



**2020
ANNUAL MONITORING REPORT**

APPROVED

By Nelson Velez at 2:06 pm, Jan 11, 2022

**TNM 98-05A
SW 1/4 NW 1/4 OF SECTION 26, TOWNSHIP 21 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS SRS NUMBER: TNM 98-05A
NMOCD Reference AP-12
INCIDENT # nAPP2109544011**

Prepared for:

PLAINS MARKETING L.P.
333 Clay Street, Suite 1600
Houston, Texas 77002

Prepared By:

TRC Environmental Corporation
10 Desta Drive, Suite 150E
Midland, Texas 79705

January 2021


Curt D. Stanley
Senior Project Manager

Review of 2020 ANNUAL
GROUNDWATER MONITORING REPORT:

Content satisfactory

Contractor anticipated actions approved
by OCD and are as follows;

1. Continue gauging monitor wells MW-1, MW-2, MW-10, MW-12, and MW-13 and aggressively pump on a monthly schedule in 2021
 2. Continue collecting quarterly groundwater samples in 2021
 3. Continue sampling for PAH analysis from monitor wells MW-1, MW-2, MW-10, and MW-13
- Submit the Annual Monitoring Report to the OCD no later than March 31, 2022.

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INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), TRC Environmental Corporation (TRC) is pleased to submit this 2020 Annual Groundwater 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 1st of each year. Beginning on May 29, 2004, project management responsibilities were assumed by TRC, previously NOVA Safety and Environmental (NOVA). This report is intended to be viewed as a complete document with figures, attachments, tables, and text. The report presents the results of four (4) quarterly groundwater monitoring/sampling events conducted at the TNM 98-05A crude oil Release Site (the Site), located in Lea County, New Mexico. The Site, formerly the responsibility of Enron Oil Trading and Transportation (EOTT) is now the responsibility of Plains. For reference, the Site Location Map is provided as Figure 1.

Groundwater gauging and sampling was conducted during each quarter of 2020 to assess the levels and extent of Phase Separated Hydrocarbons (PSH) and dissolved phase constituents. The groundwater monitoring events consisted of measuring static water levels in the monitor wells and purging and sampling of each well exhibiting sufficient recharge. Monitor wells were not sampled if a measurable thickness of PSH was detected during gauging activities.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The Site is located approximately two (2) miles northeast of the city of Eunice, New Mexico. The legal description of the site is SW ¼, NW ¼, Section 26, Township 21 South, Range 37 East (Figure 1). On February 5, 1998, an estimated thirty-eight (38) barrels of crude oil were released from a six (6) inch crude oil pipeline. Approximately four (4) barrels of crude oil were recovered during the initial response activities. The release was attributed to internal corrosion of the pipeline. The Release Notification and Corrective Action Form (C-141) is provided as Appendix B. Approximately 3,300 cubic yards of impacted soil was excavated and applied to an on-site treatment cell. In December 2004, a Site Restoration Work Plan and Proposed Soil Closure Strategy Report was submitted to the NMOCD. The report was approved by the NMOCD in a letter dated June 2, 2005. In October 2005, additional excavation along the east sidewall was completed, the excavation was backfilled with remediated soil, and the site was graded to fit the surrounding topography. In December 2005, a Soil Closure Request was submitted to the NMOCD and approved in a letter dated January 31, 2006, which concurred no further action was necessary with regard to soil remediation at the TNM 98-05A Release Site.

During the October 2005 excavation backfilling activities, monitor well MW-4 was damaged and could not be repaired. On January 9, 2006, Plains representatives requested and received NMOCD approval to plug and abandon monitor well MW-4. On March 6, 2006, monitor well MW-4 was plugged and abandoned by a New Mexico licensed water well driller, utilizing New Mexico Office of the State Engineer approved plugging and abandonment procedures.

On February 5, 2014, two (2) additional four (4) inch monitor wells (MW-12 and MW-13) were installed at the TNM 98-05A Release Site.

In the 2nd quarter of 2015, an automated PSH recovery system utilizing skimmer pumps was installed onsite. The skimmer pumps were installed in monitor wells MW-2, MW-10, and MW-13 to assist in PSH recovery. In the 3rd quarter of 2018, the automated PSH recovery system utilizing skimmer pumps was decommissioned due to declining PSH thicknesses.

On November 18, 2015, Plains excavated and visually inspected the abandoned eight (8) inch diameter pipeline, which was the source of the TNM 98-05A release. The area excavated began immediately south of monitor well MW-1 and continued approximately fifty (50) feet to the west of monitor well MW-1. Based on visual and olfactory evidence, it appears no secondary releases have occurred from the Plains pipeline.

Currently, there are twelve (12) monitor wells (MW-1 through MW-3, and MW-5 through MW-13) onsite.

FIELD ACTIVITIES

Product Recovery Efforts

No measurable thicknesses of PSH were observed in the onsite monitor wells during the 2020 reporting period. Approximately 2,989.24 gallons (71.17 barrels) of PSH have been recovered since project inception. Groundwater Elevation data is provided as Table 1.

Groundwater Monitoring

Quarterly monitoring events for the reporting period were conducted according to the following sampling schedule, which was approved by the NMOCD in correspondence dated April 28, 2004 and amended by correspondence dated January 19, 2006 and March 24, 2020. The table below illustrates the current groundwater sampling schedule approved by the NMOCD.

NMOCD Approved Sampling Schedule prior to March 24, 2020 Modification							
MW-1	Quarterly	MW-5	Annual	MW-9	Semi-Annual	MW-13	Quarterly
MW-2	Quarterly	MW-6	Quarterly	MW-10	Quarterly		
MW-3	Annual	MW-7	Semi-Annual	MW-11	Semi-Annual		
MW-4	P & A	MW-8	Quarterly	MW-12	Quarterly		

NMOCD Approved Sampling Schedule subsequent to March 24, 2020 Modification							
MW-1	Quarterly	MW-5	Annual	MW-9	Annual	MW-13	Quarterly
MW-2	Quarterly	MW-6	Semi-Annual	MW-10	Quarterly		
MW-3	Annual	MW-7	Annual	MW-11	Annual		
MW-4	P & A	MW-8	Annual	MW-12	Quarterly		

Quarterly sampling events for the calendar year 2020 were conducted on February 25, June 15, August 27, and December 1, 2020. Each quarterly sampling event consisted of gauging all wells and purging and sampling monitor wells as per the approved sampling schedule. During each

sampling event, the monitor wells were purged of a minimum of three (3) well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos pump. Groundwater was allowed to recharge and samples were collected using disposable Teflon samplers. Water samples were placed in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

The most recent inferred groundwater gradient, Figure 2D, indicated a general gradient of approximately 0.004 feet/foot to the southeast as measured between monitor wells MW-13 and MW-6. This data is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3,344.40 and 3,345.41 feet above mean sea level, in monitor well MW-8 on September 10, 2020 and monitor well MW-5 on June 15, 2020, respectively. Groundwater elevation data for the calendar year 2020 is provided in Table 1. Historical groundwater elevation data beginning at project inception is summarized in Table 4.

LABORATORY RESULTS

Groundwater samples collected during the four (4) quarters of 2020 reporting period were delivered to Permian Basin Environmental Laboratories in Midland, Texas for determination of BTEX constituent concentrations by EPA Method 8021B. Polynuclear Aromatic Hydrocarbons (PAH) analysis by EPA Method 8270 was conducted during the 2020 calendar year on monitor wells MW-1, MW-2, MW-10, and MW-13. Based on historical PAH analytical data, only those wells exhibiting elevated constituent concentrations above NMWQCC Drinking Water Standards are sampled, with the exclusion of those wells containing measurable PSH thicknesses. A listing of BTEX constituent concentrations for 2020 are summarized in Table 2 and historical concentrations of BTEX in groundwater are summarized in Table 5. The 2020 polynuclear aromatic hydrocarbon concentrations in groundwater are summarized in Table 3 and the historical polynuclear aromatic hydrocarbon concentrations in groundwater are summarized in Table 6. Copies of the laboratory reports generated for 2020 are provided in Appendix A. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

Monitor well MW-1 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0912 mg/L during the 3rd quarter to 0.120 mg/L during the 4th quarter. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00206 mg/L during the 1st quarter to 0.0137 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 0.00118 mg/L during the 4th quarter to 0.0126 mg/L during the 2nd quarter. 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 RL during the 4th quarter to 0.01623 mg/L during the 1st quarter. 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 benzo[a]anthracene (0.00017 mg/L), chrysene (0.00052 mg/L, and phenanthrene (0.0011 mg/L).

Monitor well MW-2 is sampled on a quarterly schedule and benzene concentrations ranged from 0.108 mg/L during the 1st quarter to 0.174 mg/L during the 3rd quarter of 2020. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00611 mg/L during the 2nd quarter to 0.0112 mg/L during the 4th quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0122 mg/L during the 4th quarter to 0.0560 mg/L during the 1st quarter of 2020. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.05230 mg/L during the 3rd quarter to 0.0177 mg/L during the 4th quarter of 2020. 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 chrysene (0.00021 mg/L).

Monitor well MW-3 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 2003. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-5 is sampled on an annual schedule and analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 2000. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-6 was previously sampled on a quarterly schedule and is currently sampled on a semi-annual schedule. The analytical results indicated benzene and toluene constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during the 1st and 3rd quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 3rd quarter to 0.00110 mg/L during the 1st quarter. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the 1st and 3rd quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 3rd quarter to 0.00360 mg/L during the 1st quarter. Xylene concentrations were below the NMOCD regulatory guidelines during the 1st and 3rd quarters of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 2000. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-7 was previously sampled on a semi-annual schedule and is currently sampled on an annual schedule. The analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 2000. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-8 was previously sampled on a quarterly schedule and is currently sampled on an annual schedule. The analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 1st quarter of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 2000. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-9 was previously sampled on a semi-annual schedule and is currently sampled on an annual schedule. The analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 2008. PAH analysis was not required 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 0.268 mg/L during the 1st quarter to 0.455 mg/L during the 4th quarter of 2020. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.0280 mg/L during the 1st quarter to 0.0634 mg/L during the 2nd quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0345 mg/L during the 4th quarter to 0.153 mg/L during the 2nd quarter of 2020. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.10255 mg/L during the 4th quarter to 0.3602 mg/L during the 2nd quarter of 2020. 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 chrysene (0.00045 mg/L), fluorene (0.0021 mg/L), phenanthrene (0.0038 mg/L), and naphthalene (0.094 mg/L).

Monitor well MW-11 was previously sampled on a semi-annual schedule and is currently sampled on an annual schedule. The analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 2005. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-12 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.00108 mg/L during the 2nd quarter to 0.00340 mg/L during the 3rd quarter of 2020. Benzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene, ethylbenzene, and xylene concentrations were below the applicable laboratory RL and the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-13 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 2.12 mg/L during the 1st quarter to 2.54 mg/L during the 4th quarter of 2020. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.0173 mg/L during the 3rd quarter to 0.0856 mg/L during the 4th quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.1150 mg/L during the 4th quarter to 0.579 mg/L during the 2nd quarter of 2020. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.1353 mg/L during the 4th quarter to 0.6741 mg/L during the 2nd quarter of 2020. Xylene concentrations were above the NMOCD regulatory guidelines during the 1st and 2nd quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]anthracene (0.00014 mg/L), chrysene (0.00029 mg/L), fluorene (0.0012 mg/L), phenanthrene (0.0033 mg/L), and naphthalene (0.064 mg/L).

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.

SUMMARY

This report presents the results of four (4) quarterly groundwater monitoring and sampling events for the annual monitoring period of calendar year 2020. Currently, there are twelve (12) groundwater monitor wells (MW-1 through MW-3, and MW-5 through MW-13) on site. The most recent inferred groundwater gradient, Figure 2D, indicated a general gradient of approximately 0.004 feet/foot to the southeast.

No measurable thicknesses of PSH were observed in the onsite monitor wells during the 2020 reporting period. Approximately 2,989.24 gallons (71.17 barrels) of PSH have been recovered since project inception. Groundwater Elevation data is provided as Table 1.

During all four (4) quarterly sampling events, benzene concentrations were above the NMOCD regulatory guidelines in monitor wells MW-1, MW-2, MW-10, and MW-13. BTEX concentrations were below the NMOCD regulatory guidelines in eight (8) sampled monitor wells (MW-3, MW-5 through MW-9, MW-11, and MW-12).

ANTICIPATED ACTIONS

Monitor wells MW-1, MW-2, MW-10, MW-12, and MW-13 will be gauged and aggressively pumped on a monthly schedule during the 2021 reporting period.

Quarterly monitoring and groundwater sampling will continue in 2021. Based on the results of previous PAH analysis, Plains will conduct PAH analysis on monitor wells MW-1, MW-2, MW-10, and MW-13.

An Annual Monitoring Report will be submitted to the NMOCD by April 1, 2022.

LIMITATIONS

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

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

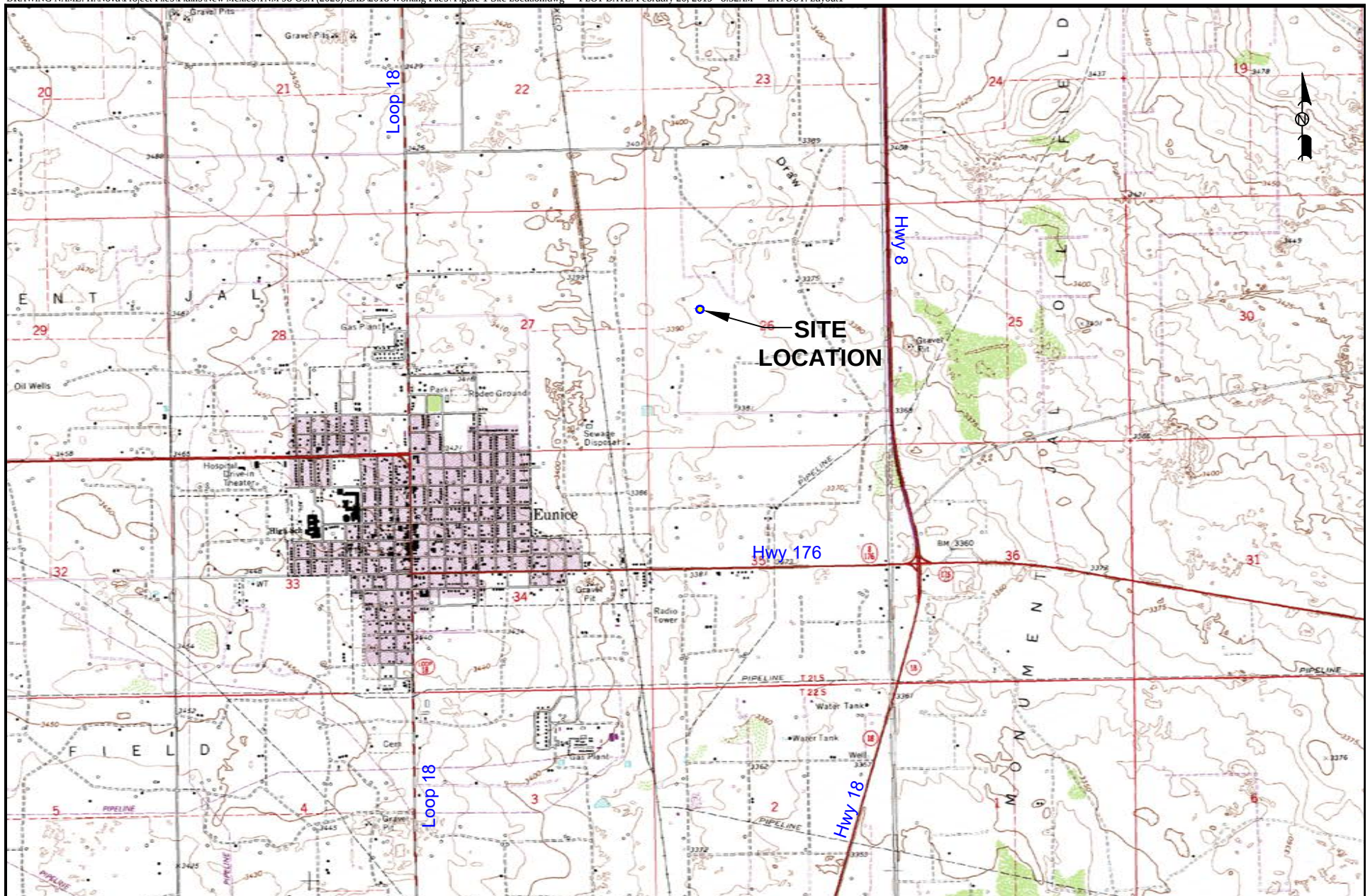
This report has been prepared for the benefit of Plains. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of TRC and/or Plains.

DISTRIBUTION

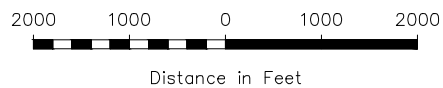
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New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
- Copy 2: New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1625 French Drive
Hobbs, NM 88240
- Copy 3: Camille Bryant
Plains Marketing, L.P.
1106 Griffith Drive
Midland, TX 79706
cjbryant@paalp.com
- Copy 4: Jeff Dann
Plains Marketing, L.P.
333 Clay Street
Suite 1600
Houston, TX 77002
jpdann@paalp.com
- Copy 5: TRC Environmental Corporation
10 Desta Drive, Suite 150E
Midland, TX 79705
cdstanley@trccompanies.com

Figures

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LEGEND:



Distance in Feet

Figure 1
Site Location Map
Plains Marketing, L.P.
TNM 98-05A
NMOCD Reference # AP-12-0
Lea County, NM

Scale: 1" = 2000'

CAD By: TA

Checked By: CS

Draft: February 19, 2016

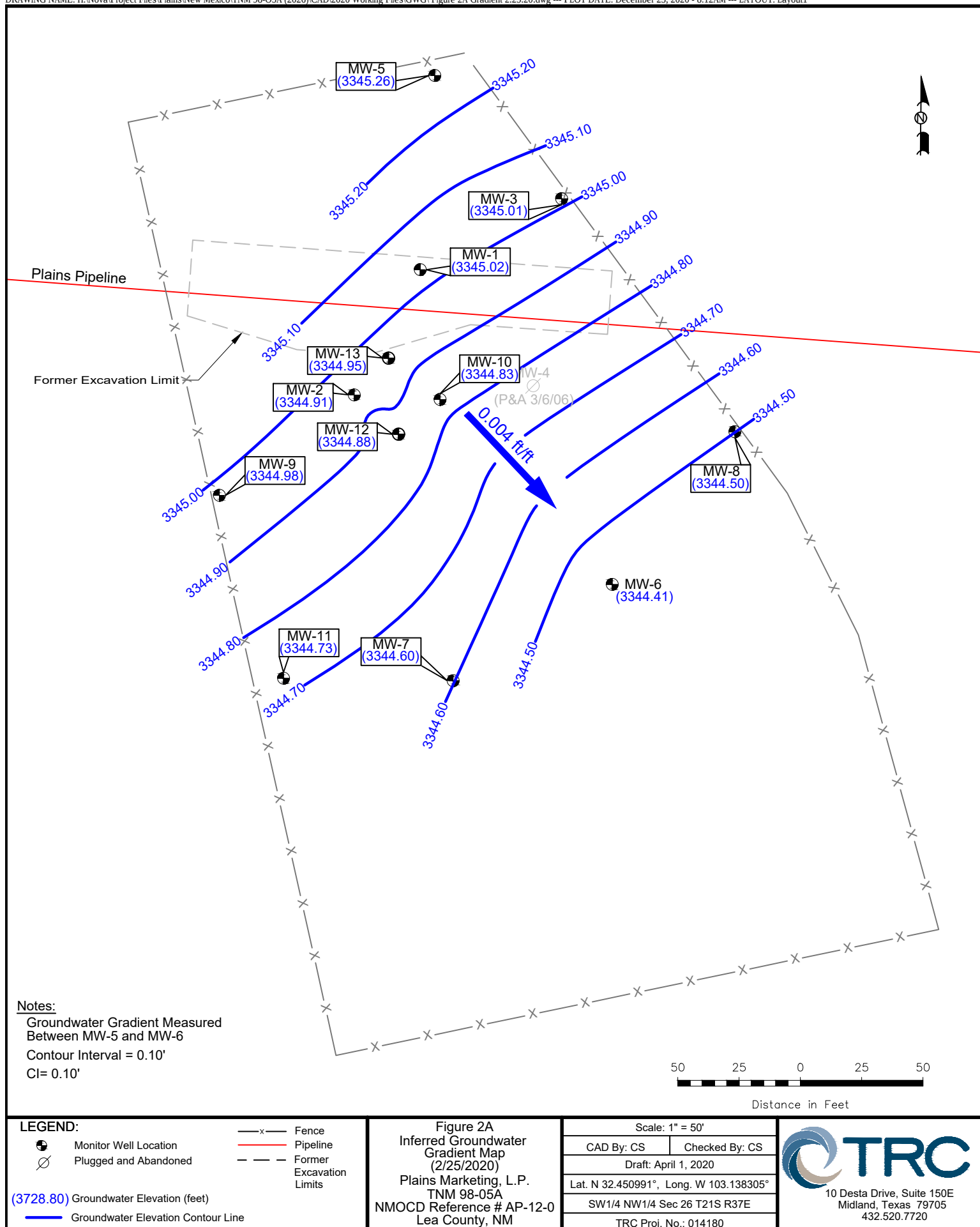
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SW1/4 NW1/4 Sec 26 T21S R37E

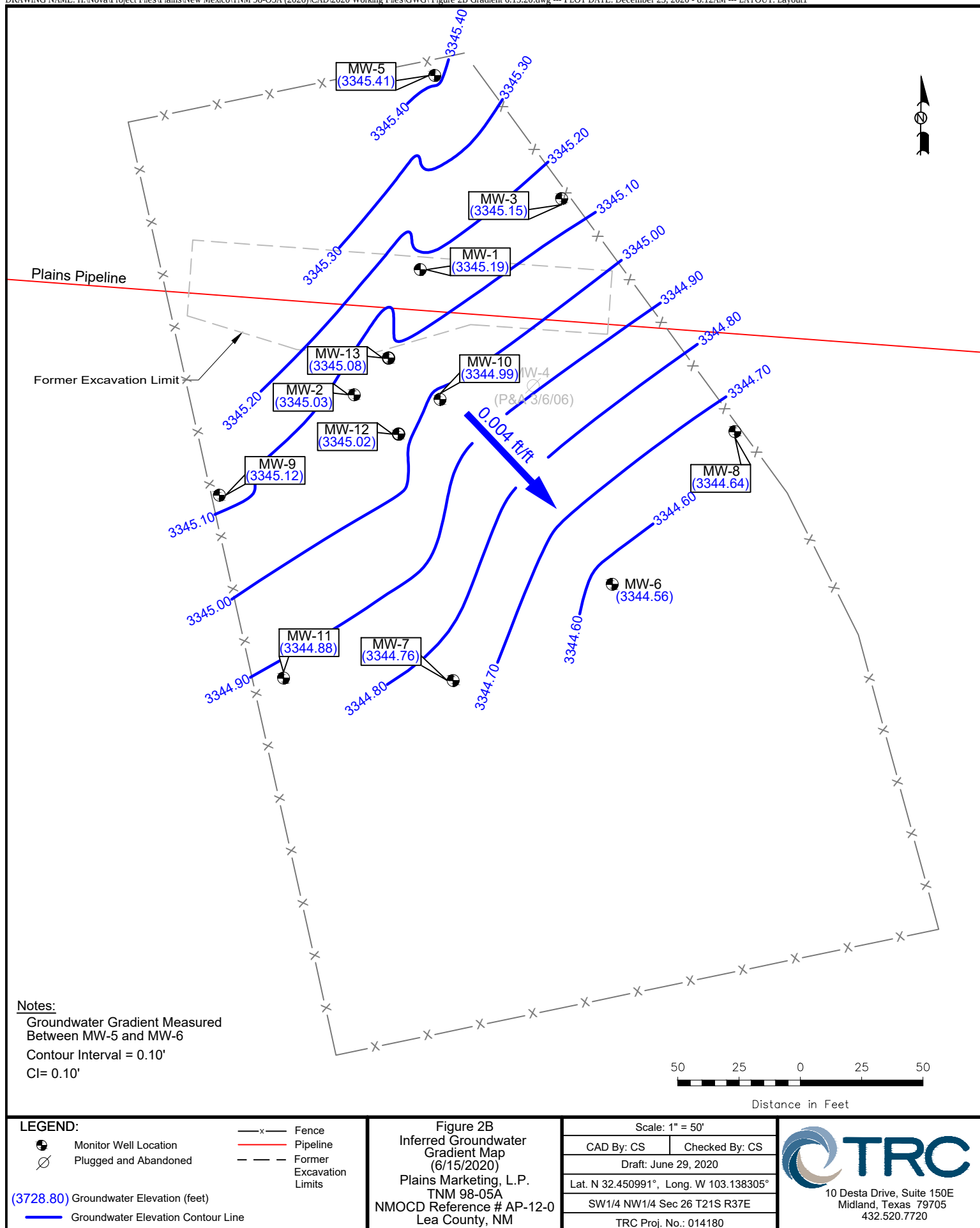
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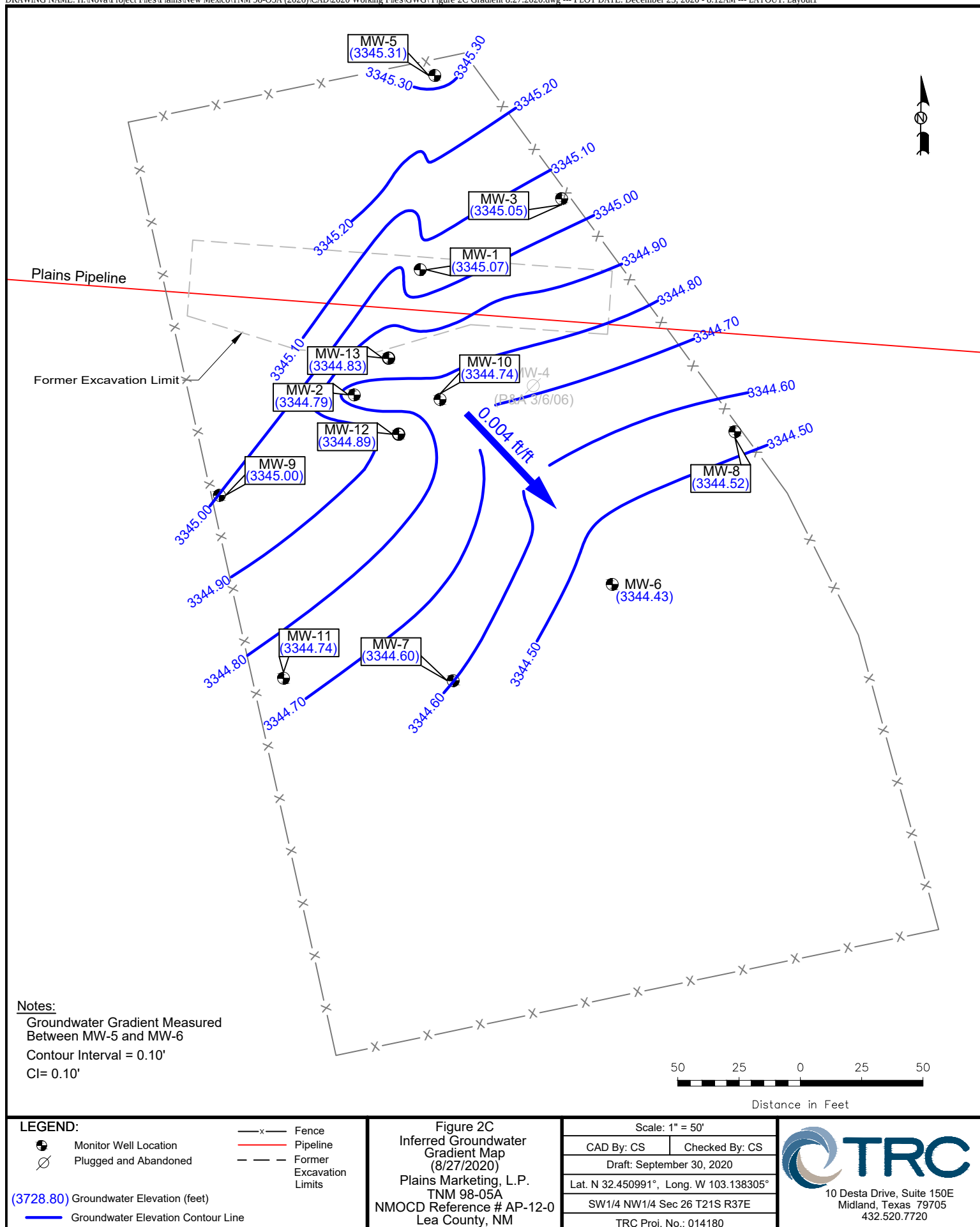
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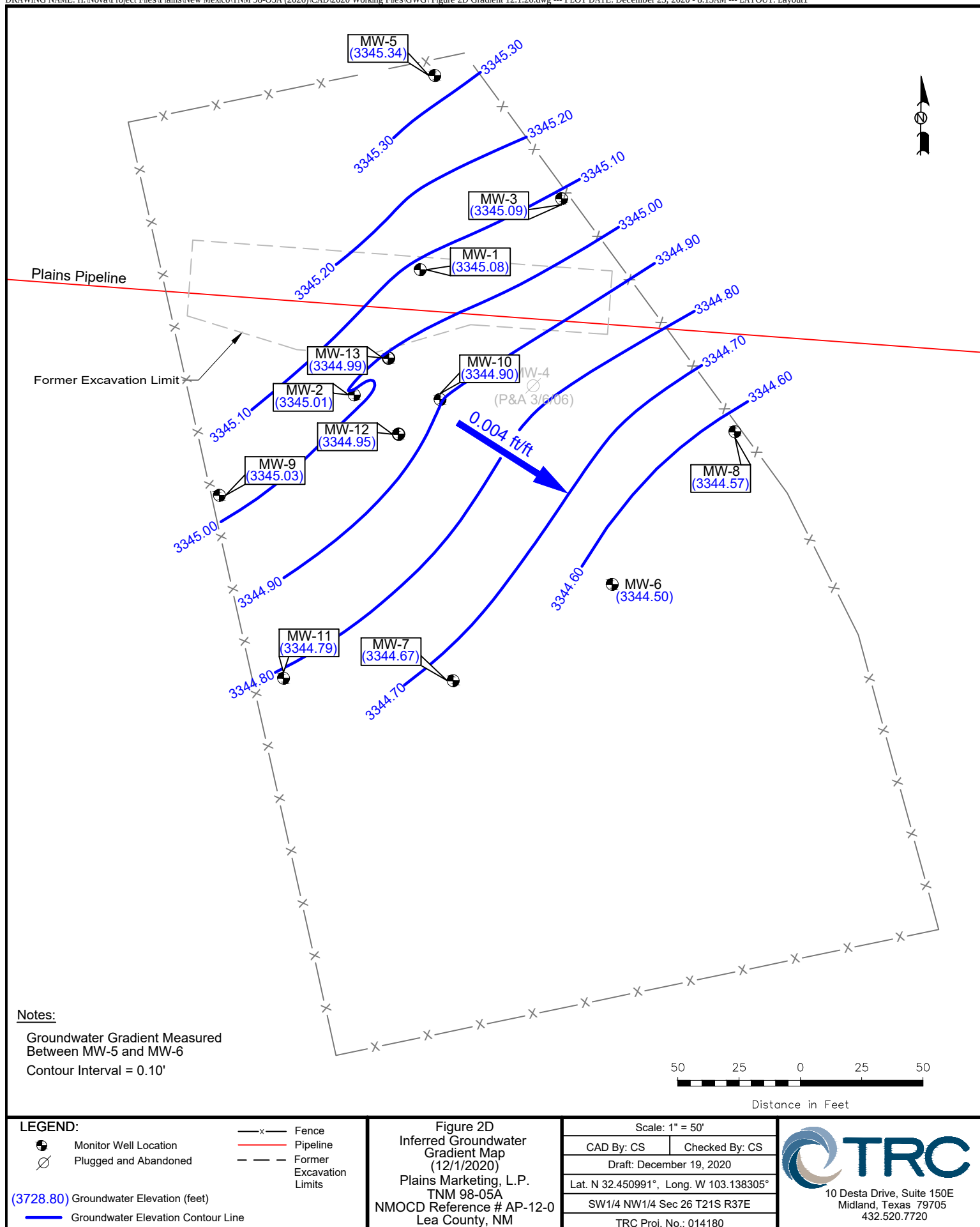
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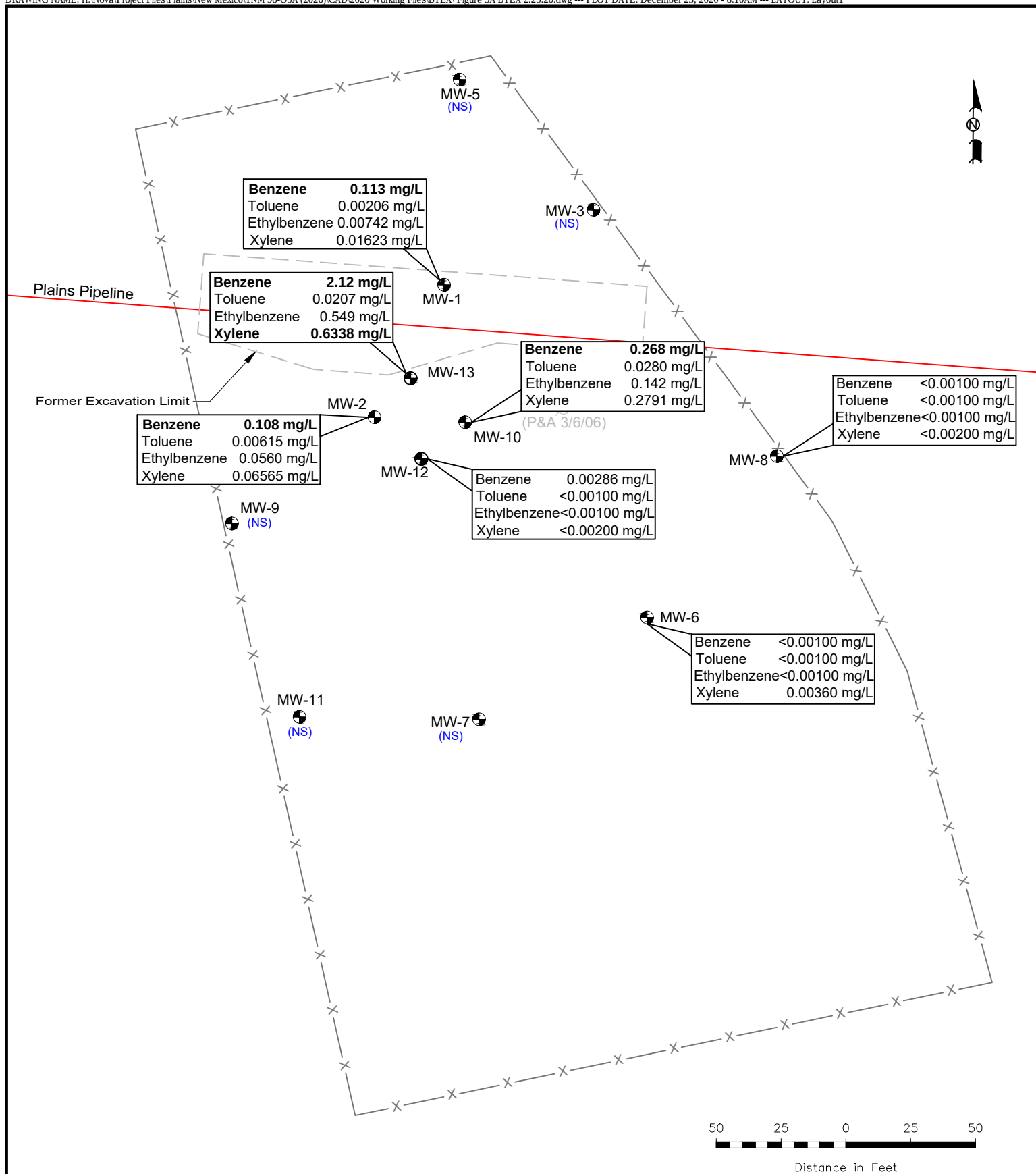
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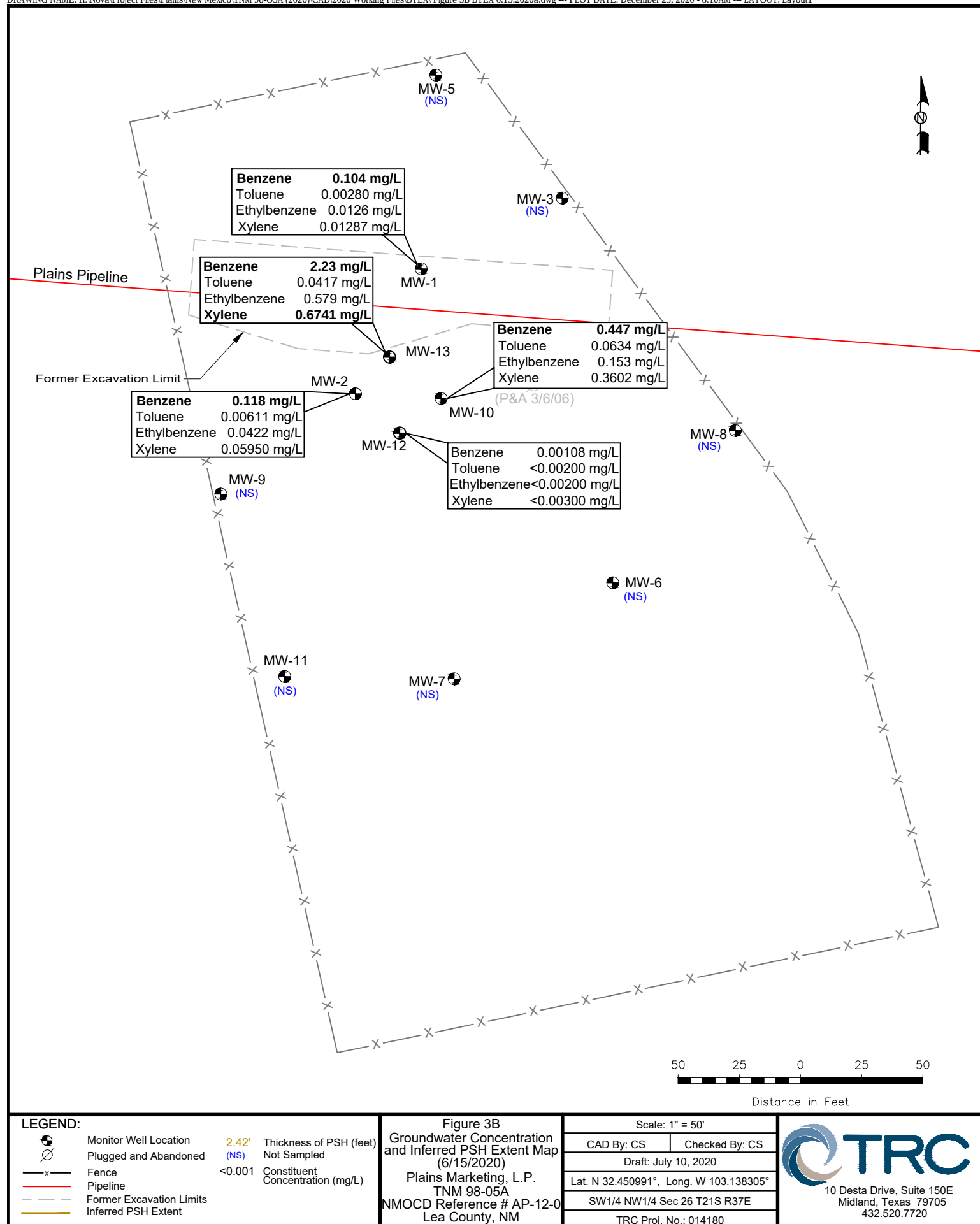
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	Plugged and Abandoned	(NS)	Not Sampled
	Fence	<0.001	Constituent Concentration (mg/L)
	Pipeline		
	Former Excavation Limits		
	Inferred PSH Extent		

Figure 3A
Groundwater Concentration and Inferred PSH Extent Map
 (2/25/2020)
 Plains Marketing, L.P.
 TNM 98-05A
 NMOC Reference # AP-12-0
 Lea County, NM

