23.6	20	QM-05
Ethylbenzene	0.0837	0.00100	"	0.100	ND	83.7	80-120	30.2	20	QM-05
Xylene (p/m)	0.161	0.00200	"	0.200	ND	80.3	80-120	30.3	20	QM-05
Xylene (o)	0.0833	0.00100	"	0.100	ND	83.3	80-120	26.4	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*94.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*103*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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: Brent Barron Date: 12/2/2024

Brent Barron, Laboratory Director/Technical Director

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:	97-18
10 Desta Dr STE 150E	Project Number:	TNM 97-18
Midland TX, 79705	Project Manager:	Jonathan Repman

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

Page 511 of 555

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jon Repman
Company Name: TRC Companies
Company Address: 10 Desta Drive, Suite 410E
City/State/Zip: Midland, TX 79705
Telephone No: (432) 208-5219 **Fax No:**
Sampler Signature: Manuel Herrera

Project Name: Plains Marketing, L.P.
Project #: TNM 97-18
Project Loc: Lea County, New Mexico
PO #: SRS TNM 97-18
Report Format: ☐ Standard ☐ TRRP ☐ NPDES
e-mail: jrepman@trccompanies.com, Camille.Bryant@plains.com, Karolanne.Hudgens@plains.com

(lab use only)
ORDER #: 4C15003

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: / TOTAL: Total BTEX by 8260	PAH by 8270	TOC MW 5310	Dissolve Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulface by E300	COD by SM 5310	HOLD	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW 8			11-14-24	1455		3	X		X						GW	X								
2	MW 9				1520		3			X							X								
3	MW 11				1546		3			X							X								
4	MW 10				1613		6			X							X	X							
5	MW 17				1635		6			X							X	X							
6	MW 18				1659		6			X							X	X							
7	RW-1				1737		6			X							X	X							

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	11-15-24	0800			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: Claire Talbot	11-15-24	8:58

Laboratory Comments:

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

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 4.0 °C Thermometer: NCF
Adjusted: 4.0 °C Factor: 0.3

Received by OCD: 11/6/2025 3:23:03 PM
Released to Imaging: 11/10/2025 11:04:12 AM

Gmail Tressa bledsoe <tressa@pbelab.com>

TNM 97-18 Sample Submittal
1 message

4K15003

Repman, Jonathan <JRepman@trccompanies.com> Fri, Nov 15, 2024 at 5:46 PM
To: Tressa bledsoe <tressa@pbelab.com>

Tressa,

Based on the review of the COC vs the samples submitted the technician inadvertently marked three additional samples on the COC that were not submitted. Please remove sample ID's MW-8, MW-9, and MW-11 from the COC. We will submit these samples in the following week on a separate COC.

Thanks.

Jonathan Repman, P.G.
Midland Office Practice Lead

Environmental, Remediation, & Construction

TRC

10 Desta Dr STE 130E, Midland, TX 79705

T: 432 520 7720 | **F:** 432 520 7701 | **C:** 432 955-3561

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

November 26, 2024

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

Work Order: **HS24111199**

Laboratory Results for: **4K15003**

Dear Brent Barron,

ALS Environmental received 4 sample(s) on Nov 19, 2024 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
Jessica Monfore
Project manager

ALS Houston, US Date: 26-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15003
Work Order: HS24111199

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24111199-01	4K15003-04	Water		14-Nov-2024 16:13	19-Nov-2024 09:00	☐
HS24111199-02	4K15003-05	Water		14-Nov-2024 16:35	19-Nov-2024 09:00	☐
HS24111199-03	4K15003-06	Water		14-Nov-2024 16:59	19-Nov-2024 09:00	☐
HS24111199-04	4K15003-07	Water		14-Nov-2024 17:37	19-Nov-2024 09:00	☐

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Nov-24

Client: Permian Basin Environmental Lab, LP **CASE NARRATIVE**
Project: 4K15003
Work Order: HS24111199

Work Order Comments

- Log in comments: 4K15003-04 - 1 vial received broken.

GCMS Semivolatiles by Method SW8270

Batch ID: 220887

Sample ID: 4K15003-07 (HS24111199-04)

- The GCMS semi-volatile extract of this sample was run at a dilution due to a high level of matrix interference.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15003
Sample ID: 4K15003-04
Collection Date: 14-Nov-2024 16:13