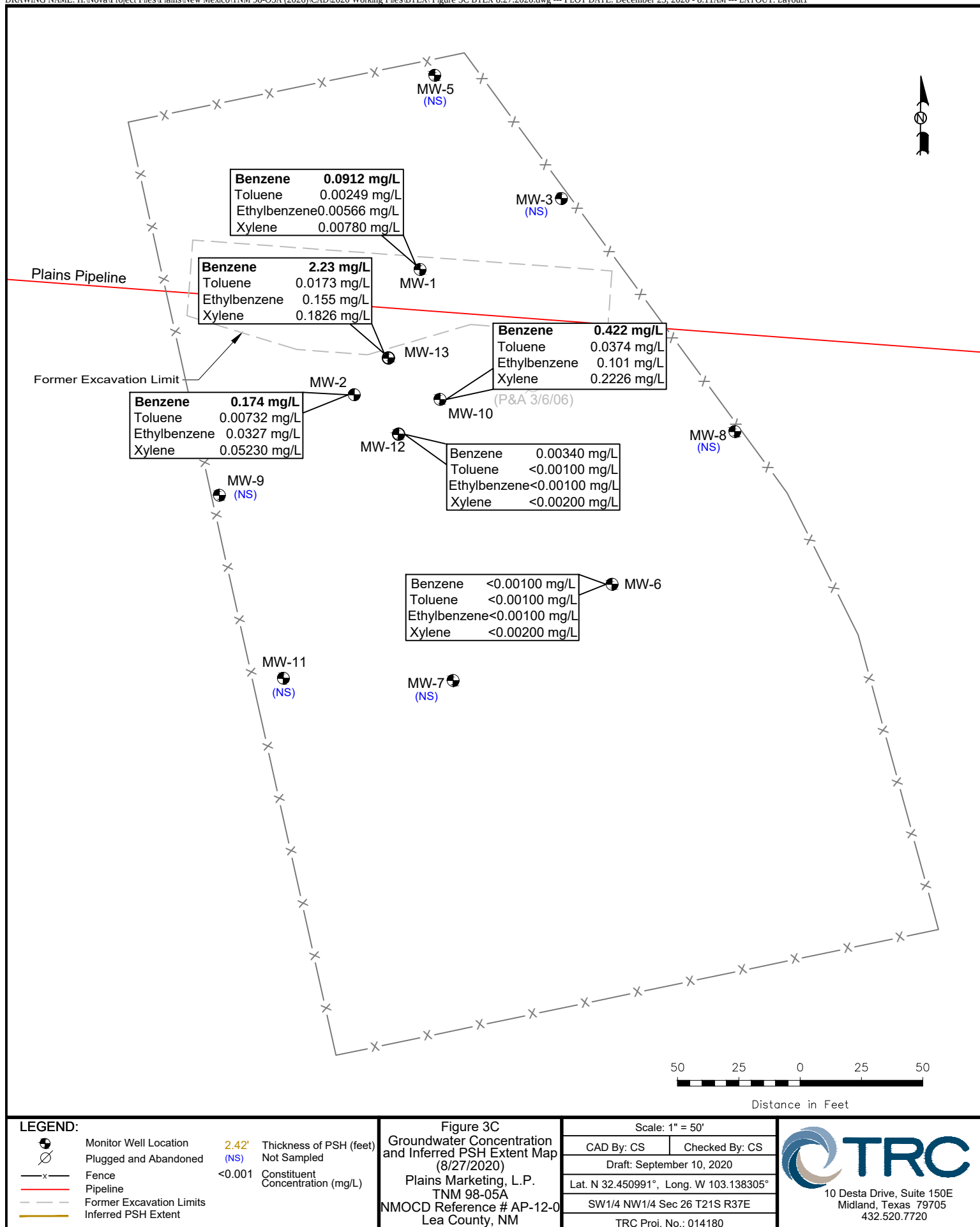
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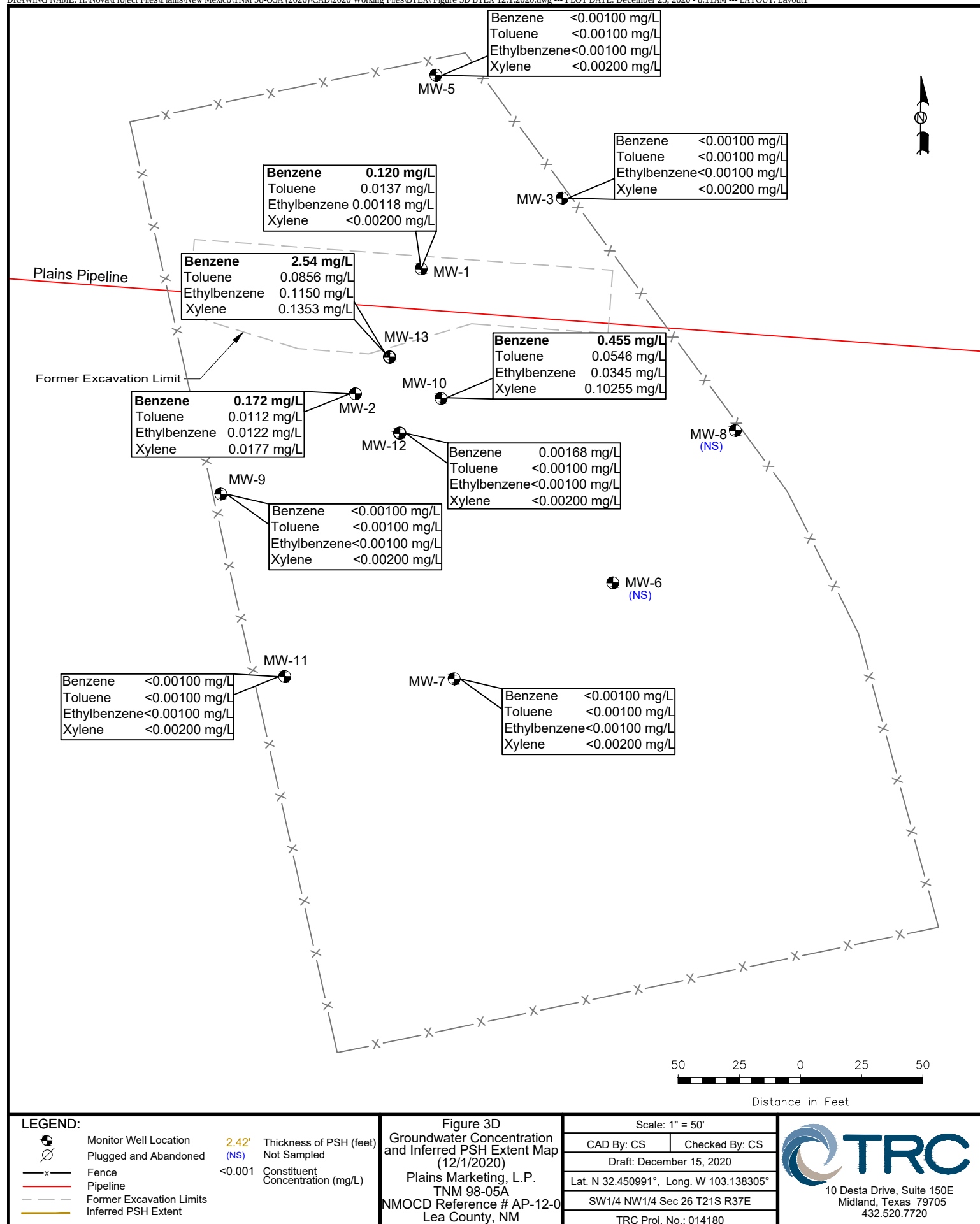
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Tables

TABLE 1

2020 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	01/24/20	3391.62	-	46.60	0.00	3,345.02
MW - 1	01/31/20	3391.62	-	46.67	0.00	3,344.95
MW - 1	02/06/20	3391.62	-	46.54	0.00	3,345.08
MW - 1	02/21/20	3391.62	-	46.60	0.00	3,345.02
MW - 1	02/14/20	3391.62	-	46.58	0.00	3,345.04
MW - 1	02/25/20	3391.62	-	46.60	0.00	3,345.02
MW - 1	05/28/20	3391.62	-	46.48	0.00	3,345.14
MW - 1	06/15/20	3391.62	-	46.43	0.00	3,345.19
MW - 1	08/27/20	3391.62	-	46.55	0.00	3,345.07
MW - 1	09/10/20	3391.62	-	46.68	0.00	3,344.94
MW - 1	10/21/20	3391.62	-	46.62	0.00	3,345.00
MW - 1	11/02/20	3391.62	-	46.70	0.00	3,344.92
MW - 1	12/01/20	3391.62	-	46.54	0.00	3,345.08
MW - 2	01/16/20	3390.85	-	45.98	0.00	3,344.87
MW - 2	01/24/20	3390.85	-	45.93	0.00	3,344.92
MW - 2	02/06/20	3390.85	-	45.88	0.00	3,344.97
MW - 2	02/14/20	3390.85	-	45.90	0.00	3,344.95
MW - 2	02/21/20	3390.85	-	45.97	0.00	3,344.88
MW - 2	02/25/20	3390.85	-	45.94	0.00	3,344.91
MW - 2	05/28/20	3390.85	-	45.82	0.00	3,345.03
MW - 2	06/15/20	3390.85	-	45.82	0.00	3,345.03
MW - 2	07/01/20	3390.85	-	45.82	0.00	3,345.03
MW - 2	07/29/20	3390.85	-	46.00	0.00	3,344.85
MW - 2	08/20/20	3390.85	-	46.05	0.00	3,344.80
MW - 2	08/27/20	3390.85	-	46.06	0.00	3,344.79
MW - 2	09/10/20	3390.85	-	46.12	0.00	3,344.73
MW - 2	10/21/20	3390.85	-	46.12	0.00	3,344.73
MW - 2	11/02/20	3390.85	-	46.06	0.00	3,344.79
MW - 2	12/01/20	3390.85	-	45.84	0.00	3,345.01
MW - 2	12/07/20	3390.85	-	45.97	0.00	3,344.88
MW - 3	01/24/20	3391.08	-	46.05	0.00	3,345.03
MW - 3	02/25/20	3391.08	-	46.07	0.00	3,345.01
MW - 3	05/28/20	3391.08	-	45.95	0.00	3,345.13
MW - 3	06/15/20	3391.08	-	45.93	0.00	3,345.15
MW - 3	08/27/20	3391.08	-	46.03	0.00	3,345.05
MW - 3	09/10/20	3391.08	-	46.14	0.00	3,344.94
MW - 3	10/21/20	3391.08	-	46.10	0.00	3,344.98
MW - 3	12/01/20	3391.08	-	45.99	0.00	3,345.09
MW - 5	01/24/20	3391.53	-	46.24	0.00	3,345.29
MW - 5	02/25/20	3391.53	-	46.27	0.00	3,345.26
MW - 5	05/28/20	3391.53	-	46.14	0.00	3,345.39
MW - 5	06/15/20	3391.53	-	46.12	0.00	3,345.41
MW - 5	08/27/20	3391.53	-	46.22	0.00	3,345.31
MW - 5	09/10/20	3391.53	-	46.34	0.00	3,345.19

TABLE 1

2020 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5	10/21/20	3391.53	-	46.29	0.00	3,345.24
MW - 5	12/01/20	3391.53	-	46.19	0.00	3,345.34
MW- 6	01/24/20	3391.14	-	46.69	0.00	3,344.45
MW- 6	02/25/20	3391.14	-	46.73	0.00	3,344.41
MW- 6	05/28/20	3391.14	-	46.59	0.00	3,344.55
MW- 6	06/15/20	3391.14	-	46.58	0.00	3,344.56
MW- 6	08/27/20	3391.14	-	46.71	0.00	3,344.43
MW- 6	09/10/20	3392.14	-	46.84	0.00	3,345.30
MW- 6	10/21/20	3392.14	-	46.79	0.00	3,345.35
MW- 6	12/01/20	3392.14	-	47.64	0.00	3,344.50
MW - 7	01/24/20	3391.21	-	46.58	0.00	3,344.63
MW - 7	02/25/20	3391.21	-	46.61	0.00	3,344.60
MW - 7	05/28/20	3391.21	-	46.47	0.00	3,344.74
MW - 7	06/15/20	3391.21	-	46.45	0.00	3,344.76
MW - 7	08/27/20	3391.21	-	46.61	0.00	3,344.60
MW - 7	09/10/20	3391.21	-	46.74	0.00	3,344.47
MW - 7	10/21/20	3391.21	-	46.68	0.00	3,344.53
MW - 7	12/01/20	3391.21	-	46.54	0.00	3,344.67
MW - 8	01/24/20	3391.14	-	46.61	0.00	3,344.53
MW - 8	02/25/20	3391.14	-	46.64	0.00	3,344.50
MW - 8	05/28/20	3391.14	-	46.52	0.00	3,344.62
MW - 8	06/15/20	3391.14	-	46.50	0.00	3,344.64
MW - 8	08/27/20	3391.14	-	46.62	0.00	3,344.52
MW - 8	09/10/20	3391.14	-	46.74	0.00	3,344.40
MW - 8	10/21/20	3391.14	-	46.70	0.00	3,344.44
MW - 8	12/01/20	3391.14	-	46.57	0.00	3,344.57
MW - 9	01/24/20	3391.47	-	46.46	0.00	3,345.01
MW - 9	02/25/20	3391.47	-	46.49	0.00	3,344.98
MW - 9	05/28/20	3391.47	-	46.34	0.00	3,345.13
MW - 9	06/15/20	3391.47	-	46.35	0.00	3,345.12
MW - 9	08/27/20	3391.47	-	46.47	0.00	3,345.00
MW - 9	09/10/20	3391.47	-	46.58	0.00	3,344.89
MW - 9	10/21/20	3391.47	-	46.55	0.00	3,344.92
MW - 9	12/01/20	3391.47	-	46.44	0.00	3,345.03
MW - 10	01/16/20	3391.26	-	46.47	0.00	3,344.79
MW - 10	01/24/20	3391.26	-	46.43	0.00	3,344.83
MW - 10	02/06/20	3391.26	-	46.36	0.00	3,344.90
MW - 10	02/14/20	3391.26	-	46.42	0.00	3,344.84
MW - 10	02/21/20	3391.26	-	46.45	0.00	3,344.81
MW - 10	02/25/20	3391.26	-	46.43	0.00	3,344.83
MW - 10	05/28/20	3391.26	-	46.33	0.00	3,344.93
MW - 10	06/15/20	3391.26	-	46.27	0.00	3,344.99

TABLE 1

2020 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	07/02/20	3391.26	-	46.34	0.00	3,344.92
MW - 10	07/29/20	3391.26	-	46.44	0.00	3,344.82
MW - 10	08/20/20	3391.26	-	46.50	0.00	3,344.76
MW - 10	08/27/20	3391.26	-	46.52	0.00	3,344.74
MW - 10	09/10/20	3391.26	-	46.62	0.00	3,344.64
MW - 10	10/21/20	3391.26	-	46.54	0.00	3,344.72
MW - 10	11/02/20	3391.26	-	46.54	0.00	3,344.72
MW - 10	12/01/20	3391.26	-	46.36	0.00	3,344.90
MW - 10	12/07/20	3391.26	-	46.45	0.00	3,344.81
MW - 11	01/24/20	3390.73	-	45.96	0.00	3,344.77
MW - 11	02/25/20	3390.73	-	46.00	0.00	3,344.73
MW - 11	05/28/20	3390.73	-	45.85	0.00	3,344.88
MW - 11	06/15/20	3390.73	-	45.85	0.00	3,344.88
MW - 11	08/27/20	3390.73	-	45.99	0.00	3,344.74
MW - 11	09/10/20	3390.73	-	46.10	0.00	3,344.63
MW - 11	10/21/20	3390.73	-	46.07	0.00	3,344.66
MW - 11	12/01/20	3390.73	-	45.94	0.00	3,344.79
MW - 12	01/24/20	3391.57	-	46.65	0.00	3,344.92
MW - 12	02/21/20	3391.57	-	46.68	0.00	3,344.89
MW - 12	01/02/00	3391.57	-	46.68	0.00	3,344.89
MW - 12	02/14/20	3391.57	-	46.65	0.00	3,344.92
MW - 12	02/25/20	3391.57	-	46.69	0.00	3,344.88
MW - 12	05/28/20	3391.57	-	46.55	0.00	3,345.02
MW - 12	06/15/20	3391.57	-	46.55	0.00	3,345.02
MW - 12	08/27/20	3391.57	-	46.68	0.00	3,344.89
MW - 12	09/10/20	3391.57	-	46.79	0.00	3,344.78
MW - 12	10/21/20	3391.57	-	46.75	0.00	3,344.82
MW - 12	11/02/20	3391.57	-	46.81	0.00	3,344.76
MW - 12	12/01/20	3391.57	-	46.62	0.00	3,344.95
MW - 13	01/06/20	3391.89	-	46.98	0.00	3,344.91
MW - 13	01/16/20	3391.89	-	46.98	0.00	3,344.91
MW - 13	01/24/20	3391.89	-	46.97	0.00	3,344.92
MW - 13	01/31/20	3391.89	-	47.05	0.00	3,344.84
MW - 13	02/06/20	3391.89	-	46.88	0.00	3,345.01
MW - 13	02/14/20	3391.89	-	46.91	0.00	3,344.98
MW - 13	02/21/20	3391.89	-	46.95	0.00	3,344.94
MW - 13	02/25/20	3391.89	-	46.94	0.00	3,344.95
MW - 13	05/28/20	3391.89	-	46.83	0.00	3,345.06
MW - 13	06/15/20	3391.89	-	46.81	0.00	3,345.08
MW - 13	07/02/20	3391.89	-	46.84	0.00	3,345.05
MW - 13	07/29/20	3391.89	-	46.98	0.00	3,344.91
MW - 13	08/20/20	3391.89	-	47.06	0.00	3,344.83
MW - 13	08/27/20	3391.89	-	47.06	0.00	3,344.83
MW - 13	09/10/20	3391.89	-	47.20	0.00	3,344.69

TABLE 1

2020 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 13	10/21/20	3391.89	-	47.12	0.00	3,344.77
MW - 13	11/02/20	3391.89	-	47.06	0.00	3,344.83
MW - 13	12/01/20	3391.89	-	46.90	0.00	3,344.99
MW - 13	12/07/20	3391.89	-	46.97	0.00	3,344.92

TABLE 2

2020 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 1	02/25/20	0.113	0.00206	0.00742	0.01623	
MW - 1	06/15/20	0.104	0.00280	0.0126	0.01287	
MW - 1	08/27/20	0.0912	0.00249	0.00566	0.00780	
MW - 1	12/01/20	0.120	0.0137	0.00118	<0.00200	
MW - 2	02/25/20	0.108	0.00615	0.0560	0.06565	
MW - 2	06/15/20	0.118	0.00611	0.0422	0.05950	
MW - 2	08/27/20	0.174	0.00732	0.0327	0.05230	
MW - 2	12/01/20	0.172	0.0112	0.0122	0.0177	
MW - 3	02/25/20	Not Sampled on Current Sample Schedule				
MW - 3	06/15/20	Not Sampled on Current Sample Schedule				
MW - 3	08/27/20	Not Sampled on Current Sample Schedule				
MW - 3	12/01/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5	02/25/20	Not Sampled on Current Sample Schedule				
MW - 5	06/15/20	Not Sampled on Current Sample Schedule				
MW - 5	08/27/20	Not Sampled on Current Sample Schedule				
MW - 5	12/01/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	02/25/20	<0.00100	<0.00100	0.00110	0.00360	
MW - 6	06/15/20	Not Sampled on Current Sample Schedule				
MW - 6	08/27/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	12/01/20	Not Sampled on Current Sample Schedule				
MW - 7	02/25/20	Not Sampled on Current Sample Schedule				
MW - 7	06/15/20	Not Sampled on Current Sample Schedule				
MW - 7	08/27/20	Not Sampled on Current Sample Schedule				
MW - 7	12/01/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 8	02/25/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 8	06/15/20	Not Sampled on Current Sample Schedule				
MW - 8	08/27/20	Not Sampled on Current Sample Schedule				
MW - 8	12/01/20	Not Sampled on Current Sample Schedule				
MW - 9	02/25/20	Not Sampled on Current Sample Schedule				
MW - 9	06/15/20	Not Sampled on Current Sample Schedule				
MW - 9	08/27/20	Not Sampled on Current Sample Schedule				
MW - 9	12/01/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	02/25/20	0.268	0.0280	0.142	0.2791	
MW - 10	06/15/20	0.447	0.0634	0.153	0.3602	

TABLE 2

2020 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 TNM 98-05 A
 LEA COUNTY, NEW MEXICO
 NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 10	08/27/20	0.422	0.0374	0.101	0.2226	
MW - 10	12/01/20	0.455	0.0546	0.0345	0.10255	
MW - 11	02/25/20	Not Sampled on Current Sample Schedule				
MW - 11	06/15/20	Not Sampled on Current Sample Schedule				
MW - 11	08/27/20	Not Sampled on Current Sample Schedule				
MW - 11	12/01/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW-12	02/25/20	0.00286	<0.00100	<0.00100	<0.00200	
MW-12	06/15/20	0.00108	<0.00200	<0.00200	<0.00300	
MW-12	08/27/20	0.00340	<0.00100	<0.00100	<0.00200	
MW-12	12/01/20	0.00168	<0.00100	<0.00100	<0.00200	
MW-13	02/25/20	2.12	0.0207	0.549	0.6338	
MW-13	06/15/20	2.23	0.0417	0.579	0.6741	
MW-13	08/27/20	2.23	0.0173	0.155	0.1826	
MW-13	12/01/20	2.54	0.0856	0.1150	0.1353	

TABLE 3

2020 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 98-05A

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-12

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																	
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---
MW-1	12/01/20	0.00019	0.00027	0.00012	0.00017	0.00020	0.00019	0.00019	0.00017	0.00052	0.00020	0.00026	0.00092	0.00023	0.0011	0.00020	0.00463		0.0026
MW-2	12/01/20	0.00013	<0.00010	0.00010	0.00010	0.00019	0.00015	0.00020	0.00016	0.00021	0.00019	0.00012	0.00068	0.00027	0.00070	<0.00010	0.00772		0.0019
MW-3	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-5	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-6	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-7	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-8	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-9	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-10	12/01/20	0.00023	0.00036	0.00023	<0.000099	0.00013	0.00016	0.00017	0.00015	0.00045	0.00019	0.00037	0.0021	0.00018	0.0038	0.00019	0.094		0.0048
MW-11	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-12	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-13	12/01/20	0.00013	0.00022	0.00022	0.00014	0.00019	0.00015	0.00021	0.00013	0.00029	0.00020	0.00028	0.0012	0.00030	0.0033	0.00023	0.064		0.0026

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	02/03/99	3390.57	46.05	49.70	3.65	3,343.97
MW - 1	05/12/99	3390.57	45.99	49.31	3.32	3,344.08
MW - 1	08/23/99	3390.57	46.15	49.51	3.36	3,343.92
MW - 1	11/29/99	3390.57	45.61	45.84	0.23	3,344.93
MW - 1	03/09/00	3390.57	46.48	47.57	1.09	3,343.93
MW - 1	05/11/00	3390.57	46.13	46.92	0.79	3,344.32
MW - 1	09/12/00	3390.57	46.13	46.74	0.61	3,344.35
MW - 1	12/14/00	3390.57	45.81	46.90	1.09	3,344.60
MW - 1	03/21/01	3390.57	46.48	47.57	1.09	3,343.93
MW - 1	05/30/01	3390.57	46.13	48.40	2.27	3,344.10
MW - 1	09/25/01	3390.57	COULD NOT GAUGE DUE TO EXCAVATION			-
MW - 1	11/17/01	3390.57	COULD NOT GAUGE DUE TO EXCAVATION			-
MW - 1	02/20/02	3390.57	COULD NOT GAUGE DUE TO EXCAVATION			-
MW - 1	05/20/02	3390.57	COULD NOT GAUGE DUE TO EXCAVATION			-
MW - 1	09/24/02	3390.57	COULD NOT GAUGE DUE TO EXCAVATION			-
MW - 1	10/29/02	3390.57	42.37	39.58	-	-
MW - 1	11/06/02	3390.57	39.23	41.26	2.03	3,351.04
MW - 1	11/13/02	3390.57	39.86	41.38	1.52	3,350.48
MW - 1	01/07/03	3390.57	39.74	41.56	1.82	3,350.56
MW - 1	01/13/03	3390.57	39.72	41.55	1.83	3,350.58
MW - 1	01/27/03	3390.57	39.82	41.66	1.84	3,350.47
MW - 1	02/06/03	3390.57	39.89	41.50	1.61	3,350.44
MW - 1	03/11/03	3390.57	39.96	41.34	1.38	3,350.40
MW - 1	05/08/03	3390.57	35.92	37.75	1.83	3,354.38
MW - 1	05/15/03	3390.57	36.08	37.95	1.87	3,354.21
MW - 1	05/20/03	3390.57	36.27	38.18	1.91	3,354.01
MW - 1	05/27/03	3390.57	36.35	38.26	1.91	3,353.93
MW - 1	06/03/03	3390.57	36.30	38.15	1.85	3,353.99
MW - 1	06/10/03	3390.57	36.43	38.34	1.91	3,353.85
MW - 1	06/25/03	3390.57	36.73	37.82	1.09	3,353.68
MW - 1	07/02/03	3390.57	36.97	37.80	0.83	3,353.48
MW - 1	07/07/03	3390.57	36.72	37.91	1.19	3,353.67
MW - 1	07/22/03	3390.57	39.99	40.97	0.98	3,350.43
MW - 1	07/30/03	3390.57	36.45	37.04	0.59	3,354.03
MW - 1	08/06/03	3390.57	36.15	36.80	0.65	3,354.32
MW - 1	08/13/03	3390.57	36.72	36.85	0.13	3,353.83
MW - 1	08/19/03	3390.57	36.41	36.89	0.48	3,354.09
MW - 1	08/20/03	3390.57	36.93	37.19	0.26	3,353.60
MW - 1	08/25/03	3390.57	36.97	37.25	0.28	3,353.56
MW - 1	09/08/03	3390.57	sheen	37.45	0.00	3,353.12
MW - 1	09/15/03	3390.57	sheen	37.48	0.00	3,353.09
MW - 1	09/24/03	3390.57	sheen	37.59	0.00	3,352.98
MW - 1	09/30/03	3390.57	37.18	37.19	0.01	3,353.39
MW - 1	10/07/03	3390.57	37.40	37.41	0.01	3,353.17

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	10/22/03	3390.57	sheen	37.31	0.00	3,353.26
MW - 1	10/27/03	3390.57	sheen	37.13	0.00	3,353.44
MW - 1	11/07/03	3390.57	37.40	37.52	0.12	3,353.15
MW - 1	11/10/03	3390.57	sheen	37.53	0.00	3,353.04
MW - 1	11/17/03	3390.57	sheen	36.81	0.00	3,353.76
MW - 1	12/08/03	3390.57	sheen	35.77	0.00	3,354.80
MW - 1	12/17/03	3390.57	sheen	36.79	0.00	3,353.78
MW - 1	12/22/03	3390.57	37.33	37.34	0.01	3,353.24
MW - 1	01/02/04	3390.57	sheen	35.41	0.00	3,355.16
MW - 1	01/06/04	3390.57	sheen	37.35	0.00	3,353.22
MW - 1	01/19/04	3390.57	sheen	35.96	0.00	3,354.61
MW - 1	01/26/04	3390.57	sheen	36.04	0.00	3,354.53
MW - 1	02/02/04	3390.57	sheen	35.99	0.00	3,354.58
MW - 1	02/09/04	3390.57	35.52	35.53	0.01	3,355.05
MW - 1	02/19/04	3390.57	sheen	35.62	0.00	3,354.95
MW - 1	02/23/04	3390.57	-	35.50	0.00	3,355.07
MW - 1	03/01/04	3390.57	-	35.48	0.00	3,355.09
MW - 1	03/10/04	3390.57	-	35.51	0.00	3,355.06
MW - 1	03/15/04	3390.57	-	35.94	0.00	3,354.63
MW - 1	03/23/04	3390.57	-	36.50	0.00	3,354.07
MW - 1	03/30/04	3390.57	-	36.66	0.00	3,353.91
MW - 1	04/12/04	3390.57	-	36.60	0.00	3,353.97
MW - 1	04/20/04	3390.57	-	36.00	0.00	3,354.57
MW - 1	05/03/04	3390.57	-	36.44	0.00	3,354.13
MW - 1	05/04/04	3390.57	-	36.44	0.00	3,354.13
MW - 1	06/09/04	3390.57	sheen	36.47	0.00	3,354.10
MW - 1	06/09/04	3390.57	36.47	36.47	0.01	3,354.11
MW - 1	06/16/04	3390.57	sheen	36.49	0.00	3,354.08
MW - 1	06/30/04	3390.57	sheen	26.50	0.00	3,364.07
MW - 1	07/13/04	3390.57	36.64	36.65	0.01	3,353.93
MW - 1	06/23/04	3390.57	sheen	26.52	0.00	3,364.05
MW - 1	08/23/04	3390.57	36.88	36.94	0.06	3,353.68
MW - 1	09/13/04	3390.57	sheen	37.10	0.00	3,353.47
MW - 1	09/22/04	3390.57	-	37.21	0.00	3,353.36
MW - 1	09/22/04	3390.57	-	37.21	0.00	3,353.36
MW - 1	09/29/04	3390.57	sheen	36.81	0.00	3,353.76
MW - 1	10/04/04	3390.57	sheen	36.15	0.00	3,354.42
MW - 1	10/04/04	3390.57	sheen	36.15	0.00	3,354.42
MW - 1	10/11/04	3390.57	sheen	35.98	0.00	3,354.59
MW - 1	10/19/04	3390.57	sheen	36.10	0.00	3,354.47
MW - 1	10/25/04	3390.57	sheen	36.13	0.00	3,354.44
MW - 1	11/01/04	3390.57	sheen	36.36	0.00	3,354.21
MW - 1	11/09/04	3390.57	sheen	36.31	0.00	3,354.26
MW - 1	11/17/04	3390.57	sheen	36.89	0.00	3,353.68

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	11/22/04	3390.57	sheen	36.50	0.00	3,354.07
MW - 1	11/29/04	3390.57	sheen	36.03	0.00	3,354.54
MW - 1	12/04/04	3390.57	sheen	35.65	0.00	3,354.92
MW - 1	12/13/04	3390.57	sheen	35.42	0.00	3,355.15
MW - 1	12/20/04	3390.57	sheen	35.30	0.00	3,355.27
MW - 1	12/30/04	3390.57	sheen	35.04	0.00	3,355.53
MW - 1	01/03/05	3390.57	sheen	35.01	0.00	3,355.56
MW - 1	01/10/05	3390.57	sheen	35.21	0.00	3,355.36
MW - 1	01/17/05	3390.57	sheen	35.19	0.00	3,355.38
MW - 1	01/24/05	3390.57	sheen	35.17	0.00	3,355.40
MW - 1	01/31/05	3390.57	sheen	35.29	0.00	3,355.28
MW - 1	02/07/05	3390.57	sheen	35.21	0.00	3,355.36
MW - 1	02/14/05	3390.57	sheen	35.28	0.00	3,355.29
MW - 1	02/21/05	3390.57	sheen	35.25	0.00	3,355.32
MW - 1	02/28/05	3390.57	sheen	35.29	0.00	3,355.28
MW - 1	03/07/05	3390.57	-	35.07	0.00	3,355.50
MW - 1	03/07/05	3390.57	sheen	35.07	0.00	3,355.50
MW - 1	03/16/05	3390.57	sheen	35.00	0.00	3,355.57
MW - 1	03/21/05	3390.57	sheen	34.95	0.00	3,355.62
MW - 1	03/28/05	3390.57	sheen	35.04	0.00	3,355.53
MW - 1	04/04/05	3390.57	sheen	35.07	0.00	3,355.50
MW - 1	04/13/05	3390.57	sheen	35.09	0.00	3,355.48
MW - 1	04/18/05	3390.57	sheen	35.10	0.00	3,355.47
MW - 1	05/23/05	3390.57	sheen	35.24	0.00	3,355.33
MW - 1	06/07/05	3390.57	-	35.05	0.00	3,355.52
MW - 1	06/21/05	3390.57	sheen	35.20	0.00	3,355.37
MW - 1	07/26/05	3390.57	sheen	35.05	0.00	3,355.52
MW - 1	08/25/05	3390.57	sheen	35.23	0.00	3,355.34
MW - 1	09/07/05	3390.57	sheen	35.20	0.00	3,355.37
MW - 1	09/26/05	3390.57	sheen	35.35	0.00	3,355.22
MONITOR WELL RISER WAS EXTENDED & RESURVEYED - NOTE ELEVATION CHANGE						
MW - 1	11/14/05	3391.62	sheen	49.84	0.00	3,341.78
MW - 1	12/14/05	3391.62	-	46.80	0.00	3,344.82
MW - 1	12/28/05	3391.62	sheen	46.55	0.00	3,345.07
MW - 1	01/12/06	3391.62	-	46.47	0.00	3,345.15
MW - 1	01/18/06	3391.62	sheen	46.56	0.00	3,345.06
MW - 1	02/15/06	3391.62	sheen	46.40	0.00	3,345.22
MW - 1	03/06/06	3391.62	-	46.50	0.00	3,345.12
MW - 1	03/20/06	3391.62	sheen	46.57	0.00	3,345.05
MW - 1	04/13/06	3391.62	sheen	46.39	0.00	3,345.23
MW - 1	04/19/06	3391.62	sheen	46.50	0.00	3,345.12
MW - 1	05/25/06	3391.62	sheen	46.24	0.00	3,345.38
MW - 1	06/05/06	3391.62	sheen	46.22	0.00	3,345.40
MW - 1	09/11/06	3391.62	sheen	46.71	0.00	3,344.91

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	10/31/06	3391.62	sheen	46.91	0.00	3,344.71
MW - 1	11/16/06	3391.62	sheen	46.80	0.00	3,344.82
MW - 1	11/21/06	3391.62	sheen	46.76	0.00	3,344.86
MW - 1	01/26/07	3391.62	sheen	46.66	0.00	3,344.96
MW - 1	01/31/07	3391.62	sheen	46.53	0.00	3,345.09
MW - 1	02/15/07	3391.62	-	46.61	0.00	3,345.01
MW - 1	02/20/07	3391.62	-	46.56	0.00	3,345.06
MW - 1	05/15/07	3391.62	-	46.74	0.00	3,344.88
MW - 1	08/09/07	3391.62	-	46.48	0.00	3,345.14
MW - 1	10/01/07	3391.62	sheen	46.73	0.00	3,344.89
MW - 1	10/12/07	3391.62	sheen	46.73	0.00	3,344.89
MW - 1	11/13/07	3391.62	-	46.82	0.00	3,344.80
MW - 1	02/14/08	3391.62	-	46.99	0.00	3,344.63
MW - 1	04/18/08	3391.62	-	46.11	0.00	3,345.51
MW - 1	05/16/08	3391.62	-	46.31	0.00	3,345.31
MW - 1	06/08/08	3391.62	-	46.40	0.00	3,345.22
MW - 1	07/15/08	3391.62	-	46.70	0.00	3,344.92
MW - 1	07/16/08	3391.62	-	46.76	0.00	3,344.86
MW - 1	08/12/08	3391.62	-	46.80	0.00	3,344.82
MW - 1	08/19/08	3391.62	-	46.85	0.00	3,344.77
MW - 1	10/28/08	3391.62	-	47.08	0.00	3,344.54
MW - 1	11/19/08	3391.62	-	46.18	0.00	3,345.44
MW - 1	11/24/08	3391.62	-	47.32	0.00	3,344.30
MW - 1	12/17/08	3391.62	-	47.09	0.00	3,344.53
MW - 1	02/18/09	3391.62	-	46.34	0.00	3,345.28
MW - 1	03/03/09	3391.62	-	46.19	0.00	3,345.43
MW - 1	03/10/09	3391.62	-	46.43	0.00	3,345.19
MW - 1	03/18/09	3391.62	-	46.55	0.00	3,345.07
MW - 1	03/27/09	3391.62	-	46.55	0.00	3,345.07
MW - 1	04/07/09	3391.62	-	46.69	0.00	3,344.93
MW - 1	04/14/09	3391.62	-	46.75	0.00	3,344.87
MW - 1	04/28/09	3391.62	-	46.83	0.00	3,344.79
MW - 1	05/19/09	3391.62	-	46.91	0.00	3,344.71
MW - 1	05/27/09	3391.62	-	47.04	0.00	3,344.58
MW - 1	06/04/09	3391.62	-	47.02	0.00	3,344.60
MW - 1	06/12/09	3391.62	-	47.08	0.00	3,344.54
MW - 1	06/18/09	3391.62	-	47.12	0.00	3,344.50
MW - 1	06/30/09	3391.62	-	46.20	0.00	3,345.42
MW - 1	07/07/09	3391.62	-	47.14	0.00	3,344.48
MW - 1	07/14/09	3391.62	-	47.15	0.00	3,344.47
MW - 1	07/21/09	3391.62	-	47.21	0.00	3,344.41
MW - 1	07/28/09	3391.62	-	47.14	0.00	3,344.48
MW - 1	08/07/09	3391.62	-	47.16	0.00	3,344.46
MW - 1	08/13/09	3391.62	-	47.13	0.00	3,344.49

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	08/21/09	3391.62	-	47.17	0.00	3,344.45
MW - 1	08/27/09	3391.62	-	47.21	0.00	3,344.41
MW - 1	09/10/09	3391.62	-	47.20	0.00	3,344.42
MW - 1	09/18/09	3391.62	-	47.22	0.00	3,344.40
MW - 1	09/29/09	3391.62	-	47.16	0.00	3,344.46
MW - 1	10/06/09	3391.62	-	47.17	0.00	3,344.45
MW - 1	10/20/09	3391.62	-	47.16	0.00	3,344.46
MW - 1	10/27/09	3391.62	-	47.17	0.00	3,344.45
MW - 1	11/11/09	3391.62	-	47.24	0.00	3,344.38
MW - 1	11/13/09	3391.62	-	47.12	0.00	3,344.50
MW - 1	12/08/09	3391.62	-	47.17	0.00	3,344.45
MW - 1	12/22/09	3391.62	-	47.18	0.00	3,344.44
MW - 1	01/12/10	3391.62	-	47.20	0.00	3,344.42
MW - 1	01/22/10	3391.62	-	47.16	0.00	3,344.46
MW - 1	02/04/10	3391.62	-	47.30	0.00	3,344.32
MW - 1	03/03/10	3391.62	-	47.49	0.00	3,344.13
MW - 1	03/16/10	3391.62	-	48.61	0.00	3,343.01
MW - 1	04/15/10	3391.62	-	47.53	0.00	3,344.09
MW - 1	05/07/10	3391.62	-	47.49	0.00	3,344.13
MW - 1	05/28/10	3391.62	-	47.61	0.00	3,344.01
MW - 1	06/08/10	3391.62	-	47.53	0.00	3,344.09
MW - 1	06/25/10	3391.62	-	47.49	0.00	3,344.13
MW - 1	07/08/10	3391.62	-	47.56	0.00	3,344.06
MW - 1	07/28/10	3391.62	-	47.51	0.00	3,344.11
MW - 1	08/06/10	3391.62	-	47.48	0.00	3,344.14
MW - 1	08/31/10	3391.62	-	47.62	0.00	3,344.00
MW - 1	09/10/10	3391.62	-	47.61	0.00	3,344.01
MW - 1	09/24/10	3391.62	-	47.63	0.00	3,343.99
MW - 1	10/06/10	3391.62	-	47.65	0.00	3,343.97
MW - 1	10/26/10	3391.62	-	47.16	0.00	3,344.46
MW - 1	11/05/10	3391.62	-	47.50	0.00	3,344.12
MW - 1	12/17/10	3391.62	-	47.14	0.00	3,344.48
MW - 1	01/13/11	3391.62	sheen	47.69	0.00	3,343.93
MW - 1	02/11/11	3391.62	-	47.50	0.00	3,344.12
MW - 1	05/09/11	3391.62	-	47.51	0.00	3,344.11
MW - 1	05/20/11	3391.62	-	47.93	0.00	3,343.69
MW - 1	06/29/11	3391.62	-	47.80	0.00	3,343.82
MW - 1	07/05/11	3391.62	-	47.82	0.00	3,343.80
MW - 1	07/25/11	3391.62	-	47.72	0.00	3,343.90
MW - 1	08/05/11	3391.62	-	47.53	0.00	3,344.09
MW - 1	08/11/11	3391.62	-	47.81	0.00	3,343.81
MW - 1	08/24/11	3391.62	-	47.90	0.00	3,343.72
MW - 1	09/09/11	3391.62	-	48.55	0.00	3,343.07
MW - 1	09/23/11	3391.62	-	48.60	0.00	3,343.02