ANALYTICAL REPORT
WorkOrder:HS24111199
Lab ID:HS24111199-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ULTRA LVI SEMIVOLATILES BY 8270D	**Method:SW8270**			Prep:SW3510 / 20-Nov-2024		Analyst: EC
1-Methylnaphthalene	**6.64**	n	**0.100**	**ug/L**	1	22-Nov-2024 12:43
2-Methylnaphthalene	**0.185**		**0.100**	**ug/L**	1	22-Nov-2024 12:43
Acenaphthene	ND		0.100	ug/L	1	22-Nov-2024 12:43
Acenaphthylene	ND		0.100	ug/L	1	22-Nov-2024 12:43
Anthracene	**0.301**		**0.100**	**ug/L**	1	22-Nov-2024 12:43
Benz(a)anthracene	ND		0.100	ug/L	1	22-Nov-2024 12:43
Benzo(a)pyrene	ND		0.100	ug/L	1	22-Nov-2024 12:43
Benzo(b)fluoranthene	ND		0.100	ug/L	1	22-Nov-2024 12:43
Benzo(g,h,i)perylene	ND		0.100	ug/L	1	22-Nov-2024 12:43
Benzo(k)fluoranthene	ND		0.100	ug/L	1	22-Nov-2024 12:43
Chrysene	ND		0.100	ug/L	1	22-Nov-2024 12:43
Dibenz(a,h)anthracene	ND		0.100	ug/L	1	22-Nov-2024 12:43
Fluoranthene	ND		0.100	ug/L	1	22-Nov-2024 12:43
Fluorene	**2.52**		**0.100**	**ug/L**	1	22-Nov-2024 12:43
Indeno(1,2,3-cd)pyrene	ND		0.100	ug/L	1	22-Nov-2024 12:43
Naphthalene	**0.457**		**0.100**	**ug/L**	1	22-Nov-2024 12:43
Phenanthrene	**1.91**		**0.100**	**ug/L**	1	22-Nov-2024 12:43
Pyrene	ND		0.100	ug/L	1	22-Nov-2024 12:43
Surr: 2-Fluorobiphenyl	*68.3*		*40-125*	*%REC*	*1*	*22-Nov-2024 12:43*
Surr: 4-Terphenyl-d14	*77.2*		*40-135*	*%REC*	*1*	*22-Nov-2024 12:43*
Surr: Nitrobenzene-d5	*71.7*		*41-120*	*%REC*	*1*	*22-Nov-2024 12:43*

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15003
Sample ID: 4K15003-05
Collection Date: 14-Nov-2024 16:35

ANALYTICAL REPORT
WorkOrder:HS24111199
Lab ID:HS24111199-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ULTRA LVI SEMIVOLATILES BY 8270D	**Method:SW8270**			Prep:SW3510 / 20-Nov-2024		Analyst: EC
1-Methylnaphthalene	**39.6**	n	**0.0833**	**ug/L**	1	22-Nov-2024 13:00
2-Methylnaphthalene	**6.80**		**0.0833**	**ug/L**	1	22-Nov-2024 13:00
Acenaphthene	**0.159**		**0.0833**	**ug/L**	1	22-Nov-2024 13:00
Acenaphthylene	**0.249**		**0.0833**	**ug/L**	1	22-Nov-2024 13:00
Anthracene	ND		0.0833	ug/L	1	22-Nov-2024 13:00
Benz(a)anthracene	ND		0.0833	ug/L	1	22-Nov-2024 13:00
Benzo(a)pyrene	ND		0.0833	ug/L	1	22-Nov-2024 13:00
Benzo(b)fluoranthene	ND		0.0833	ug/L	1	22-Nov-2024 13:00
Benzo(g,h,i)perylene	ND		0.0833	ug/L	1	22-Nov-2024 13:00
Benzo(k)fluoranthene	ND		0.0833	ug/L	1	22-Nov-2024 13:00
Chrysene	ND		0.0833	ug/L	1	22-Nov-2024 13:00
Dibenz(a,h)anthracene	ND		0.0833	ug/L	1	22-Nov-2024 13:00
Fluoranthene	ND		0.0833	ug/L	1	22-Nov-2024 13:00
Fluorene	**2.25**		**0.0833**	**ug/L**	1	22-Nov-2024 13:00
Indeno(1,2,3-cd)pyrene	ND		0.0833	ug/L	1	22-Nov-2024 13:00
Naphthalene	**18.8**		**0.0833**	**ug/L**	1	22-Nov-2024 13:00
Phenanthrene	**1.56**		**0.0833**	**ug/L**	1	22-Nov-2024 13:00
Pyrene	ND		0.0833	ug/L	1	22-Nov-2024 13:00
Surr: 2-Fluorobiphenyl	*71.0*		*40-125*	*%REC*	*1*	*22-Nov-2024 13:00*
Surr: 4-Terphenyl-d14	*90.3*		*40-135*	*%REC*	*1*	*22-Nov-2024 13:00*
Surr: Nitrobenzene-d5	*77.3*		*41-120*	*%REC*	*1*	*22-Nov-2024 13:00*

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15003
Sample ID: 4K15003-06
Collection Date: 14-Nov-2024 16:59

ANALYTICAL REPORT
WorkOrder:HS24111199
Lab ID:HS24111199-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ULTRA LVI SEMIVOLATILES BY 8270D	**Method:SW8270**			Prep:SW3510 / 20-Nov-2024		Analyst: EC
1-Methylnaphthalene	**28.0**	n	**0.0833**	**ug/L**	1	22-Nov-2024 13:18
2-Methylnaphthalene	**0.267**		**0.0833**	**ug/L**	1	22-Nov-2024 13:18
Acenaphthene	**0.162**		**0.0833**	**ug/L**	1	22-Nov-2024 13:18
Acenaphthylene	**0.242**		**0.0833**	**ug/L**	1	22-Nov-2024 13:18
Anthracene	ND		0.0833	ug/L	1	22-Nov-2024 13:18
Benz(a)anthracene	ND		0.0833	ug/L	1	22-Nov-2024 13:18
Benzo(a)pyrene	ND		0.0833	ug/L	1	22-Nov-2024 13:18
Benzo(b)fluoranthene	ND		0.0833	ug/L	1	22-Nov-2024 13:18
Benzo(g,h,i)perylene	ND		0.0833	ug/L	1	22-Nov-2024 13:18
Benzo(k)fluoranthene	ND		0.0833	ug/L	1	22-Nov-2024 13:18
Chrysene	ND		0.0833	ug/L	1	22-Nov-2024 13:18
Dibenz(a,h)anthracene	ND		0.0833	ug/L	1	22-Nov-2024 13:18
Fluoranthene	ND		0.0833	ug/L	1	22-Nov-2024 13:18
Fluorene	**2.72**		**0.0833**	**ug/L**	1	22-Nov-2024 13:18
Indeno(1,2,3-cd)pyrene	ND		0.0833	ug/L	1	22-Nov-2024 13:18
Naphthalene	**5.68**		**0.0833**	**ug/L**	1	22-Nov-2024 13:18
Phenanthrene	**1.31**		**0.0833**	**ug/L**	1	22-Nov-2024 13:18
Pyrene	ND		0.0833	ug/L	1	22-Nov-2024 13:18
Surr: 2-Fluorobiphenyl	*72.3*		*40-125*	*%REC*	*1*	*22-Nov-2024 13:18*
Surr: 4-Terphenyl-d14	*83.2*		*40-135*	*%REC*	*1*	*22-Nov-2024 13:18*
Surr: Nitrobenzene-d5	*78.0*		*41-120*	*%REC*	*1*	*22-Nov-2024 13:18*

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

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15003
Sample ID: 4K15003-07
Collection Date: 14-Nov-2024 17:37

ANALYTICAL REPORT
WorkOrder:HS24111199
Lab ID:HS24111199-04
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ULTRA LVI SEMIVOLATILES BY 8270D	**Method:SW8270**			Prep:SW3510 / 20-Nov-2024		Analyst: EC
1-Methylnaphthalene	**16.9**	n	**0.833**	**ug/L**	10	22-Nov-2024 18:20
2-Methylnaphthalene	**11.8**		**0.833**	**ug/L**	10	22-Nov-2024 18:20
Acenaphthene	ND		0.833	ug/L	10	22-Nov-2024 18:20
Acenaphthylene	ND		0.833	ug/L	10	22-Nov-2024 18:20
Anthracene	ND		0.833	ug/L	10	22-Nov-2024 18:20
Benz(a)anthracene	ND		0.833	ug/L	10	22-Nov-2024 18:20
Benzo(a)pyrene	ND		0.833	ug/L	10	22-Nov-2024 18:20
Benzo(b)fluoranthene	ND		0.833	ug/L	10	22-Nov-2024 18:20
Benzo(g,h,i)perylene	ND		0.833	ug/L	10	22-Nov-2024 18:20
Benzo(k)fluoranthene	ND		0.833	ug/L	10	22-Nov-2024 18:20
Chrysene	ND		0.833	ug/L	10	22-Nov-2024 18:20
Dibenz(a,h)anthracene	ND		0.833	ug/L	10	22-Nov-2024 18:20
Fluoranthene	ND		0.833	ug/L	10	22-Nov-2024 18:20
Fluorene	**1.49**		**0.833**	**ug/L**	10	22-Nov-2024 18:20
Indeno(1,2,3-cd)pyrene	ND		0.833	ug/L	10	22-Nov-2024 18:20
Naphthalene	**11.7**		**0.833**	**ug/L**	10	22-Nov-2024 18:20
Phenanthrene	**1.98**		**0.833**	**ug/L**	10	22-Nov-2024 18:20
Pyrene	ND		0.833	ug/L	10	22-Nov-2024 18:20
Surr: 2-Fluorobiphenyl	*62.0*		*40-125*	*%REC*	*10*	*22-Nov-2024 18:20*
Surr: 4-Terphenyl-d14	*66.0*		*40-135*	*%REC*	*10*	*22-Nov-2024 18:20*
Surr: Nitrobenzene-d5	*67.2*		*41-120*	*%REC*	*10*	*22-Nov-2024 18:20*

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

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ALS Houston, US

Date: 26-Nov-24

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 4K15003
WorkOrder: HS24111199

Batch ID: 220887 **Start Date:** 20 Nov 2024 14:30 **End Date:** 20 Nov 2024 14:30
Method: SV AQ SEP FUNNEL ULTRA LVI **Prep Code:** 3510C_MIN_W

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24111199-01		100	1 (mL)	0.01	40 mL Amber
HS24111199-02		120	1 (mL)	0.008333	40 mL Amber
HS24111199-03		120	1 (mL)	0.008333	40 mL Amber
HS24111199-04		120	1 (mL)	0.008333	40 mL Amber

ALS Houston, US Date: 26-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15003
WorkOrder: HS24111199