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	10/26/11	3391.62	-	48.59	0.00	3,343.03
MW - 1	11/17/11	3391.62	-	48.53	0.00	3,343.09
MW - 1	01/30/12	3391.62	-	48.52	0.00	3,343.10
MW - 1	02/28/12	3391.62	-	48.33	0.00	3,343.29
MW - 1	03/15/12	3391.62	-	48.52	0.00	3,343.10
MW - 1	03/28/12	3391.62	47.97	48.33	0.36	3,343.60
MW - 1	04/05/12	3391.62	-	48.17	0.00	3,343.45
MW - 1	04/23/12	3391.62	-	48.17	0.00	3,343.45
MW - 1	05/03/12	3391.62	-	48.22	0.00	3,343.40
MW - 1	06/28/12	3391.62	-	48.49	0.00	3,343.13
MW - 1	08/24/12	3391.62	-	48.65	0.00	3,342.97
MW - 1	10/12/12	3391.62	48.56	48.59	0.03	3,343.06
MW - 1	10/24/12	3391.62	48.43	48.44	0.01	3,343.19
MW - 1	11/15/12	3391.62	48.46	48.47	0.01	3,343.16
MW - 1	12/20/12	3391.62	48.46	48.47	0.01	3,343.16
MW - 1	01/14/13	3391.62	-	48.31	0.00	3,343.31
MW - 1	02/14/13	3391.62	-	48.34	0.00	3,343.28
MW - 1	03/29/13	3391.62	-	48.27	0.00	3,343.35
MW - 1	04/19/13	3391.62	-	48.27	0.00	3,343.35
MW - 1	04/30/13	3391.62	-	48.23	0.00	3,343.39
MW - 1	05/28/13	3391.62	-	48.26	0.00	3,343.36
MW - 1	05/23/13	3391.62	-	48.31	0.00	3,343.31
MW - 1	05/30/13	3391.62	-	48.26	0.00	3,343.36
MW - 1	06/06/13	3391.62	-	48.36	0.00	3,343.26
MW - 1	06/13/13	3391.62	-	48.41	0.00	3,343.21
MW - 1	06/19/13	3391.62	-	48.42	0.00	3,343.20
MW - 1	07/30/13	3391.62	-	48.65	0.00	3,342.97
MW - 1	08/06/13	3391.62	-	48.62	0.00	3,343.00
MW - 1	08/09/13	3391.62	-	48.69	0.00	3,342.93
MW - 1	08/30/13	3391.62	-	48.77	0.00	3,342.85
MW - 1	09/12/13	3391.62	-	48.93	0.00	3,342.69
MW - 1	10/03/13	3391.62	-	48.96	0.00	3,342.66
MW - 1	11/01/13	3391.62	-	48.89	0.00	3,342.73
MW - 1	11/07/13	3391.62	-	48.89	0.00	3,342.73
MW - 1	12/10/13	3391.62	-	49.04	0.00	3,342.58
MW - 1	01/01/14	3391.62	-	48.85	0.00	3,342.77
MW - 1	01/16/14	3391.62	-	48.83	0.00	3,342.79
MW - 1	01/23/14	3391.62	-	48.93	0.00	3,342.69
MW - 1	01/28/14	3391.62	-	48.99	0.00	3,342.63
MW - 1	02/11/14	3391.62	-	48.98	0.00	3,342.64
MW - 1	03/05/14	3391.62	-	48.95	0.00	3,342.67
MW - 1	03/13/14	3391.62	-	48.95	0.00	3,342.67
MW - 1	03/29/14	3391.62	-	48.86	0.00	3,342.76
MW - 1	04/08/14	3391.62	-	48.94	0.00	3,342.68

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	04/17/14	3391.62	-	48.85	0.00	3,342.77
MW - 1	04/25/14	3391.62	-	48.77	0.00	3,342.85
MW - 1	05/01/14	3391.62	-	48.77	0.00	3,342.85
MW - 1	05/08/14	3391.62	-	48.75	0.00	3,342.87
MW - 1	05/14/14	3391.62	-	48.77	0.00	3,342.85
MW - 1	05/23/14	3391.62	-	48.89	0.00	3,342.73
MW - 1	05/27/14	3391.62	-	48.90	0.00	3,342.72
MW - 1	05/29/14	3391.62	-	48.88	0.00	3,342.74
MW - 1	06/11/14	3391.62	-	48.95	0.00	3,342.67
MW - 1	06/05/14	3391.62	-	48.90	0.00	3,342.72
MW - 1	06/18/14	3391.62	-	48.93	0.00	3,342.69
MW - 1	06/26/14	3391.62	-	48.98	0.00	3,342.64
MW - 1	07/01/14	3391.62	-	49.10	0.00	3,342.52
MW - 1	07/10/14	3391.62	-	49.03	0.00	3,342.59
MW - 1	07/17/14	3391.62	-	49.13	0.00	3,342.49
MW - 1	07/23/14	3391.62	-	49.20	0.00	3,342.42
MW - 1	07/31/14	3391.62	-	49.19	0.00	3,342.43
MW - 1	08/06/14	3391.62	-	49.12	0.00	3,342.50
MW - 1	08/12/14	3391.62	-	49.20	0.00	3,342.42
MW - 1	08/21/14	3391.62	-	49.22	0.00	3,342.40
MW - 1	09/04/14	3391.62	-	49.18	0.00	3,342.44
MW - 1	10/02/14	3391.62	-	49.20	0.00	3,342.42
MW - 1	10/08/14	3391.62	-	49.17	0.00	3,342.45
MW - 1	10/14/14	3391.62	-	49.15	0.00	3,342.47
MW - 1	10/23/14	3391.62	-	49.03	0.00	3,342.59
MW - 1	10/28/14	3391.62	-	49.11	0.00	3,342.51
MW - 1	11/07/14	3391.62	-	49.02	0.00	3,342.60
MW - 1	11/14/14	3391.62	-	48.91	0.00	3,342.71
MW - 1	11/15/14	3391.62	-	49.02	0.00	3,342.60
MW - 1	12/04/14	3391.62	-	48.96	0.00	3,342.66
MW - 1	12/11/14	3391.62	-	48.96	0.00	3,342.66
MW - 1	12/18/11	3391.62	-	48.91	0.00	3,342.71
MW - 1	12/23/14	3391.62	-	48.95	0.00	3,342.67
MW - 1	02/16/15	3391.62	-	48.60	0.00	3,343.02
MW - 1	02/17/15	3391.62	-	48.64	0.00	3,342.98
MW - 1	02/24/15	3391.62	-	48.57	0.00	3,343.05
MW - 1	03/10/15	3391.62	-	48.53	0.00	3,343.09
MW - 1	03/17/15	3391.62	-	48.50	0.00	3,343.12
MW - 1	03/18/15	3391.62	-	48.44	0.00	3,343.18
MW - 1	03/25/15	3391.62	-	48.46	0.00	3,343.16
MW - 1	04/07/15	3391.62	-	48.41	0.00	3,343.21
MW - 1	04/08/15	3391.62	-	48.36	0.00	3,343.26
MW - 1	04/21/15	3391.62	-	48.43	0.00	3,343.19
MW - 1	04/28/15	3391.62	-	48.94	0.00	3,342.68

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	05/06/15	3391.62	-	48.30	0.00	3,343.32
MW - 1	05/20/15	3391.62	-	48.30	0.00	3,343.32
MW - 1	05/28/15	3391.62	-	48.20	0.00	3,343.42
MW - 1	06/09/15	3391.62	-	48.22	0.00	3,343.40
MW - 1	06/18/15	3391.62	-	48.13	0.00	3,343.49
MW - 1	06/30/15	3391.62	-	48.31	0.00	3,343.31
MW - 1	07/06/15	3391.62	-	48.32	0.00	3,343.30
MW - 1	07/09/15	3391.62	-	48.24	0.00	3,343.38
MW - 1	07/28/15	3391.62	-	48.27	0.00	3,343.35
MW - 1	08/06/15	3391.62	-	48.97	0.00	3,342.65
MW - 1	08/26/15	3391.62	-	48.39	0.00	3,343.23
MW - 1	09/09/15	3391.62	-	48.55	0.00	3,343.07
MW - 1	09/11/15	3391.62	-	48.55	0.00	3,343.07
MW - 1	09/17/15	3391.62	-	48.52	0.00	3,343.10
MW - 1	09/25/15	3391.62	-	48.52	0.00	3,343.10
MW - 1	09/30/15	3391.62	-	48.61	0.00	3,343.01
MW - 1	10/09/15	3391.62	-	48.58	0.00	3,343.04
MW - 1	10/13/15	3391.62	-	48.65	0.00	3,342.97
MW - 1	10/15/15	3391.62	-	48.65	0.00	3,342.97
MW - 1	10/21/15	3391.62	-	48.65	0.00	3,342.97
MW - 1	10/26/15	3391.62	-	48.65	0.00	3,342.97
MW - 1	11/09/15	3391.62	-	48.66	0.00	3,342.96
MW - 1	11/20/15	3391.62	-	48.49	0.00	3,343.13
MW - 1	11/25/15	3391.62	-	48.52	0.00	3,343.10
MW - 1	12/01/15	3391.62	-	48.54	0.00	3,343.08
MW - 1	12/09/15	3391.62	-	48.54	0.00	3,343.08
MW - 1	12/11/15	3391.62	-	48.34	0.00	3,343.28
MW - 1	12/15/15	3391.62	-	48.33	0.00	3,343.29
MW - 1	01/06/16	3391.62	-	48.32	0.00	3,343.30
MW - 1	01/11/16	3391.62	-	48.27	0.00	3,343.35
MW - 1	01/13/16	3391.62	-	48.06	0.00	3,343.56
MW - 1	01/28/16	3391.62	-	48.17	0.00	3,343.45
MW - 1	02/03/16	3391.62	-	48.12	0.00	3,343.50
MW - 1	02/10/16	3391.62	-	47.94	0.00	3,343.68
MW - 1	02/15/16	3391.62	-	48.01	0.00	3,343.61
MW - 1	02/17/16	3391.62	-	48.00	0.00	3,343.62
MW - 1	02/23/16	3391.62	-	47.94	0.00	3,343.68
MW - 1	03/08/16	3391.62	47.79	47.85	0.06	3,343.82
MW - 1	03/16/16	3391.62	47.82	47.86	0.04	3,343.79
MW - 1	03/18/16	3391.62	47.91	48.03	0.12	3,343.69
MW - 1	03/23/16	3391.62	47.85	47.88	0.03	3,343.77
MW - 1	03/29/16	3391.62	47.77	47.93	0.16	3,343.83
MW - 1	04/04/16	3391.62	47.84	48.06	0.22	3,343.75
MW - 1	04/08/16	3391.62	47.75	47.88	0.13	3,343.85

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	04/12/16	3391.62	47.85	47.96	0.11	3,343.75
MW - 1	04/21/16	3391.62	-	48.01	0.00	3,343.61
MW - 1	05/03/16	3391.62	47.99	48.11	0.12	3,343.61
MW - 1	05/12/16	3391.62	-	47.80	0.00	3,343.82
MW - 1	05/26/16	3391.62	47.66	47.69	0.03	3,343.96
MW - 1	06/09/16	3391.62	47.77	47.81	0.04	3,343.84
MW - 1	07/01/16	3391.62	47.96	48.00	0.04	3,343.65
MW - 1	07/20/16	3391.62	48.07	48.15	0.08	3,343.54
MW - 1	07/28/16	3391.62	47.92	47.98	0.06	3,343.69
MW - 1	08/04/16	3391.62	47.83	47.94	0.11	3,343.77
MW - 1	08/10/16	3391.62	47.83	47.96	0.13	3,343.77
MW - 1	08/16/16	3391.62	47.89	48.01	0.12	3,343.71
MW - 1	08/23/16	3391.62	47.87	48.00	0.13	3,343.73
MW - 1	09/12/16	3391.62	47.88	48.05	0.17	3,343.71
MW - 1	09/23/16	3391.62	47.86	48.03	0.17	3,343.73
MW - 1	09/28/16	3391.62	47.91	48.08	0.17	3,343.68
MW - 1	10/12/16	3391.62	47.82	48.00	0.18	3,343.77
MW - 1	10/17/16	3391.62	47.77	47.95	0.18	3,343.82
MW - 1	11/02/16	3391.62	47.79	48.02	0.23	3,343.80
MW - 1	11/09/16	3391.62	47.80	48.04	0.24	3,343.78
MW - 1	11/29/16	3391.62	47.68	47.99	0.31	3,343.89
MW - 1	12/09/16	3391.62	47.68	48.05	0.37	3,343.88
MW - 1	12/16/16	3391.62	47.53	47.83	0.30	3,344.05
MW - 1	12/21/16	3391.62	47.58	47.92	0.34	3,343.99
MW - 1	01/06/17	3391.62	47.59	47.98	0.39	3,343.97
MW - 1	01/13/17	3391.62	47.48	47.84	0.36	3,344.09
MW - 1	01/20/17	3391.62	47.41	47.77	0.36	3,344.16
MW - 1	01/26/17	3391.62	47.51	47.92	0.41	3,344.05
MW - 1	02/03/17	3391.62	47.52	47.94	0.42	3,344.04
MW - 1	02/07/17	3391.62	47.48	47.82	0.34	3,344.09
MW - 1	02/16/17	3391.62	47.40	47.80	0.40	3,344.16
MW - 1	02/20/17	3391.62	47.45	47.79	0.34	3,344.12
MW - 1	02/27/17	3391.62	47.40	47.60	0.20	3,344.19
MW - 1	03/14/17	3391.62	47.41	47.64	0.23	3,344.18
MW - 1	03/21/17	3391.62	47.42	47.50	0.08	3,344.19
MW - 1	03/30/17	3391.62	47.34	47.40	0.06	3,344.27
MW - 1	04/04/17	3391.62	47.33	47.38	0.05	3,344.28
MW - 1	04/10/17	3391.62	47.39	47.46	0.07	3,344.22
MW - 1	04/21/17	3391.62	47.32	47.35	0.03	3,344.30
MW - 1	04/25/17	3391.62	-	47.37	0.00	3,344.25
MW - 1	05/01/17	3391.62	-	47.45	0.00	3,344.17
MW - 1	05/09/17	3391.62	-	47.40	0.00	3,344.22
MW - 1	05/15/17	3391.62	-	47.34	0.00	3,344.28
MW - 1	05/18/17	3391.62	-	47.30	0.00	3,344.32

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	05/22/17	3391.62	-	47.29	0.00	3,344.33
MW - 1	06/05/17	3391.62	-	47.27	0.00	3,344.35
MW - 1	06/14/17	3391.62	-	47.36	0.00	3,344.26
MW - 1	06/20/17	3391.62	-	47.37	0.00	3,344.25
MW - 1	06/27/17	3391.62	-	47.29	0.00	3,344.33
MW - 1	07/03/17	3391.62	-	47.35	0.00	3,344.27
MW - 1	07/11/17	3391.62	-	47.27	0.00	3,344.35
MW - 1	07/20/17	3391.62	-	47.34	0.00	3,344.28
MW - 1	07/24/17	3391.62	-	47.28	0.00	3,344.34
MW - 1	08/03/17	3391.62	-	47.30	0.00	3,344.32
MW - 1	08/08/17	3391.62	-	47.28	0.00	3,344.34
MW - 1	08/17/17	3391.62	-	47.32	0.00	3,344.30
MW - 1	08/21/17	3391.62	-	47.29	0.00	3,344.33
MW - 1	08/29/17	3391.62	47.20	47.22	0.02	3,344.42
MW - 1	09/05/17	3391.62	-	47.31	0.00	3,344.31
MW - 1	09/12/17	3391.62	-	47.15	0.00	3,344.47
MW - 1	09/18/17	3391.62	-	47.16	0.00	3,344.46
MW - 1	10/06/17	3391.62	-	47.27	0.00	3,344.35
MW - 1	10/13/17	3391.62	-	47.25	0.00	3,344.37
MW - 1	10/18/17	3391.62	-	47.34	0.00	3,344.28
MW - 1	10/20/17	3391.62	-	47.25	0.00	3,344.37
MW - 1	10/26/17	3391.62	-	47.13	0.00	3,344.49
MW - 1	10/31/17	3391.62	-	47.21	0.00	3,344.41
MW - 1	11/07/17	3391.62	-	47.35	0.00	3,344.27
MW - 1	11/17/17	3391.62	-	47.10	0.00	3,344.52
MW - 1	12/01/17	3391.62	-	47.18	0.00	3,344.44
MW - 1	12/07/17	3391.62	-	47.15	0.00	3,344.47
MW - 1	12/12/17	3391.62	-	47.18	0.00	3,344.44
MW - 1	12/18/17	3391.62	-	47.06	0.00	3,344.56
MW - 1	12/27/17	3391.62	-	47.03	0.00	3,344.59
MW - 1	01/05/18	3391.62	-	47.04	0.00	3,344.58
MW - 1	01/10/18	3391.62	-	46.91	0.00	3,344.71
MW - 1	01/19/18	3391.62	-	47.05	0.00	3,344.57
MW - 1	01/23/18	3391.62	-	47.22	0.00	3,344.40
MW - 1	01/31/18	3391.62	-	47.12	0.00	3,344.50
MW - 1	02/09/18	3391.62	-	47.03	0.00	3,344.59
MW - 1	02/16/18	3391.62	-	47.11	0.00	3,344.51
MW - 1	02/22/18	3391.62	-	47.05	0.00	3,344.57
MW - 1	03/01/18	3391.62	-	47.08	0.00	3,344.54
MW - 1	03/05/18	3391.62	-	47.02	0.00	3,344.60
MW - 1	03/15/18	3391.62	-	46.97	0.00	3,344.65
MW - 1	03/23/18	3391.62	-	46.97	0.00	3,344.65
MW - 1	03/30/18	3391.62	-	47.03	0.00	3,344.59
MW - 1	04/04/18	3391.62	-	47.02	0.00	3,344.60

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	04/11/18	3391.62	-	47.00	0.00	3,344.62
MW - 1	04/20/18	3391.62	-	46.98	0.00	3,344.64
MW - 1	04/25/18	3391.62	-	47.01	0.00	3,344.61
MW - 1	05/23/18	3391.62	-	46.99	0.00	3,344.63
MW - 1	05/31/18	3391.62	-	47.00	0.00	3,344.62
MW - 1	06/15/18	3391.62	-	47.03	0.00	3,344.59
MW - 1	06/20/18	3391.62	-	47.05	0.00	3,344.57
MW - 1	06/27/18	3391.62	-	47.10	0.00	3,344.52
MW - 1	07/05/18	3391.62	-	47.10	0.00	3,344.52
MW - 1	07/09/18	3391.62	-	47.21	0.00	3,344.41
MW - 1	07/26/18	3391.62	-	47.15	0.00	3,344.47
MW - 1	07/31/18	3391.62	-	47.13	0.00	3,344.49
MW - 1	08/14/18	3391.62	-	47.12	0.00	3,344.50
MW - 1	08/29/18	3391.62	-	47.20	0.00	3,344.42
MW - 1	09/07/18	3391.62	-	47.20	0.00	3,344.42
MW - 1	09/19/18	3391.62	-	47.18	0.00	3,344.44
MW - 1	09/28/18	3391.62	-	47.20	0.00	3,344.42
MW - 1	10/04/18	3391.62	-	47.29	0.00	3,344.33
MW - 1	10/17/18	3391.62	-	47.35	0.00	3,344.27
MW - 1	11/09/18	3391.62	-	47.32	0.00	3,344.30
MW - 1	11/15/18	3391.62	-	47.18	0.00	3,344.44
MW - 1	11/29/18	3391.62	-	47.10	0.00	3,344.52
MW - 1	12/03/18	3391.62	-	47.20	0.00	3,344.42
MW - 1	12/13/18	3391.62	-	47.18	0.00	3,344.44
MW - 1	12/21/18	3391.62	-	47.07	0.00	3,344.55
MW - 1	12/28/18	3391.62	-	47.08	0.00	3,344.54
MW - 1	01/03/19	3391.62	-	47.11	0.00	3,344.51
MW - 1	01/07/19	3391.62	-	47.10	0.00	3,344.52
MW - 1	01/16/19	3391.62	-	47.09	0.00	3,344.53
MW - 1	01/21/19	3391.62	-	47.00	0.00	3,344.62
MW - 1	01/28/19	3391.62	-	47.23	0.00	3,344.39
MW - 1	02/08/19	3391.62	-	47.19	0.00	3,344.43
MW - 1	02/13/19	3391.62	-	47.09	0.00	3,344.53
MW - 1	02/19/19	3391.62	-	46.91	0.00	3,344.71
MW - 1	03/01/19	3391.62	-	47.04	0.00	3,344.58
MW - 1	03/05/19	3391.62	-	47.06	0.00	3,344.56
MW - 1	03/20/19	3391.62	-	47.03	0.00	3,344.59
MW - 1	03/27/19	3391.62	-	46.92	0.00	3,344.70
MW - 1	04/04/19	3391.62	-	47.00	0.00	3,344.62
MW - 1	04/09/19	3391.62	-	46.93	0.00	3,344.69
MW - 1	04/16/19	3391.62	-	46.91	0.00	3,344.71
MW - 1	04/23/19	3391.62	-	46.93	0.00	3,344.69
MW - 1	05/03/19	3391.62	-	46.93	0.00	3,344.69
MW - 1	05/10/19	3391.62	-	46.97	0.00	3,344.65

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	05/15/19	3391.62	-	46.81	0.00	3,344.81
MW - 1	05/23/19	3391.62	-	46.84	0.00	3,344.78
MW - 1	06/11/19	3391.62	-	46.86	0.00	3,344.76
MW - 1	06/20/19	3391.62	-	46.82	0.00	3,344.80
MW - 1	06/25/19	3391.62	-	46.84	0.00	3,344.78
MW - 1	07/03/19	3391.62	-	46.82	0.00	3,344.80
MW - 1	07/15/19	3391.62	-	46.80	0.00	3,344.82
MW - 1	07/31/19	3391.62	-	46.82	0.00	3,344.80
MW - 1	08/15/19	3391.62	-	46.81	0.00	3,344.81
MW - 1	09/06/19	3391.62	-	46.78	0.00	3,344.84
MW - 1	09/10/19	3391.62	-	46.23	0.00	3,345.39
MW - 1	09/18/19	3391.62	-	46.75	0.00	3,344.87
MW - 1	10/18/19	3391.62	-	46.65	0.00	3,344.97
MW - 1	11/01/19	3391.62	-	46.70	0.00	3,344.92
MW - 1	11/13/19	3391.62	-	46.54	0.00	3,345.08
MW - 1	11/25/19	3391.62	-	46.65	0.00	3,344.97
MW - 1	12/05/19	3391.62	-	46.69	0.00	3,344.93
MW - 1	12/12/19	3391.62	-	46.67	0.00	3,344.95
MW - 1	01/24/20	3391.62	-	46.60	0.00	3,345.02
MW - 1	01/31/20	3391.62	-	46.67	0.00	3,344.95
MW - 1	02/06/20	3391.62	-	46.54	0.00	3,345.08
MW - 1	02/21/20	3391.62	-	46.60	0.00	3,345.02
MW - 1	02/14/20	3391.62	-	46.58	0.00	3,345.04
MW - 1	02/25/20	3391.62	-	46.60	0.00	3,345.02
MW - 1	05/28/20	3391.62	-	46.48	0.00	3,345.14
MW - 1	06/15/20	3391.62	-	46.43	0.00	3,345.19
MW - 1	08/27/20	3391.62	-	46.55	0.00	3,345.07
MW - 1	09/10/20	3391.62	-	46.68	0.00	3,344.94
MW - 1	10/21/20	3391.62	-	46.62	0.00	3,345.00
MW - 1	11/02/20	3391.62	-	46.70	0.00	3,344.92
MW - 1	12/01/20	3391.62	-	46.54	0.00	3,345.08
MW - 2	03/03/99	3390.85	46.33	49.33	3.00	3,344.07
MW - 2	05/12/99	3390.85	46.46	49.02	2.56	3,344.01
MW - 2	18/23/99	3390.85	46.65	49.38	2.73	3,343.79
MW - 2	11/29/99	3390.85	45.98	46.25	0.27	3,344.83
MW - 2	03/09/00	3390.85	46.68	48.40	1.72	3,343.91
MW - 2	05/11/00	3390.85	46.43	47.96	1.53	3,344.19
MW - 2	09/12/00	3390.85	46.31	47.77	1.46	3,344.32
MW - 2	12/14/00	3390.85	46.21	46.76	0.55	3,344.56
MW - 2	03/21/01	3390.85	46.68	48.40	1.72	3,343.91
MW - 2	05/30/01	3390.85	46.56	48.17	1.61	3,344.05
MW - 2	09/25/01	3390.85	46.74	48.59	1.85	3,343.83
MW - 2	11/17/01	3390.85	46.20	46.76	0.56	3,344.57

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	02/20/02	3390.85	46.31	47.42	1.11	3,344.37
MW - 2	05/20/02	3390.85	46.69	48.48	1.79	3,343.89
MW - 2	09/24/02	3390.85	47.33	49.90	2.57	3,343.13
MW - 2	10/29/02	3390.85	42.62	50.12	7.50	3,347.11
MW - 2	11/06/02	3390.85	48.32	49.97	1.65	3,342.28
MW - 2	11/13/02	3390.85	47.78	50.16	2.38	3,342.71
MW - 2	01/07/03	3390.85	47.67	50.20	2.53	3,342.80
MW - 2	01/13/03	3390.85	47.67	49.96	2.29	3,342.84
MW - 2	01/27/03	3390.85	48.23	48.26	0.03	3,342.62
MW - 2	02/06/03	3390.85	48.22	48.70	0.48	3,342.56
MW - 2	02/19/03	3390.85	48.25	49.92	1.67	3,342.35
MW - 2	03/05/03	3390.85	48.21	50.01	1.80	3,342.37
MW - 2	03/11/03	3390.85	47.81	48.42	0.61	3,342.95
MW - 2	03/19/03	3390.85	47.96	48.40	0.44	3,342.82
MW - 2	03/25/03	3390.85	47.53	48.31	0.78	3,343.20
MW - 2	04/02/03	3390.85	47.72	48.15	0.43	3,343.07
MW - 2	04/16/03	3390.85	47.66	48.76	1.10	3,343.03
MW - 2	04/23/03	3390.85	47.59	48.52	0.93	3,343.12
MW - 2	04/29/03	3390.85	47.60	48.63	1.03	3,343.10
MW - 2	05/08/03	3390.85	47.64	49.02	1.38	3,343.00
MW - 2	05/15/03	3390.85	47.80	49.54	1.74	3,342.79
MW - 2	05/20/03	3390.85	48.01	49.76	1.75	3,342.58
MW - 2	05/27/03	3390.85	48.44	49.51	1.07	3,342.25
MW - 2	06/03/03	3390.85	48.00	49.76	1.76	3,342.59
MW - 2	06/10/03	3390.85	48.13	50.10	1.97	3,342.42
MW - 2	06/25/03	3390.85	48.24	49.44	1.20	3,342.43
MW - 2	07/02/03	3390.85	48.27	50.41	2.14	3,342.26
MW - 2	07/07/03	3390.85	48.23	50.43	2.20	3,342.29
MW - 2	07/22/03	3390.85	sheen	48.19	0.00	3,342.66
MW - 2	07/30/03	3390.85	47.72	49.15	1.43	3,342.92
MW - 2	08/06/03	3390.85	47.69	48.32	0.63	3,343.07
MW - 2	08/13/03	3390.85	47.99	49.10	1.11	3,342.69
MW - 2	08/19/03	3390.85	47.86	49.50	1.64	3,342.74
MW - 2	08/20/03	3390.85	48.17	49.94	1.77	3,342.41
MW - 2	08/25/03	3390.85	48.27	50.28	2.01	3,342.28
MW - 2	09/08/03	3390.85	48.50	49.16	0.66	3,342.25
MW - 2	09/15/03	3390.85	48.55	48.91	0.36	3,342.25
MW - 2	09/24/03	3390.85	48.61	49.11	0.50	3,342.17
MW - 2	09/30/03	3390.85	48.65	49.60	0.95	3,342.06
MW - 2	10/07/03	3390.85	48.56	50.22	1.66	3,342.04
MW - 2	10/22/03	3390.85	48.50	50.28	1.78	3,342.08
MW - 2	10/27/03	3390.85	48.45	50.18	1.73	3,342.14
MW - 2	11/07/03	3390.85	48.56	50.28	1.72	3,342.03
MW - 2	11/10/03	3390.85	48.50	50.11	1.61	3,342.11

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	11/17/03	3390.85	47.98	49.27	1.29	3,342.68
MW - 2	12/08/03	3390.85	47.27	47.32	0.05	3,343.57
MW - 2	12/17/03	3390.85	47.95	49.29	1.34	3,342.70
MW - 2	12/22/03	3390.85	48.49	50.18	1.69	3,342.11
MW - 2	01/02/04	3390.85	46.81	46.83	0.02	3,344.04
MW - 2	01/06/04	3390.85	48.50	50.06	1.56	3,342.12
MW - 2	01/19/04	3390.85	47.28	47.30	0.02	3,343.57
MW - 2	01/26/04	3390.85	47.36	47.39	0.03	3,343.49
MW - 2	02/02/04	3390.85	47.38	47.41	0.03	3,343.47
MW - 2	02/09/04	3390.85	47.00	47.21	0.21	3,343.82
MW - 2	02/19/04	3390.85	47.04	47.05	0.01	3,343.81
MW - 2	02/23/04	3390.85	47.02	47.20	0.18	3,343.80
MW - 2	03/01/04	3390.85	46.99	47.18	0.19	3,343.83
MW - 2	03/10/04	3390.85	47.07	47.19	0.12	3,343.76
MW - 2	03/15/04	3390.85	sheen	47.55	0.00	3,343.30
MW - 2	03/23/04	3390.85	48.05	48.06	0.01	3,342.80
MW - 2	03/30/04	3390.85	48.17	48.26	0.09	3,342.67
MW - 2	04/12/04	3390.85	48.10	48.13	0.03	3,342.75
MW - 2	04/20/04	3390.85	sheen	47.58	0.00	3,343.27
MW - 2	05/03/04	3390.85	sheen	48.11	0.00	3,342.74
MW - 2	05/04/04	3390.85	sheen	48.11	0.00	3,342.74
MW - 2	06/09/04	3390.85	48.07	48.59	0.52	3,342.70
MW - 2	06/16/04	3390.85	48.08	48.54	0.46	3,342.70
MW - 2	06/23/04	3390.85	48.13	48.55	0.42	3,342.66
MW - 2	06/30/04	3390.85	48.10	48.51	0.41	3,342.69
MW - 2	07/13/04	3390.85	48.28	49.06	0.78	3,342.45
MW - 2	07/22/04	3390.85	48.44	49.36	0.92	3,342.27
MW - 2	08/23/04	3390.85	48.38	49.70	1.32	3,342.27
MW - 2	09/13/04	3390.85	48.36	49.97	1.61	3,342.25
MW - 2	09/22/04	3390.85	48.41	50.35	1.94	3,342.15
MW - 2	09/29/04	3390.85	48.30	49.80	1.50	3,342.33
MW - 2	10/04/04	3390.85	47.84	48.76	0.92	3,342.87
MW - 2	10/11/04	3390.85	47.74	48.45	0.71	3,343.00
MW - 2	10/19/04	3390.85	47.73	48.63	0.90	3,342.99
MW - 2	10/25/04	3390.85	47.79	48.59	0.80	3,342.94
MW - 2	11/01/04	3390.85	47.98	49.10	1.12	3,342.70
MW - 2	11/09/04	3390.85	48.01	48.96	0.95	3,342.70
MW - 2	11/17/04	3390.85	47.90	49.10	1.20	3,342.77
MW - 2	11/22/04	3390.85	48.03	48.87	0.84	3,342.69
MW - 2	11/29/04	3390.85	46.53	47.00	0.47	3,344.25
MW - 2	12/04/04	3390.85	47.22	47.40	0.18	3,343.60
MW - 2	12/13/04	3390.85	46.99	47.07	0.08	3,343.85
MW - 2	12/20/04	3390.85	47.03	47.12	0.09	3,343.81
MW - 2	12/30/04	3390.85	46.65	46.67	0.02	3,344.20

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	01/03/05	3390.85	sheen	46.59	0.00	3,344.26
MW - 2	01/10/05	3390.85	47.10	47.18	0.08	3,343.74
MW - 2	01/17/05	3390.85	sheen	46.76	0.00	3,344.09
MW - 2	01/24/05	3390.85	sheen	46.82	0.00	3,344.03
MW - 2	01/31/05	3390.85	sheen	46.89	0.00	3,343.96
MW - 2	02/07/05	3390.85	sheen	46.81	0.00	3,344.04
MW - 2	02/14/05	3390.85	sheen	46.93	0.00	3,343.92
MW - 2	02/21/05	3390.85	sheen	46.87	0.00	3,343.98
MW - 2	02/28/05	3390.85	sheen	46.90	0.00	3,343.95
MW - 2	03/07/05	3390.85	-	46.75	0.00	3,344.10
MW - 2	03/07/05	3390.85	sheen	46.75	0.00	3,344.10
MW - 2	03/16/05	3390.85	sheen	46.58	0.00	3,344.27
MW - 2	03/21/05	3390.85	sheen	46.52	0.00	3,344.33
MW - 2	03/28/05	3390.85	sheen	46.67	0.00	3,344.18
MW - 2	04/04/05	3390.85	sheen	46.66	0.00	3,344.19
MW - 2	04/13/05	3390.85	sheen	46.67	0.00	3,344.18
MW - 2	04/18/05	3390.85	sheen	46.64	0.00	3,344.21
MW - 2	05/23/05	3390.85	sheen	46.89	0.00	3,343.96
MW - 2	06/07/05	3390.85	-	46.67	0.00	3,344.18
MW - 2	06/21/05	3390.85	sheen	46.83	0.00	3,344.02
MW - 2	07/26/05	3390.85	sheen	46.69	0.00	3,344.16
MW - 2	08/25/05	3390.85	sheen	46.71	0.00	3,344.14
MW - 2	09/07/05	3390.85	-	46.68	0.00	3,344.17
MW - 2	09/26/05	3390.85	sheen	46.78	0.00	3,344.07
MW - 2	11/14/05	3390.85	sheen	46.51	0.00	3,344.34
MW - 2	12/14/05	3390.85	-	46.09	0.00	3,344.76
MW - 2	12/28/05	3390.85	sheen	45.81	0.00	3,345.04
MW - 2	01/18/06	3390.85	sheen	45.89	0.00	3,344.96
MW - 2	02/15/06	3390.85	sheen	45.71	0.00	3,345.14
MW - 2	03/06/06	3390.85	sheen	45.83	0.00	3,345.02
MW - 2	03/20/06	3390.85	sheen	45.90	0.00	3,344.95
MW - 2	04/13/06	3390.85	sheen	45.72	0.00	3,345.13
MW - 2	04/19/06	3390.85	sheen	45.81	0.00	3,345.04
MW - 2	05/25/06	3390.85	sheen	45.55	0.00	3,345.30
MW - 2	06/05/06	3390.85	sheen	45.52	0.00	3,345.33
MW - 2	09/11/06	3390.85	sheen	46.08	0.00	3,344.77
MW - 2	10/31/06	3390.85	sheen	46.30	0.00	3,344.55
MW - 2	11/16/06	3390.85	sheen	46.13	0.00	3,344.72
MW - 2	11/21/06	3390.85	sheen	46.97	0.00	3,343.88
MW - 2	01/26/07	3390.85	sheen	46.02	0.00	3,344.83
MW - 2	01/31/07	3390.85	sheen	45.91	0.00	3,344.94
MW - 2	02/15/07	3390.85	-	45.96	0.00	3,344.89
MW - 2	02/20/07	3390.85	sheen	45.94	0.00	3,344.91
MW - 2	05/15/07	3390.85	sheen	46.04	0.00	3,344.81

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	08/09/07	3390.85	sheen	45.82	0.00	3,345.03
MW - 2	10/01/07	3390.85	sheen	46.11	0.00	3,344.74
MW - 2	10/12/07	3390.85	sheen	46.11	0.00	3,344.74
MW - 2	11/13/07	3390.85	sheen	46.14	0.00	3,344.71
MW - 2	02/14/08	3390.85	-	46.40	0.00	3,344.45
MW - 2	04/18/08	3390.85	-	45.42	0.00	3,345.43
MW - 2	05/16/08	3390.85	-	45.67	0.00	3,345.18
MW - 2	07/15/08	3390.85	-	46.10	0.00	3,344.75
MW - 2	07/16/08	3390.85	-	46.18	0.00	3,344.67
MW - 2	08/12/08	3390.85	-	46.23	0.00	3,344.62
MW - 2	08/19/08	3390.85	-	46.21	0.00	3,344.64
MW - 2	10/09/08	3390.85	-	46.41	0.00	3,344.44
MW - 2	11/19/08	3390.85	-	46.29	0.00	3,344.56
MW - 2	12/17/08	3390.85	-	46.45	0.00	3,344.40
MW - 2	02/18/09	3390.85	-	45.66	0.00	3,345.19
MW - 2	03/03/09	3390.85	-	45.65	0.00	3,345.20
MW - 2	03/10/09	3390.85	-	45.83	0.00	3,345.02
MW - 2	03/18/09	3390.85	-	45.91	0.00	3,344.94
MW - 2	03/27/09	3390.85	-	45.92	0.00	3,344.93
MW - 2	04/07/09	3390.85	-	46.09	0.00	3,344.76
MW - 2	04/14/09	3390.85	-	46.12	0.00	3,344.73
MW - 2	04/28/09	3390.85	-	46.22	0.00	3,344.63
MW - 2	05/19/09	3390.85	-	46.32	0.00	3,344.53
MW - 2	05/27/09	3390.85	-	46.42	0.00	3,344.43
MW - 2	06/04/09	3390.85	-	46.41	0.00	3,344.44
MW - 2	06/12/09	3390.85	-	46.46	0.00	3,344.39
MW - 2	06/18/09	3390.85	-	46.52	0.00	3,344.33
MW - 2	06/30/09	3390.85	-	45.63	0.00	3,345.22
MW - 2	07/07/09	3390.85	-	46.52	0.00	3,344.33
MW - 2	07/14/09	3390.85	-	46.53	0.00	3,344.32
MW - 2	07/21/09	3390.85	-	46.58	0.00	3,344.27
MW - 2	07/28/09	3390.85	-	46.51	0.00	3,344.34
MW - 2	08/07/09	3390.85	-	46.53	0.00	3,344.32
MW - 2	08/13/09	3390.85	-	46.50	0.00	3,344.35
MW - 2	08/21/09	3390.85	-	46.53	0.00	3,344.32
MW - 2	08/27/09	3390.85	-	46.56	0.00	3,344.29
MW - 2	09/10/09	3390.85	-	46.56	0.00	3,344.29
MW - 2	09/18/09	3390.85	-	46.54	0.00	3,344.31
MW - 2	09/29/09	3390.85	-	46.53	0.00	3,344.32
MW - 2	10/06/09	3390.85	-	46.54	0.00	3,344.31
MW - 2	10/20/09	3390.85	-	46.55	0.00	3,344.30
MW - 2	10/27/09	3390.85	-	46.56	0.00	3,344.29
MW - 2	11/11/09	3390.85	-	46.61	0.00	3,344.24
MW - 2	11/13/09	3390.85	-	46.50	0.00	3,344.35

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	12/08/09	3390.85		46.53	0.00	3,344.32
MW - 2	12/22/09	3390.85	-	46.55	0.00	3,344.30
MW - 2	01/12/10	3390.85	-	46.60	0.00	3,344.25
MW - 2	01/22/10	3390.85	-	46.58	0.00	3,344.27
MW - 2	02/04/10	3390.85		46.68	0.00	3,344.17
MW - 2	03/03/10	3390.85	-	46.89	0.00	3,343.96
MW - 2	03/16/10	3390.85	-	46.90	0.00	3,343.95
MW - 2	04/15/10	3390.85	-	46.91	0.00	3,343.94
MW - 2	05/07/10	3390.85	-	46.87	0.00	3,343.98
MW - 2	05/28/10	3390.85	-	46.96	0.00	3,343.89
MW - 2	06/08/10	3390.85	-	46.90	0.00	3,343.95
MW - 2	06/25/10	3390.85	-	46.88	0.00	3,343.97
MW - 2	07/08/10	3390.85	-	46.86	0.00	3,343.99
MW - 2	07/28/10	3390.85	-	46.90	0.00	3,343.95
MW - 2	08/06/10	3390.85	-	46.88	0.00	3,343.97
MW - 2	08/31/10	3390.85	-	46.99	0.00	3,343.86
MW - 2	09/10/10	3390.85	-	46.99	0.00	3,343.86
MW - 2	09/24/10	3390.85	-	46.95	0.00	3,343.90
MW - 2	10/06/10	3390.85	-	46.96	0.00	3,343.89
MW - 2	10/26/10	3390.85	-	46.58	0.00	3,344.27
MW - 2	11/05/10	3390.85	-	46.90	0.00	3,343.95
MW - 2	12/17/10	3390.85	-	46.57	0.00	3,344.28
MW - 2	01/13/11	3390.85	sheen	46.97	0.00	3,343.88
MW - 2	02/11/11	3390.85	-	46.91	0.00	3,343.94
MW - 2	05/09/11	3390.85	-	46.90	0.00	3,343.95
MW - 2	05/20/11	3390.85	-	47.34	0.00	3,343.51
MW - 2	06/29/11	3390.85	-	47.39	0.00	3,343.46
MW - 2	07/05/11	3390.85	-	47.59	0.00	3,343.26
MW - 2	07/25/11	3390.85	-	47.61	0.00	3,343.24
MW - 2	08/05/11	3390.85	-	46.91	0.00	3,343.94
MW - 2	08/11/11	3390.85	-	47.65	0.00	3,343.20
MW - 2	08/24/11	3390.85	-	47.76	0.00	3,343.09
MW - 2	09/09/11	3390.85	-	47.84	0.00	3,343.01
MW - 2	09/23/11	3390.85	-	47.91	0.00	3,342.94
MW - 2	10/26/11	3390.85	-	47.88	0.00	3,342.97
MW - 2	11/17/11	3390.85	-	47.87	0.00	3,342.98
MW - 2	01/30/12	3390.85	-	47.89	0.00	3,342.96
MW - 2	02/28/12	3390.85	-	47.69	0.00	3,343.16
MW - 2	03/15/12	3390.85	-	47.59	0.00	3,343.26
MW - 2	03/28/12	3390.85	-	47.50	0.00	3,343.35
MW - 2	04/05/12	3390.85	-	47.53	0.00	3,343.32
MW - 2	04/23/12	3390.85	-	45.52	0.00	3,345.33
MW - 2	05/03/12	3390.85	-	47.65	0.00	3,343.20
MW - 2	06/28/12	3390.85	-	47.89	0.00	3,342.96

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	08/24/12	3390.85	48.08	48.25	0.17	3,342.74
MW - 2	10/12/12	3390.85	47.87	48.49	0.62	3,342.89
MW - 2	10/24/12	3390.85	47.77	48.21	0.44	3,343.01
MW - 2	11/15/12	3390.85	47.79	48.31	0.52	3,342.98
MW - 2	12/20/12	3390.85	47.75	48.41	0.66	3,343.00
MW - 2	01/14/13	3390.85	47.63	48.11	0.48	3,343.15
MW - 2	02/14/13	3390.85	47.61	48.11	0.50	3,343.17
MW - 2	03/29/13	3390.85	47.56	47.88	0.32	3,343.24
MW - 2	04/19/13	3390.85	47.55	47.94	0.39	3,343.24
MW - 2	04/30/13	3390.85	47.51	47.82	0.31	3,343.29
MW - 2	05/23/13	3390.85	47.55	48.11	0.56	3,343.22
MW - 2	05/28/13	3390.85	47.56	48.04	0.48	3,343.22
MW - 2	05/30/13	3390.85	47.56	48.06	0.50	3,343.22
MW - 2	06/06/13	3390.85	47.62	48.41	0.79	3,343.11
MW - 2	06/13/13	3390.85	47.63	48.47	0.84	3,343.09
MW - 2	06/19/13	3390.85	47.63	48.39	0.76	3,343.11
MW - 2	07/30/13	3390.85	47.80	49.08	1.28	3,342.86
MW - 2	08/06/13	3390.85	47.82	49.03	1.21	3,342.85
MW - 2	08/09/13	3390.85	47.86	49.17	1.31	3,342.79
MW - 2	08/30/13	3390.85	47.91	49.19	1.28	3,342.75
MW - 2	09/12/13	3390.85	47.97	49.17	1.20	3,342.70
MW - 2	10/03/13	3390.85	48.00	49.16	1.16	3,342.68
MW - 2	11/01/13	3390.85	48.09	49.37	1.28	3,342.57
MW - 2	11/07/13	3390.85	48.14	49.27	1.13	3,342.54
MW - 2	12/10/13	3390.85	48.04	49.23	1.19	3,342.63
MW - 2	01/01/14	3390.85	47.95	49.05	1.10	3,342.74
MW - 2	01/16/14	3390.85	48.28	49.02	0.74	3,342.46
MW - 2	01/23/14	3390.85	48.10	49.50	1.40	3,342.54
MW - 2	01/28/14	3390.85	48.15	49.32	1.17	3,342.52
MW - 2	02/11/14	3390.85	48.10	49.25	1.15	3,342.58
MW - 2	03/05/14	3390.85	48.08	49.42	1.34	3,342.57
MW - 2	03/13/14	3390.85	48.06	49.35	1.29	3,342.60
MW - 2	03/29/14	3390.85	48.01	49.30	1.29	3,342.65
MW - 2	04/08/14	3390.85	48.08	49.40	1.32	3,342.57
MW - 2	04/17/14	3390.85	48.08	49.37	1.29	3,342.58
MW - 2	04/25/14	3390.85	48.00	49.12	1.12	3,342.68
MW - 2	05/01/14	3390.85	48.02	49.10	1.08	3,342.67
MW - 2	05/08/14	3390.85	48.00	48.99	0.99	3,342.70
MW - 2	05/14/14	3390.85	48.00	48.95	0.95	3,342.71
MW - 2	05/23/14	3390.85	48.06	49.23	1.17	3,342.61
MW - 2	05/27/14	3390.85	48.06	49.09	1.03	3,342.64
MW - 2	05/29/14	3390.85	48.15	49.02	0.87	3,342.57
MW - 2	06/11/14	3390.85	48.12	49.28	1.16	3,342.56
MW - 2	06/05/14	3390.85	48.09	49.25	1.16	3,342.59

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	06/18/14	3390.85	48.14	49.35	1.21	3,342.53
MW - 2	06/26/14	3390.85	48.14	49.48	1.34	3,342.51
MW - 2	07/01/14	3390.85	48.25	49.43	1.18	3,342.42
MW - 2	07/10/14	3390.85	48.24	49.73	1.49	3,342.39
MW - 2	07/17/14	3390.85	48.24	49.85	1.61	3,342.37
MW - 2	07/23/14	3390.85	48.38	49.55	1.17	3,342.29
MW - 2	07/31/14	3390.85	48.40	49.36	0.96	3,342.31
MW - 2	08/06/14	3390.85	48.45	49.03	0.58	3,342.31
MW - 2	08/12/14	3390.85	48.50	49.13	0.63	3,342.26
MW - 2	08/21/14	3390.85	49.05	49.68	0.63	3,341.71
MW - 2	09/04/14	3390.85	48.57	49.43	0.86	3,342.15
MW - 2	10/02/14	3390.85	48.29	49.70	1.41	3,342.35
MW - 2	10/08/14	3390.85	48.29	49.31	1.02	3,342.41
MW - 2	10/14/14	3390.85	48.29	49.34	1.05	3,342.40
MW - 2	10/17/14	3390.85	48.34	49.19	0.85	3,342.38
MW - 2	10/23/14	3390.85	48.25	49.32	1.07	3,342.44
MW - 2	10/24/14	3390.85	48.25	49.32	1.07	3,342.44
MW - 2	10/28/14	3390.85	48.27	49.17	0.90	3,342.45
MW - 2	11/07/14	3390.85	48.15	49.27	1.12	3,342.53
MW - 2	11/14/14	3390.85	48.17	49.24	1.07	3,342.52
MW - 2	11/15/14	3390.85	48.13	49.14	1.01	3,342.57
MW - 2	12/04/14	3390.85	48.14	49.21	1.07	3,342.55
MW - 2	12/11/14	3390.85	48.12	49.19	1.07	3,342.57
MW - 2	12/18/14	3390.85	48.00	49.02	1.02	3,342.70
MW - 2	12/23/14	3390.85	48.11	49.17	1.06	3,342.58
MW - 2	01/07/15	3390.85	48.05	49.00	0.95	3,342.66
MW - 2	01/15/15	3390.85	47.96	49.08	1.12	3,342.72
MW - 2	01/28/15	3390.85	47.57	48.86	1.29	3,343.09
MW - 2	02/04/15	3390.85	47.83	48.48	0.65	3,342.92
MW - 2	02/13/15	3390.85	47.85	48.52	0.67	3,342.90
MW - 2	02/16/15	3390.85	47.83	48.43	0.60	3,342.93
MW - 2	02/17/15	3390.85	47.87	48.53	0.66	3,342.88
MW - 2	02/24/15	3390.85	47.82	48.36	0.54	3,342.95
MW - 2	03/10/15	3390.85	47.78	48.24	0.46	3,343.00
MW - 2	03/17/15	3390.85	47.76	48.22	0.46	3,343.02
MW - 2	03/18/15	3390.85	47.72	48.13	0.41	3,343.07
MW - 2	03/25/15	3390.85	47.71	48.07	0.36	3,343.09
MW - 2	04/07/15	3390.85	47.70	48.00	0.30	3,343.11
MW - 2	04/08/15	3390.85	47.62	47.85	0.23	3,343.20
MW - 2	04/21/15	3390.85	47.67	47.71	0.04	3,343.17
MW - 2	04/28/15	3390.85	48.14	49.14	1.00	3,342.56
MW - 2	05/06/15	3390.85	47.59	47.76	0.17	3,343.23
MW - 2	05/20/15	3390.85	-	47.54	0.00	3,343.31
MW - 2	05/28/15	3390.85	-	47.42	0.00	3,343.43

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	06/02/15	3390.85	-	47.46	0.00	3,343.39
MW - 2	06/09/15	3390.85	-	47.44	0.00	3,343.41
MW - 2	06/18/15	3390.85	-	47.52	0.00	3,343.33
MW - 2	06/30/15	3390.85	-	47.54	0.00	3,343.31
MW - 2	07/06/15	3390.85	-	47.54	0.00	3,343.31
MW - 2	07/09/15	3390.85	-	47.51	0.00	3,343.34
MW - 2	07/21/15	3390.85	-	47.50	0.00	3,343.35
MW - 2	07/28/15	3390.85	-	47.50	0.00	3,343.35
MW - 2	08/06/15	3390.85	48.17	49.14	0.97	3,342.53
MW - 2	08/11/15	3390.85	-	47.55	0.00	3,343.30
MW - 2	08/18/15	3390.85	-	47.54	0.00	3,343.31
MW - 2	08/26/15	3390.85	-	47.70	0.00	3,343.15
MW - 2	09/11/15	3390.85	-	47.71	0.00	3,343.14
MW - 2	09/17/15	3390.85	-	47.73	0.00	3,343.12
MW - 2	09/25/15	3390.85	47.86	47.87	0.01	3,342.99
MW - 2	09/30/15	3390.85	47.81	47.82	0.01	3,343.04
MW - 2	10/06/15	3390.85	47.80	47.81	0.01	3,343.05
MW - 2	10/09/15	3390.85	47.90	47.91	0.01	3,342.95
MW - 2	10/13/15	3390.85	47.89	47.90	0.01	3,342.96
MW - 2	10/15/15	3390.85	47.88	47.89	0.01	3,342.97
MW - 2	10/21/15	3390.85	48.78	48.89	0.11	3,342.05
MW - 2	10/26/15	3390.85	48.78	48.88	0.10	3,342.06
MW - 2	11/09/15	3390.85	47.88	47.92	0.04	3,342.96
MW - 2	11/20/15	3390.85	47.76	47.81	0.05	3,343.08
MW - 2	11/25/15	3390.85	47.94	47.95	0.01	3,342.91
MW - 2	12/01/15	3390.85	-	47.86	0.00	3,342.99
MW - 2	12/09/15	3390.85	-	47.87	0.00	3,342.98
MW - 2	12/11/15	3390.85	-	47.63	0.00	3,343.22
MW - 2	12/15/15	3390.85	-	48.11	0.00	3,342.74
MW - 2	01/06/16	3390.85	-	47.56	0.00	3,343.29
MW - 2	01/11/16	3390.85	-	47.48	0.00	3,343.37
MW - 2	01/13/16	3390.85	-	47.33	0.00	3,343.52
MW - 2	01/28/16	3390.85	-	47.50	0.00	3,343.35
MW - 2	02/03/16	3390.85	-	47.39	0.00	3,343.46
MW - 2	02/10/16	3390.85	-	47.37	0.00	3,343.48
MW - 2	02/15/16	3390.85	-	47.24	0.00	3,343.61
MW - 2	02/17/16	3390.85	-	47.29	0.00	3,343.56
MW - 2	02/23/16	3390.85	-	47.27	0.00	3,343.58
MW - 2	03/08/16	3390.85	-	47.22	0.00	3,343.63
MW - 2	03/16/16	3390.85	-	47.18	0.00	3,343.67
MW - 2	03/18/16	3390.85	-	47.30	0.00	3,343.55
MW - 2	03/23/16	3390.85	-	47.13	0.00	3,343.72
MW - 2	03/29/16	3390.85	-	47.09	0.00	3,343.76
MW - 2	04/04/16	3390.85	-	47.23	0.00	3,343.62

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	04/08/16	3390.85	-	47.15	0.00	3,343.70
MW - 2	04/12/16	3390.85	-	47.30	0.00	3,343.55
MW - 2	05/03/16	3390.85	-	47.42	0.00	3,343.43
MW - 2	05/12/16	3390.85	-	47.15	0.00	3,343.70
MW - 2	05/26/16	3390.85	-	47.10	0.00	3,343.75
MW - 2	06/09/16	3390.85	-	47.16	0.00	3,343.69
MW - 2	07/01/16	3390.85	-	47.20	0.00	3,343.65
MW - 2	07/20/16	3390.85	-	47.39	0.00	3,343.46
MW - 2	07/28/16	3390.85	-	47.26	0.00	3,343.59
MW - 2	08/04/16	3390.85	-	47.24	0.00	3,343.61
MW - 2	08/10/16	3390.85	-	47.33	0.00	3,343.52
MW - 2	08/16/16	3390.85	-	47.34	0.00	3,343.51
MW - 2	08/23/16	3390.85	-	47.32	0.00	3,343.53
MW - 2	09/12/16	3390.85	-	47.30	0.00	3,343.55
MW - 2	09/23/16	3390.85	-	47.29	0.00	3,343.56
MW - 2	09/28/16	3390.85	-	47.31	0.00	3,343.54
MW - 2	10/12/16	3390.85	-	47.23	0.00	3,343.62
MW - 2	10/17/16	3390.85	-	47.17	0.00	3,343.68
MW - 2	11/02/16	3390.85	-	47.21	0.00	3,343.64
MW - 2	11/09/16	3390.85	-	47.22	0.00	3,343.63
MW - 2	11/29/16	3390.85	-	47.06	0.00	3,343.79
MW - 2	12/16/16	3390.85	-	46.94	0.00	3,343.91
MW - 2	12/21/16	3390.85	-	47.03	0.00	3,343.82
MW - 2	01/13/17	3390.85	-	46.89	0.00	3,343.96
MW - 2	01/20/17	3390.85	-	46.83	0.00	3,344.02
MW - 2	01/26/17	3390.85	-	46.93	0.00	3,343.92
MW - 2	02/07/17	3390.85	-	46.88	0.00	3,343.97
MW - 2	02/20/17	3390.85	-	46.83	0.00	3,344.02
MW - 2	02/27/17	3390.85	-	46.81	0.00	3,344.04
MW - 2	03/30/17	3390.85	-	46.70	0.00	3,344.15
MW - 2	04/04/17	3390.85	-	46.70	0.00	3,344.15
MW - 2	04/21/17	3390.85	-	46.68	0.00	3,344.17
MW - 2	05/18/17	3390.85	-	46.65	0.00	3,344.20
MW - 2	07/20/17	3390.85	-	47.63	0.00	3,343.22
MW - 2	08/29/17	3390.85	-	46.54	0.00	3,344.31
MW - 2	10/13/17	3390.85	-	46.44	0.00	3,344.41
MW - 2	10/20/17	3390.85	-	46.44	0.00	3,344.41
MW - 2	11/07/17	3390.85	-	46.48	0.00	3,344.37
MW - 2	01/31/18	3390.85	-	46.29	0.00	3,344.56
MW - 2	02/22/18	3390.85	-	46.37	0.00	3,344.48
MW - 2	03/15/18	3390.85	-	46.42	0.00	3,344.43
MW - 2	04/20/18	3390.85	-	46.39	0.00	3,344.46
MW - 2	05/23/18	3390.85	-	46.42	0.00	3,344.43
MW - 2	06/27/18	3390.85	-	46.45	0.00	3,344.40

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	07/31/18	3390.85	-	46.65	0.00	3,344.20
MW - 2	08/14/18	3390.85	-	46.49	0.00	3,344.36
MW - 2	08/29/18	3390.85	-	46.58	0.00	3,344.27
MW - 2	09/07/18	3390.85	-	46.57	0.00	3,344.28
MW - 2	09/28/18	3390.85	-	46.57	0.00	3,344.28
MW - 2	10/04/18	3390.85	-	46.61	0.00	3,344.24
MW - 2	10/17/18	3390.85	-	46.68	0.00	3,344.17
MW - 2	11/09/18	3390.85	-	46.71	0.00	3,344.14
MW - 2	11/15/18	3390.85	-	46.60	0.00	3,344.25
MW - 2	11/29/18	3390.85	-	46.42	0.00	3,344.43
MW - 2	12/03/18	3390.85	-	46.49	0.00	3,344.36
MW - 2	12/13/18	3390.85	-	46.50	0.00	3,344.35
MW - 2	12/21/18	3390.85	-	46.45	0.00	3,344.40
MW - 2	12/28/18	3390.85	-	46.52	0.00	3,344.33
MW - 2	01/03/19	3390.85	-	46.47	0.00	3,344.38
MW - 2	01/07/19	3390.85	-	46.43	0.00	3,344.42
MW - 2	01/16/19	3390.85	-	46.49	0.00	3,344.36
MW - 2	01/21/19	3390.85	-	46.36	0.00	3,344.49
MW - 2	01/28/19	3390.85	-	46.42	0.00	3,344.43
MW - 2	02/08/19	3390.85	-	46.46	0.00	3,344.39
MW - 2	02/13/19	3390.85	-	46.32	0.00	3,344.53
MW - 2	02/19/19	3390.85	-	46.28	0.00	3,344.57
MW - 2	03/01/19	3390.85	-	46.40	0.00	3,344.45
MW - 2	03/05/19	3390.85	-	46.44	0.00	3,344.41
MW - 2	03/20/19	3390.85	-	46.49	0.00	3,344.36
MW - 2	03/27/19	3390.85	-	46.33	0.00	3,344.52
MW - 2	04/04/19	3390.85	-	46.42	0.00	3,344.43
MW - 2	04/09/19	3390.85	-	46.29	0.00	3,344.56
MW - 2	04/16/19	3390.85	-	46.35	0.00	3,344.50
MW - 2	04/23/19	3390.85	-	46.38	0.00	3,344.47
MW - 2	05/03/19	3390.85	-	46.42	0.00	3,344.43
MW - 2	05/10/19	3390.85	-	46.35	0.00	3,344.50
MW - 2	05/23/19	3390.85	-	46.20	0.00	3,344.65
MW - 2	06/11/19	3390.85	-	46.21	0.00	3,344.64
MW - 2	06/20/19	3390.85	-	46.16	0.00	3,344.69
MW - 2	06/25/19	3390.85	-	46.19	0.00	3,344.66
MW - 2	07/03/19	3390.85	-	46.16	0.00	3,344.69
MW - 2	07/15/19	3390.85	-	46.14	0.00	3,344.71
MW - 2	07/31/19	3390.85	-	46.17	0.00	3,344.68
MW - 2	08/07/19	3390.85	-	46.27	0.00	3,344.58
MW - 2	08/15/19	3390.85	-	46.14	0.00	3,344.71
MW - 2	08/23/19	3390.85	-	46.17	0.00	3,344.68
MW - 2	09/06/19	3390.85	-	46.12	0.00	3,344.73
MW - 2	09/10/19	3390.85	-	46.09	0.00	3,344.76

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	09/18/19	3390.85	-	46.08	0.00	3,344.77
MW - 2	10/18/19	3390.85	-	45.98	0.00	3,344.87
MW - 2	11/01/19	3390.85	-	46.08	0.00	3,344.77
MW - 2	11/13/19	3390.85	-	45.91	0.00	3,344.94
MW - 2	11/25/19	3390.85	-	46.64	0.00	3,344.21
MW - 2	12/05/19	3390.85	-	46.05	0.00	3,344.80
MW - 2	12/12/19	3390.85	-	45.93	0.00	3,344.92
MW - 2	12/19/19	3390.85	-	45.95	0.00	3,344.90
MW - 2	12/27/19	3390.85	-	45.92	0.00	3,344.93
MW - 2	01/16/20	3390.85	-	45.98	0.00	3,344.87
MW - 2	01/24/20	3390.85	-	45.93	0.00	3,344.92
MW - 2	02/06/20	3390.85	-	45.88	0.00	3,344.97
MW - 2	02/14/20	3390.85	-	45.90	0.00	3,344.95
MW - 2	02/21/20	3390.85	-	45.97	0.00	3,344.88
MW - 2	02/25/20	3390.85	-	45.94	0.00	3,344.91
MW - 2	05/28/20	3390.85	-	45.82	0.00	3,345.03
MW - 2	06/15/20	3390.85	-	45.82	0.00	3,345.03
MW - 2	07/01/20	3390.85	-	45.82	0.00	3,345.03
MW - 2	07/29/20	3390.85	-	46.00	0.00	3,344.85
MW - 2	08/20/20	3390.85	-	46.05	0.00	3,344.80
MW - 2	08/27/20	3390.85	-	46.06	0.00	3,344.79
MW - 2	09/10/20	3390.85	-	46.12	0.00	3,344.73
MW - 2	10/21/20	3390.85	-	46.12	0.00	3,344.73
MW - 2	11/02/20	3390.85	-	46.06	0.00	3,344.79
MW - 2	12/01/20	3390.85	-	45.84	0.00	3,345.01
MW - 2	12/07/20	3390.85	-	45.97	0.00	3,344.88
MW - 3	02/03/99	3391.08	-	47.09	0.00	3,343.99
MW - 3	05/12/99	3391.08	-	47.06	0.00	3,344.02
MW - 3	08/23/99	3391.08	-	47.24	0.00	3,343.84
MW - 3	11/29/99	3391.08	-	46.18	0.00	3,344.90
MW - 3	03/09/00	3391.08	-	47.17	0.00	3,343.91
MW - 3	05/11/00	3391.08	-	46.95	0.00	3,344.13
MW - 3	09/12/00	3391.08	-	46.89	0.00	3,344.19
MW - 3	12/14/00	3391.08	-	46.55	0.00	3,344.53
MW - 3	03/21/01	3391.08	-	46.18	0.00	3,344.90
MW - 3	05/30/01	3391.08	-	46.90	0.00	3,344.18
MW - 3	06/21/01	3391.08	-	47.12	0.00	3,343.96
MW - 3	09/25/01	3391.08	-	47.12	0.00	3,343.96
MW - 3	11/17/01	3391.08	-	46.83	0.00	3,344.25
MW - 3	02/20/02	3391.08	-	46.69	0.00	3,344.39
MW - 3	05/20/02	3391.08	-	47.11	0.00	3,343.97
MW - 3	09/24/02	3391.08	-	47.88	0.00	3,343.20
MW - 3	10/29/02	3391.08	-	48.13	0.00	3,342.95

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	11/13/02	3391.08	-	48.20	0.00	3,342.88
MW - 3	02/06/03	3391.08	-	48.22	0.00	3,342.86
MW - 3	05/08/03	3391.08	-	47.94	0.00	3,343.14
MW - 3	08/19/03	3391.08	-	48.20	0.00	3,342.88
MW - 3	11/07/03	3391.08	-	48.54	0.00	3,342.54
MW - 3	02/09/04	3391.08	-	47.22	0.00	3,343.86
MW - 3	05/04/04	3391.08	-	47.94	0.00	3,343.14
MW - 3	08/23/04	3391.08	-	48.66	0.00	3,342.42
MW - 3	12/04/04	3391.08	-	47.39	0.00	3,343.69
MW - 3	03/07/05	3391.08	-	46.78	0.00	3,344.30
MW - 3	06/07/05	3391.08	-	46.79	0.00	3,344.29
MW - 3	09/07/05	3391.08	-	46.78	0.00	3,344.30
MW - 3	12/14/05	3391.08	-	46.25	0.00	3,344.83
MW - 3	03/06/06	3391.08	-	45.96	0.00	3,345.12
MW - 3	06/05/06	3391.08	-	45.65	0.00	3,345.43
MW - 3	09/11/06	3391.08	-	46.16	0.00	3,344.92
MW - 3	11/21/06	3391.08	-	46.25	0.00	3,344.83
MW - 3	02/20/07	3391.08	-	46.06	0.00	3,345.02
MW - 3	05/15/07	3391.08	-	46.25	0.00	3,344.83
MW - 3	08/09/07	3391.08	-	45.99	0.00	3,345.09
MW - 3	11/13/07	3391.08	-	46.21	0.00	3,344.87
MW - 3	02/14/08	3391.08	-	43.34	0.00	3,347.74
MW - 3	05/16/08	3391.08	-	45.76	0.00	3,345.32
MW - 3	08/19/08	3391.08	-	46.32	0.00	3,344.76
MW - 3	10/09/08	3391.08	-	46.48	0.00	3,344.60
MW - 3	10/23/08	3391.08	-	46.54	0.00	3,344.54
MW - 3	10/28/08	3391.08	-	46.51	0.00	3,344.57
MW - 3	11/19/08	3391.08	-	46.44	0.00	3,344.64
MW - 3	11/24/08	3391.08	-	46.99	0.00	3,344.09
MW - 3	02/18/09	3391.08	-	45.79	0.00	3,345.29
MW - 3	05/19/09	3391.08	-	46.48	0.00	3,344.60
MW - 3	07/07/09	3391.08	-	46.64	0.00	3,344.44
MW - 3	07/14/09	3391.08	-	46.66	0.00	3,344.42
MW - 3	07/28/09	3391.08	-	46.65	0.00	3,344.43
MW - 3	08/07/09	3391.08	-	46.66	0.00	3,344.42
MW - 3	08/13/09	3391.08	-	46.64	0.00	3,344.44
MW - 3	09/10/09	3391.08	-	46.72	0.00	3,344.36
MW - 3	09/18/09	3391.08	-	46.76	0.00	3,344.32
MW - 3	09/29/09	3391.08	-	46.66	0.00	3,344.42
MW - 3	10/06/09	3391.08	-	46.68	0.00	3,344.40
MW - 3	10/20/09	3391.08	-	46.69	0.00	3,344.39
MW - 3	10/27/09	3391.08	-	46.68	0.00	3,344.40
MW - 3	11/11/09	3391.08	-	46.76	0.00	3,344.32
MW - 3	12/22/09	3391.08	-	46.76	0.00	3,344.32

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	01/12/10	3391.08	-	46.72	0.00	3,344.36
MW - 3	02/04/10	3391.08	-	46.78	0.00	3,344.30
MW - 3	03/03/10	3391.08	-	46.99	0.00	3,344.09
MW - 3	04/15/10	3391.08	-	47.09	0.00	3,343.99
MW - 3	05/07/10	3391.08	-	47.11	0.00	3,343.97
MW - 3	08/06/10	3391.08	-	47.12	0.00	3,343.96
MW - 3	11/05/10	3391.08	-	47.14	0.00	3,343.94
MW - 3	02/11/11	3391.08	-	47.14	0.00	3,343.94
MW - 3	05/09/11	3391.08	-	47.16	0.00	3,343.92
MW - 3	08/05/11	3391.08	-	47.20	0.00	3,343.88
MW - 3	11/17/11	3391.08	-	47.98	0.00	3,343.10
MW - 3	02/28/12	3391.08	-	47.77	0.00	3,343.31
MW - 3	05/03/12	3391.08	-	47.75	0.00	3,343.33
MW - 3	08/24/12	3391.08	-	48.09	0.00	3,342.99
MW - 3	11/15/12	3391.08	-	47.92	0.00	3,343.16
MW - 3	02/14/13	3391.08	-	47.80	0.00	3,343.28
MW - 3	05/28/13	3391.08	-	47.75	0.00	3,343.33
MW - 3	08/06/13	3391.08	-	48.08	0.00	3,343.00
MW - 3	11/07/13	3391.08	-	48.41	0.00	3,342.67
MW - 3	03/05/14	3391.08	-	48.39	0.00	3,342.69
MW - 3	05/29/14	3391.08	-	48.38	0.00	3,342.70
MW - 3	07/23/14	3391.08	-	48.65	0.00	3,342.43
MW - 3	08/12/14	3391.08	-	48.66	0.00	3,342.42
MW - 3	10/28/14	3391.08	-	48.49	0.00	3,342.59
MW - 3	11/15/14	3391.08	-	48.38	0.00	3,342.70
MW - 3	02/16/15	3391.08	-	48.04	0.00	3,343.04
MW - 3	03/18/15	3391.08	-	47.93	0.00	3,343.15
MW - 3	04/08/15	3391.08	-	47.78	0.00	3,343.30
MW - 3	05/28/15	3391.08	-	47.59	0.00	3,343.49
MW - 3	07/09/15	3391.08	-	47.57	0.00	3,343.51
MW - 3	08/26/15	3391.08	-	47.74	0.00	3,343.34
MW - 3	09/11/15	3391.08	-	47.85	0.00	3,343.23
MW - 3	09/25/15	3391.08	-	47.94	0.00	3,343.14
MW - 3	10/09/15	3391.08	-	48.01	0.00	3,343.07
MW - 3	10/15/15	3391.08	-	47.88	0.00	3,343.20
MW - 3	11/20/15	3391.08	-	47.89	0.00	3,343.19
MW - 3	12/11/15	3391.08	-	47.75	0.00	3,343.33
MW - 3	01/13/16	3391.08	-	47.63	0.00	3,343.45
MW - 3	02/17/16	3391.08	-	47.43	0.00	3,343.65
MW - 3	03/18/16	3391.08	-	47.37	0.00	3,343.71
MW - 3	04/08/16	3391.08	-	47.30	0.00	3,343.78
MW - 3	04/12/16	3391.08	-	47.34	0.00	3,343.74
MW - 3	05/03/16	3391.08	-	47.27	0.00	3,343.81
MW - 3	05/26/16	3391.08	-	47.19	0.00	3,343.89

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	06/09/16	3391.08	-	47.29	0.00	3,343.79
MW - 3	07/01/16	3391.08	-	47.27	0.00	3,343.81
MW - 3	07/20/16	3391.08	-	47.43	0.00	3,343.65
MW - 3	08/04/16	3391.08	-	47.36	0.00	3,343.72
MW - 3	09/28/16	3391.08	-	47.47	0.00	3,343.61
MW - 3	11/29/16	3391.08	-	47.21	0.00	3,343.87
MW - 3	12/16/16	3391.08	-	47.09	0.00	3,343.99
MW - 3	01/26/17	3391.08	-	47.07	0.00	3,344.01
MW - 3	02/27/17	3391.08	-	46.94	0.00	3,344.14
MW - 3	03/30/17	3391.08	-	46.89	0.00	3,344.19
MW - 3	04/21/17	3391.08	-	46.84	0.00	3,344.24
MW - 3	05/18/17	3391.08	-	46.79	0.00	3,344.29
MW - 3	07/20/17	3391.08	-	46.79	0.00	3,344.29
MW - 3	08/29/17	3391.08	-	46.75	0.00	3,344.33
MW - 3	10/13/17	3391.08	-	46.63	0.00	3,344.45
MW - 3	10/20/17	3391.08	-	46.63	0.00	3,344.45
MW - 3	11/07/17	3391.08	-	46.63	0.00	3,344.45
MW - 3	01/31/18	3391.08	-	46.42	0.00	3,344.66
MW - 3	02/22/18	3391.08	-	46.49	0.00	3,344.59
MW - 3	03/15/18	3391.08	-	46.42	0.00	3,344.66
MW - 3	04/20/18	3391.08	-	46.42	0.00	3,344.66
MW - 3	05/22/18	3391.08	-	46.41	0.00	3,344.67
MW - 3	06/27/18	3391.08	-	46.50	0.00	3,344.58
MW - 3	07/31/18	3391.08	-	46.64	0.00	3,344.44
MW - 3	08/29/18	3391.08	-	46.68	0.00	3,344.40
MW - 3	09/28/18	3391.08	-	46.69	0.00	3,344.39
MW - 3	11/29/18	3391.08	-	46.56	0.00	3,344.52
MW - 3	12/13/18	3391.08	-	46.60	0.00	3,344.48
MW - 3	01/03/19	3391.08	-	46.51	0.00	3,344.57
MW - 3	03/05/19	3391.08	-	46.52	0.00	3,344.56
MW - 3	03/20/19	3391.08	-	46.48	0.00	3,344.60
MW - 3	04/04/19	3391.08	-	46.41	0.00	3,344.67
MW - 3	06/11/19	3391.08	-	46.31	0.00	3,344.77
MW - 3	07/15/19	3391.08	-	42.27	0.00	3,348.81
MW - 3	08/15/19	3391.08	-	46.26	0.00	3,344.82
MW - 3	11/25/19	3391.08	-	46.04	0.00	3,345.04
MW - 3	12/12/19	3391.08	-	46.08	0.00	3,345.00
MW - 3	01/24/20	3391.08	-	46.05	0.00	3,345.03
MW - 3	02/25/20	3391.08	-	46.07	0.00	3,345.01
MW - 3	05/28/20	3391.08	-	45.95	0.00	3,345.13
MW - 3	06/15/20	3391.08	-	45.93	0.00	3,345.15
MW - 3	08/27/20	3391.08	-	46.03	0.00	3,345.05
MW - 3	09/10/20	3391.08	-	46.14	0.00	3,344.94
MW - 3	10/21/20	3391.08	-	46.10	0.00	3,344.98

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	12/01/20	3391.08	-	45.99	0.00	3,345.09
MW - 4	02/03/99	3390.81	-	47.01	0.00	3,343.80
MW - 4	05/12/99	3390.81	-	46.91	0.00	3,343.90
MW - 4	08/23/99	3390.81	-	47.16	0.00	3,343.65
MW - 4	11/29/99	3390.81	-	46.03	0.00	3,344.78
MW - 4	03/09/00	3390.81	-	46.96	0.00	3,343.85
MW - 4	05/11/00	3390.81	-	46.80	0.00	3,344.01
MW - 4	09/12/00	3390.81	-	46.75	0.00	3,344.06
MW - 4	12/14/00	3390.81	-	46.33	0.00	3,344.48
MW - 4	03/21/01	3390.81	-	46.00	0.00	3,344.81
MW - 4	05/30/01	3390.81	-	46.70	0.00	3,344.11
MW - 4	06/21/01	3390.81	-	47.01	0.00	3,343.80
MW - 4	09/25/01	3390.81	-	47.02	0.00	3,343.79
MW - 4	11/17/01	3390.81	-	46.63	0.00	3,344.18
MW - 4	02/20/02	3390.81	-	47.47	0.00	3,343.34
MW - 4	05/20/02	3390.81	-	46.96	0.00	3,343.85
MW - 4	09/24/02	3390.81	-	48.78	0.00	3,342.03
MW - 4	10/29/02	3390.81	-	48.08	0.00	3,342.73
MW - 4	11/13/02	3390.81	-	48.18	0.00	3,342.63
MW - 4	02/06/03	3390.81	-	48.15	0.00	3,342.66
MW - 4	05/08/03	3390.81	-	47.82	0.00	3,342.99
MW - 4	08/19/03	3390.81	-	48.14	0.00	3,342.67
MW - 4	11/07/03	3390.81	-	48.43	0.00	3,342.38
MW - 4	02/09/04	3390.81	-	47.06	0.00	3,343.75
MW - 4	05/04/04	3390.81	-	47.82	0.00	3,342.99
MW - 4	08/23/04	3390.81	-	48.66	0.00	3,342.15
MW - 4	09/22/04	3390.81	sheen	48.76	0.00	3,342.05
MW - 4	09/29/04	3390.81	sheen	48.70	0.00	3,342.11
MW - 4	10/04/04	3390.81	sheen	48.10	0.00	3,342.71
MW - 4	10/11/04	3390.81	sheen	47.92	0.00	3,342.89
MW - 4	10/19/04	3390.81	sheen	48.01	0.00	3,342.80
MW - 4	10/25/04	3390.81	sheen	48.12	0.00	3,342.69
MW - 4	11/01/04	3390.81	sheen	48.16	0.00	3,342.65
MW - 4	11/09/04	3390.81	sheen	48.10	0.00	3,342.71
MW - 4	11/17/04	3390.81	sheen	48.16	0.00	3,342.65
MW - 4	11/22/04	3390.81	sheen	48.19	0.00	3,342.62
MW - 4	11/29/04	3390.81	sheen	47.63	0.00	3,343.18
MW - 4	12/04/04	3390.81	-	47.26	0.00	3,343.55
MW - 4	12/13/04	3390.81	sheen	46.80	0.00	3,344.01
MW - 4	12/20/05	3390.81	sheen	46.77	0.00	3,344.04
MW - 4	12/30/04	3390.81	sheen	46.50	0.00	3,344.31
MW - 4	01/03/05	3390.81	sheen	46.54	0.00	3,344.27
MW - 4	01/10/05	3390.81	sheen	46.66	0.00	3,344.15

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	01/17/05	3390.81	sheen	46.78	0.00	3,344.03
MW - 4	01/24/05	3390.81	sheen	46.82	0.00	3,343.99
MW - 4	01/31/05	3390.81	sheen	46.92	0.00	3,343.89
MW - 4	02/07/05	3390.81	sheen	46.88	0.00	3,343.93
MW - 4	02/14/05	3390.81	sheen	46.89	0.00	3,343.92
MW - 4	02/21/05	3390.81	sheen	46.92	0.00	3,343.89
MW - 4	02/28/05	3390.81	sheen	46.96	0.00	3,343.85
MW - 4	03/07/05	3390.81	-	46.60	0.00	3,344.21
MW - 4	03/07/05	3390.81	sheen	46.60	0.00	3,344.21
MW - 4	03/16/05	3390.81	sheen	46.89	0.00	3,343.92
MW - 4	03/21/05	3390.81	sheen	46.54	0.00	3,344.27
MW - 4	03/28/05	3390.81	sheen	46.66	0.00	3,344.15
MW - 4	04/04/05	3390.81	sheen	46.63	0.00	3,344.18
MW - 4	04/13/05	3390.81	sheen	46.65	0.00	3,344.16
MW - 4	04/18/05	3390.81	-	46.63	0.00	3,344.18
MW - 4	05/23/05	3390.81	sheen	46.93	0.00	3,343.88
MW - 4	06/07/05	3390.81	-	46.70	0.00	3,344.11
MW - 4	06/21/05	3390.81	sheen	46.90	0.00	3,343.91
MW - 4	07/26/05	3390.81	sheen	46.68	0.00	3,344.13
MW - 4	08/25/05	3390.81	sheen	46.69	0.00	3,344.12
MW - 4	09/07/05	3390.81	sheen	46.73	0.00	3,344.08
MW - 4	09/26/05	3390.81	sheen	46.88	0.00	3,343.93
MONITOR WELL WAS DAMAGED DURING BACKFILLING OPERATIONS						
MW - 4	11/14/05		sheen	46.49	0.00	
MONITOR WELL WAS REPAIRED & RESURVEYED - NOTE CHANGE IN ELEVATION						
MW - 4	-	3390.94	-	-	-	-
MW - 4	12/14/05	3390.94	COULD NOT SAMPLE - OBSTRUCTED			
MW - 4	12/28/05	3390.94	DRY	43.40		3,347.54
MW - 4	01/18/06	3390.94	DRY			
MW - 4	02/15/06	3390.94	DRY			
MW - 4	03/06/06	PLUGGED & ABANDONED				
MW - 5	11/29/99	3391.53	-	46.55	0.00	3,344.98
MW - 5	03/09/00	3391.53	-	47.51	0.00	3,344.02
MW - 5	05/11/00	3391.53	-	47.35	0.00	3,344.18
MW - 5	09/12/00	3391.53	-	47.25	0.00	3,344.28
MW - 5	12/14/00	3391.53	-	46.94	0.00	3,344.59
MW - 5	03/21/01	3391.53	-	46.55	0.00	3,344.98
MW - 5	05/30/01	3391.53	-	47.29	0.00	3,344.24
MW - 5	06/21/01	3391.53	-	47.45	0.00	3,344.08
MW - 5	09/25/01	3391.53	-	47.37	0.00	3,344.16
MW - 5	11/17/01	3391.53	-	47.20	0.00	3,344.33
MW - 5	02/20/02	3391.53	-	47.06	0.00	3,344.47
MW - 5	05/20/02	3391.53	-	47.47	0.00	3,344.06