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 220887 (0)	**Test Name :** ULTRA LVI SEMIVOLATILES BY 8270D				**Matrix:** Water	
HS24111199-01	4K15003-04	14 Nov 2024 16:13		20 Nov 2024 14:30	22 Nov 2024 12:43	1
HS24111199-02	4K15003-05	14 Nov 2024 16:35		20 Nov 2024 14:30	22 Nov 2024 13:00	1
HS24111199-03	4K15003-06	14 Nov 2024 16:59		20 Nov 2024 14:30	22 Nov 2024 13:18	1
HS24111199-04	4K15003-07	14 Nov 2024 17:37		20 Nov 2024 14:30	22 Nov 2024 18:20	10

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ALS Houston, US Date: 26-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15003
WorkOrder: HS24111199

QC BATCH REPORT

Batch ID: 220887 (0) **Instrument: SV-11** **Method: ULTRA LVI SEMIVOLATILES BY 8270D**

MBLK Sample ID: **MBLK-220887** Units: **ug/L** Analysis Date: **22-Nov-2024 11:14**
Client ID: Run ID: **SV-11_500830** SeqNo: **8548094** PrepDate: **20-Nov-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	ND	0.100							
2-Methylnaphthalene	ND	0.100							
Acenaphthene	ND	0.100							
Acenaphthylene	ND	0.100							
Anthracene	ND	0.100							
Benz(a)anthracene	ND	0.100							
Benzo(a)pyrene	ND	0.100							
Benzo(b)fluoranthene	ND	0.100							
Benzo(g,h,i)perylene	ND	0.100							
Benzo(k)fluoranthene	ND	0.100							
Chrysene	ND	0.100							
Dibenz(a,h)anthracene	ND	0.100							
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	*4.031*	*0*	*5*	*0*	*80.6*	*40 - 125*			
Surr: 4-Terphenyl-d14	*4.203*	*0*	*5*	*0*	*84.1*	*40 - 135*			
Surr: Nitrobenzene-d5	*3.497*	*0*	*5*	*0*	*69.9*	*41 - 120*			

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15003
WorkOrder: HS24111199

QC BATCH REPORT

Batch ID: 220887 (0) **Instrument: SV-11** **Method: ULTRA LVI SEMIVOLATILES BY 8270D**

LCS Sample ID: **LCS-220887** Units: **ug/L** Analysis Date: **22-Nov-2024 11:32**
Client ID: Run ID: **SV-11_500830** SeqNo: **8548095** PrepDate: **20-Nov-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.075	0.100	5	0	61.5	45 - 120				
2-Methylnaphthalene	3.074	0.100	5	0	61.5	50 - 120				
Acenaphthene	3.258	0.100	5	0	65.2	47 - 145				
Acenaphthylene	3.125	0.100	5	0	62.5	47 - 120				
Anthracene	3.195	0.100	5	0	63.9	45 - 120				
Benz(a)anthracene	3.204	0.100	5	0	64.1	40 - 120				
Benzo(a)pyrene	3.147	0.100	5	0	62.9	42 - 127				
Benzo(b)fluoranthene	3.471	0.100	5	0	69.4	50 - 120				
Benzo(g,h,i)perylene	3.061	0.100	5	0	61.2	42 - 127				
Benzo(k)fluoranthene	3.343	0.100	5	0	66.9	50 - 120				
Chrysene	3.623	0.100	5	0	72.5	43 - 120				
Dibenz(a,h)anthracene	3.293	0.100	5	0	65.9	35 - 125				
Fluoranthene	3.269	0.100	5	0	65.4	45 - 125				
Fluorene	3.117	0.100	5	0	62.3	59 - 121				
Indeno(1,2,3-cd)pyrene	3.286	0.100	5	0	65.7	41 - 128				
Naphthalene	3.076	0.100	5	0	61.5	50 - 150				
Phenanthrene	3.367	0.100	5	0	67.3	54 - 120				
Pyrene	3.385	0.100	5	0	67.7	40 - 130				
Surr: 2-Fluorobiphenyl	*3.721*	*0*	*5*	*0*	*74.4*	*40 - 125*				
Surr: 4-Terphenyl-d14	*3.822*	*0*	*5*	*0*	*76.4*	*40 - 135*				
Surr: Nitrobenzene-d5	*3.167*	*0*	*5*	*0*	*63.3*	*41 - 120*				

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ALS Houston, US Date: 26-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15003
WorkOrder: HS24111199

QC BATCH REPORT

Batch ID: 220887 (0) **Instrument: SV-11** **Method: ULTRA LVI SEMIVOLATILES BY 8270D**

LCSD Sample ID: **LCSD-220887** Units: **ug/L** Analysis Date: **22-Nov-2024 11:49**
Client ID: Run ID: **SV-11_500830** SeqNo: **8548096** PrepDate: **20-Nov-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.021	0.100	5	0	60.4	45 - 125	3.075	1.76	20	
2-Methylnaphthalene	2.948	0.100	5	0	59.0	50 - 120	3.074	4.2	20	
Acenaphthene	3.31	0.100	5	0	66.2	47 - 145	3.258	1.58	20	
Acenaphthylene	3.142	0.100	5	0	62.8	47 - 120	3.125	0.527	20	
Anthracene	3.312	0.100	5	0	66.2	45 - 120	3.195	3.59	20	
Benz(a)anthracene	3.068	0.100	5	0	61.4	40 - 120	3.204	4.33	20	
Benzo(a)pyrene	3.054	0.100	5	0	61.1	42 - 127	3.147	3.01	20	
Benzo(b)fluoranthene	3.285	0.100	5	0	65.7	50 - 120	3.471	5.49	20	
Benzo(g,h,i)perylene	3.064	0.100	5	0	61.3	42 - 127	3.061	0.0862	20	
Benzo(k)fluoranthene	3.091	0.100	5	0	61.8	50 - 120	3.343	7.82	20	
Chrysene	3.409	0.100	5	0	68.2	43 - 120	3.623	6.08	20	
Dibenz(a,h)anthracene	3.125	0.100	5	0	62.5	35 - 125	3.293	5.24	20	
Fluoranthene	3.263	0.100	5	0	65.3	45 - 125	3.269	0.179	20	
Fluorene	3.203	0.100	5	0	64.1	59 - 121	3.117	2.7	20	
Indeno(1,2,3-cd)pyrene	3.265	0.100	5	0	65.3	41 - 128	3.286	0.634	20	
Naphthalene	3.022	0.100	5	0	60.4	50 - 150	3.076	1.77	20	
Phenanthrene	3.354	0.100	5	0	67.1	54 - 120	3.367	0.375	20	
Pyrene	3.416	0.100	5	0	68.3	40 - 130	3.385	0.918	20	
Surr: 2-Fluorobiphenyl	*3.936*	*0*	*5*	*0*	*78.7*	*40 - 125*	*3.721*	*5.6*	*20*	
Surr: 4-Terphenyl-d14	*4.043*	*0*	*5*	*0*	*80.9*	*40 - 135*	*3.822*	*5.62*	*20*	
Surr: Nitrobenzene-d5	*3.356*	*0*	*5*	*0*	*67.1*	*41 - 120*	*3.167*	*5.79*	*20*	

The following samples were analyzed in this batch: HS24111199-01 HS24111199-02 HS24111199-03 HS24111199-04

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ALS Houston, US Date: 26-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K15003
WorkOrder: **HS24111199**

QUALIFIERS, ACRONYMS, UNITS

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

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

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ALS Houston, US Date: 26-Nov-24

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arizona	AZ0793	27-May-2025
Arkansas	88-00356_2024	27-Mar-2025
California	2919; 2025	30-Apr-2025
Dept of Defense	L24-240	30-Apr-2026
Dept of Defense	L24-239	30-Apr-2026
Florida	E87611-38	30-Jun-2025
Illinois	2000322023-11	31-Jul-2025
Kansas	E-10352 2023-2024	31-Jul-2025
Kentucky	123043	30-Apr-2025
Louisiana	03087 2023-2024	30-Jun-2025
Maine	2024017	23-Jun-2026
Michigan	9971	30-Apr-2025
Nebraska	NE-OS-25-13	30-Apr-2025
New Jersey	TX008	30-Jun-2025
North Carolina	624 - 2024	31-Dec-2024
Pennsylvania	018	30-Jun-2025
Tennessee	04016	30-Apr-2025
Texas	T104704231 TX-C24-00130	30-Apr-2025
Utah	TX026932023-14	31-Jul-2025

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ALS Houston, US Date: 26-Nov-24

Sample Receipt Checklist

Work Order ID: HS24111199 **Date/Time Received:** 19-Nov-2024 09:00

Client Name: Permian Basin Lab **Received by:** Jacob Coronado

Completed By:	/S/ Paresh M. Giga	20-Nov-2024 13:25	**Reviewed by:**	/S/ Jessica Monfore	26-Nov-2024 16:38
	eSignature	Date/Time		eSignature	Date/Time

Matrices: **Water** Carrier 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):	2.2C U/C	IR34	
Cooler(s)/Kit(s):	Red		
Date/Time sample(s) sent to storage:	11/20/24 13:45		
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: 4K15003-04 - 1 vial received broken.
Samples expire 11/21/24

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

Released to Imaging: 11/10/2025 11:04:12 AM
Received by OCD: 11/6/2025 3:23:03 PM

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

HS24111199

Permian Basin Environmental Lab, LP
4K15003

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

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

ORDER #:

LAB # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	NaOH/Zn	NONE 500ML POLY 250 MIL POLY 500 ML WM AMBER GLASS	NONE	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: 8270C PAH LL	24 HOUR RUSH	STANDARD
	4K15003-04			11/14/2024	16:13		3	X								WATER	X		X
	4K15003-05			11/14/2024	16:35		3	X								WATER	X		X
	4K15003-06			11/14/2024	16:59		3	X								WATER	X		X
	4K15003-07			11/14/2024	17:37		3	X								WATER	X		X

Please add tressa@pbelab.com to the WOA. Thank you. Please run with the containers provided.