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5	09/24/02	3391.53	-	48.16	0.00	3,343.37
MW - 5	10/29/02	3391.53	-	48.36	0.00	3,343.17
MW - 5	11/13/02	3391.53	-	48.45	0.00	3,343.08
MW - 5	02/06/03	3391.53	-	48.44	0.00	3,343.09
MW - 5	05/08/03	3391.53	-	48.21	0.00	3,343.32
MW - 5	08/19/03	3391.53	-	48.42	0.00	3,343.11
MW - 5	11/07/03	3391.53	-	48.82	0.00	3,342.71
MW - 5	02/09/04	3391.53	-	47.56	0.00	3,343.97
MW - 5	05/04/04	3391.53	-	48.17	0.00	3,343.36
MW - 5	08/23/04	3391.53	-	48.89	0.00	3,342.64
MW - 5	12/04/04	3391.53	-	47.82	0.00	3,343.71
MW - 5	03/07/05	3391.53	-	47.14	0.00	3,344.39
MW - 5	06/07/05	3391.53	-	47.07	0.00	3,344.46
MW - 5	09/07/05	3391.53	-	47.05	0.00	3,344.48
MW - 5	12/14/05	3391.53	-	46.60	0.00	3,344.93
MW - 5	06/05/06	3391.53	-	46.01	0.00	3,345.52
MW - 5	09/11/06	3391.53	-	46.47	0.00	3,345.06
MW - 5	11/21/06	3391.53	-	46.63	0.00	3,344.90
MW - 5	02/20/07	3391.53	-	46.35	0.00	3,345.18
MW - 5	05/15/07	3391.53	-	46.50	0.00	3,345.03
MW - 5	08/09/07	3391.53	-	46.27	0.00	3,345.26
MW - 5	11/13/07	3391.53	-	46.39	0.00	3,345.14
MW - 5	02/14/08	3391.53	-	44.55	0.00	3,346.98
MW - 5	05/16/08	3391.53	-	46.04	0.00	3,345.49
MW - 5	08/19/08	3391.53	-	46.53	0.00	3,345.00
MW - 5	11/19/08	3391.53	-	46.55	0.00	3,344.98
MW - 5	02/18/09	3391.53	-	46.01	0.00	3,345.52
MW - 5	05/19/09	3391.53	-	46.61	0.00	3,344.92
MW - 5	08/13/09	3391.53	-	46.83	0.00	3,344.70
MW - 5	11/11/09	3391.53	-	46.89	0.00	3,344.64
MW - 5	01/12/10	3391.53	-	46.87	0.00	3,344.66
MW - 5	02/04/10	3391.53	-	46.93	0.00	3,344.60
MW - 5	05/07/10	3391.53	-	46.92	0.00	3,344.61
MW - 5	08/06/10	3391.53	-	46.92	0.00	3,344.61
MW - 5	11/05/10	3391.53	-	46.94	0.00	3,344.59
MW - 5	02/11/11	3391.53	-	46.96	0.00	3,344.57
MW - 5	05/09/11	3391.53	-	46.95	0.00	3,344.58
MW - 5	08/05/11	3391.53	-	46.97	0.00	3,344.56
MW - 5	11/17/11	3391.53	-	48.10	0.00	3,343.43
MW - 5	02/28/12	3391.53	-	47.92	0.00	3,343.61
MW - 5	05/03/12	3391.53	-	47.88	0.00	3,343.65
MW - 5	08/24/12	3391.53	-	48.21	0.00	3,343.32
MW - 5	11/15/12	3391.53	-	48.14	0.00	3,343.39
MW - 5	02/14/13	3391.53	-	47.98	0.00	3,343.55

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5	05/28/13	3391.53	-	47.90	0.00	3,343.63
MW - 5	08/06/13	3391.53	-	48.22	0.00	3,343.31
MW - 5	11/07/13	3391.53	-	48.56	0.00	3,342.97
MW - 5	03/05/14	3391.53	-	48.50	0.00	3,343.03
MW - 5	05/29/14	3391.53	-	48.51	0.00	3,343.02
MW - 5	07/23/14	3391.53	-	48.76	0.00	3,342.77
MW - 5	08/12/14	3391.53	-	48.80	0.00	3,342.73
MW - 5	10/28/14	3391.53	-	48.67	0.00	3,342.86
MW - 5	11/15/14	3391.53	-	48.54	0.00	3,342.99
MW - 5	02/16/15	3391.53	-	48.21	0.00	3,343.32
MW - 5	03/18/15	3391.53	-	48.07	0.00	3,343.46
MW - 5	04/08/15	3391.53	-	47.94	0.00	3,343.59
MW - 5	05/28/15	3391.53	-	47.75	0.00	3,343.78
MW - 5	07/09/15	3391.53	-	47.72	0.00	3,343.81
MW - 5	08/26/15	3391.53	-	47.90	0.00	3,343.63
MW - 5	09/11/15	3391.53	-	47.99	0.00	3,343.54
MW - 5	09/25/15	3391.53	-	48.07	0.00	3,343.46
MW - 5	10/09/15	3391.53	-	48.15	0.00	3,343.38
MW - 5	10/15/15	3391.53	-	48.04	0.00	3,343.49
MW - 5	11/20/15	3391.53	-	48.04	0.00	3,343.49
MW - 5	12/11/15	3391.53	-	47.91	0.00	3,343.62
MW - 5	01/13/16	3391.53	-	47.74	0.00	3,343.79
MW - 5	02/17/16	3391.53	-	47.58	0.00	3,343.95
MW - 5	03/18/16	3391.53	-	47.52	0.00	3,344.01
MW - 5	04/08/16	3391.53	-	47.45	0.00	3,344.08
MW - 5	04/12/16	3391.53	-	47.49	0.00	3,344.04
MW - 5	05/03/16	3391.53	-	47.40	0.00	3,344.13
MW - 5	05/26/16	3391.53	-	47.34	0.00	3,344.19
MW - 5	06/09/16	3391.53	-	47.45	0.00	3,344.08
MW - 5	07/01/16	3391.53	-	47.43	0.00	3,344.10
MW - 5	07/20/16	3391.53	-	47.59	0.00	3,343.94
MW - 5	08/04/16	3391.53	-	47.53	0.00	3,344.00
MW - 5	09/28/16	3391.53	-	47.61	0.00	3,343.92
MW - 5	11/29/16	3391.53	-	47.38	0.00	3,344.15
MW - 5	12/16/16	3391.53	-	47.27	0.00	3,344.26
MW - 5	01/26/17	3391.53	-	47.28	0.00	3,344.25
MW - 5	02/27/17	3391.53	-	47.11	0.00	3,344.42
MW - 5	03/30/17	3391.53	-	47.07	0.00	3,344.46
MW - 5	04/21/17	3391.53	-	47.02	0.00	3,344.51
MW - 5	05/18/17	3391.53	-	46.98	0.00	3,344.55
MW - 5	07/20/17	3391.53	-	46.97	0.00	3,344.56
MW - 5	08/29/17	3391.53	-	46.92	0.00	3,344.61
MW - 5	10/13/17	3391.53	-	46.82	0.00	3,344.71
MW - 5	10/20/17	3391.53	-	46.82	0.00	3,344.71

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5	11/07/17	3391.53	-	46.83	0.00	3,344.70
MW - 5	01/31/18	3391.53	-	46.62	0.00	3,344.91
MW - 5	02/22/18	3391.53	-	46.68	0.00	3,344.85
MW - 5	03/15/18	3391.53	-	46.62	0.00	3,344.91
MW - 5	04/20/18	3391.53	-	46.63	0.00	3,344.90
MW - 5	05/22/18	3391.53	-	46.61	0.00	3,344.92
MW - 5	06/27/18	3391.53	-	46.70	0.00	3,344.83
MW - 5	07/31/18	3391.53	-	46.83	0.00	3,344.70
MW - 5	08/29/18	3391.53	-	46.87	0.00	3,344.66
MW - 5	11/29/18	3391.53	-	46.74	0.00	3,344.79
MW - 5	12/13/18	3391.53	-	46.80	0.00	3,344.73
MW - 5	09/28/18	3391.53	-	46.87	0.00	3,344.66
MW - 5	01/03/19	3391.53	-	46.70	0.00	3,344.83
MW - 5	03/05/19	3391.53	-	46.71	0.00	3,344.82
MW - 5	03/20/19	3391.53	-	46.67	0.00	3,344.86
MW - 5	04/04/19	3391.53	-	46.54	0.00	3,344.99
MW - 5	06/11/19	3391.53	-	46.50	0.00	3,345.03
MW - 5	07/15/19	3391.53	-	46.45	0.00	3,345.08
MW - 5	08/15/19	3391.53	-	46.45	0.00	3,345.08
MW - 5	11/25/19	3391.53	-	46.22	0.00	3,345.31
MW - 5	12/12/19	3391.53	-	46.28	0.00	3,345.25
MW - 5	01/24/20	3391.53	-	46.24	0.00	3,345.29
MW - 5	02/25/20	3391.53	-	46.27	0.00	3,345.26
MW - 5	05/28/20	3391.53	-	46.14	0.00	3,345.39
MW - 5	06/15/20	3391.53	-	46.12	0.00	3,345.41
MW - 5	08/27/20	3391.53	-	46.22	0.00	3,345.31
MW - 5	09/10/20	3391.53	-	46.34	0.00	3,345.19
MW - 5	10/21/20	3391.53	-	46.29	0.00	3,345.24
MW - 5	12/01/20	3391.53	-	46.19	0.00	3,345.34
MW - 6	11/29/99	3391.14	-	46.45	0.00	3,344.69
MW - 6	03/09/00	3391.14	-	47.36	0.00	3,343.78
MW - 6	05/11/00	3391.14	-	47.21	0.00	3,343.93
MW - 6	09/12/00	3391.14	-	47.14	0.00	3,344.00
MW - 6	12/14/00	3391.14	-	46.71	0.00	3,344.43
MW - 6	03/21/01	3391.14	-	46.40	0.00	3,344.74
MW - 6	05/30/01	3391.14	-	47.05	0.00	3,344.09
MW - 6	06/21/01	3391.14	-	47.46	0.00	3,343.68
MW - 6	09/25/01	3391.14	-	47.59	0.00	3,343.55
MW - 6	11/17/01	3391.14	-	47.15	0.00	3,343.99
MW - 6	02/20/02	3391.14	-	46.88	0.00	3,344.26
MW - 6	05/20/02	3391.14	-	47.48	0.00	3,343.66
MW - 6	09/24/02	3391.14	-	48.38	0.00	3,342.76
MW - 6	10/29/02	3391.14	-	48.65	0.00	3,342.49

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	11/13/02	3391.14	-	48.78	0.00	3,342.36
MW - 6	02/06/03	3391.14	-	48.70	0.00	3,342.44
MW - 6	05/08/03	3391.14	-	48.42	0.00	3,342.72
MW - 6	08/19/03	3391.14	-	48.68	0.00	3,342.46
MW - 6	11/07/03	3391.14	-	48.92	0.00	3,342.22
MW - 6	12/04/04	3391.14	-	47.55	0.00	3,343.59
MW - 6	03/07/05	3391.14	-	47.05	0.00	3,344.09
MW - 6	06/07/05	3391.14	-	47.20	0.00	3,343.94
MW - 6	09/07/05	3391.14	-	47.28	0.00	3,343.86
MW - 6	12/14/05	3391.14	-	46.51	0.00	3,344.63
MW - 6	06/05/06	3391.14	-	45.99	0.00	3,345.15
MW - 6	09/11/06	3391.14	-	46.62	0.00	3,344.52
MW - 6	11/21/06	3391.14	-	46.68	0.00	3,344.46
MW - 6	02/20/07	3391.14	-	46.54	0.00	3,344.60
MW - 6	05/15/07	3391.14	-	46.77	0.00	3,344.37
MW - 6	06/21/07	3391.14	-	46.74	0.00	3,344.40
MW - 6	08/09/07	3391.14	-	46.46	0.00	3,344.68
MW - 6	11/13/07	3391.14	-	46.74	0.00	3,344.40
MW - 6	02/14/08	3391.14	-	46.91	0.00	3,344.23
MW - 6	05/16/08	3391.14	-	46.33	0.00	3,344.81
MW - 6	08/19/08	3391.14	-	46.89	0.00	3,344.25
MW - 6	11/19/08	3391.14	-	46.98	0.00	3,344.16
MW - 6	02/18/09	3391.14	-	45.17	0.00	3,345.97
MW - 6	05/19/09	3391.14	-	47.02	0.00	3,344.12
MW - 6	08/13/09	3391.14	-	47.20	0.00	3,343.94
MW - 6	11/11/09	3391.14	-	47.26	0.00	3,343.88
MW - 6	01/12/10	3391.14	-	47.27	0.00	3,343.87
MW - 6	02/04/10	3391.14	-	47.39	0.00	3,343.75
MW - 6	05/07/10	3391.14	-	47.33	0.00	3,343.81
MW - 6	08/06/10	3391.14	-	47.33	0.00	3,343.81
MW - 6	11/05/10	3391.14	-	47.33	0.00	3,343.81
MW - 6	02/11/11	3391.14	-	47.32	0.00	3,343.82
MW - 6	05/09/11	3391.14	-	47.32	0.00	3,343.82
MW - 6	08/05/11	3391.14	-	47.30	0.00	3,343.84
MW - 6	11/17/11	3391.14	-	48.68	0.00	3,342.46
MW - 6	02/28/12	3391.14	-	48.38	0.00	3,342.76
MW - 6	05/03/12	3391.14	-	48.41	0.00	3,342.73
MW - 6	08/24/12	3391.14	-	48.68	0.00	3,342.46
MW - 6	11/15/12	3391.14	-	48.61	0.00	3,342.53
MW - 6	02/14/13	3391.14	-	48.48	0.00	3,342.66
MW - 6	05/28/13	3391.14	-	48.42	0.00	3,342.72
MW - 6	08/06/13	3391.14	-	48.79	0.00	3,342.35
MW - 6	11/07/13	3391.14	-	49.12	0.00	3,342.02
MW - 6	03/05/14	3391.14	-	49.15	0.00	3,341.99

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	05/29/14	3391.14	-	49.17	0.00	3,341.97
MW - 6	07/23/14	3391.14	-	49.43	0.00	3,341.71
MW - 6	08/12/14	3391.14	-	49.46	0.00	3,341.68
MW - 6	10/28/14	3391.14	-	49.24	0.00	3,341.90
MW - 6	11/15/14	3391.14	-	49.12	0.00	3,342.02
MW - 6	02/16/15	3391.14	-	48.77	0.00	3,342.37
MW - 6	03/18/15	3391.14	-	48.67	0.00	3,342.47
MW - 6	04/08/15	3391.14	-	48.54	0.00	3,342.60
MW - 6	05/28/15	3391.14	-	48.31	0.00	3,342.83
MW - 6	07/09/15	3391.14	-	48.27	0.00	3,342.87
MW - 6	08/26/15	3391.14	-	48.45	0.00	3,342.69
MW - 6	09/11/15	3391.14	-	48.56	0.00	3,342.58
MW - 6	09/25/15	3391.14	-	48.67	0.00	3,342.47
MW - 6	10/09/15	3391.14	-	48.71	0.00	3,342.43
MW - 6	10/15/15	3391.14	-	48.64	0.00	3,342.50
MW - 6	11/20/15	3391.14	-	48.62	0.00	3,342.52
MW - 6	12/11/15	3391.14	-	48.48	0.00	3,342.66
MW - 6	01/13/16	3391.14	-	48.28	0.00	3,342.86
MW - 6	02/17/16	3391.14	-	48.10	0.00	3,343.04
MW - 6	03/18/16	3391.14	-	48.07	0.00	3,343.07
MW - 6	04/08/16	3391.14	-	48.02	0.00	3,343.12
MW - 6	04/12/16	3391.14	-	48.06	0.00	3,343.08
MW - 6	05/03/16	3391.14	-	47.97	0.00	3,343.17
MW - 6	05/26/16	3391.14	-	47.95	0.00	3,343.19
MW - 6	06/09/16	3391.14	-	48.03	0.00	3,343.11
MW - 6	07/01/16	3391.14	-	48.01	0.00	3,343.13
MW - 6	07/20/16	3391.14	-	48.09	0.00	3,343.05
MW - 6	08/04/16	3391.14	-	48.09	0.00	3,343.05
MW - 6	09/28/16	3391.14	-	48.16	0.00	3,342.98
MW - 6	11/29/16	3391.14	-	47.89	0.00	3,343.25
MW - 6	12/16/16	3391.14	-	47.80	0.00	3,343.34
MW - 6	01/26/17	3391.14	-	47.77	0.00	3,343.37
MW - 6	02/27/17	3391.14	-	47.60	0.00	3,343.54
MW - 6	03/30/17	3391.14	-	47.57	0.00	3,343.57
MW - 6	04/21/17	3391.14	-	47.50	0.00	3,343.64
MW - 6	05/18/17	3391.14	-	47.47	0.00	3,343.67
MW - 6	07/20/17	3391.14	-	47.45	0.00	3,343.69
MW - 6	08/29/17	3391.14	-	47.37	0.00	3,343.77
MW - 6	10/13/17	3391.14	-	47.28	0.00	3,343.86
MW - 6	10/20/17	3391.14	-	47.28	0.00	3,343.86
MW - 6	11/07/17	3391.14	-	47.28	0.00	3,343.86
MW - 6	01/31/18	3391.14	-	47.08	0.00	3,344.06
MW - 6	02/22/18	3391.14	-	47.14	0.00	3,344.00
MW - 6	03/15/18	3391.14	-	47.09	0.00	3,344.05

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	04/20/18	3391.14	-	47.09	0.00	3,344.05
MW - 6	05/23/18	3391.14	-	47.08	0.00	3,344.06
MW - 6	06/27/18	3391.14	-	47.17	0.00	3,343.97
MW - 6	07/31/18	3391.14	-	47.31	0.00	3,343.83
MW - 6	08/29/18	3391.14	-	47.36	0.00	3,343.78
MW - 6	09/28/18	3391.14	-	47.35	0.00	3,343.79
MW - 6	11/29/18	3391.14	-	47.23	0.00	3,343.91
MW - 6	12/13/18	3391.14	-	47.27	0.00	3,343.87
MW - 6	01/03/19	3391.14	-	47.17	0.00	3,343.97
MW - 6	03/05/19	3391.14	-	47.16	0.00	3,343.98
MW - 6	03/20/19	3391.14	-	47.11	0.00	3,344.03
MW - 6	04/04/19	3391.14	-	47.04	0.00	3,344.10
MW - 6	06/11/19	3391.14	-	46.96	0.00	3,344.18
MW - 6	07/15/19	3391.14	-	46.91	0.00	3,344.23
MW - 6	08/15/19	3391.14	-	46.91	0.00	3,344.23
MW - 6	11/25/19	3391.14	-	46.67	0.00	3,344.47
MW - 6	12/12/19	3391.14	-	46.72	0.00	3,344.42
MW - 6	01/24/20	3391.14	-	46.69	0.00	3,344.45
MW - 6	02/25/20	3391.14	-	46.73	0.00	3,344.41
MW - 6	05/28/20	3391.14	-	46.59	0.00	3,344.55
MW - 6	06/15/20	3391.14	-	46.58	0.00	3,344.56
MW - 6	08/27/20	3391.14	-	46.71	0.00	3,344.43
MW - 6	09/10/20	3392.14	-	46.84	0.00	3,345.30
MW - 6	10/21/20	3392.14	-	46.79	0.00	3,345.35
MW - 6	12/01/20	3392.14	-	47.64	0.00	3,344.50
MW - 7	11/29/99	3391.21	-	46.52	0.00	3,344.69
MW - 7	03/09/00	3391.21	-	47.41	0.00	3,343.80
MW - 7	05/11/00	3391.21	-	47.31	0.00	3,343.90
MW - 7	09/12/00	3391.21	-	47.23	0.00	3,343.98
MW - 7	12/14/00	3391.21	-	46.75	0.00	3,344.46
MW - 7	03/21/01	3391.21	-	46.49	0.00	3,344.72
MW - 7	05/30/01	3391.21	-	47.12	0.00	3,344.09
MW - 7	06/21/01	3391.21	-	47.52	0.00	3,343.69
MW - 7	09/25/01	3391.21	-	47.48	0.00	3,343.73
MW - 7	11/17/01	3391.21	-	47.08	0.00	3,344.13
MW - 7	02/20/02	3391.21	-	46.82	0.00	3,344.39
MW - 7	05/20/02	3391.21	-	47.44	0.00	3,343.77
MW - 7	09/24/02	3391.21	-	48.32	0.00	3,342.89
MW - 7	10/29/02	3391.21	-	48.59	0.00	3,342.62
MW - 7	11/13/02	3391.21	-	48.70	0.00	3,342.51
MW - 7	02/06/03	3391.21	-	48.70	0.00	3,342.51
MW - 7	05/08/03	3391.21	-	48.38	0.00	3,342.83
MW - 7	08/19/03	3391.21	-	48.63	0.00	3,342.58

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	11/07/03	3391.21	-	48.87	0.00	3,342.34
MW - 7	02/09/04	3391.21	-	47.46	0.00	3,343.75
MW - 7	05/04/04	3391.21	-	48.28	0.00	3,342.93
MW - 7	08/23/04	3391.21	-	49.19	0.00	3,342.02
MW - 7	12/04/04	3391.21	-	47.54	0.00	3,343.67
MW - 7	03/07/05	3391.21	-	47.00	0.00	3,344.21
MW - 7	06/07/05	3391.21	-	47.14	0.00	3,344.07
MW - 7	09/07/05	3391.21	-	47.22	0.00	3,343.99
MW - 7	12/14/05	3391.21	-	46.48	0.00	3,344.73
MW - 7	06/05/06	3391.21	-	45.98	0.00	3,345.23
MW - 7	09/11/06	3391.21	-	46.58	0.00	3,344.63
MW - 7	11/21/06	3391.21	-	46.61	0.00	3,344.60
MW - 7	02/20/07	3391.21	-	46.48	0.00	3,344.73
MW - 7	05/15/07	3391.21	-	46.69	0.00	3,344.52
MW - 7	06/21/07	3391.21	-	46.71	0.00	3,344.50
MW - 7	08/09/07	3391.21	-	46.39	0.00	3,344.82
MW - 7	11/13/07	3391.21	-	46.64	0.00	3,344.57
MW - 7	02/14/08	3391.21	-	46.86	0.00	3,344.35
MW - 7	05/16/08	3391.21	-	46.26	0.00	3,344.95
MW - 7	08/19/08	3391.21	-	46.81	0.00	3,344.40
MW - 7	11/19/08	3391.21	-	46.87	0.00	3,344.34
MW - 7	02/18/09	3391.21	-	46.12	0.00	3,345.09
MW - 7	05/19/09	3391.21	-	46.93	0.00	3,344.28
MW - 7	08/13/09	3391.21	-	47.11	0.00	3,344.10
MW - 7	11/11/09	3391.21	-	47.17	0.00	3,344.04
MW - 7	01/12/10	3391.21	-	47.19	0.00	3,344.02
MW - 7	02/04/10	3391.21	-	47.30	0.00	3,343.91
MW - 7	05/07/10	3391.21	-	47.28	0.00	3,343.93
MW - 7	08/06/10	3391.21	-	47.29	0.00	3,343.92
MW - 7	11/05/10	3391.21	-	47.28	0.00	3,343.93
MW - 7	02/11/11	3391.21	-	47.28	0.00	3,343.93
MW - 7	05/09/11	3391.21	-	47.26	0.00	3,343.95
MW - 7	08/05/11	3391.21	-	47.29	0.00	3,343.92
MW - 7	11/17/11	3391.21	-	48.58	0.00	3,342.63
MW - 7	02/28/12	3391.21	-	48.30	0.00	3,342.91
MW - 7	05/03/12	3391.21	-	48.32	0.00	3,342.89
MW - 7	08/24/12	3391.21	-	48.59	0.00	3,342.62
MW - 7	11/15/12	3391.21	-	48.52	0.00	3,342.69
MW - 7	02/14/13	3391.21	-	48.36	0.00	3,342.85
MW - 7	05/28/13	3391.21	-	48.32	0.00	3,342.89
MW - 7	08/06/13	3391.21	-	48.69	0.00	3,342.52
MW - 7	11/07/13	3391.21	-	49.04	0.00	3,342.17
MW - 7	03/05/14	3391.21	-	49.04	0.00	3,342.17
MW - 7	05/29/14	3391.21	-	49.07	0.00	3,342.14

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	07/23/14	3391.21	-	49.32	0.00	3,341.89
MW - 7	08/12/14	3391.21	-	49.36	0.00	3,341.85
MW - 7	10/28/14	3391.21	-	49.14	0.00	3,342.07
MW - 7	11/15/14	3391.21	-	49.02	0.00	3,342.19
MW - 7	02/16/15	3391.21	-	48.66	0.00	3,342.55
MW - 7	03/18/15	3391.21	-	48.54	0.00	3,342.67
MW - 7	04/08/15	3391.21	-	48.42	0.00	3,342.79
MW - 7	05/28/15	3391.21	-	48.19	0.00	3,343.02
MW - 7	07/09/15	3391.21	-	48.16	0.00	3,343.05
MW - 7	08/26/15	3391.21	-	48.35	0.00	3,342.86
MW - 7	09/11/15	3391.21	-	48.45	0.00	3,342.76
MW - 7	09/25/15	3391.21	-	48.56	0.00	3,342.65
MW - 7	10/09/15	3391.21	-	48.61	0.00	3,342.60
MW - 7	10/15/15	3391.21	-	48.55	0.00	3,342.66
MW - 7	11/20/15	3391.21	-	48.52	0.00	3,342.69
MW - 7	12/11/15	3391.21	-	48.36	0.00	3,342.85
MW - 7	01/13/16	3391.21	-	48.16	0.00	3,343.05
MW - 7	02/17/16	3391.21	-	47.97	0.00	3,343.24
MW - 7	03/18/16	3391.21	-	47.94	0.00	3,343.27
MW - 7	04/08/16	3391.21	-	47.88	0.00	3,343.33
MW - 7	04/12/16	3391.21	-	47.94	0.00	3,343.27
MW - 7	05/03/16	3391.21	-	47.83	0.00	3,343.38
MW - 7	05/26/16	3391.21	-	47.83	0.00	3,343.38
MW - 7	06/09/16	3391.21	-	47.90	0.00	3,343.31
MW - 7	07/01/16	3391.21	-	47.88	0.00	3,343.33
MW - 7	07/20/16	3391.21	-	47.97	0.00	3,343.24
MW - 7	08/04/16	3391.21	-	47.98	0.00	3,343.23
MW - 7	09/28/16	3391.21	-	48.05	0.00	3,343.16
MW - 7	11/29/16	3391.21	-	47.78	0.00	3,343.43
MW - 7	12/16/16	3391.21	-	47.66	0.00	3,343.55
MW - 7	01/26/17	3391.21	-	47.63	0.00	3,343.58
MW - 7	02/27/17	3391.21	-	47.51	0.00	3,343.70
MW - 7	03/30/17	3391.21	-	47.45	0.00	3,343.76
MW - 7	04/21/17	3391.21	-	47.38	0.00	3,343.83
MW - 7	05/18/17	3391.21	-	47.36	0.00	3,343.85
MW - 7	07/20/17	3391.21	-	47.33	0.00	3,343.88
MW - 7	08/29/17	3391.21	-	47.25	0.00	3,343.96
MW - 7	10/13/17	3391.21	-	47.16	0.00	3,344.05
MW - 7	10/20/17	3391.21	-	47.16	0.00	3,344.05
MW - 7	11/07/17	3391.21	-	47.16	0.00	3,344.05
MW - 7	01/31/18	3391.21	-	47.96	0.00	3,343.25
MW - 7	02/22/18	3391.21	-	47.02	0.00	3,344.19
MW - 7	03/15/18	3391.21	-	46.97	0.00	3,344.24
MW - 7	04/20/18	3391.21	-	46.97	0.00	3,344.24

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	05/22/18	3391.21	-	46.97	0.00	3,344.24
MW - 7	06/27/18	3391.21	-	47.07	0.00	3,344.14
MW - 7	07/31/18	3391.21	-	47.20	0.00	3,344.01
MW - 7	08/29/18	3391.21	-	47.26	0.00	3,343.95
MW - 7	09/28/18	3391.21	-	47.26	0.00	3,343.95
MW - 7	11/29/18	3391.21	-	47.12	0.00	3,344.09
MW - 7	12/13/18	3391.21	-	47.16	0.00	3,344.05
MW - 7	01/03/19	3391.21	-	47.06	0.00	3,344.15
MW - 7	03/05/19	3391.21	-	47.05	0.00	3,344.16
MW - 7	03/20/19	3391.21	-	47.00	0.00	3,344.21
MW - 7	04/04/19	3391.21	-	46.94	0.00	3,344.27
MW - 7	06/11/19	3391.21	-	46.85	0.00	3,344.36
MW - 7	07/15/19	3391.21	-	46.80	0.00	3,344.41
MW - 7	08/15/19	3391.21	-	46.80	0.00	3,344.41
MW - 7	11/25/19	3391.21	-	46.55	0.00	3,344.66
MW - 7	12/12/19	3391.21	-	46.60	0.00	3,344.61
MW - 7	01/24/20	3391.21	-	46.58	0.00	3,344.63
MW - 7	02/25/20	3391.21	-	46.61	0.00	3,344.60
MW - 7	05/28/20	3391.21	-	46.47	0.00	3,344.74
MW - 7	06/15/20	3391.21	-	46.45	0.00	3,344.76
MW - 7	08/27/20	3391.21	-	46.61	0.00	3,344.60
MW - 7	09/10/20	3391.21	-	46.74	0.00	3,344.47
MW - 7	10/21/20	3391.21	-	46.68	0.00	3,344.53
MW - 7	12/01/20	3391.21	-	46.54	0.00	3,344.67
MW - 8	11/29/99	3391.14	-	46.42	0.00	3,344.72
MW - 8	03/09/00	3391.14	-	47.37	0.00	3,343.77
MW - 8	05/11/00	3391.14	-	47.20	0.00	3,343.94
MW - 8	09/12/00	3391.14	-	47.11	0.00	3,344.03
MW - 8	12/14/00	3391.14	-	46.75	0.00	3,344.39
MW - 8	03/21/01	3391.14	-	46.38	0.00	3,344.76
MW - 8	05/30/01	3391.14	-	47.16	0.00	3,343.98
MW - 8	06/21/01	3391.14	-	47.42	0.00	3,343.72
MW - 8	09/25/01	3391.14	-	47.50	0.00	3,343.64
MW - 8	11/17/01	3391.14	-	47.05	0.00	3,344.09
MW - 8	02/20/02	3391.14	-	46.80	0.00	3,344.34
MW - 8	05/20/02	3391.14	-	47.38	0.00	3,343.76
MW - 8	09/24/02	3391.14	-	48.29	0.00	3,342.85
MW - 8	10/29/02	3391.14	-	48.58	0.00	3,342.56
MW - 8	11/13/02	3391.14	-	48.69	0.00	3,342.45
MW - 8	02/06/03	3391.14	-	48.68	0.00	3,342.46
MW - 8	05/08/03	3391.14	-	48.33	0.00	3,342.81
MW - 8	08/19/03	3391.14	-	48.58	0.00	3,342.56
MW - 8	11/07/03	3391.14	-	48.84	0.00	3,342.30

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 8	02/09/04	3391.14	-	47.46	0.00	3,343.68
MW - 8	05/04/04	3391.14	-	48.25	0.00	3,342.89
MW - 8	08/23/04	3391.14	-	49.15	0.00	3,341.99
MW - 8	12/04/04	3391.14	-	47.50	0.00	3,343.64
MW - 8	03/07/05	3391.14	-	46.97	0.00	3,344.17
MW - 8	06/07/05	3391.14	-	47.12	0.00	3,344.02
MW - 8	09/07/05	3391.14	-	47.19	0.00	3,343.95
MW - 8	12/14/05	3391.14	-	46.47	0.00	3,344.67
MW - 8	06/05/06	3391.14	-	47.89	0.00	3,343.25
MW - 8	09/11/06	3391.14	-	46.54	0.00	3,344.60
MW - 8	11/21/06	3391.14	-	46.63	0.00	3,344.51
MW - 8	02/20/07	3391.14	-	46.44	0.00	3,344.70
MW - 8	05/15/07	3391.14	-	46.69	0.00	3,344.45
MW - 8	08/09/07	3391.14	-	46.40	0.00	3,344.74
MW - 8	11/13/07	3391.14	-	46.67	0.00	3,344.47
MW - 8	02/14/08	3391.14	-	46.84	0.00	3,344.30
MW - 8	05/16/08	3391.14	-	46.23	0.00	3,344.91
MW - 8	08/19/08	3391.14	-	46.81	0.00	3,344.33
MW - 8	11/19/08	3391.14	-	46.91	0.00	3,344.23
MW - 8	02/18/09	3391.14	-	46.09	0.00	3,345.05
MW - 8	05/19/09	3391.14	-	46.93	0.00	3,344.21
MW - 8	08/13/09	3391.14	-	47.13	0.00	3,344.01
MW - 8	11/11/09	3391.14	-	47.20	0.00	3,343.94
MW - 8	01/12/10	3391.14	-	47.18	0.00	3,343.96
MW - 8	02/04/10	3391.14	-	47.31	0.00	3,343.83
MW - 8	05/07/10	3391.14	-	47.43	0.00	3,343.71
MW - 8	08/06/10	3391.14	-	47.42	0.00	3,343.72
MW - 8	11/05/10	3391.14	-	47.41	0.00	3,343.73
MW - 8	02/11/11	3391.14	-	47.40	0.00	3,343.74
MW - 8	05/09/11	3391.14	-	47.38	0.00	3,343.76
MW - 8	08/05/11	3391.14	-	47.39	0.00	3,343.75
MW - 8	11/17/11	3391.14	-	48.58	0.00	3,342.56
MW - 8	02/28/12	3391.14	-	48.32	0.00	3,342.82
MW - 8	05/03/12	3391.14	-	48.35	0.00	3,342.79
MW - 8	08/24/12	3391.14	-	48.61	0.00	3,342.53
MW - 8	11/15/12	3391.14	-	48.53	0.00	3,342.61
MW - 8	02/14/13	3391.14	-	48.39	0.00	3,342.75
MW - 8	05/28/13	3391.14	-	48.34	0.00	3,342.80
MW - 8	08/06/13	3391.14	-	48.11	0.00	3,343.03
MW - 8	11/07/13	3391.14	-	49.06	0.00	3,342.08
MW - 8	03/05/14	3391.14	-	49.09	0.00	3,342.05
MW - 8	05/29/14	3391.14	-	49.10	0.00	3,342.04
MW - 8	07/23/14	3391.14	-	49.36	0.00	3,341.78
MW - 8	08/12/14	3391.14	-	49.37	0.00	3,341.77

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 8	10/28/14	3391.14	-	49.17	0.00	3,341.97
MW - 8	11/15/14	3391.14	-	49.06	0.00	3,342.08
MW - 8	02/16/15	3391.14	-	48.70	0.00	3,342.44
MW - 8	03/18/15	3391.14	-	48.60	0.00	3,342.54
MW - 8	04/08/15	3391.14	-	48.48	0.00	3,342.66
MW - 8	05/28/15	3391.14	-	48.24	0.00	3,342.90
MW - 8	07/09/15	3391.14	-	48.21	0.00	3,342.93
MW - 8	08/26/15	3391.14	-	48.38	0.00	3,342.76
MW - 8	09/11/15	3391.14	-	48.48	0.00	3,342.66
MW - 8	09/25/15	3391.14	-	48.60	0.00	3,342.54
MW - 8	10/09/15	3391.14	-	48.65	0.00	3,342.49
MW - 8	10/15/15	3391.14	-	48.58	0.00	3,342.56
MW - 8	11/20/15	3391.14	-	48.56	0.00	3,342.58
MW - 8	12/11/15	3391.14	-	48.41	0.00	3,342.73
MW - 8	01/13/16	3391.14	-	48.21	0.00	3,342.93
MW - 8	02/17/16	3391.14	-	48.05	0.00	3,343.09
MW - 8	03/18/16	3391.14	-	48.03	0.00	3,343.11
MW - 8	04/08/16	3391.14	-	47.98	0.00	3,343.16
MW - 8	04/12/16	3391.14	-	48.02	0.00	3,343.12
MW - 8	05/03/16	3391.14	-	47.92	0.00	3,343.22
MW - 8	05/26/16	3391.14	-	47.88	0.00	3,343.26
MW - 8	06/09/16	3391.14	-	47.92	0.00	3,343.22
MW - 8	07/01/16	3391.14	-	47.94	0.00	3,343.20
MW - 8	07/20/16	3391.14	-	48.01	0.00	3,343.13
MW - 8	08/04/16	3391.14	-	48.02	0.00	3,343.12
MW - 8	09/28/16	3391.14	-	48.09	0.00	3,343.05
MW - 8	11/29/16	3391.14	-	47.82	0.00	3,343.32
MW - 8	12/16/16	3391.14	-	47.72	0.00	3,343.42
MW - 8	01/26/17	3391.14	-	47.70	0.00	3,343.44
MW - 8	02/27/17	3391.14	-	47.55	0.00	3,343.59
MW - 8	03/30/17	3391.14	-	47.51	0.00	3,343.63
MW - 8	04/21/17	3391.14	-	47.44	0.00	3,343.70
MW - 8	05/18/17	3391.14	-	47.40	0.00	3,343.74
MW - 8	07/20/17	3391.14	-	47.39	0.00	3,343.75
MW - 8	08/29/17	3391.14	-	47.31	0.00	3,343.83
MW - 8	10/13/17	3391.14	-	47.22	0.00	3,343.92
MW - 8	10/20/17	3391.14	-	47.22	0.00	3,343.92
MW - 8	11/07/17	3391.14	-	47.22	0.00	3,343.92
MW - 8	01/31/18	3391.14	-	47.01	0.00	3,344.13
MW - 8	02/22/18	3391.14	-	47.08	0.00	3,344.06
MW - 8	03/15/18	3391.14	-	47.02	0.00	3,344.12
MW - 8	04/20/18	3391.14	-	47.02	0.00	3,344.12
MW - 8	05/23/18	3391.14	-	47.00	0.00	3,344.14
MW - 8	06/27/18	3391.14	-	47.09	0.00	3,344.05