BRENT BARRON	11/18/2024	5:00 PM	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date 11/19/24	Time 0900
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

Rad 2.2

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Page 528 of 555

Released to Imaging: 11/10/2025 11:04:12 AM

Received by OCD: 11/6/2025 3:23:03 PM

ORIGIN ID:MAFA (432) 686-7235
TRESSA BLEDSOE
PERMIAN BASIN ENVIRONMENTAL LAB, LP
1400 RANKIN HWY
MIDLAND, TX 79701
UNITED STATES US

SHIP DATE: 18NOV24
ACTWGT: 45.00 LB
CAD: 107136846/INET4535
DIMS: 23x12x13 IN

BILL RECIPIENT

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

REF:
INV:
PO:
DEPT:

58CJ5/582E/C6C4

J244024091081uv

FedEx Express

TUE - 19 NOV 5:00P
STANDARD OVERNIGHT

TRK# 0201 **7700 4217 1887**

AB SGRA

77099
TX-US IAH

After printing this label
CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH
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2 Place label in shipping pouch and affix it to your shipment

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

PBELAB

Analytical Report

Prepared for:

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

Project: 97-18
Project Number: TNM 97-18
Location: Lea Country, New Mexico

Lab Order Number: 4K20015

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 12/04/24

TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW 8	4K20015-01	Water	11/14/24 14:55	11-20-2024 09:30
MW 9	4K20015-02	Water	11/14/24 15:20	11-20-2024 09:30
MW 11	4K20015-03	Water	11/14/24 15:46	11-20-2024 09:30
MW-12	4K20015-04	Water	11/15/24 10:38	11-20-2024 09:30
MW-14	4K20015-05	Water	11/15/24 11:07	11-20-2024 09:30
MW-16	4K20015-06	Water	11/15/24 11:42	11-20-2024 09:30
MW-20	4K20015-07	Water	11/15/24 12:03	11-20-2024 09:30
MW-21	4K20015-08	Water	11/15/24 12:21	11-20-2024 09:30
MW-22	4K20015-09	Water	11/15/24 12:43	11-20-2024 09:30
MW-26	4K20015-10	Water	11/15/24 13:10	11-20-2024 09:30
MW-27	4K20015-11	Water	11/15/24 13:38	11-20-2024 09:30
MW-28	4K20015-12	Water	11/15/24 14:01	11-20-2024 09:30
MW-3	4K20015-13	Water	11/15/24 14:29	11-20-2024 09:30
MW-23	4K20015-14	Water	11/15/24 14:57	11-20-2024 09:30
MW-25	4K20015-15	Water	11/15/24 15:32	11-20-2024 09:30
MW-30	4K20015-16	Water	11/15/24 15:55	11-20-2024 09:30

TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW 8

4K20015-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 17:54	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 17:54	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 17:54	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 17:54	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 17:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.4 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 17:54*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 17:54*	*EPA 8021B*	

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW 9

4K20015-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 18:15	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 18:15	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 18:15	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 18:15	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 18:15	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.2 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 18:15*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 18:15*	*EPA 8021B*	

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW 11

4K20015-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 18:36	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 18:36	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 18:36	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 18:36	EPA 8021B	
Xylene (o)	**0.00103**	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 18:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.6 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 18:36*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 18:36*	*EPA 8021B*	

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-12

4K20015-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 18:58	EPA 8021B	
Toluene	**0.00104**	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 18:58	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 18:58	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 18:58	EPA 8021B	
Xylene (o)	**0.00157**	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 18:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.0 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 18:58*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 18:58*	*EPA 8021B*	

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-14

4K20015-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 19:19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 19:19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 19:19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 19:19	EPA 8021B	
Xylene (o)	**0.00161**	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 19:19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.0 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 19:19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 19:19*	*EPA 8021B*	

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-16

4K20015-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 19:40	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 19:40	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 19:40	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 19:40	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 19:40	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.4 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 19:40*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 19:40*	*EPA 8021B*	

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-20

4K20015-07 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00914**	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 20:45	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 20:45	EPA 8021B	
Ethylbenzene	**0.00441**	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 20:45	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 20:45	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 20:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 20:45*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 20:45*	*EPA 8021B*	

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-21

4K20015-08 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 21:06	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 21:06	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 21:06	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 21:06	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 21:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.0 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 21:06*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 21:06*	*EPA 8021B*	

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-22

4K20015-09 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 21:28	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 21:28	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 21:28	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 21:28	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 21:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*90.5 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 21:28*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 21:28*	*EPA 8021B*	

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-26

4K20015-10 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 21:49	EPA 8021B	
Toluene	**0.00129**	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 21:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 21:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 21:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 21:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*83.8 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 21:49*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 21:49*	*EPA 8021B*	

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-27

4K20015-11 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 22:10	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 22:10	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 22:10	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 22:10	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 22:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.0 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 22:10*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 22:10*	*EPA 8021B*	

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-28

4K20015-12 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 22:32	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 22:32	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 22:32	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 22:32	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 22:32	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 22:32*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 22:32*	*EPA 8021B*	

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-3

4K20015-13 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.107**	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 22:53	EPA 8021B	
Toluene	**0.00158**	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 22:53	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 22:53	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 22:53	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 22:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.6 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 22:53*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 22:53*	*EPA 8021B*	

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-23

4K20015-14 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 23:14	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 23:14	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 23:14	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 23:14	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 23:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*88.2 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 23:14*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 23:14*	*EPA 8021B*	