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 8	07/31/18	3391.14	-	47.23	0.00	3,343.91
MW - 8	08/29/18	3391.14	-	47.28	0.00	3,343.86
MW - 8	09/28/18	3391.14	-	47.27	0.00	3,343.87
MW - 8	11/29/18	3391.14	-	47.14	0.00	3,344.00
MW - 8	12/13/18	3391.14	-	47.19	0.00	3,343.95
MW - 8	01/03/19	3391.14	-	47.10	0.00	3,344.04
MW - 8	03/05/19	3391.14	-	47.09	0.00	3,344.05
MW - 8	03/20/19	3391.14	-	47.04	0.00	3,344.10
MW - 8	04/04/19	3391.14	-	46.98	0.00	3,344.16
MW - 8	06/11/19	3391.14	-	46.88	0.00	3,344.26
MW - 8	07/15/19	3391.14	-	46.84	0.00	3,344.30
MW - 8	08/15/19	3391.14	-	46.85	0.00	3,344.29
MW - 8	11/25/19	3391.14	-	46.59	0.00	3,344.55
MW - 8	12/12/19	3391.14	-	46.64	0.00	3,344.50
MW - 8	01/24/20	3391.14	-	46.61	0.00	3,344.53
MW - 8	02/25/20	3391.14	-	46.64	0.00	3,344.50
MW - 8	05/28/20	3391.14	-	46.52	0.00	3,344.62
MW - 8	06/15/20	3391.14	-	46.50	0.00	3,344.64
MW - 8	08/27/20	3391.14	-	46.62	0.00	3,344.52
MW - 8	09/10/20	3391.14	-	46.74	0.00	3,344.40
MW - 8	10/21/20	3391.14	-	46.70	0.00	3,344.44
MW - 8	12/01/20	3391.14	-	46.57	0.00	3,344.57
MW - 9	11/29/99	3391.47	-	46.65	0.00	3,344.82
MW - 9	03/09/00	3391.47	-	47.56	0.00	3,343.91
MW - 9	05/11/00	3391.47	-	47.44	0.00	3,344.03
MW - 9	09/12/00	3391.47	-	47.38	0.00	3,344.09
MW - 9	12/14/00	3391.47	-	46.86	0.00	3,344.61
MW - 9	03/21/01	3391.47	-	46.61	0.00	3,344.86
MW - 9	05/30/01	3391.47	-	47.33	0.00	3,344.14
MW - 9	06/21/01	3391.47	-	47.50	0.00	3,343.97
MW - 9	09/25/01	3391.47	-	47.55	0.00	3,343.92
MW - 9	11/17/01	3391.47	-	47.21	0.00	3,344.26
MW - 9	02/20/02	3391.47	-	47.03	0.00	3,344.44
MW - 9	05/20/02	3391.47	-	47.58	0.00	3,343.89
MW - 9	09/24/02	3391.47	48.27	48.88	0.61	3,343.11
MW - 9	10/29/02	3391.47	48.48	49.18	0.70	3,342.89
MW - 9	11/06/02	3391.47	48.62	49.06	0.44	3,342.78
MW - 9	11/13/02	3391.47	48.95	49.08	0.13	3,342.50
MW - 9	01/07/03	3391.47	sheen	48.69	0.00	3,342.78
MW - 9	01/13/03	3391.47	sheen	48.67	0.00	3,342.80
MW - 9	01/27/03	3391.47	48.80	48.83	0.03	3,342.67
MW - 9	02/06/03	3391.47	48.90	49.00	0.10	3,342.56
MW - 9	03/11/03	3391.47	sheen	48.57	0.00	3,342.90

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	03/19/03	3391.47	sheen	48.29	0.00	3,343.18
MW - 9	04/02/03	3391.47	sheen	48.27	0.00	3,343.20
MW - 9	04/16/03	3391.47	sheen	48.45	0.00	3,343.02
MW - 9	04/23/03	3391.47	sheen	48.31	0.00	3,343.16
MW - 9	04/29/03	3391.47	sheen	48.35	0.00	3,343.12
MW - 9	05/08/03	3391.47	sheen	48.44	0.00	3,343.03
MW - 9	05/15/03	3391.47	sheen	48.74	0.00	3,342.73
MW - 9	05/20/03	3391.47	sheen	48.91	0.00	3,342.56
MW - 9	05/27/03	3391.47	sheen	48.99	0.00	3,342.48
MW - 9	06/03/03	3391.47	48.84	48.85	0.01	3,342.63
MW - 9	06/10/03	3391.47	49.10	49.12	0.02	3,342.37
MW - 9	06/25/03	3391.47	49.14	49.19	0.05	3,342.32
MW - 9	07/02/03	3391.47	49.19	49.21	0.02	3,342.28
MW - 9	07/07/03	3391.47	49.18	49.19	0.01	3,342.29
MW - 9	07/22/03	3391.47	sheen	48.81	0.00	3,342.66
MW - 9	07/30/03	3391.47	sheen	48.57	0.00	3,342.90
MW - 9	08/06/03	3391.47	sheen	48.53	0.00	3,342.94
MW - 9	08/13/03	3391.47	sheen	48.97	0.00	3,342.50
MW - 9	08/19/03	3391.47	sheen	48.69	0.00	3,342.78
MW - 9	08/20/03	3391.47	sheen	49.09	0.00	3,342.38
MW - 9	08/25/03	3391.47	sheen	49.17	0.00	3,342.30
MW - 9	09/08/03	3391.47	sheen	49.58	0.00	3,341.89
MW - 9	09/15/03	3391.47	sheen	49.55	0.00	3,341.92
MW - 9	09/24/03	3391.47	sheen	49.90	0.00	3,341.57
MW - 9	09/30/03	3391.47	sheen	49.51	0.00	3,341.96
MW - 9	10/07/03	3391.47	sheen	49.70	0.00	3,341.77
MW - 9	10/22/03	3391.47	sheen	49.40	0.00	3,342.07
MW - 9	10/27/03	3391.47	sheen	49.31	0.00	3,342.16
MW - 9	11/07/03	3391.47	49.70	49.71	0.01	3,341.77
MW - 9	11/10/03	3391.47	sheen	49.52	0.00	3,341.95
MW - 9	11/17/03	3391.47	sheen	48.82	0.00	3,342.65
MW - 9	12/08/03	3391.47	sheen	48.13	0.00	3,343.34
MW - 9	12/17/03	3391.47	sheen	48.81	0.00	3,342.66
MW - 9	12/22/03	3391.47	49.62	49.63	0.01	3,341.85
MW - 9	01/02/04	3391.47	sheen	47.55	0.00	3,343.92
MW - 9	01/06/04	3391.47	sheen	49.61	0.00	3,341.86
MW - 9	01/19/04	3391.47	sheen	48.05	0.00	3,343.42
MW - 9	01/26/04	3391.47	sheen	48.10	0.00	3,343.37
MW - 9	02/02/04	3391.47	sheen	48.04	0.00	3,343.43
MW - 9	02/09/04	3391.47	sheen	47.63	0.00	3,343.84
MW - 9	02/19/04	3391.47	sheen	47.75	0.00	3,343.72
MW - 9	02/23/04	3391.47	sheen	47.65	0.00	3,343.82
MW - 9	03/01/04	3391.47	sheen	47.61	0.00	3,343.86
MW - 9	03/10/04	3391.47	sheen	47.64	0.00	3,343.83

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	03/15/04	3391.47	sheen	48.20	0.00	3,343.27
MW - 9	03/23/04	3391.47	sheen	48.61	0.00	3,342.86
MW - 9	03/30/04	3391.47	sheen	48.22	0.00	3,343.25
MW - 9	04/12/04	3391.47	sheen	48.76	0.00	3,342.71
MW - 9	04/20/04	3391.47	sheen	48.31	0.00	3,343.16
MW - 9	05/03/04	3391.47	sheen	48.75	0.00	3,342.72
MW - 9	05/04/04	3391.47	sheen	48.75	0.00	3,342.72
MW - 9	06/09/04	3391.47	sheen	48.71	0.00	3,342.76
MW - 9	06/16/04	3391.47	sheen	48.74	0.00	3,342.73
MW - 9	06/23/04	3391.47	sheen	48.78	0.00	3,342.69
MW - 9	06/30/04	3391.47	sheen	48.14	0.00	3,343.33
MW - 9	07/13/04	3391.47	sheen	48.97	0.00	3,342.50
MW - 9	07/22/04	3391.47	sheen	49.07	0.00	3,342.40
MW - 9	08/23/04	3391.47	-	49.26	0.00	3,342.21
MW - 9	12/04/04	3391.47	-	48.73	0.00	3,342.74
MW - 9	03/07/05	3391.47	-	47.25	0.00	3,344.22
MW - 9	06/07/05	3391.47	sheen	47.23	0.00	3,344.24
MW - 9	09/07/05	3391.47	sheen	47.23	0.00	3,344.24
MW - 9	12/14/05	3391.47	-	46.65	0.00	3,344.82
MW - 9	03/06/06	3391.47	sheen	46.43	0.00	3,345.04
MW - 9	04/13/06	3391.47	sheen	46.25	0.00	3,345.22
MW - 9	04/19/06	3391.47	sheen	46.40	0.00	3,345.07
MW - 9	05/25/06	3391.47	sheen	46.17	0.00	3,345.30
MW - 9	06/05/06	3391.47	-	46.12	0.00	3,345.35
MW - 9	09/11/06	3391.47	-	46.66	0.00	3,344.81
MW - 9	10/31/06	3391.47	sheen	46.88	0.00	3,344.59
MW - 9	11/16/06	3391.47	sheen	46.69	0.00	3,344.78
MW - 9	11/21/06	3391.47	sheen	46.68	0.00	3,344.79
MW - 9	01/26/07	3391.47	sheen	46.58	0.00	3,344.89
MW - 9	01/31/07	3391.47	sheen	46.47	0.00	3,345.00
MW - 9	02/15/07	3391.47	-	46.54	0.00	3,344.93
MW - 9	02/20/07	3391.47	-	46.49	0.00	3,344.98
MW - 9	05/15/07	3391.47	-	46.66	0.00	3,344.81
MW - 9	08/09/07	3391.47	-	46.40	0.00	3,345.07
MW - 9	11/13/07	3391.47	-	46.61	0.00	3,344.86
MW - 9	02/14/08	3391.47	-	46.73	0.00	3,344.74
MW - 9	05/16/08	3391.47	-	46.25	0.00	3,345.22
MW - 9	08/19/08	3391.47	-	46.76	0.00	3,344.71
MW - 9	10/09/08	3391.47	-	46.93	0.00	3,344.54
MW - 9	10/23/08	3391.47	-	46.89	0.00	3,344.58
MW - 9	10/28/08	3391.47	-	46.88	0.00	3,344.59
MW - 9	11/19/08	3391.47	-	46.83	0.00	3,344.64
MW - 9	12/29/08	3391.47	-	-	-	-
MW - 9	02/18/09	3391.47	-	46.15	0.00	3,345.32

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	03/03/09	3391.47	-	46.28	0.00	3,345.19
MW - 9	03/10/09	3391.47	-	46.38	0.00	3,345.09
MW - 9	03/18/09	3391.47	-	46.44	0.00	3,345.03
MW - 9	03/27/09	3391.47	-	46.45	0.00	3,345.02
MW - 9	04/07/09	3391.47	-	46.62	0.00	3,344.85
MW - 9	04/14/09	3391.47	-	46.64	0.00	3,344.83
MW - 9	04/28/09	3391.47	-	46.77	0.00	3,344.70
MW - 9	05/19/09	3391.47	-	46.89	0.00	3,344.58
MW - 9	06/18/09	3391.47	-	47.09	0.00	3,344.38
MW - 9	06/30/09	3391.47	-	46.26	0.00	3,345.21
MW - 9	07/07/09	3391.47	-	47.09	0.00	3,344.38
MW - 9	07/14/09	3391.47	-	47.10	0.00	3,344.37
MW - 9	07/28/09	3391.47	-	47.12	0.00	3,344.35
MW - 9	08/07/09	3391.47	-	47.14	0.00	3,344.33
MW - 9	08/13/09	3391.47	-	47.05	0.00	3,344.42
MW - 9	09/10/09	3391.47	-	47.10	0.00	3,344.37
MW - 9	09/18/09	3391.47	-	47.17	0.00	3,344.30
MW - 9	09/29/09	3391.47	-	47.14	0.00	3,344.33
MW - 9	10/06/09	3391.47	-	47.13	0.00	3,344.34
MW - 9	10/20/09	3391.47	-	47.11	0.00	3,344.36
MW - 9	10/27/09	3391.47	-	47.10	0.00	3,344.37
MW - 9	11/11/09	3391.47	-	47.16	0.00	3,344.31
MW - 9	12/22/09	3391.47	-	47.09	0.00	3,344.38
MW - 9	01/12/10	3391.47	-	47.11	0.00	3,344.36
MW - 9	02/04/10	3391.47	-	47.24	0.00	3,344.23
MW - 9	03/03/10	3391.47	-	47.44	0.00	3,344.03
MW - 9	04/15/10	3391.47	-	47.48	0.00	3,343.99
MW - 9	05/07/10	3391.47	-	47.32	0.00	3,344.15
MW - 9	06/25/10	3391.47	-	47.45	0.00	3,344.02
MW - 9	08/06/10	3391.47	-	47.31	0.00	3,344.16
MW - 9	11/05/10	3391.47	-	47.30	0.00	3,344.17
MW - 9	02/11/11	3391.47	-	47.33	0.00	3,344.14
MW - 9	05/09/11	3391.47	-	47.30	0.00	3,344.17
MW - 9	08/05/11	3391.47	-	47.30	0.00	3,344.17
MW - 9	11/17/11	3391.47	-	48.53	0.00	3,342.94
MW - 9	02/28/12	3391.47	-	48.26	0.00	3,343.21
MW - 9	05/03/12	3391.47	-	48.23	0.00	3,343.24
MW - 9	08/24/12	3391.47	-	48.58	0.00	3,342.89
MW - 9	11/15/12	3391.47	-	48.39	0.00	3,343.08
MW - 9	01/14/13	3391.47	-	48.27	0.00	3,343.20
MW - 9	02/14/13	3391.47	-	48.23	0.00	3,343.24
MW - 9	03/29/13	3391.47	-	48.17	0.00	3,343.30
MW - 9	04/19/13	3391.47	-	48.19	0.00	3,343.28
MW - 9	04/30/13	3391.47	-	48.14	0.00	3,343.33

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	05/23/13	3391.47	-	48.24	0.00	3,343.23
MW - 9	05/28/13	3391.47	-	48.20	0.00	3,343.27
MW - 9	05/30/13	3391.47	-	48.21	0.00	3,343.26
MW - 9	06/06/13	3391.47	-	48.32	0.00	3,343.15
MW - 9	06/13/13	3391.47	-	48.35	0.00	3,343.12
MW - 9	06/19/13	3391.47	-	48.31	0.00	3,343.16
MW - 9	07/30/13	3391.47	-	48.58	0.00	3,342.89
MW - 9	08/06/13	3391.47	-	48.54	0.00	3,342.93
MW - 9	08/09/13	3391.47	-	48.63	0.00	3,342.84
MW - 9	08/30/13	3391.47	-	48.69	0.00	3,342.78
MW - 9	09/12/13	3391.47	-	48.73	0.00	3,342.74
MW - 9	10/03/13	3391.47	-	48.74	0.00	3,342.73
MW - 9	11/01/13	3391.47	-	48.85	0.00	3,342.62
MW - 9	11/07/13	3391.47	-	48.87	0.00	3,342.60
MW - 9	12/10/13	3391.47	-	48.80	0.00	3,342.67
MW - 9	01/01/14	3391.47	-	48.70	0.00	3,342.77
MW - 9	01/16/14	3391.47	-	48.75	0.00	3,342.72
MW - 9	01/23/14	3391.47	-	48.88	0.00	3,342.59
MW - 9	01/28/14	3391.47	-	48.90	0.00	3,342.57
MW - 9	02/11/14	3391.47	-	48.86	0.00	3,342.61
MW - 9	03/05/14	3391.47	-	48.82	0.00	3,342.65
MW - 9	03/13/14	3391.47	-	48.84	0.00	3,342.63
MW - 9	03/29/14	3391.47	-	48.79	0.00	3,342.68
MW - 9	04/08/14	3391.47	-	48.85	0.00	3,342.62
MW - 9	04/17/14	3391.47	-	48.81	0.00	3,342.66
MW - 9	04/25/14	3391.47	-	48.73	0.00	3,342.74
MW - 9	05/08/14	3391.47	-	48.72	0.00	3,342.75
MW - 9	05/14/14	3391.47	-	48.70	0.00	3,342.77
MW - 9	05/27/14	3391.47	-	48.81	0.00	3,342.66
MW - 9	05/29/14	3391.47	-	48.82	0.00	3,342.65
MW - 9	06/18/14	3391.47	-	48.77	0.00	3,342.70
MW - 9	07/23/14	3391.47	-	49.10	0.00	3,342.37
MW - 9	08/12/14	3391.47	-	49.13	0.00	3,342.34
MW - 9	10/28/14	3391.47	-	48.97	0.00	3,342.50
MW - 9	11/15/14	3391.47	-	48.85	0.00	3,342.62
MW - 9	02/16/15	3391.47	-	48.49	0.00	3,342.98
MW - 9	03/18/15	3391.47	-	48.34	0.00	3,343.13
MW - 9	04/08/15	3391.47	-	48.22	0.00	3,343.25
MW - 9	05/28/15	3391.47	-	48.00	0.00	3,343.47
MW - 9	07/09/15	3391.47	-	47.99	0.00	3,343.48
MW - 9	08/26/15	3391.47	-	48.18	0.00	3,343.29
MW - 9	09/11/15	3391.47	-	48.26	0.00	3,343.21
MW - 9	09/25/15	3391.47	-	48.38	0.00	3,343.09
MW - 9	10/09/15	3391.47	-	48.42	0.00	3,343.05

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	10/15/15	3391.47	-	48.38	0.00	3,343.09
MW - 9	11/20/15	3391.47	-	48.34	0.00	3,343.13
MW - 9	12/11/15	3391.47	-	48.18	0.00	3,343.29
MW - 9	01/13/16	3391.47	-	48.00	0.00	3,343.47
MW - 9	02/17/16	3391.47	-	47.79	0.00	3,343.68
MW - 9	03/18/16	3391.47	-	47.72	0.00	3,343.75
MW - 9	04/08/16	3391.47	-	47.69	0.00	3,343.78
MW - 9	04/12/16	3391.47	-	47.73	0.00	3,343.74
MW - 9	05/03/16	3391.47	-	47.64	0.00	3,343.83
MW - 9	05/26/16	3391.47	-	47.62	0.00	3,343.85
MW - 9	06/09/16	3391.47	-	47.72	0.00	3,343.75
MW - 9	07/01/16	3391.47	-	47.72	0.00	3,343.75
MW - 9	07/20/16	3391.47	-	47.81	0.00	3,343.66
MW - 9	08/04/16	3391.47	-	47.81	0.00	3,343.66
MW - 9	09/28/16	3391.47	-	47.89	0.00	3,343.58
MW - 9	11/29/16	3391.47	-	47.62	0.00	3,343.85
MW - 9	12/16/16	3391.47	-	47.55	0.00	3,343.92
MW - 9	01/26/17	3391.47	-	47.50	0.00	3,343.97
MW - 9	02/27/17	3391.47	-	47.36	0.00	3,344.11
MW - 9	03/30/17	3391.47	-	47.31	0.00	3,344.16
MW - 9	04/21/17	3391.47	-	47.25	0.00	3,344.22
MW - 9	05/18/17	3391.47	-	47.21	0.00	3,344.26
MW - 9	08/29/17	3391.47	-	47.12	0.00	3,344.35
MW - 9	10/13/17	3391.47	-	47.03	0.00	3,344.44
MW - 9	10/20/17	3391.47	-	47.03	0.00	3,344.44
MW - 9	11/07/17	3391.47	-	47.03	0.00	3,344.44
MW - 9	01/31/18	3391.47	-	46.85	0.00	3,344.62
MW - 9	02/22/18	3391.47	-	46.90	0.00	3,344.57
MW - 9	03/15/18	3391.47	-	46.85	0.00	3,344.62
MW - 9	04/20/18	3391.47	-	46.85	0.00	3,344.62
MW - 9	05/22/18	3391.47	-	46.85	0.00	3,344.62
MW - 9	06/27/18	3391.47	-	46.94	0.00	3,344.53
MW - 9	07/31/18	3391.47	-	47.07	0.00	3,344.40
MW - 9	08/29/18	3391.47	-	47.14	0.00	3,344.33
MW - 9	09/28/18	3391.47	-	47.13	0.00	3,344.34
MW - 9	11/29/18	3391.47	-	47.02	0.00	3,344.45
MW - 9	12/13/18	3391.47	-	47.05	0.00	3,344.42
MW - 9	01/03/19	3391.47	-	46.95	0.00	3,344.52
MW - 9	03/05/19	3391.47	-	46.92	0.00	3,344.55
MW - 9	03/20/19	3391.47	-	46.88	0.00	3,344.59
MW - 9	04/04/19	3391.47	-	46.81	0.00	3,344.66
MW - 9	06/11/19	3391.47	-	46.73	0.00	3,344.74
MW - 9	07/15/19	3391.47	-	46.70	0.00	3,344.77
MW - 9	08/15/19	3391.47	-	46.68	0.00	3,344.79

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	11/25/19	3391.47	-	46.43	0.00	3,345.04
MW - 9	12/12/19	3391.47	-	46.48	0.00	3,344.99
MW - 9	01/24/20	3391.47	-	46.46	0.00	3,345.01
MW - 9	02/25/20	3391.47	-	46.49	0.00	3,344.98
MW - 9	05/28/20	3391.47	-	46.34	0.00	3,345.13
MW - 9	06/15/20	3391.47	-	46.35	0.00	3,345.12
MW - 9	08/27/20	3391.47	-	46.47	0.00	3,345.00
MW - 9	09/10/20	3391.47	-	46.58	0.00	3,344.89
MW - 9	10/21/20	3391.47	-	46.55	0.00	3,344.92
MW - 9	12/01/20	3391.47	-	46.44	0.00	3,345.03
MW - 10	11/29/99	3391.26	46.26	47.23	0.97	3,344.85
MW - 10	03/09/00	3391.26	47.17	48.59	1.42	3,343.88
MW - 10	05/11/00	3391.26	46.67	47.69	1.02	3,344.44
MW - 10	09/12/00	3391.26	46.86	47.51	0.65	3,344.30
MW - 10	12/14/00	3391.26	46.61	47.51	0.90	3,344.52
MW - 10	03/21/01	3391.26	47.17	48.59	1.42	3,343.88
MW - 10	05/30/01	3391.26	46.99	48.40	1.41	3,344.06
MW - 10	09/25/01	3391.26	47.18	49.57	2.39	3,343.72
MW - 10	11/17/01	3391.26	46.61	47.51	0.90	3,344.52
MW - 10	02/20/02	3391.26	46.76	47.88	1.12	3,344.33
MW - 10	05/20/02	3391.26	47.44	47.61	0.17	3,343.79
MW - 10	09/24/02	3391.26	47.81	50.60	2.79	3,343.03
MW - 10	10/29/02	3391.26	48.01	50.77	2.76	3,342.84
MW - 10	11/06/02	3391.26	48.61	50.06	1.45	3,342.43
MW - 10	01/07/03	3391.26	48.52	48.55	0.03	3,342.74
MW - 10	01/13/03	3391.26	48.46	48.50	0.04	3,342.79
MW - 10	01/27/03	3391.26	48.30	50.03	1.73	3,342.70
MW - 10	02/06/03	3391.26	48.42	49.98	1.56	3,342.61
MW - 10	02/19/03	3391.26	48.25	49.92	1.67	3,342.76
MW - 10	03/05/03	3391.26	48.49	50.79	2.30	3,342.43
MW - 10	03/11/03	3391.26	48.00	48.75	0.75	3,343.15
MW - 10	03/19/03	3391.26	48.05	48.72	0.67	3,343.11
MW - 10	03/25/03	3391.26	46.14	47.92	1.78	3,344.85
MW - 10	04/02/03	3391.26	sheen	48.28	0.00	3,342.98
MW - 10	04/16/03	3391.26	sheen	48.32	0.00	3,342.94
MW - 10	04/23/03	3391.26	48.14	48.22	0.08	3,343.11
MW - 10	04/29/03	3391.26	48.13	48.41	0.28	3,343.09
MW - 10	05/08/03	3391.26	48.12	49.31	1.19	3,342.96
MW - 10	05/15/03	3391.26	48.24	49.84	1.60	3,342.78
MW - 10	05/20/03	3391.26	48.41	50.26	1.85	3,342.57
MW - 10	05/27/03	3391.26	48.53	49.42	0.89	3,342.60
MW - 10	06/03/03	3391.26	48.38	50.59	2.21	3,342.55
MW - 10	06/10/03	3391.26	48.67	50.07	1.40	3,342.38

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	06/25/03	3391.26	48.69	50.94	2.25	3,342.23
MW - 10	07/02/03	3391.26	48.82	51.06	2.24	3,342.10
MW - 10	07/07/03	3391.26	48.90	50.02	1.12	3,342.19
MW - 10	07/22/03	3391.26	48.59	48.97	0.38	3,342.61
MW - 10	07/30/03	3391.26	48.15	49.41	1.26	3,342.92
MW - 10	08/06/03	3391.26	48.30	48.49	0.19	3,342.93
MW - 10	08/13/03	3391.26	48.49	49.27	0.78	3,342.65
MW - 10	08/19/03	3391.26	48.43	49.26	0.83	3,342.71
MW - 10	08/20/03	3391.26	48.78	49.69	0.91	3,342.34
MW - 10	08/25/03	3391.26	48.87	50.05	1.18	3,342.21
MW - 10	09/08/03	3391.26	49.12	49.82	0.70	3,342.04
MW - 10	09/15/03	3391.26	49.10	49.91	0.81	3,342.04
MW - 10	09/24/03	3391.26	49.34	49.78	0.44	3,341.85
MW - 10	09/30/03	3391.26	49.10	50.45	1.35	3,341.96
MW - 10	10/07/03	3391.26	49.17	50.82	1.65	3,341.84
MW - 10	10/22/03	3391.26	49.00	50.74	1.74	3,342.00
MW - 10	10/27/03	3391.26	40.98	50.66	9.68	3,348.83
MW - 10	11/07/03	3391.26	49.14	50.78	1.64	3,341.87
MW - 10	11/10/03	3391.26	49.08	50.58	1.50	3,341.96
MW - 10	11/17/03	3391.26	48.49	49.49	1.00	3,342.62
MW - 10	12/08/03	3391.26	47.23	47.71	0.48	3,343.96
MW - 10	12/17/03	3391.26	48.47	49.53	1.06	3,342.63
MW - 10	12/22/03	3391.26	49.11	50.86	1.75	3,341.89
MW - 10	01/02/04	3391.26	47.25	47.26	0.01	3,344.01
MW - 10	01/06/04	3391.26	49.14	50.74	1.60	3,341.88
MW - 10	01/19/04	3391.26	-	47.81	0.00	3,343.45
MW - 10	01/26/04	3391.26	47.89	47.90	0.01	3,343.37
MW - 10	02/02/04	3391.26	47.87	47.87	0.00	3,343.39
MW - 10	02/09/04	3391.26	47.51	47.63	0.12	3,343.73
MW - 10	02/19/04	3391.26	47.60	47.60	0.00	3,343.66
MW - 10	02/23/04	3391.26	47.52	47.65	0.13	3,343.72
MW - 10	03/01/04	3391.26	47.50	47.61	0.11	3,343.74
MW - 10	03/10/04	3391.26	47.53	47.62	0.09	3,343.72
MW - 10	03/15/04	3391.26	-	48.87	0.00	3,342.39
MW - 10	03/23/04	3391.26	-	48.63	0.00	3,342.63
MW - 10	03/30/04	3391.26	48.69	48.70	0.01	3,342.57
MW - 10	04/12/04	3391.26	-	48.65	0.00	3,342.61
MW - 10	04/20/04	3391.26	-	48.08	0.00	3,343.18
MW - 10	05/03/04	3391.26	48.50	48.51	0.01	3,342.76
MW - 10	05/04/04	3391.26	-	48.51	0.00	3,342.75
MW - 10	06/09/04	3391.26	48.58	48.62	0.04	3,342.67
MW - 10	06/16/04	3391.26	48.59	48.61	0.02	3,342.67
MW - 10	06/23/04	3391.26	48.62	48.63	0.01	3,342.64
MW - 10	06/30/04	3391.26	48.57	48.58	0.01	3,342.69

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	07/13/04	3391.26	48.81	48.89	0.08	3,342.44
MW - 10	07/22/04	3391.26	48.93	49.10	0.17	3,342.30
MW - 10	08/23/04	3391.26	49.11	49.13	0.02	3,342.15
MW - 10	09/22/04	3391.26	sheen	49.25	0.00	3,342.01
MW - 10	09/29/04	3391.26	sheen	49.12	0.00	3,342.14
MW - 10	10/04/04	3391.26	sheen	48.45	0.00	3,342.81
MW - 10	10/11/04	3391.26	sheen	48.30	0.00	3,342.96
MW - 10	10/19/04	3391.26	sheen	48.35	0.00	3,342.91
MW - 10	10/25/04	3391.26	sheen	48.37	0.00	3,342.89
MW - 10	11/01/04	3391.26	sheen	48.58	0.00	3,342.68
MW - 10	11/09/04	3391.26	sheen	48.55	0.00	3,342.71
MW - 10	11/17/04	3391.26	sheen	48.89	0.00	3,342.37
MW - 10	11/22/04	3391.26	sheen	48.90	0.00	3,342.36
MW - 10	11/29/04	3391.26	48.02	48.19	0.17	3,343.21
MW - 10	12/04/04	3391.26	47.58	47.60	0.02	3,343.68
MW - 10	12/13/04	3391.26	sheen	47.34	0.00	3,343.92
MW - 10	12/20/04	3391.26	sheen	47.25	0.00	3,344.01
MW - 10	12/30/04	3391.26	sheen	46.96	0.00	3,344.30
MW - 10	01/03/05	3391.26	sheen	46.97	0.00	3,344.29
MW - 10	01/10/05	3391.26	sheen	47.17	0.00	3,344.09
MW - 10	01/17/05	3391.26	sheen	47.19	0.00	3,344.07
MW - 10	01/24/05	3391.26	sheen	47.22	0.00	3,344.04
MW - 10	01/31/05	3391.26	sheen	47.32	0.00	3,343.94
MW - 10	02/07/05	3391.26	sheen	47.26	0.00	3,344.00
MW - 10	02/14/05	3391.26	sheen	47.30	0.00	3,343.96
MW - 10	02/21/05	3391.26	sheen	47.31	0.00	3,343.95
MW - 10	02/28/05	3391.26	sheen	47.33	0.00	3,343.93
MW - 10	03/07/05	3391.26	-	47.17	0.00	3,344.09
MW - 10	03/07/05	3391.26	sheen	47.17	0.00	3,344.09
MW - 10	03/16/05	3391.26	sheen	47.00	0.00	3,344.26
MW - 10	03/21/05	3391.26	sheen	46.94	0.00	3,344.32
MW - 10	03/28/05	3391.26	sheen	47.07	0.00	3,344.19
MW - 10	04/04/05	3391.26	sheen	46.10	0.00	3,345.16
MW - 10	04/13/05	3391.26	sheen	46.13	0.00	3,345.13
MW - 10	04/18/05	3391.26	sheen	47.02	0.00	3,344.24
MW - 10	05/23/05	3391.26	sheen	47.30	0.00	3,343.96
MW - 10	06/07/05	3391.26	sheen	47.11	0.00	3,344.15
MW - 10	06/21/05	3391.26	sheen	47.27	0.00	3,343.99
MW - 10	07/26/05	3391.26	sheen	47.04	0.00	3,344.22
MW - 10	08/25/05	3391.26	sheen	47.14	0.00	3,344.12
MW - 10	09/07/05	3391.26	-	47.18	0.00	3,344.08
MW - 10	09/26/05	3391.26	sheen	47.25	0.00	3,344.01
MW - 10	11/14/05	3391.26	sheen	46.95	0.00	3,344.31
MW - 10	12/14/05	3391.26	-	46.52	0.00	3,344.74

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	01/01/00	3391.26	sheen	46.22	0.00	3,345.04
MW - 10	01/18/06	3391.26	sheen	46.33	0.00	3,344.93
MW - 10	02/15/06	3391.26	sheen	46.15	0.00	3,345.11
MW - 10	03/06/06	3391.26	sheen	46.27	0.00	3,344.99
MW - 10	03/20/06	3391.26	sheen	46.35	0.00	3,344.91
MW - 10	04/13/06	3391.26	sheen	46.13	0.00	3,345.13
MW - 10	04/19/06	3391.26	sheen	46.24	0.00	3,345.02
MW - 10	05/25/06	3391.26	sheen	45.98	0.00	3,345.28
MW - 10	06/05/06	3391.26	sheen	45.95	0.00	3,345.31
MW - 10	09/11/06	3391.26	sheen	46.49	0.00	3,344.77
MW - 10	10/31/06	3391.26	sheen	46.75	0.00	3,344.51
MW - 10	11/16/06	3391.26	sheen	46.58	0.00	3,344.68
MW - 10	11/21/06	3391.26	sheen	46.55	0.00	3,344.71
MW - 10	01/26/07	3391.26	sheen	46.45	0.00	3,344.81
MW - 10	01/31/07	3391.26	sheen	46.34	0.00	3,344.92
MW - 10	02/15/07	3391.26	-	46.39	0.00	3,344.87
MW - 10	02/20/07	3391.26	-	46.40	0.00	3,344.86
MW - 10	05/15/07	3391.26	sheen	46.61	0.00	3,344.65
MW - 10	08/09/07	3391.26	sheen	46.28	0.00	3,344.98
MW - 10	10/01/07	3391.26	sheen	46.58	0.00	3,344.68
MW - 10	10/12/07	3391.26	sheen	46.55	0.00	3,344.71
MW - 10	11/13/07	3391.26	sheen	46.62	0.00	3,344.64
MW - 10	02/14/08	3391.26	-	46.79	0.00	3,344.47
MW - 10	04/18/08	3391.26	-	45.88	0.00	3,345.38
MW - 10	05/16/08	3391.26	-	46.12	0.00	3,345.14
MW - 10	07/15/08	3391.26	-	46.56	0.00	3,344.70
MW - 10	07/16/08	3391.26	-	46.62	0.00	3,344.64
MW - 10	08/12/08	3391.26	-	46.65	0.00	3,344.61
MW - 10	08/19/08	3391.26	-	46.71	0.00	3,344.55
MW - 10	10/09/08	3391.26	-	46.90	0.00	3,344.36
MW - 10	10/23/08	3391.26	-	46.88	0.00	3,344.38
MW - 10	10/28/08	3391.26	-	46.84	0.00	3,344.42
MW - 10	11/19/08	3391.26	-	46.25	0.00	3,345.01
MW - 10	11/24/08	3391.26	-	47.10	0.00	3,344.16
MW - 10	12/17/08	3391.26	-	46.92	0.00	3,344.34
MW - 10	02/18/09	3391.26	-	46.17	0.00	3,345.09
MW - 10	03/03/09	3391.26	-	46.11	0.00	3,345.15
MW - 10	03/10/09	3391.26	-	46.29	0.00	3,344.97
MW - 10	03/18/09	3391.26	-	46.38	0.00	3,344.88
MW - 10	03/27/09	3391.26	-	46.44	0.00	3,344.82
MW - 10	04/07/09	3391.26	-	46.54	0.00	3,344.72
MW - 10	04/14/09	3391.26	-	45.59	0.00	3,345.67
MW - 10	04/28/09	3391.26	-	46.68	0.00	3,344.58
MW - 10	05/19/09	3391.26	-	46.78	0.00	3,344.48

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	05/27/09	3391.26	-	46.86	0.00	3,344.40
MW - 10	06/04/09	3391.26	-	46.87	0.00	3,344.39
MW - 10	06/12/09	3391.26	-	46.93	0.00	3,344.33
MW - 10	06/18/09	3391.26	-	46.96	0.00	3,344.30
MW - 10	06/30/09	3391.26	-	46.13	0.00	3,345.13
MW - 10	07/07/09	3391.26	-	47.02	0.00	3,344.24
MW - 10	07/14/09	3391.26	-	47.04	0.00	3,344.22
MW - 10	07/21/09	3391.26	-	47.05	0.00	3,344.21
MW - 10	07/28/09	3391.26	-	47.04	0.00	3,344.22
MW - 10	08/07/09	3391.26	-	47.05	0.00	3,344.21
MW - 10	08/13/09	3391.26	-	47.01	0.00	3,344.25
MW - 10	08/21/09	3391.26	-	47.04	0.00	3,344.22
MW - 10	08/27/09	3391.26	-	47.08	0.00	3,344.18
MW - 10	09/10/09	3391.26	-	47.06	0.00	3,344.20
MW - 10	09/18/09	3391.26	-	47.09	0.00	3,344.17
MW - 10	09/29/09	3391.26	-	47.05	0.00	3,344.21
MW - 10	10/06/09	3391.26	-	47.07	0.00	3,344.19
MW - 10	10/20/09	3391.26	-	47.10	0.00	3,344.16
MW - 10	10/27/09	3391.26	-	47.11	0.00	3,344.15
MW - 10	11/11/09	3391.26	-	47.11	0.00	3,344.15
MW - 10	11/13/09	3391.26	-	47.00	0.00	3,344.26
MW - 10	12/08/09	3391.26	-	46.95	0.00	3,344.31
MW - 10	12/22/09	3391.26	-	47.11	0.00	3,344.15
MW - 10	01/12/10	3391.26	-	47.13	0.00	3,344.13
MW - 10	01/22/10	3391.26	-	47.06	0.00	3,344.20
MW - 10	02/04/10	3391.26	-	47.13	0.00	3,344.13
MW - 10	03/03/10	3391.26	sheen	47.33	0.00	3,343.93
MW - 10	03/16/10	3391.26	sheen	47.42	0.00	3,343.84
MW - 10	04/15/10	3391.26	sheen	47.43	0.00	3,343.83
MW - 10	05/07/10	3391.26	sheen	47.41	0.00	3,343.85
MW - 10	05/28/10	3391.26	sheen	47.43	0.00	3,343.83
MW - 10	06/08/10	3391.26	sheen	47.38	0.00	3,343.88
MW - 10	06/25/10	3391.26	-	47.36	0.00	3,343.90
MW - 10	07/08/10	3391.26	sheen	47.35	0.00	3,343.91
MW - 10	07/28/10	3391.26	sheen	47.37	0.00	3,343.89
MW - 10	08/06/10	3391.26	-	47.41	0.00	3,343.85
MW - 10	08/31/10	3391.26	sheen	47.44	0.00	3,343.82
MW - 10	09/10/10	3391.26	sheen	47.49	0.00	3,343.77
MW - 10	09/24/10	3391.26	sheen	47.37	0.00	3,343.89
MW - 10	10/06/10	3391.26	sheen	47.35	0.00	3,343.91
MW - 10	10/26/10	3391.26	-	47.06	0.00	3,344.20
MW - 10	11/05/10	3391.26	-	47.45	0.00	3,343.81
MW - 10	12/17/10	3391.26	-	47.07	0.00	3,344.19
MW - 10	01/13/11	3391.26	-	47.43	0.00	3,343.83