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-25

4K20015-15 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.161**	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 23:36	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 23:36	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 23:36	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 23:36	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 23:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*91.6 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 23:36*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 23:36*	*EPA 8021B*	

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

MW-30

4K20015-16 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 23:57	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 23:57	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 23:57	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 23:57	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K2206	11/22/24 00:00	11/22/24 23:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.8 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 23:57*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P4K2206*	*11/22/24 00:00*	*11/22/24 23:57*	*EPA 8021B*	

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4K2206 - * DEFAULT PREP *** **										
Blank (P4K2206-BLK1)				Prepared & Analyzed: 11/22/24						
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	*0.108*		*"*	*0.120*		*89.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			
LCS (P4K2206-BS1)				Prepared & Analyzed: 11/22/24						
Benzene	0.0900	0.00100	mg/L	0.100		90.0	80-120			
Toluene	0.0878	0.00100	"	0.100		87.8	80-120			
Ethylbenzene	0.0850	0.00100	"	0.100		85.0	80-120			
Xylene (p/m)	0.166	0.00200	"	0.200		82.8	80-120			
Xylene (o)	0.0861	0.00100	"	0.100		86.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.108*		*"*	*0.120*		*90.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*103*	*80-120*			
Calibration Blank (P4K2206-CCB1)				Prepared & Analyzed: 11/22/24						
Benzene	0.130		ug/l							
Toluene	0.0900		"							
Ethylbenzene	0.260		"							
Xylene (p/m)	0.610		"							
Xylene (o)	0.340		"							
Surrogate: 4-Bromofluorobenzene	*0.114*		*"*	*0.120*		*95.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*104*	*80-120*			
Calibration Blank (P4K2206-CCB2)				Prepared & Analyzed: 11/22/24						
Benzene	0.120		ug/l							
Toluene	0.0900		"							
Ethylbenzene	0.220		"							
Xylene (p/m)	0.530		"							
Xylene (o)	0.280		"							
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*103*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

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 P4K2206 - * DEFAULT PREP *** **										
Calibration Check (P4K2206-CCV1)				Prepared & Analyzed: 11/22/24						
Benzene	0.0840	0.00100	mg/L	0.100		84.0	80-120			
Toluene	0.0816	0.00100	"	0.100		81.6	80-120			
Ethylbenzene	0.0807	0.00100	"	0.100		80.7	80-120			
Xylene (p/m)	0.160	0.00200	"	0.200		80.1	80-120			
Xylene (o)	0.0844	0.00100	"	0.100		84.4	80-120			
Surrogate: 4-Bromofluorobenzene	*0.108*		*"*	*0.120*		*89.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*105*	*80-120*			
Calibration Check (P4K2206-CCV2)				Prepared & Analyzed: 11/22/24						
Benzene	0.0966	0.00100	mg/L	0.100		96.6	80-120			
Toluene	0.0945	0.00100	"	0.100		94.5	80-120			
Ethylbenzene	0.0918	0.00100	"	0.100		91.8	80-120			
Xylene (p/m)	0.179	0.00200	"	0.200		89.7	80-120			
Xylene (o)	0.0931	0.00100	"	0.100		93.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*96.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*103*	*80-120*			
Calibration Check (P4K2206-CCV3)				Prepared: 11/22/24 Analyzed: 11/23/24						
Benzene	0.0951	0.00100	mg/L	0.100		95.1	80-120			
Toluene	0.0916	0.00100	"	0.100		91.6	80-120			
Ethylbenzene	0.0872	0.00100	"	0.100		87.2	80-120			
Xylene (p/m)	0.170	0.00200	"	0.200		84.8	80-120			
Xylene (o)	0.0898	0.00100	"	0.100		89.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.107*		*"*	*0.120*		*88.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*80-120*			
Matrix Spike (P4K2206-MS1)		**Source: 4K20015-16**		Prepared: 11/22/24 Analyzed: 11/23/24						
Benzene	0.0801	0.00100	mg/L	0.100	ND	80.1	80-120			
Toluene	0.0782	0.00100	"	0.100	ND	78.2	80-120			QM-05
Ethylbenzene	0.0761	0.00100	"	0.100	ND	76.1	80-120			QM-05
Xylene (p/m)	0.147	0.00200	"	0.200	ND	73.6	80-120			QM-05
Xylene (o)	0.0753	0.00100	"	0.100	ND	75.3	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*95.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*105*	*80-120*			

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: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Jonathan Repman

Notes and Definitions

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.
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 12/4/2024

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.