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	02/11/11	3391.26	-	47.45	0.00	3,343.81
MW - 10	05/09/11	3391.26	-	47.47	0.00	3,343.79
MW - 10	05/20/11	3391.26	-	47.84	0.00	3,343.42
MW - 10	06/29/11	3391.26	-	47.93	0.00	3,343.33
MW - 10	07/05/11	3391.26	-	48.01	0.00	3,343.25
MW - 10	07/25/11	3391.26	-	48.11	0.00	3,343.15
MW - 10	08/05/11	3391.26	-	47.50	0.00	3,343.76
MW - 10	08/11/11	3391.26	-	48.24	0.00	3,343.02
MW - 10	08/24/11	3391.26	-	48.30	0.00	3,342.96
MW - 10	09/09/11	3391.26	-	48.34	0.00	3,342.92
MW - 10	09/23/11	3391.26	-	48.41	0.00	3,342.85
MW - 10	11/17/11	3391.26	-	48.44	0.00	3,342.82
MW - 10	01/30/12	3391.26	48.35	48.75	0.40	3,342.85
MW - 10	02/28/12	3391.26	48.05	48.70	0.65	3,343.11
MW - 10	03/15/12	3391.26	48.13	48.64	0.51	3,343.05
MW - 10	03/28/12	3391.26	48.15	48.48	0.33	3,343.06
MW - 10	04/05/12	3391.26	47.96	48.40	0.44	3,343.23
MW - 10	04/23/12	3391.26	47.94	48.60	0.66	3,343.22
MW - 10	05/03/12	3391.26	48.13	49.38	1.25	3,342.94
MW - 10	06/28/12	3391.26	48.21	49.84	1.63	3,342.81
MW - 10	08/24/12	3391.26	48.30	48.95	0.65	3,342.86
MW - 10	10/12/12	3391.26	48.22	50.05	1.83	3,342.77
MW - 10	10/24/12	3391.26	48.14	49.57	1.43	3,342.91
MW - 10	11/15/12	3391.26	48.14	49.76	1.62	3,342.88
MW - 10	12/20/12	3391.26	48.11	49.86	1.75	3,342.89
MW - 10	01/14/13	3391.26	47.97	49.60	1.63	3,343.05
MW - 10	02/14/13	3391.26	47.94	49.73	1.79	3,343.05
MW - 10	03/29/13	3391.26	47.89	49.61	1.72	3,343.11
MW - 10	04/19/13	3391.26	47.89	49.59	1.70	3,343.12
MW - 10	04/30/13	3391.26	47.86	49.39	1.53	3,343.17
MW - 10	05/23/13	3391.26	47.89	49.72	1.83	3,343.10
MW - 10	05/28/13	3391.26	47.98	49.38	1.40	3,343.07
MW - 10	05/30/13	3391.26	47.92	49.43	1.51	3,343.11
MW - 10	06/06/13	3391.26	48.01	49.72	1.71	3,342.99
MW - 10	06/13/13	3391.26	48.04	49.66	1.62	3,342.98
MW - 10	06/19/13	3391.26	48.03	49.54	1.51	3,343.00
MW - 10	07/30/13	3391.26	48.15	50.59	2.44	3,342.74
MW - 10	08/06/13	3391.26	48.17	50.49	2.32	3,342.74
MW - 10	08/09/13	3391.26	48.22	50.61	2.39	3,342.68
MW - 10	08/30/13	3391.26	48.27	50.63	2.36	3,342.64
MW - 10	09/12/13	3391.26	48.38	50.43	2.05	3,342.57
MW - 10	10/03/13	3391.26	48.38	50.43	2.05	3,342.57
MW - 10	11/01/13	3391.26	48.48	50.74	2.26	3,342.44
MW - 10	11/07/13	3391.26	48.60	50.18	1.58	3,342.42

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	12/10/13	3391.26	48.41	49.60	1.19	3,342.67
MW - 10	01/01/14	3391.26	48.43	49.91	1.48	3,342.61
MW - 10	01/16/14	3391.26	48.48	50.32	1.84	3,342.50
MW - 10	01/23/14	3391.26	48.48	50.52	2.04	3,342.47
MW - 10	01/28/14	3391.26	48.65	50.13	1.48	3,342.39
MW - 10	02/11/14	3391.26	48.67	49.72	1.05	3,342.43
MW - 10	03/05/14	3391.26	48.59	50.27	1.68	3,342.42
MW - 10	03/13/14	3391.26	48.55	50.35	1.80	3,342.44
MW - 10	03/29/14	3391.26	48.57	49.99	1.42	3,342.48
MW - 10	04/08/14	3391.26	48.67	49.89	1.22	3,342.41
MW - 10	04/17/14	3391.26	48.68	49.85	1.17	3,342.40
MW - 10	04/25/14	3391.26	48.60	49.49	0.89	3,342.53
MW - 10	05/01/14	3391.26	48.66	49.30	0.64	3,342.50
MW - 10	05/08/14	3391.26	48.62	49.37	0.75	3,342.53
MW - 10	05/14/14	3391.26	48.63	49.35	0.72	3,342.52
MW - 10	05/23/14	3391.26	48.70	49.48	0.78	3,342.44
MW - 10	05/27/14	3391.26	48.80	49.23	0.43	3,342.40
MW - 10	05/29/14	3391.26	48.81	49.23	0.42	3,342.39
MW - 10	06/11/14	3391.26	48.79	49.36	0.57	3,342.38
MW - 10	06/05/14	3391.26	48.74	49.36	0.62	3,342.43
MW - 10	06/18/14	3391.26	48.78	49.45	0.67	3,342.38
MW - 10	06/26/14	3391.26	48.81	49.38	0.57	3,342.36
MW - 10	07/01/14	3391.26	48.43	49.42	0.99	3,342.68
MW - 10	07/10/14	3391.26	48.93	49.63	0.70	3,342.23
MW - 10	07/17/14	3391.26	48.91	49.75	0.84	3,342.22
MW - 10	07/23/14	3391.26	49.07	49.65	0.58	3,342.10
MW - 10	07/31/14	3391.26	49.02	49.65	0.63	3,342.15
MW - 10	08/06/14	3391.26	49.02	49.49	0.47	3,342.17
MW - 10	08/12/14	3391.26	49.09	49.53	0.44	3,342.10
MW - 10	08/21/14	3391.26	49.05	49.68	0.63	3,342.12
MW - 10	09/04/14	3391.26	49.08	49.78	0.70	3,342.08
MW - 10	10/02/14	3391.26	48.94	49.78	0.84	3,342.19
MW - 10	10/08/14	3391.26	48.91	49.46	0.55	3,342.27
MW - 10	10/14/14	3391.26	48.93	49.43	0.50	3,342.26
MW - 10	10/17/14	3391.26	48.97	49.42	0.45	3,342.22
MW - 10	10/23/14	3391.26	48.91	49.40	0.49	3,342.28
MW - 10	10/24/14	3391.26	48.91	49.40	0.49	3,342.28
MW - 10	10/28/14	3391.26	48.90	49.27	0.37	3,342.30
MW - 10	11/07/14	3391.26	48.81	49.26	0.45	3,342.38
MW - 10	11/14/14	3391.26	48.83	49.23	0.40	3,342.37
MW - 10	11/15/14	3391.26	48.78	49.21	0.43	3,342.42
MW - 10	12/04/14	3391.26	48.14	49.22	1.08	3,342.96
MW - 10	12/11/14	3391.26	48.85	49.21	0.36	3,342.36
MW - 10	12/18/14	3391.26	48.59	49.44	0.85	3,342.54

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	12/23/14	3391.26	48.86	49.19	0.33	3,342.35
MW - 10	01/07/15	3391.26	48.70	49.35	0.65	3,342.46
MW - 10	01/15/15	3391.26	48.57	49.21	0.64	3,342.59
MW - 10	01/28/15	3391.26	48.42	49.22	0.80	3,342.72
MW - 10	02/04/15	3391.26	48.38	49.23	0.85	3,342.75
MW - 10	02/13/15	3391.26	48.37	49.19	0.82	3,342.77
MW - 10	02/16/15	3391.26	48.36	49.28	0.92	3,342.76
MW - 10	02/17/15	3391.26	48.39	49.30	0.91	3,342.73
MW - 10	02/24/15	3391.26	48.37	49.07	0.70	3,342.79
MW - 10	03/10/15	3391.26	48.31	49.09	0.78	3,342.83
MW - 10	03/17/15	3391.26	48.30	49.01	0.71	3,342.85
MW - 10	03/18/15	3391.26	48.25	48.94	0.69	3,342.91
MW - 10	03/25/15	3391.26	48.23	48.92	0.69	3,342.93
MW - 10	04/07/15	3391.26	48.22	48.91	0.69	3,342.94
MW - 10	04/08/15	3391.26	48.13	48.76	0.63	3,343.04
MW - 10	04/21/15	3391.26	-	48.26	0.00	3,343.00
MW - 10	04/28/15	3391.26	48.89	49.13	0.24	3,342.33
MW - 10	05/06/15	3391.26	48.20	48.32	0.12	3,343.04
MW - 10	05/20/15	3391.26	48.08	48.37	0.29	3,343.14
MW - 10	05/28/15	3391.26	48.04	48.34	0.30	3,343.18
MW - 10	06/02/15	3391.26	47.99	48.27	0.28	3,343.23
MW - 10	06/09/15	3391.26	47.93	48.24	0.31	3,343.28
MW - 10	06/18/15	3391.26	48.12	48.19	0.07	3,343.13
MW - 10	06/30/15	3391.26	48.24	48.27	0.03	3,343.02
MW - 10	07/06/15	3391.26	48.36	48.37	0.01	3,342.90
MW - 10	07/09/15	3391.26	48.27	48.30	0.03	3,342.99
MW - 10	07/21/15	3391.26	-	48.10	0.00	3,343.16
MW - 10	07/28/15	3391.26	48.07	48.08	0.01	3,343.19
MW - 10	08/06/15	3391.26	48.83	49.12	0.29	3,342.39
MW - 10	08/11/15	3391.26	48.10	48.13	0.03	3,343.16
MW - 10	08/18/15	3391.26	48.04	48.05	0.01	3,343.22
MW - 10	08/26/15	3391.26	48.18	48.30	0.12	3,343.06
MW - 10	09/11/15	3391.26	48.25	48.37	0.12	3,342.99
MW - 10	09/17/15	3391.26	48.28	48.42	0.14	3,342.96
MW - 10	09/25/15	3391.26	48.38	48.44	0.06	3,342.87
MW - 10	09/30/15	3391.26	48.36	48.51	0.15	3,342.88
MW - 10	10/06/15	3391.26	48.34	48.44	0.10	3,342.91
MW - 10	10/09/15	3391.26	48.50	48.58	0.08	3,342.75
MW - 10	10/13/15	3391.26	48.46	48.57	0.11	3,342.78
MW - 10	10/15/15	3391.26	48.72	48.83	0.11	3,342.52
MW - 10	10/21/15	3391.26	48.37	48.48	0.11	3,342.87
MW - 10	10/26/15	3391.26	48.36	48.49	0.13	3,342.88
MW - 10	11/09/15	3391.26	48.50	48.52	0.02	3,342.76
MW - 10	11/20/15	3391.26	48.32	48.33	0.01	3,342.94

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	11/25/15	3391.26	-	48.57	0.00	3,342.69
MW - 10	12/01/15	3391.26	-	48.52	0.00	3,342.74
MW - 10	12/09/15	3391.26	-	48.55	0.00	3,342.71
MW - 10	12/11/15	3391.26	48.21	48.33	0.12	3,343.03
MW - 10	12/15/15	3391.26	-	47.43	0.00	3,343.83
MW - 10	01/06/16	3391.26	-	48.24	0.00	3,343.02
MW - 10	01/11/16	3391.26	48.33	48.34	0.01	3,342.93
MW - 10	01/13/16	3391.26	-	48.20	0.00	3,343.06
MW - 10	01/28/16	3391.26	48.10	48.12	0.02	3,343.16
MW - 10	02/03/16	3391.26	47.94	47.95	0.01	3,343.32
MW - 10	02/10/16	3391.26	47.96	47.97	0.01	3,343.30
MW - 10	02/15/16	3391.26	47.79	47.80	0.01	3,343.47
MW - 10	02/17/16	3391.26	47.87	47.88	0.01	3,343.39
MW - 10	02/23/16	3391.26	47.81	47.82	0.01	3,343.45
MW - 10	03/08/16	3391.26	47.79	47.80	0.01	3,343.47
MW - 10	03/16/16	3391.26	47.74	47.75	0.01	3,343.52
MW - 10	03/18/16	3391.26	-	47.86	0.00	3,343.40
MW - 10	03/23/16	3391.26	47.69	47.70	0.01	3,343.57
MW - 10	03/29/16	3391.26	47.67	47.70	0.03	3,343.59
MW - 10	04/04/16	3391.26	47.90	47.91	0.01	3,343.36
MW - 10	04/08/16	3391.26	47.70	47.78	0.08	3,343.55
MW - 10	04/12/16	3391.26	47.75	47.76	0.01	3,343.51
MW - 10	05/03/16	3391.26	47.93	47.94	0.01	3,343.33
MW - 10	05/12/16	3391.26	-	47.73	0.00	3,343.53
MW - 10	05/26/16	3391.26	47.61	47.69	0.08	3,343.64
MW - 10	06/09/16	3391.26	47.78	47.95	0.17	3,343.45
MW - 10	07/01/16	3391.26	47.79	47.86	0.07	3,343.46
MW - 10	07/20/16	3391.26	-	47.97	0.00	3,343.29
MW - 10	07/28/16	3391.26	47.90	47.91	0.01	3,343.36
MW - 10	08/04/16	3391.26	-	47.77	0.00	3,343.49
MW - 10	08/10/16	3391.26	47.84	47.86	0.02	3,343.42
MW - 10	08/16/16	3391.26	47.89	47.91	0.02	3,343.37
MW - 10	08/23/16	3391.26	47.89	47.90	0.01	3,343.37
MW - 10	09/12/16	3391.26	47.82	48.02	0.20	3,343.41
MW - 10	09/23/16	3391.26	47.81	48.01	0.20	3,343.42
MW - 10	09/28/16	3391.26	47.82	48.13	0.31	3,343.39
MW - 10	10/12/16	3391.26	47.77	47.97	0.20	3,343.46
MW - 10	10/17/16	3391.26	47.66	47.94	0.28	3,343.56
MW - 10	11/02/16	3391.26	47.71	48.00	0.29	3,343.51
MW - 10	11/09/16	3391.26	47.71	48.01	0.30	3,343.51
MW - 10	11/29/16	3391.26	47.72	47.84	0.12	3,343.52
MW - 10	12/16/16	3391.26	47.60	47.61	0.01	3,343.66
MW - 10	01/26/17	3391.26	47.49	47.50	0.01	3,343.77
MW - 10	02/27/17	3391.26	47.41	47.51	0.10	3,343.84

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	03/30/17	3391.26	47.36	47.43	0.07	3,343.89
MW - 10	04/04/17	3391.26	47.34	47.41	0.07	3,343.91
MW - 10	04/21/17	3391.26	47.23	47.26	0.03	3,344.03
MW - 10	05/18/17	3391.26	47.27	47.30	0.03	3,343.99
MW - 10	07/20/17	3391.26	47.20	47.25	0.05	3,344.05
MW - 10	08/29/17	3391.26	47.10	47.12	0.02	3,344.16
MW - 10	10/13/17	3391.26	47.06	47.09	0.03	3,344.20
MW - 10	10/20/17	3391.26	47.06	47.09	0.03	3,344.20
MW - 10	11/07/17	3391.26	47.08	47.10	0.02	3,344.18
MW - 10	01/31/18	3391.26	-	46.86	0.00	3,344.40
MW - 10	02/22/18	3391.26	46.86	46.91	0.05	3,344.39
MW - 10	03/15/18	3391.26	46.80	46.84	0.04	3,344.45
MW - 10	03/23/18	3391.26	46.83	46.88	0.05	3,344.42
MW - 10	04/11/18	3391.26	-	46.81	0.00	3,344.45
MW - 10	04/20/18	3391.26	-	46.81	0.00	3,344.45
MW - 10	05/23/18	3391.26	-	46.78	0.00	3,344.48
MW - 10	06/27/18	3391.26	46.88	46.90	0.02	3,344.38
MW - 10	07/31/18	3391.26	47.04	47.05	0.01	3,344.22
MW - 10	08/14/18	3391.26	-	46.98	0.00	3,344.28
MW - 10	08/29/18	3391.26	47.08	47.10	0.02	3,344.18
MW - 10	09/07/18	3391.26	47.09	47.10	0.01	3,344.17
MW - 10	09/19/18	3391.26	47.05	47.08	0.03	3,344.21
MW - 10	09/28/18	3391.26	-	47.17	0.00	3,344.09
MW - 10	10/04/18	3391.26	-	47.29	0.00	3,343.97
MW - 10	10/17/18	3391.26	-	47.17	0.00	3,344.09
MW - 10	11/09/18	3391.26	-	47.22	0.00	3,344.04
MW - 10	11/15/18	3391.26	-	47.11	0.00	3,344.15
MW - 10	11/29/18	3391.26	-	46.96	0.00	3,344.30
MW - 10	12/03/18	3391.26	-	47.09	0.00	3,344.17
MW - 10	12/13/18	3391.26	-	47.08	0.00	3,344.18
MW - 10	12/21/18	3391.26	-	47.05	0.00	3,344.21
MW - 10	12/28/18	3391.26	-	47.03	0.00	3,344.23
MW - 10	01/03/19	3391.26	-	47.02	0.00	3,344.24
MW - 10	01/07/19	3391.26	-	46.93	0.00	3,344.33
MW - 10	01/16/19	3391.26	-	46.88	0.00	3,344.38
MW - 10	01/21/19	3391.26	-	46.78	0.00	3,344.48
MW - 10	01/28/19	3391.26	-	46.95	0.00	3,344.31
MW - 10	02/08/19	3391.26	-	47.10	0.00	3,344.16
MW - 10	02/13/19	3391.26	-	46.91	0.00	3,344.35
MW - 10	02/19/19	3391.26	-	46.80	0.00	3,344.46
MW - 10	03/01/19	3391.26	-	46.86	0.00	3,344.40
MW - 10	03/05/19	3391.26	-	46.89	0.00	3,344.37
MW - 10	03/20/19	3391.26	-	46.94	0.00	3,344.32
MW - 10	03/27/19	3391.26	-	46.92	0.00	3,344.34

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	04/04/19	3391.26	-	46.85	0.00	3,344.41
MW - 10	04/09/19	3391.26	-	46.78	0.00	3,344.48
MW - 10	04/16/19	3391.26	-	46.79	0.00	3,344.47
MW - 10	04/23/19	3391.26	-	46.84	0.00	3,344.42
MW - 10	05/03/19	3391.26	-	46.73	0.00	3,344.53
MW - 10	05/10/19	3391.26	-	46.83	0.00	3,344.43
MW - 10	05/23/19	3391.26	-	46.70	0.00	3,344.56
MW - 10	06/11/19	3391.26	-	46.69	0.00	3,344.57
MW - 10	06/20/19	3391.26	-	46.66	0.00	3,344.60
MW - 10	06/25/19	3391.26	-	46.69	0.00	3,344.57
MW - 10	07/03/19	3391.26	-	46.67	0.00	3,344.59
MW - 10	07/15/19	3391.26	-	47.64	0.00	3,343.62
MW - 10	07/31/19	3391.26	-	46.66	0.00	3,344.60
MW - 10	08/07/19	3391.26	-	46.65	0.00	3,344.61
MW - 10	08/15/19	3391.26	-	46.64	0.00	3,344.62
MW - 10	08/23/19	3391.26	-	46.62	0.00	3,344.64
MW - 10	09/06/19	3391.26	-	46.62	0.00	3,344.64
MW - 10	09/10/19	3391.26	-	46.61	0.00	3,344.65
MW - 10	09/18/19	3391.26	-	46.59	0.00	3,344.67
MW - 10	10/18/19	3391.26	-	46.48	0.00	3,344.78
MW - 10	11/01/19	3391.26	-	46.55	0.00	3,344.71
MW - 10	11/13/19	3391.26	-	46.40	0.00	3,344.86
MW - 10	11/25/19	3391.26	-	46.44	0.00	3,344.82
MW - 10	12/05/19	3391.26	-	46.49	0.00	3,344.77
MW - 10	12/12/19	3391.26	-	46.42	0.00	3,344.84
MW - 10	12/19/19	3391.26	-	46.45	0.00	3,344.81
MW - 10	01/16/20	3391.26	-	46.47	0.00	3,344.79
MW - 10	01/24/20	3391.26	-	46.43	0.00	3,344.83
MW - 10	02/06/20	3391.26	-	46.36	0.00	3,344.90
MW - 10	02/14/20	3391.26	-	46.42	0.00	3,344.84
MW - 10	02/21/20	3391.26	-	46.45	0.00	3,344.81
MW - 10	02/25/20	3391.26	-	46.43	0.00	3,344.83
MW - 10	05/28/20	3391.26	-	46.33	0.00	3,344.93
MW - 10	06/15/20	3391.26	-	46.27	0.00	3,344.99
MW - 10	07/02/20	3391.26	-	46.34	0.00	3,344.92
MW - 10	07/29/20	3391.26	-	46.44	0.00	3,344.82
MW - 10	08/20/20	3391.26	-	46.50	0.00	3,344.76
MW - 10	08/27/20	3391.26	-	46.52	0.00	3,344.74
MW - 10	09/10/20	3391.26	-	46.62	0.00	3,344.64
MW - 10	10/21/20	3391.26	-	46.54	0.00	3,344.72
MW - 10	11/02/20	3391.26	-	46.54	0.00	3,344.72
MW - 10	12/01/20	3391.26	-	46.36	0.00	3,344.90
MW - 10	12/07/20	3391.26	-	46.45	0.00	3,344.81

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	12/04/04	3390.73	-	47.14	0.00	3,343.59
MW - 11	12/10/04	3390.73	-	46.84	0.00	3,343.89
MW - 11	03/07/05	3390.73	-	46.95	0.00	3,343.78
MW - 11	06/07/05	3390.73	-	46.62	0.00	3,344.11
MW - 11	09/07/05	3390.73	46.65	46.66	0.01	3,344.08
MW - 11	09/26/05	3390.73	sheen	46.78	0.00	3,343.95
MW - 11	12/14/05	3390.73	-	46.00	0.00	3,344.73
MW - 11	03/06/06	3390.73	-	45.83	0.00	3,344.90
MW - 11	04/13/06	3390.73	-	45.72	0.00	3,345.01
MW - 11	06/05/06	3390.73	-	45.01	0.00	3,345.72
MW - 11	09/11/06	3390.73	-	46.07	0.00	3,344.66
MW - 11	11/21/06	3390.73	-	46.08	0.00	3,344.65
MW - 11	02/20/07	3390.73	-	45.93	0.00	3,344.80
MW - 11	05/15/07	3390.73	-	46.11	0.00	3,344.62
MW - 11	08/09/07	3390.73	-	45.82	0.00	3,344.91
MW - 11	11/13/07	3390.73	-	46.06	0.00	3,344.67
MW - 11	02/14/08	3390.73	-	46.23	0.00	3,344.50
MW - 11	05/16/08	3390.73	-	45.71	0.00	3,345.02
MW - 11	08/19/08	3390.73	-	46.24	0.00	3,344.49
MW - 11	11/20/08	3390.73	-	46.28	0.00	3,344.45
MW - 11	02/18/09	3390.73	-	45.46	0.00	3,345.27
MW - 11	05/19/09	3390.73	-	46.34	0.00	3,344.39
MW - 11	08/13/09	3390.73	-	46.54	0.00	3,344.19
MW - 11	11/11/09	3390.73	-	46.58	0.00	3,344.15
MW - 11	01/12/10	3390.73	-	46.56	0.00	3,344.17
MW - 11	02/04/10	3390.73	-	46.69	0.00	3,344.04
MW - 11	05/07/10	3390.73	-	46.66	0.00	3,344.07
MW - 11	08/06/10	3390.73	-	46.66	0.00	3,344.07
MW - 11	11/05/10	3390.73	-	46.67	0.00	3,344.06
MW - 11	02/11/11	3390.73	-	46.75	0.00	3,343.98
MW - 11	05/09/11	3390.73	-	46.75	0.00	3,343.98
MW - 11	08/05/11	3390.73	-	46.73	0.00	3,344.00
MW - 11	11/17/11	3390.73	-	47.98	0.00	3,342.75
MW - 11	02/28/12	3390.73	-	47.69	0.00	3,343.04
MW - 11	05/03/12	3390.73	-	47.70	0.00	3,343.03
MW - 11	08/24/12	3390.73	-	48.01	0.00	3,342.72
MW - 11	11/15/12	3390.73	-	47.91	0.00	3,342.82
MW - 11	02/14/13	3390.73	-	47.75	0.00	3,342.98
MW - 11	05/28/13	3390.73	-	47.73	0.00	3,343.00
MW - 11	08/06/13	3390.73	-	48.09	0.00	3,342.64
MW - 11	11/07/13	3390.73	-	48.41	0.00	3,342.32
MW - 11	03/05/14	3390.73	-	48.40	0.00	3,342.33
MW - 11	05/29/14	3390.73	-	48.42	0.00	3,342.31
MW - 11	07/23/14	3390.73	-	48.68	0.00	3,342.05

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	08/12/14	3390.73	-	48.73	0.00	3,342.00
MW - 11	10/28/14	3390.73	-	48.51	0.00	3,342.22
MW - 11	11/15/14	3390.73	-	48.38	0.00	3,342.35
MW - 11	02/16/15	3390.73	-	48.02	0.00	3,342.71
MW - 11	03/18/15	3390.73	-	47.89	0.00	3,342.84
MW - 11	04/08/15	3390.73	-	47.77	0.00	3,342.96
MW - 11	05/28/15	3390.73	-	47.53	0.00	3,343.20
MW - 11	07/09/15	3390.73	-	47.53	0.00	3,343.20
MW - 11	08/26/15	3390.73	-	47.72	0.00	3,343.01
MW - 11	09/11/15	3390.73	-	47.82	0.00	3,342.91
MW - 11	09/25/15	3390.73	-	47.92	0.00	3,342.81
MW - 11	10/09/15	3390.73	-	47.97	0.00	3,342.76
MW - 11	10/15/15	3390.73	-	47.91	0.00	3,342.82
MW - 11	11/20/15	3390.73	-	47.88	0.00	3,342.85
MW - 11	12/11/15	3390.73	-	47.72	0.00	3,343.01
MW - 11	01/13/16	3390.73	-	47.52	0.00	3,343.21
MW - 11	02/17/16	3390.73	-	47.32	0.00	3,343.41
MW - 11	03/18/16	3390.73	-	47.26	0.00	3,343.47
MW - 11	04/08/16	3390.73	-	47.22	0.00	3,343.51
MW - 11	04/12/16	3390.73	-	47.28	0.00	3,343.45
MW - 11	05/03/16	3390.73	-	47.18	0.00	3,343.55
MW - 11	05/26/16	3390.73	-	47.16	0.00	3,343.57
MW - 11	06/09/16	3390.73	-	47.25	0.00	3,343.48
MW - 11	07/01/16	3390.73	-	47.23	0.00	3,343.50
MW - 11	07/20/16	3390.73	-	47.33	0.00	3,343.40
MW - 11	08/04/16	3390.73	-	47.34	0.00	3,343.39
MW - 11	09/28/16	3390.73	-	47.42	0.00	3,343.31
MW - 11	11/29/16	3390.73	-	47.14	0.00	3,343.59
MW - 11	12/16/16	3390.73	-	47.04	0.00	3,343.69
MW - 11	01/26/17	3390.73	-	47.02	0.00	3,343.71
MW - 11	02/27/17	3390.73	-	46.87	0.00	3,343.86
MW - 11	03/30/17	3390.73	-	46.82	0.00	3,343.91
MW - 11	04/21/17	3390.73	-	47.76	0.00	3,342.97
MW - 11	05/18/17	3390.73	-	46.73	0.00	3,344.00
MW - 11	07/20/17	3390.73	-	46.72	0.00	3,344.01
MW - 11	08/29/17	3390.73	-	46.63	0.00	3,344.10
MW - 11	10/13/17	3390.73	-	47.53	0.00	3,343.20
MW - 11	10/20/17	3390.73	-	47.53	0.00	3,343.20
MW - 11	11/07/17	3390.73	-	46.54	0.00	3,344.19
MW - 11	01/31/18	3390.73	-	46.35	0.00	3,344.38
MW - 11	02/22/18	3390.73	-	46.41	0.00	3,344.32
MW - 11	03/15/18	3390.73	-	46.36	0.00	3,344.37
MW - 11	04/20/18	3390.73	-	46.36	0.00	3,344.37
MW - 11	05/23/18	3390.73	-	46.36	0.00	3,344.37

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	06/27/18	3390.73	-	46.46	0.00	3,344.27
MW - 11	07/31/18	3390.73	-	46.59	0.00	3,344.14
MW - 11	08/29/18	3390.73	-	46.65	0.00	3,344.08
MW - 11	09/28/18	3390.73	-	46.65	0.00	3,344.08
MW - 11	11/29/18	3390.73	-	46.50	0.00	3,344.23
MW - 11	12/13/18	3390.73	-	46.54	0.00	3,344.19
MW - 11	01/03/19	3390.73	-	46.44	0.00	3,344.29
MW - 11	03/05/19	3390.73	-	46.43	0.00	3,344.30
MW - 11	03/20/19	3390.73	-	46.38	0.00	3,344.35
MW - 11	04/04/19	3390.73	-	46.31	0.00	3,344.42
MW - 11	06/11/19	3390.73	-	46.24	0.00	3,344.49
MW - 11	07/15/19	3390.73	-	46.19	0.00	3,344.54
MW - 11	08/15/19	3390.73	-	46.18	0.00	3,344.55
MW - 11	11/25/19	3390.73	-	45.94	0.00	3,344.79
MW - 11	12/12/19	3390.73	-	45.98	0.00	3,344.75
MW - 11	01/24/20	3390.73	-	45.96	0.00	3,344.77
MW - 11	02/25/20	3390.73	-	46.00	0.00	3,344.73
MW - 11	05/28/20	3390.73	-	45.85	0.00	3,344.88
MW - 11	06/15/20	3390.73	-	45.85	0.00	3,344.88
MW - 11	08/27/20	3390.73	-	45.99	0.00	3,344.74
MW - 11	09/10/20	3390.73	-	46.10	0.00	3,344.63
MW - 11	10/21/20	3390.73	-	46.07	0.00	3,344.66
MW - 11	12/01/20	3390.73	-	45.94	0.00	3,344.79
MW - 12	03/05/14	3391.57	-	49.06	0.00	3,342.51
MW - 12	04/17/14	3391.57	-	49.06	0.00	3,342.51
MW - 12	04/25/14	3391.57	-	48.97	0.00	3,342.60
MW - 12	05/01/14	3391.57	-	48.98	0.00	3,342.59
MW - 12	05/08/14	3391.57	-	48.97	0.00	3,342.60
MW - 12	05/14/14	3391.57	-	48.96	0.00	3,342.61
MW - 12	05/23/14	3391.57	-	49.09	0.00	3,342.48
MW - 12	05/27/14	3391.57	-	49.04	0.00	3,342.53
MW - 12	05/29/14	3391.57	-	49.03	0.00	3,342.54
MW - 12	06/11/14	3391.57	-	49.09	0.00	3,342.48
MW - 12	06/05/14	3391.57	-	49.08	0.00	3,342.49
MW - 12	06/18/14	3391.57	-	49.02	0.00	3,342.55
MW - 12	06/26/14	3391.57	-	49.16	0.00	3,342.41
MW - 12	07/01/14	3391.57	-	49.23	0.00	3,342.34
MW - 12	07/10/14	3391.57	-	49.28	0.00	3,342.29
MW - 12	07/17/14	3391.57	-	49.29	0.00	3,342.28
MW - 12	07/23/14	3391.57	-	49.32	0.00	3,342.25
MW - 12	07/31/14	3391.57	-	49.38	0.00	3,342.19
MW - 12	08/06/14	3391.57	-	49.34	0.00	3,342.23
MW - 12	08/12/14	3391.57	-	49.38	0.00	3,342.19

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 12	08/21/14	3391.57	-	49.38	0.00	3,342.19
MW - 12	09/04/14	3391.57	-	49.39	0.00	3,342.18
MW - 12	10/02/14	3391.57	-	49.31	0.00	3,342.26
MW - 12	10/08/14	3391.57	-	49.23	0.00	3,342.34
MW - 12	10/14/14	3391.57	-	49.25	0.00	3,342.32
MW - 12	10/17/14	3391.57	-	49.22	0.00	3,342.35
MW - 12	10/23/14	3391.57	-	49.20	0.00	3,342.37
MW - 12	10/28/14	3391.57	-	49.17	0.00	3,342.40
MW - 12	11/07/14	3391.57	-	49.04	0.00	3,342.53
MW - 12	11/14/14	3391.57	-	49.10	0.00	3,342.47
MW - 12	11/15/14	3391.57	-	49.06	0.00	3,342.51
MW - 12	12/04/14	3391.57	-	48.97	0.00	3,342.60
MW - 12	12/11/14	3391.57	-	48.95	0.00	3,342.62
MW - 12	12/18/14	3391.57	-	48.95	0.00	3,342.62
MW - 12	12/23/14	3391.57	-	48.93	0.00	3,342.64
MW - 12	01/07/15	3391.57	-	48.99	0.00	3,342.58
MW - 12	01/15/15	3391.57	-	48.85	0.00	3,342.72
MW - 12	01/28/15	3391.57	-	48.73	0.00	3,342.84
MW - 12	02/04/15	3391.57	-	48.70	0.00	3,342.87
MW - 12	02/13/15	3391.57	-	48.72	0.00	3,342.85
MW - 12	02/16/15	3391.57	-	48.71	0.00	3,342.86
MW - 12	02/17/15	3391.57	-	48.75	0.00	3,342.82
MW - 12	02/24/15	3391.57	-	48.68	0.00	3,342.89
MW - 12	03/10/15	3391.57	-	48.62	0.00	3,342.95
MW - 12	03/17/15	3391.57	-	48.61	0.00	3,342.96
MW - 12	03/18/15	3391.57	-	48.57	0.00	3,343.00
MW - 12	03/25/15	3391.57	-	48.54	0.00	3,343.03
MW - 12	04/07/15	3391.57	-	48.54	0.00	3,343.03
MW - 12	04/08/15	3391.57	-	48.44	0.00	3,343.13
MW - 12	04/21/15	3391.57	-	48.45	0.00	3,343.12
MW - 12	04/28/15	3391.57	-	48.91	0.00	3,342.66
MW - 12	05/06/15	3391.57	-	48.33	0.00	3,343.24
MW - 12	05/20/15	3391.57	-	48.32	0.00	3,343.25
MW - 12	05/28/15	3391.57	-	48.21	0.00	3,343.36
MW - 12	06/09/15	3391.57	-	48.21	0.00	3,343.36
MW - 12	06/18/15	3391.57	-	48.21	0.00	3,343.36
MW - 12	06/30/15	3391.57	-	48.29	0.00	3,343.28
MW - 12	07/06/15	3391.57	-	48.25	0.00	3,343.32
MW - 12	07/09/15	3391.57	-	48.26	0.00	3,343.31
MW - 12	07/28/15	3391.57	-	48.26	0.00	3,343.31
MW - 12	08/06/15	3391.57	-	48.91	0.00	3,342.66
MW - 12	08/26/15	3391.57	-	48.41	0.00	3,343.16
MW - 12	09/09/15	3391.57	-	48.53	0.00	3,343.04
MW - 12	09/11/15	3391.57	-	48.53	0.00	3,343.04

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 12	09/17/15	3391.57	-	48.53	0.00	3,343.04
MW - 12	09/25/15	3391.57	-	48.60	0.00	3,342.97
MW - 12	09/30/15	3391.57	-	48.51	0.00	3,343.06
MW - 12	10/09/15	3391.57	-	48.65	0.00	3,342.92
MW - 12	10/13/15	3391.57	-	48.58	0.00	3,342.99
MW - 12	10/15/15	3391.57	-	48.58	0.00	3,342.99
MW - 12	10/21/15	3391.57	-	48.60	0.00	3,342.97
MW - 12	10/26/15	3391.57	-	48.62	0.00	3,342.95
MW - 12	11/09/15	3391.57	-	48.61	0.00	3,342.96
MW - 12	11/20/15	3391.57	-	48.54	0.00	3,343.03
MW - 12	11/25/15	3391.57	-	48.52	0.00	3,343.05
MW - 12	12/01/15	3391.57	-	48.52	0.00	3,343.05
MW - 12	12/09/15	3391.57	-	48.53	0.00	3,343.04
MW - 12	12/11/15	3391.57	-	48.40	0.00	3,343.17
MW - 12	12/15/15	3391.57	-	48.35	0.00	3,343.22
MW - 12	01/06/16	3391.57	-	48.29	0.00	3,343.28
MW - 12	01/11/16	3391.57	-	48.28	0.00	3,343.29
MW - 12	01/13/16	3391.57	-	48.08	0.00	3,343.49
MW - 12	01/28/16	3391.57	-	48.17	0.00	3,343.40
MW - 12	02/03/16	3391.57	-	48.17	0.00	3,343.40
MW - 12	02/10/16	3391.57	-	48.08	0.00	3,343.49
MW - 12	02/15/16	3391.57	-	48.04	0.00	3,343.53
MW - 12	02/17/16	3391.57	-	48.01	0.00	3,343.56
MW - 12	02/23/16	3391.57	-	48.07	0.00	3,343.50
MW - 12	03/08/16	3391.57	-	47.92	0.00	3,343.65
MW - 12	03/16/16	3391.57	-	47.90	0.00	3,343.67
MW - 12	03/18/16	3391.57	-	47.99	0.00	3,343.58
MW - 12	03/23/16	3391.57	-	47.88	0.00	3,343.69
MW - 12	03/29/16	3391.57	-	47.86	0.00	3,343.71
MW - 12	04/04/16	3391.57	-	47.94	0.00	3,343.63
MW - 12	04/08/16	3391.57	-	47.91	0.00	3,343.66
MW - 12	04/12/16	3391.57	-	47.96	0.00	3,343.61
MW - 12	04/21/16	3391.57	-	47.96	0.00	3,343.61
MW - 12	05/03/16	3391.57	-	48.18	0.00	3,343.39
MW - 12	05/12/16	3391.57	-	47.95	0.00	3,343.62
MW - 12	05/26/16	3391.57	-	47.84	0.00	3,343.73
MW - 12	06/09/16	3391.57	-	47.96	0.00	3,343.61
MW - 12	07/01/16	3391.57	-	47.94	0.00	3,343.63
MW - 12	07/20/16	3391.57	-	48.05	0.00	3,343.52
MW - 12	07/28/16	3391.57	-	47.99	0.00	3,343.58
MW - 12	08/04/16	3391.57	-	48.03	0.00	3,343.54
MW - 12	08/10/16	3391.57	-	48.02	0.00	3,343.55
MW - 12	08/16/16	3391.57	-	48.07	0.00	3,343.50

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 12	08/23/16	3391.57	-	48.06	0.00	3,343.51
MW - 12	09/12/16	3391.57	-	48.09	0.00	3,343.48
MW - 12	09/23/16	3391.57	-	48.10	0.00	3,343.47
MW - 12	09/28/16	3391.57	-	48.10	0.00	3,343.47
MW - 12	10/12/16	3391.57	-	48.06	0.00	3,343.51
MW - 12	10/17/16	3391.57	-	47.97	0.00	3,343.60
MW - 12	11/02/16	3391.57	-	48.01	0.00	3,343.56
MW - 12	11/09/16	3391.57	-	48.02	0.00	3,343.55
MW - 12	11/29/16	3391.57	-	47.82	0.00	3,343.75
MW - 12	12/16/16	3391.57	-	47.71	0.00	3,343.86
MW - 12	12/21/16	3391.57	-	47.80	0.00	3,343.77
MW - 12	01/06/17	3391.57	-	47.75	0.00	3,343.82
MW - 12	01/13/17	3391.57	-	47.69	0.00	3,343.88
MW - 12	01/20/17	3391.57	-	47.63	0.00	3,343.94
MW - 12	01/26/17	3391.57	-	47.73	0.00	3,343.84
MW - 12	02/03/17	3391.57	-	47.69	0.00	3,343.88
MW - 12	02/07/17	3391.57	-	47.68	0.00	3,343.89
MW - 12	02/16/17	3391.57	-	47.58	0.00	3,343.99
MW - 12	02/20/17	3391.57	-	47.65	0.00	3,343.92
MW - 12	02/27/17	3391.57	-	47.56	0.00	3,344.01
MW - 12	03/14/17	3391.57	-	47.55	0.00	3,344.02
MW - 12	03/21/17	3391.57	-	47.55	0.00	3,344.02
MW - 12	03/30/17	3391.57	-	47.51	0.00	3,344.06
MW - 12	04/04/17	3391.57	-	47.49	0.00	3,344.08
MW - 12	04/10/17	3391.57	-	47.51	0.00	3,344.06
MW - 12	04/21/17	3391.57	-	47.46	0.00	3,344.11
MW - 12	04/25/17	3391.57	-	47.40	0.00	3,344.17
MW - 12	05/01/17	3391.57	-	47.47	0.00	3,344.10
MW - 12	05/09/17	3391.57	-	47.46	0.00	3,344.11
MW - 12	05/15/17	3391.57	-	47.43	0.00	3,344.14
MW - 12	05/18/17	3391.57	-	47.43	0.00	3,344.14
MW - 12	05/22/17	3391.57	-	47.42	0.00	3,344.15
MW - 12	06/05/17	3391.57	-	47.43	0.00	3,344.14
MW - 12	06/14/17	3391.57	-	47.42	0.00	3,344.15
MW - 12	06/20/17	3391.57	-	47.42	0.00	3,344.15
MW - 12	06/27/17	3391.57	-	47.36	0.00	3,344.21
MW - 12	07/03/17	3391.57	-	47.39	0.00	3,344.18
MW - 12	07/11/17	3391.57	-	47.37	0.00	3,344.20
MW - 12	07/20/17	3391.57	-	47.41	0.00	3,344.16
MW - 12	07/24/17	3391.57	-	47.41	0.00	3,344.16
MW - 12	08/03/17	3391.57	-	47.40	0.00	3,344.17
MW - 12	08/08/17	3391.57	-	47.38	0.00	3,344.19
MW - 12	08/17/17	3391.57	-	47.38	0.00	3,344.19