Page 551 of 555

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jon Repman
Company Name: TRC Companies
Company Address: 10 Desta Drive, Suite 410E
City/State/Zip: Midland, TX 79705
Telephone No: (432) 208-5219
Fax No: _____
Sampler Signature: [signature]

Project Name: Plains Marketing, L.P.
Project #: TNM 97-18
Project Loc: Lea County, New Mexico
PO #: SRS TNM 97-18
Report Format: ☐ Standard ☐ TRRP ☐ NPDES
e-mail: jrepman@trccompanies.com, Camille.Bryant@plains.com, Karolanne.Hudgens@plains.com

(lab use only)
ORDER #: 412015

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: / TOTAL: Total BTEX by 8260	PAH by 8270	TOC MW 5310	Dissolve 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	HOLD	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW 8			11-14-24	1455			X		X						GW	X								
2	MW 9			↓	1520																				
3	MW 11				1546																				
4	MW 12			11-15-24	1038																				
5	MW 14				1107																				
6	MW 16				1142																				
7	MW 20				1203																				
8	MW 21				1221																				
9	MW 22				1243																				
10	MW 26			↓	1310			↓		↓						↓	↓								

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	11-20-24	0930			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
			[signature]	11/20/24	0930

Laboratory Comments:

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

Temperature Upon Receipt:
Received: 0.9 °C Thermometer: L3

Received by OCD: 11/6/2025 2:23:03 PM
Released to Imaging: 11/10/2025 11:04:12 AM

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jon Repman

Company Name: TRC Companies

Company Address: 10 Desta Drive, Suite 410E

City/State/Zip: Midland, TX 79705

Telephone No: (432) 208-5219 **Fax No:**

Sampler Signature: Manny Thomas

Project Name: Plains Marketing, L.P.

Project #: TNM 97-18

Project Loc: Lea County, New Mexico

PO #: SRS TNM 97-18

Report Format: ☐ Standard ☐ TRRP ☐ NPDES

e-mail: jrepman@trccompanies.com, Camille.Bryant@plains.com, Karolanne.Hudgens@plains.com

(lab use only)
ORDER #: 412015

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TOTAL: Total BTEX by 8260	PAH by 8270	TOC MW 5310	Dissolve 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	HOLD	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
11	MW 27			11-15-24	1338			X		X						GW	X								
12	MW 28				1401																				
13	MW 3				1429																				
14	MW 23				1457																				
15	MW 25				1532																				
16	MW 30				1555																				

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	[illegible]	0930			
Relinquished by:	Date	Time	Received by:	Date	Time
	11-20-24				
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
			Brett Barron	11/20/24	0930

Laboratory Comments:

Sample Containers Intact?	Y	N
Labels on container(s)	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: 0.9 °C Thermometer: L3
Adjusted: 0.9 °C Factor: WCF

Received by OCD: 11/6/2025 3:23:03 PM

Released to Imaging: 11/10/2025 11:04:12 AM

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

Received by OCD: 11/6/2025 3:23:03 PM

District I - (505) 393-6161
P. O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 South First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

State of New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C- 141
Originated 2/13/97

Submit 2 copies to Appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name	Contact
Texas-New Mexico Pipe Line Company	Edwin H. Gripp
Address	**Telephone No.**
Box 60028, San Angelo, TX 76906	(915) 947-9000
Facility Name	**Facility Type**
16" main line	Pipe line

Surface Owner	Mineral Owner	Lease No.
Millard Deck Estate		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	28	20S	37E					Lea

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Sour crude	83 barrels	none
Source of Release	**Date and Hour of Occurrence**	**Date and Hour of Discovery**
16" main line	Unknown	9-10-97 4:30 pm
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	**If YES, To Whom?**	
	Elizabeth	
By Whom?	**Date and Hour**	
Mike Pearce	9-11-97 1:30 pm	
Was a Watercourse Reached? ☐ Yes ☒ No	**If YES, Volume Impacting the Watercourse.**	

If a Watercourse was Impacted, Describe Fully.*

—

Describe Cause of Problem and Remedial Action Taken.*

Internal Corrosion
Leak successfully clamped off.

Describe Area Affected and Cleanup Action Taken.*

3600 sq. ft. pasture land.
Contaminated soil will be excavated.

Describe General Conditions Prevailing (Temperature, Precipitation, etc.).*

95° Cloudy

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
Signature: Edwin H. Gripp

Printed Name: Edwin H. Gripp
Title: District Manager
Date: 9-11-97 Phone: 915-947-9001

OIL CONSERVATION DIVISION

Approved by District Supervisor:
Approval Date: Expiration Date:
Conditions of Approval: Attached ☐

* Attach Additional Sheets If Necessary

State Corp. Commission
Pipe Line Division

Hazardous Waste Section
NM Environmental Improvement Div.

Released to Imaging: 11/10/2025 11:04:12 AM

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 524100

CONDITIONS

Operator:	OGRID:
PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	34053
	Action Number: 524100
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
shanna.smith	Pursuant to 19.15.30 NMAC, update Stage 2 Abatement Plan dated March 1999. Plan will be submitted as a report by January 16, 2026, that meets all the requirements of 19.15.30.13 NMAC.	11/10/2025
shanna.smith	Continue monthly monitoring and manual product recovery.	11/10/2025
shanna.smith	Continue Quarterly monitoring and sampling events followed by submitting quarterly reports into OCD permitting depicting all site activities, accordingly.	11/10/2025
shanna.smith	2025 Annual Groundwater Monitoring Report will be submitted by April 1, 2026.	11/10/2025
shanna.smith	Continue Annual PAH analysis on monitor wells MW-4 through MW-7, MW-10. MW-17, MW-18, and recovery wells RW- and RW-2.	11/10/2025