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 12	08/21/17	3391.57	-	47.37	0.00	3,344.20
MW - 12	08/29/17	3391.57	-	47.33	0.00	3,344.24
MW - 12	09/05/17	3391.57	-	47.33	0.00	3,344.24
MW - 12	09/12/17	3391.57	-	47.26	0.00	3,344.31
MW - 12	09/18/17	3391.57	-	47.27	0.00	3,344.30
MW - 12	10/06/17	3391.57	-	47.25	0.00	3,344.32
MW - 12	10/13/17	3391.57	-	47.23	0.00	3,344.34
MW - 12	10/18/17	3391.57	-	47.23	0.00	3,344.34
MW - 12	10/20/17	3391.57	-	47.23	0.00	3,344.34
MW - 12	10/26/17	3391.57	-	47.19	0.00	3,344.38
MW - 12	10/31/17	3391.57	-	47.18	0.00	3,344.39
MW - 12	11/07/17	3391.57	-	47.24	0.00	3,344.33
MW - 12	11/17/17	3391.57	-	47.16	0.00	3,344.41
MW - 12	12/01/17	3391.57	-	47.16	0.00	3,344.41
MW - 12	12/07/17	3391.57	-	47.19	0.00	3,344.38
MW - 12	12/12/17	3391.57	-	47.23	0.00	3,344.34
MW - 12	12/18/17	3391.57	-	47.14	0.00	3,344.43
MW - 12	01/05/18	3391.57	-	47.15	0.00	3,344.42
MW - 12	01/19/18	3391.57	-	47.12	0.00	3,344.45
MW - 12	01/23/18	3391.57	-	47.13	0.00	3,344.44
MW - 12	01/31/18	3391.57	-	47.04	0.00	3,344.53
MW - 12	02/09/18	3391.57	-	47.07	0.00	3,344.50
MW - 12	02/16/18	3391.57	-	47.17	0.00	3,344.40
MW - 12	02/22/18	3391.57	-	47.09	0.00	3,344.48
MW - 12	03/01/18	3391.57	-	47.17	0.00	3,344.40
MW - 12	03/15/18	3391.57	-	47.05	0.00	3,344.52
MW - 12	03/23/18	3391.57	-	47.08	0.00	3,344.49
MW - 12	03/30/18	3391.57	-	47.09	0.00	3,344.48
MW - 12	04/04/18	3391.57	-	47.16	0.00	3,344.41
MW - 12	04/11/18	3391.57	-	47.03	0.00	3,344.54
MW - 12	04/20/18	3391.57	-	47.05	0.00	3,344.52
MW - 12	04/25/18	3391.57	-	47.08	0.00	3,344.49
MW - 12	05/02/18	3391.57	-	47.01	0.00	3,344.56
MW - 12	05/23/18	3391.57	-	47.05	0.00	3,344.52
MW - 12	05/31/18	3391.57	-	47.05	0.00	3,344.52
MW - 12	06/15/18	3391.57	-	47.09	0.00	3,344.48
MW - 12	06/20/18	3391.57	-	47.10	0.00	3,344.47
MW - 12	06/27/18	3391.57	-	47.15	0.00	3,344.42
MW - 12	07/05/18	3391.57	-	47.19	0.00	3,344.38
MW - 12	07/09/18	3391.57	-	47.21	0.00	3,344.36
MW - 12	07/26/18	3391.57	-	47.22	0.00	3,344.35
MW - 12	07/31/18	3391.57	-	47.29	0.00	3,344.28
MW - 12	08/29/18	3391.57	-	47.34	0.00	3,344.23

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 12	09/19/18	3391.57	-	47.31	0.00	3,344.26
MW - 12	09/28/18	3391.57	-	47.32	0.00	3,344.25
MW - 12	10/17/18	3391.57	-	47.43	0.00	3,344.14
MW - 12	11/29/18	3391.57	-	47.22	0.00	3,344.35
MW - 12	12/03/18	3391.57	-	47.25	0.00	3,344.32
MW - 12	12/13/18	3391.57	-	47.24	0.00	3,344.33
MW - 12	12/21/18	3391.57	-	47.11	0.00	3,344.46
MW - 12	12/28/18	3391.57	-	47.18	0.00	3,344.39
MW - 12	01/03/19	3391.57	-	47.13	0.00	3,344.44
MW - 12	01/07/19	3391.57	-	47.13	0.00	3,344.44
MW - 12	01/16/19	3391.57	-	47.09	0.00	3,344.48
MW - 12	01/21/19	3391.57	-	47.03	0.00	3,344.54
MW - 12	01/28/19	3391.57	-	47.13	0.00	3,344.44
MW - 12	02/19/19	3391.57	-	47.02	0.00	3,344.55
MW - 12	03/01/19	3391.57	-	47.03	0.00	3,344.54
MW - 12	03/05/19	3391.57	-	47.12	0.00	3,344.45
MW - 12	03/20/19	3391.57	-	47.08	0.00	3,344.49
MW - 12	04/04/19	3391.57	-	47.02	0.00	3,344.55
MW - 12	04/09/19	3391.57	-	46.96	0.00	3,344.61
MW - 12	04/16/19	3391.57	-	46.96	0.00	3,344.61
MW - 12	04/23/19	3391.57	-	46.94	0.00	3,344.63
MW - 12	05/10/19	3391.57	-	46.98	0.00	3,344.59
MW - 12	05/23/19	3391.57	-	46.94	0.00	3,344.63
MW - 12	06/11/19	3391.57	-	46.91	0.00	3,344.66
MW - 12	06/20/19	3391.57	-	46.90	0.00	3,344.67
MW - 12	06/25/19	3391.57	-	46.93	0.00	3,344.64
MW - 12	07/03/19	3391.57	-	46.91	0.00	3,344.66
MW - 12	07/15/19	3391.57	-	46.91	0.00	3,344.66
MW - 12	07/31/19	3391.57	-	46.90	0.00	3,344.67
MW - 12	08/15/19	3391.57	-	46.88	0.00	3,344.69
MW - 12	09/06/19	3391.57	-	46.88	0.00	3,344.69
MW - 12	09/18/19	3391.57	-	46.80	0.00	3,344.77
MW - 12	11/13/19	3391.57	-	46.64	0.00	3,344.93
MW - 12	11/25/19	3391.57	-	46.64	0.00	3,344.93
MW - 12	12/05/19	3391.57	-	46.71	0.00	3,344.86
MW - 12	12/12/19	3391.57	-	46.68	0.00	3,344.89
MW - 12	01/24/20	3391.57	-	46.65	0.00	3,344.92
MW - 12	02/21/20	3391.57	-	46.68	0.00	3,344.89
MW - 12	01/02/00	3391.57	-	46.68	0.00	3,344.89
MW - 12	02/14/20	3391.57	-	46.65	0.00	3,344.92
MW - 12	02/25/20	3391.57	-	46.69	0.00	3,344.88
MW - 12	05/28/20	3391.57	-	46.55	0.00	3,345.02
MW - 12	06/15/20	3391.57	-	46.55	0.00	3,345.02

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 12	08/27/20	3391.57	-	46.68	0.00	3,344.89
MW - 12	09/10/20	3391.57	-	46.79	0.00	3,344.78
MW - 12	10/21/20	3391.57	-	46.75	0.00	3,344.82
MW - 12	11/02/20	3391.57	-	46.81	0.00	3,344.76
MW - 12	12/01/20	3391.57	-	46.62	0.00	3,344.95
MW - 13	03/05/14	3391.89	49.21	49.55	0.34	3,342.63
MW - 13	03/13/14	3391.89	49.14	49.69	0.55	3,342.67
MW - 13	03/29/14	3391.89	49.10	49.72	0.62	3,342.70
MW - 13	04/08/14	3391.89	49.16	49.87	0.71	3,342.62
MW - 13	04/17/14	3391.89	49.13	49.94	0.81	3,342.64
MW - 13	04/25/14	3391.89	49.01	49.85	0.84	3,342.75
MW - 13	05/01/14	3391.89	49.17	49.33	0.16	3,342.70
MW - 13	05/08/14	3391.89	49.11	49.25	0.14	3,342.76
MW - 13	05/14/14	3391.89	49.07	49.29	0.22	3,342.79
MW - 13	05/23/14	3391.89	49.19	49.39	0.20	3,342.67
MW - 13	05/27/14	3391.89	49.20	49.25	0.05	3,342.68
MW - 13	05/29/14	3391.89	49.23	49.33	0.10	3,342.65
MW - 13	06/11/14	3391.89	49.22	49.54	0.32	3,342.62
MW - 13	06/05/14	3391.89	49.20	49.46	0.26	3,342.65
MW - 13	06/18/14	3391.89	49.20	49.65	0.45	3,342.62
MW - 13	06/26/14	3391.89	49.22	49.82	0.60	3,342.58
MW - 13	07/01/14	3391.89	49.38	49.60	0.22	3,342.48
MW - 13	07/10/14	3391.89	49.36	49.75	0.39	3,342.47
MW - 13	07/17/14	3391.89	49.35	49.91	0.56	3,342.46
MW - 13	07/23/14	3391.89	49.50	49.75	0.25	3,342.35
MW - 13	07/31/14	3391.89	49.48	49.85	0.37	3,342.35
MW - 13	08/06/14	3391.89	49.47	49.73	0.26	3,342.38
MW - 13	08/12/14	3391.89	49.52	49.80	0.28	3,342.33
MW - 13	08/21/14	3391.89	49.50	49.94	0.44	3,342.32
MW - 13	09/04/14	3391.89	48.49	50.08	1.59	3,343.16
MW - 13	10/02/14	3391.89	49.39	49.98	0.59	3,342.41
MW - 13	10/08/14	3391.89	49.40	49.49	0.09	3,342.48
MW - 13	10/14/14	3391.89	49.42	49.48	0.06	3,342.46
MW - 13	10/17/14	3391.89	49.43	49.49	0.06	3,342.45
MW - 13	10/23/14	3391.89	49.37	49.53	0.16	3,342.50
MW - 13	10/24/14	3391.89	49.37	49.53	0.16	3,342.50
MW - 13	10/28/14	3391.89	49.36	49.44	0.08	3,342.52
MW - 13	11/07/14	3391.89	49.26	49.60	0.34	3,342.58
MW - 13	11/14/14	3391.89	49.30	49.44	0.14	3,342.57
MW - 13	11/15/14	3391.89	49.21	49.40	0.19	3,342.65
MW - 13	12/04/14	3391.89	49.28	49.42	0.14	3,342.59
MW - 13	12/11/14	3391.89	49.31	49.42	0.11	3,342.56

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 13	12/18/14	3391.89	48.99	49.86	0.87	3,342.77
MW - 13	12/23/14	3391.89	49.29	49.40	0.11	3,342.58
MW - 13	01/07/15	3391.89	49.19	49.36	0.17	3,342.67
MW - 13	01/15/15	3391.89	49.06	49.18	0.12	3,342.81
MW - 13	01/28/15	3391.89	48.93	49.03	0.10	3,342.95
MW - 13	02/04/15	3391.89	48.90	49.02	0.12	3,342.97
MW - 13	02/13/15	3391.89	48.92	48.97	0.05	3,342.96
MW - 13	02/16/15	3391.89	48.90	48.94	0.04	3,342.98
MW - 13	02/17/15	3391.89	48.93	49.02	0.09	3,342.95
MW - 13	02/24/15	3391.89	48.89	48.95	0.06	3,342.99
MW - 13	03/10/15	3391.89	48.82	48.87	0.05	3,343.06
MW - 13	03/17/15	3391.89	48.81	48.88	0.07	3,343.07
MW - 13	03/18/15	3391.89	48.76	48.83	0.07	3,343.12
MW - 13	03/25/15	3391.89	48.73	48.80	0.07	3,343.15
MW - 13	04/07/15	3391.89	48.71	48.81	0.10	3,343.17
MW - 13	04/08/15	3391.89	48.63	48.68	0.05	3,343.25
MW - 13	04/21/15	3391.89	48.68	48.76	0.08	3,343.20
MW - 13	04/28/15	3391.89	49.32	49.40	0.08	3,342.56
MW - 13	05/06/15	3391.89	48.87	48.92	0.05	3,343.01
MW - 13	05/20/15	3391.89	48.52	48.62	0.10	3,343.36
MW - 13	05/28/15	3391.89	48.47	48.54	0.07	3,343.41
MW - 13	06/02/15	3391.89	48.44	48.52	0.08	3,343.44
MW - 13	06/09/15	3391.89	48.41	48.50	0.09	3,343.47
MW - 13	06/18/15	3391.89	47.80	47.85	0.05	3,344.08
MW - 13	06/30/15	3391.89	48.60	48.66	0.06	3,343.28
MW - 13	07/06/15	3391.89	48.82	48.86	0.04	3,343.06
MW - 13	07/09/15	3391.89	48.80	48.83	0.03	3,343.09
MW - 13	07/21/15	3391.89	48.57	48.61	0.04	3,343.31
MW - 13	07/28/15	3391.89	48.50	48.55	0.05	3,343.38
MW - 13	08/06/15	3391.89	49.31	49.39	0.08	3,342.57
MW - 13	08/11/15	3391.89	48.57	48.62	0.05	3,343.31
MW - 13	08/18/15	3391.89	48.59	48.60	0.01	3,343.30
MW - 13	08/26/15	3391.89	48.73	48.76	0.03	3,343.16
MW - 13	09/11/15	3391.89	48.70	48.75	0.05	3,343.18
MW - 13	09/17/15	3391.89	48.70	48.76	0.06	3,343.18
MW - 13	09/25/15	3391.89	48.78	48.86	0.08	3,343.10
MW - 13	09/30/15	3391.89	48.78	48.88	0.10	3,343.10
MW - 13	10/06/15	3391.89	48.77	48.84	0.07	3,343.11
MW - 13	10/09/15	3391.89	48.83	48.92	0.09	3,343.05
MW - 13	10/13/15	3391.89	48.72	48.83	0.11	3,343.15
MW - 13	10/15/15	3391.89	48.46	48.56	0.10	3,343.42
MW - 13	10/21/15	3391.89	48.77	48.88	0.11	3,343.10
MW - 13	10/26/15	3391.89	48.75	48.86	0.11	3,343.12

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 13	11/09/15	3391.89	48.72	48.87	0.15	3,343.15
MW - 13	11/20/15	3391.89	48.72	48.91	0.19	3,343.14
MW - 13	11/25/15	3391.89	48.68	48.90	0.22	3,343.18
MW - 13	12/01/15	3391.89	48.68	48.90	0.22	3,343.18
MW - 13	12/09/15	3391.89	48.68	48.90	0.22	3,343.18
MW - 13	12/11/15	3391.89	48.58	48.78	0.20	3,343.28
MW - 13	12/15/15	3391.89	48.56	48.76	0.20	3,343.30
MW - 13	01/06/16	3391.89	48.40	48.61	0.21	3,343.46
MW - 13	01/11/16	3391.89	48.42	48.63	0.21	3,343.44
MW - 13	01/13/16	3391.89	48.40	48.61	0.21	3,343.46
MW - 13	01/28/16	3391.89	48.33	48.53	0.20	3,343.53
MW - 13	02/03/16	3391.89	48.32	48.55	0.23	3,343.54
MW - 13	02/10/16	3391.89	48.25	48.45	0.20	3,343.61
MW - 13	02/15/16	3391.89	48.17	48.37	0.20	3,343.69
MW - 13	02/17/16	3391.89	48.19	48.39	0.20	3,343.67
MW - 13	02/23/16	3391.89	48.19	48.39	0.20	3,343.67
MW - 13	03/08/16	3391.89	48.07	48.25	0.18	3,343.79
MW - 13	03/16/16	3391.89	48.06	48.25	0.19	3,343.80
MW - 13	03/18/16	3391.89	48.16	48.36	0.20	3,343.70
MW - 13	03/23/16	3391.89	48.05	48.24	0.19	3,343.81
MW - 13	03/29/16	3391.89	41.03	41.21	0.18	3,350.83
MW - 13	04/04/16	3391.89	48.30	48.90	0.60	3,343.50
MW - 13	04/08/16	3391.89	48.08	48.28	0.20	3,343.78
MW - 13	04/12/16	3391.89	48.10	48.41	0.31	3,343.74
MW - 13	05/03/16	3391.89	48.32	48.55	0.23	3,343.54
MW - 13	05/12/16	3391.89	48.10	48.33	0.23	3,343.76
MW - 13	05/26/16	3391.89	48.01	48.19	0.18	3,343.85
MW - 13	06/09/16	3391.89	48.07	48.29	0.22	3,343.79
MW - 13	07/01/16	3391.89	48.04	48.27	0.23	3,343.82
MW - 13	07/20/16	3391.89	48.16	48.40	0.24	3,343.69
MW - 13	07/28/16	3391.89	48.11	48.38	0.27	3,343.74
MW - 13	08/04/16	3391.89	48.20	48.43	0.23	3,343.66
MW - 13	08/10/16	3391.89	48.17	48.42	0.25	3,343.68
MW - 13	08/16/16	3391.89	48.22	48.47	0.25	3,343.63
MW - 13	08/23/16	3391.89	48.20	48.46	0.26	3,343.65
MW - 13	09/12/16	3391.89	48.23	48.47	0.24	3,343.62
MW - 13	09/23/16	3391.89	48.21	48.46	0.25	3,343.64
MW - 13	09/28/16	3391.89	48.26	48.50	0.24	3,343.59
MW - 13	10/12/16	3391.89	48.18	48.39	0.21	3,343.68
MW - 13	10/17/16	3391.89	48.13	48.30	0.17	3,343.73
MW - 13	11/02/16	3391.89	48.13	48.31	0.18	3,343.73
MW - 13	11/09/16	3391.89	48.15	48.32	0.17	3,343.71
MW - 13	11/29/16	3391.89	48.03	48.20	0.17	3,343.83

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 13	12/16/16	3391.89	47.89	48.04	0.15	3,343.98
MW - 13	12/21/16	3391.89	48.00	48.13	0.13	3,343.87
MW - 13	01/13/17	3391.89	47.87	48.04	0.17	3,343.99
MW - 13	01/20/17	3391.89	47.80	47.97	0.17	3,344.06
MW - 13	01/26/17	3391.89	47.90	48.09	0.19	3,343.96
MW - 13	02/07/17	3391.89	47.86	48.00	0.14	3,344.01
MW - 13	02/20/17	3391.89	47.81	47.95	0.14	3,344.06
MW - 13	02/27/17	3391.89	47.79	47.94	0.15	3,344.08
MW - 13	03/30/17	3391.89	47.69	47.84	0.15	3,344.18
MW - 13	04/04/17	3391.89	47.68	47.83	0.15	3,344.19
MW - 13	04/21/17	3391.89	47.66	47.81	0.15	3,344.21
MW - 13	05/18/17	3391.89	47.63	47.76	0.13	3,344.24
MW - 13	07/20/17	3391.89	47.60	47.76	0.16	3,344.27
MW - 13	08/29/17	3391.89	47.52	47.67	0.15	3,344.35
MW - 13	10/13/17	3391.89	47.45	47.59	0.14	3,344.42
MW - 13	10/20/17	3391.89	47.45	47.59	0.14	3,344.42
MW - 13	10/31/17	3391.89	47.39	47.52	0.13	3,344.48
MW - 13	11/07/17	3391.89	47.47	47.57	0.10	3,344.41
MW - 13	12/18/17	3391.89	47.37	47.42	0.05	3,344.51
MW - 13	01/05/18	3391.89	47.38	47.43	0.05	3,344.50
MW - 13	01/31/18	3391.89	47.27	47.31	0.04	3,344.61
MW - 13	02/22/18	3391.89	47.34	47.38	0.04	3,344.54
MW - 13	03/15/18	3391.89	47.29	47.35	0.06	3,344.59
MW - 13	03/23/18	3391.89	47.32	47.37	0.05	3,344.56
MW - 13	04/11/18	3391.89	47.32	47.36	0.04	3,344.56
MW - 13	04/20/18	3391.89	47.29	47.30	0.01	3,344.60
MW - 13	04/25/18	3391.89	47.32	47.34	0.02	3,344.57
MW - 13	05/02/18	3391.89	47.25	47.27	0.02	3,344.64
MW - 13	05/10/18	3391.89	47.22	47.24	0.02	3,344.67
MW - 13	05/23/18	3391.89	47.27	47.28	0.01	3,344.62
MW - 13	05/31/18	3391.89	47.28	47.30	0.02	3,344.61
MW - 13	06/15/18	3391.89	-	47.52	0.00	3,344.37
MW - 13	06/20/18	3391.89	-	47.72	0.00	3,344.17
MW - 13	06/27/18	3391.89	-	47.50	0.00	3,344.39
MW - 13	07/05/18	3391.89	-	47.49	0.00	3,344.40
MW - 13	07/09/18	3391.89	-	47.58	0.00	3,344.31
MW - 13	07/26/18	3391.89	-	47.57	0.00	3,344.32
MW - 13	07/31/18	3391.89	-	47.73	0.00	3,344.16
MW - 13	08/14/18	3391.89	-	47.48	0.00	3,344.41
MW - 13	08/29/18	3391.89	-	47.57	0.00	3,344.32
MW - 13	09/07/18	3391.89	-	47.56	0.00	3,344.33
MW - 13	09/28/18	3391.89	-	47.57	0.00	3,344.32
MW - 13	10/04/18	3391.89	-	47.61	0.00	3,344.28

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 13	10/17/18	3391.89	-	47.75	0.00	3,344.14
MW - 13	11/09/18	3391.89	-	47.72	0.00	3,344.17
MW - 13	11/15/18	3391.89	-	47.61	0.00	3,344.28
MW - 13	11/19/18	3391.89	-	47.65	0.00	3,344.24
MW - 13	11/29/18	3391.89	-	47.61	0.00	3,344.28
MW - 13	12/03/18	3391.89	-	47.69	0.00	3,344.20
MW - 13	12/13/18	3391.89	-	47.50	0.00	3,344.39
MW - 13	12/21/18	3391.89	-	47.45	0.00	3,344.44
MW - 13	12/28/18	3391.89	-	47.58	0.00	3,344.31
MW - 13	01/03/19	3391.89	-	47.71	0.00	3,344.18
MW - 13	01/07/19	3391.89	-	47.58	0.00	3,344.31
MW - 13	01/16/19	3391.89	-	47.71	0.00	3,344.18
MW - 13	01/21/19	3391.89	-	47.45	0.00	3,344.44
MW - 13	01/28/19	3391.89	-	47.67	0.00	3,344.22
MW - 13	02/08/19	3391.89	-	47.57	0.00	3,344.32
MW - 13	02/13/19	3391.89	-	47.41	0.00	3,344.48
MW - 13	02/19/19	3391.89	-	47.31	0.00	3,344.58
MW - 13	03/01/19	3391.89	-	47.55	0.00	3,344.34
MW - 13	03/05/19	3391.89	-	47.48	0.00	3,344.41
MW - 13	03/20/19	3391.89	-	47.86	0.00	3,344.03
MW - 13	03/27/19	3391.89	-	47.40	0.00	3,344.49
MW - 13	04/04/19	3391.89	-	47.56	0.00	3,344.33
MW - 13	04/09/19	3391.89	-	47.36	0.00	3,344.53
MW - 13	04/16/19	3391.89	-	47.47	0.00	3,344.42
MW - 13	04/23/19	3391.89	-	47.36	0.00	3,344.53
MW - 13	05/03/19	3391.89	-	47.26	0.00	3,344.63
MW - 13	05/10/19	3391.89	-	47.49	0.00	3,344.40
MW - 13	05/23/19	3391.89	-	47.20	0.00	3,344.69
MW - 13	06/11/19	3391.89	-	47.20	0.00	3,344.69
MW - 13	06/20/19	3391.89	-	47.25	0.00	3,344.64
MW - 13	06/25/19	3391.89	-	47.28	0.00	3,344.61
MW - 13	07/03/19	3391.89	-	47.39	0.00	3,344.50
MW - 13	07/15/19	3391.89	-	47.61	0.00	3,344.28
MW - 13	07/31/19	3391.89	-	47.60	0.00	3,344.29
MW - 13	08/07/19	3391.89	-	47.31	0.00	3,344.58
MW - 13	08/15/19	3391.89	-	47.22	0.00	3,344.67
MW - 13	08/23/19	3391.89	-	47.27	0.00	3,344.62
MW - 13	09/06/19	3391.89	-	47.25	0.00	3,344.64
MW - 13	09/10/19	3391.89	-	47.25	0.00	3,344.64
MW - 13	09/18/19	3391.89	-	47.16	0.00	3,344.73
MW - 13	10/18/19	3391.89	-	47.08	0.00	3,344.81
MW - 13	10/24/19	3391.89	-	47.08	0.00	3,344.81
MW - 13	11/01/19	3391.89	-	47.42	0.00	3,344.47

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 13	11/13/19	3391.89	-	47.05	0.00	3,344.84
MW - 13	11/25/19	3391.89	-	46.96	0.00	3,344.93
MW - 13	12/05/19	3391.89	-	47.02	0.00	3,344.87
MW - 13	12/12/19	3391.89	-	46.94	0.00	3,344.95
MW - 13	12/27/19	3391.89	-	46.91	0.00	3,344.98
MW - 13	01/06/20	3391.89	-	46.98	0.00	3,344.91
MW - 13	01/16/20	3391.89	-	46.98	0.00	3,344.91
MW - 13	01/24/20	3391.89	-	46.97	0.00	3,344.92
MW - 13	01/31/20	3391.89	-	47.05	0.00	3,344.84
MW - 13	02/06/20	3391.89	-	46.88	0.00	3,345.01
MW - 13	02/14/20	3391.89	-	46.91	0.00	3,344.98
MW - 13	02/21/20	3391.89	-	46.95	0.00	3,344.94
MW - 13	02/25/20	3391.89	-	46.94	0.00	3,344.95
MW - 13	05/28/20	3391.89	-	46.83	0.00	3,345.06
MW - 13	06/15/20	3391.89	-	46.81	0.00	3,345.08
MW - 13	07/02/20	3391.89	-	46.84	0.00	3,345.05
MW - 13	07/29/20	3391.89	-	46.98	0.00	3,344.91
MW - 13	08/20/20	3391.89	-	47.06	0.00	3,344.83
MW - 13	08/27/20	3391.89	-	47.06	0.00	3,344.83
MW - 13	09/10/20	3391.89	-	47.20	0.00	3,344.69
MW - 13	10/21/20	3391.89	-	47.12	0.00	3,344.77
MW - 13	11/02/20	3391.89	-	47.06	0.00	3,344.83
MW - 13	12/01/20	3391.89	-	46.90	0.00	3,344.99
MW - 13	12/07/20	3391.89	-	46.97	0.00	3,344.92

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 1	02/09/04	4.090	0.020	1.470	0.547	
MW - 1	05/04/04	5.470	0.058	1.540	0.353	
MW - 1	12/04/04	16.20	0.590	1.500	1.560	
MW - 1	03/07/05	16.90	<0.1	1.500	0.644	
MW - 1	06/07/05	15.60	<0.2	1.910	0.807	
MW - 1	09/07/05	9.550	<0.2	1.600	0.553	
MW - 1	12/14/05	Not Sampled				
MW - 1	01/12/06	1.000	0.242	0.774	0.534	
MW - 1	03/06/06	9.960	<0.1	2.240	1.640	
MW - 1	06/05/06	7.080	<0.2	1.660	1.220	
MW - 1	09/11/06	7.860	0.076	2.420	1.440	
MW - 1	11/21/06	6.170	<0.1	1.320	1.200	
MW - 1	02/20/07	3.000	0.125	0.993	0.493	
MW - 1	05/15/07	4.010	<0.100	1.580	0.681	
MW - 1	08/09/07	3.770	<0.100	1.280	0.471	
MW - 1	11/13/07	5.550	0.149	2.200	0.560	
MW - 1	02/14/08	3.480	0.151	1.310	0.699	
MW - 1	06/05/08	3.620	0.122	0.984	0.179	
MW - 1	08/19/08	4.290	0.199	1.250	0.391	
MW - 1	11/19/08	3.820	0.135	0.128	0.471	
MW - 1	02/18/09	2.420	<0.001	0.511	<0.1	
MW - 1	05/19/09	0.640	<0.001	1.460	2.000	
MW - 1	08/13/09	2.940	<0.100	0.888	<0.100	
MW - 1	11/11/09	2.880	<0.100	1.210	0.762	
MW - 1	02/04/10	2.300	<0.100	0.156	<0.100	
MW - 1	05/07/10	2.940	<0.100	0.657	<0.100	
MW - 1	08/06/10	2.760	<0.050	0.390	0.118	
MW - 1	11/05/10	2.250	<0.0500	0.435	<0.0500	
MW - 1	02/11/11	2.380	<0.0500	0.529	<0.0500	
MW - 1	05/09/11	2.940	<0.0500	0.669	<0.0500	
MW - 1	08/05/11	3.530	<0.0500	1.010	1.130	
MW - 1	11/17/11	2.980	<0.020	1.300	0.092	
MW - 1	02/28/12	3.200	<0.100	1.410	<0.100	
MW - 1	05/03/12	2.340	<0.02	0.996	0.303	
MW - 1	08/24/12	1.640	<0.05	0.149	<0.150	
MW - 1	11/15/12	1.58	0.0128	0.526	0.0665	
MW - 1	02/14/13	1.84	<0.0200	0.0993	0.0993	
MW - 1	05/28/13	0.86	<0.0100	0.2160	<0.01	
MW - 1	08/06/13	1.26	0.0118	0.2660	0.0686	
MW - 1	11/07/13	1.40	<0.0500	0.1900	<0.150	
MW - 1	03/05/14	1.22	<0.0500	0.0969	<0.150	
MW - 1	08/13/14	0.722	<0.0500	<0.0500	<0.0500	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 1	02/16/15	0.261	<0.0500	<0.0500	<0.0500	
MW - 1	05/28/15	0.458	<0.0500	<0.0500	<0.0500	
MW - 1	08/26/15	0.382	<0.00100	0.0216	0.0255	
MW - 1	11/20/15	0.391	0.00240	0.0283	0.0395	
MW - 1	02/17/16	0.203	<0.0500	0.177	0.343	
MW - 1	05/26/16	Not Sampled Due to PSH in Well				
MW - 1	08/04/16	Not Sampled Due to PSH in Well				
MW - 1	11/29/16	Not Sampled Due to PSH in Well				
MW - 1	02/27/17	Not Sampled Due to PSH in Well				
MW - 1	05/18/17	1.39	0.0495	1.13	1.601	
MW - 1	08/29/17	Not Sampled Due to PSH in Well				
MW - 1	11/07/17	0.394	0.00346	0.0646	0.0681	
MW - 1	02/22/18	0.470	0.0275	0.0631	0.0862	
MW - 1	05/23/18	0.259	<0.0100	0.207	0.1757	
MW - 1	08/29/18	0.322	<0.0100	0.0405	0.0298	
MW - 1	11/29/18	0.238	<0.0100	0.0154	<0.0200	
MW - 1	03/05/19	0.252	0.00504	0.0348	0.02966	
MW - 1	06/11/19	0.251	<0.00500	<0.00500	<0.0100	
MW - 1	08/15/19	0.153	<0.00100	0.00984	0.01770	
MW - 1	11/25/19	0.110	0.00150	0.0114	0.00669	
MW - 1	02/25/20	0.113	0.00206	0.00742	0.01623	
MW - 1	06/15/20	0.104	0.00280	0.0126	0.01287	
MW - 1	08/27/20	0.0912	0.00249	0.00566	0.00780	
MW - 1	12/01/20	0.120	0.0137	0.00118	<0.00200	
MW - 2	05/04/04	7.280	0.525	0.884	0.553	
MW - 2	03/07/05	6.020	1.510	1.170	1.270	
MW - 2	06/07/05	3.960	0.371	1.340	1.130	
MW - 2	09/07/05	4.670	0.283	1.210	1.040	
MW - 2	12/14/05	0.969	0.327	0.699	0.423	
MW - 2	03/06/06	6.280	2.260	2.120	3.060	
MW - 2	06/05/06	4.350	1.660	1.690	1.920	
MW - 2	09/11/06	4.190	0.250	1.260	1.250	
MW - 2	11/21/06	6.340	<0.1	1.380	1.140	
MW - 2	02/20/07	5.740	2.100	1.640	2.060	
MW - 2	05/15/07	4.640	0.361	1.750	1.520	
MW - 2	08/09/07	4.990	0.271	1.280	0.980	
MW - 2	11/13/07	8.740	0.735	0.626	2.830	
MW - 2	02/14/08	4.090	0.575	3.900	3.640	
MW - 2	05/16/08	5.690	0.665	2.190	1.960	
MW - 2	08/19/08	3.470	0.117	1.370	0.946	
MW - 2	11/19/08	1.630	<0.100	0.788	0.504	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 2	02/18/09	0.958	<0.100	0.238	0.100	
MW - 2	05/19/09	2.340	<0.100	1.080	1.500	
MW - 2	08/13/09	1.370	<0.100	0.841	1.040	
MW - 2	11/11/09	0.693	<0.100	0.303	0.174	
MW - 2	02/04/10	0.385	<0.100	0.217	<0.100	
MW - 2	05/07/10	1.210	<0.200	0.494	<0.200	
MW - 2	08/06/10	0.554	<0.050	0.447	0.281	
MW - 2	11/05/10	0.743	<0.0500	0.409	0.480	
MW - 2	02/11/11	0.577	<0.0500	<0.0500	<0.0500	
MW - 2	05/09/11	0.687	<0.0500	<0.0500	<0.0500	
MW - 2	08/05/11	0.494	<0.0500	<0.0500	<0.0500	
MW - 2	11/17/11	0.289	<0.005	0.092	0.0498	
MW - 2	02/28/12	1.230	<0.200	<0.200	<0.200	
MW - 2	05/03/12	0.447	<0.005	0.119	<0.0100	
MW - 2	08/24/12	Not Sampled Due to PSH in Well				
MW - 2	11/15/12	Not Sampled Due to PSH in Well				
MW - 2	02/14/13	Not Sampled Due to PSH in Well				
MW - 2	05/28/13	Not Sampled Due to PSH in Well				
MW - 2	08/06/13	Not Sampled Due to PSH in Well				
MW - 2	11/07/13	Not Sampled Due to PSH in Well				
MW - 2	03/05/14	Not Sampled Due to PSH in Well				
MW - 2	02/16/15	Not Sampled Due to PSH in Well				
MW - 2	05/28/15	0.485	<0.0500	0.928	0.882	
MW - 2	08/26/15	0.385	<0.0500	0.617	0.486	
MW - 2	11/20/15	Not Sampled Due to PSH in Well				
MW - 2	02/17/16	0.316	<0.0500	0.448	0.314	
MW - 2	05/26/16	0.238	<0.00100	0.236	0.180	
MW - 2	08/04/16	0.483	<0.0500	0.266	0.208	
MW - 2	11/29/16	0.103	<0.00200	0.0511	0.0443	
MW - 2	02/27/17	0.304	<0.100	0.263	0.231	
MW - 2	05/18/17	0.567	<0.0100	0.314	0.259	
MW - 2	08/29/17	0.438	0.0296	0.231	0.173	
MW - 2	11/07/17	0.309	0.00479	0.140	0.0965	
MW - 2	02/22/18	0.181	0.0159	0.130	0.09757	
MW - 2	05/23/18	0.204	<0.0100	0.115	0.0929	
MW - 2	08/29/18	0.303	<0.0500	0.108	<0.100	
MW - 2	11/29/18	0.0408	<0.0500	0.0544	<0.100	
MW - 2	03/05/19	0.153	0.00411	0.140	0.09842	
MW - 2	06/11/19	0.158	<0.00500	0.0522	0.0577	
MW - 2	08/15/19	0.0807	0.00169	0.0438	0.03782	
MW - 2	11/25/19	0.154	0.00282	0.0486	0.05295	
MW - 2	02/25/20	0.108	0.00615	0.0560	0.06565	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 2	06/15/20	0.118	0.00611	0.0422	0.05950	
MW - 2	08/27/20	0.174	0.00732	0.0327	0.05230	
MW - 2	12/01/20	0.172	0.0112	0.0122	0.0177	
MW - 3	03/09/00	0.0150	0.0120	0.0020	0.0020	
MW - 3	05/11/00	0.0560	0.0480	0.0060	0.0040	
MW - 3	09/12/00	0.0560	0.0480	0.0060	0.0050	
MW - 3	12/14/00	0.0130	0.0140	0.0020	0.0020	
MW - 3	03/21/01	0.0730	0.0740	0.0110	0.0090	
MW - 3	05/30/01	0.0690	<0.005	<0.005	<0.005	
MW - 3	09/25/01	0.0080	0.0070	0.0010	0.0010	
MW - 3	11/17/01	0.0020	0.0030	<0.001	0.0010	
MW - 3	02/20/02	0.0220	0.0250	0.0040	0.0030	
MW - 3	05/20/02	0.0400	0.0413	0.0078	0.0060	
MW - 3	09/24/02	0.0400	0.0300	0.0070	0.0050	
MW - 3	11/13/02	0.0450	0.0420	0.0060	0.0050	
MW - 3	02/06/03	0.0040	0.0070	0.0020	0.0010	
MW - 3	05/08/03	0.0050	0.0080	0.0020	0.0010	
MW - 3	08/19/03	0.0050	0.0040	<0.001	<0.001	
MW - 3	11/07/03	<0.001	<0.001	<0.001	<0.002	
MW - 3	02/09/04	0.0070	0.0090	0.0020	<0.002	
MW - 3	05/04/04	0.0020	0.0010	<0.001	<0.002	
MW - 3	08/23/04	<0.001	0.0010	<0.001	<0.002	
MW - 3	12/04/04	<0.001	0.0010	<0.001	<0.001	
MW - 3	03/07/05	<0.001	<0.001	<0.001	<0.001	
MW - 3	06/07/05	0.0064	<0.001	<0.001	<0.001	
MW - 3	09/07/05	0.0057	<0.001	<0.001	0.0010	
MW - 3	12/14/05	<0.005	<0.005	<0.005	<0.005	
MW - 3	03/06/06	<0.001	<0.001	<0.001	<0.001	
MW - 3	06/05/06	0.0012	<0.001	<0.001	<0.001	
MW - 3	09/11/06	<0.001	<0.001	<0.001	<0.001	
MW - 3	11/21/06	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/20/07	<0.001	<0.001	<0.001	<0.001	
MW - 3	05/15/07	<0.001	<0.001	<0.001	<0.001	
MW - 3	08/09/07	<0.001	<0.001	<0.001	<0.001	
MW - 3	11/13/07	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/14/08	<0.001	<0.001	<0.001	<0.001	
MW - 3	05/16/08	<0.001	<0.001	<0.001	<0.001	
MW - 3	08/19/08	<0.001	<0.001	<0.001	0.0024	
MW - 3	11/19/08	<0.001	<0.001	<0.001	0.0024	
MW - 3	02/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 3	05/19/09	<0.001	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 3	08/13/09	<0.001	<0.001	<0.001	<0.001	
MW - 3	11/11/09	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/04/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	05/07/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	08/06/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	11/05/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/11/11	<0.001	<0.001	<0.001	<0.001	
MW - 3	05/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 3	08/05/11	<0.001	<0.001	<0.001	<0.001	
MW - 3	11/17/11	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/28/12	<0.001	<0.001	<0.001	<0.001	
MW - 3	05/03/12	<0.001	<0.001	<0.001	<0.001	
MW - 3	08/24/12	<0.001	<0.001	<0.001	<0.003	
MW - 3	11/15/12	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/14/13	Not Sampled on Current Sample Schedule				
MW - 3	05/28/13	Not Sampled on Current Sample Schedule				
MW - 3	08/06/13	Not Sampled on Current Sample Schedule				
MW - 3	11/07/13	<0.001	<0.001	<0.001	<0.00300	
MW - 3	03/05/14	Not Sampled on Current Sample Schedule				
MW - 3	11/15/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/16/15	Not Sampled on Current Sample Schedule				
MW - 3	05/28/15	Not Sampled on Current Sample Schedule				
MW - 3	08/26/15	Not Sampled on Current Sample Schedule				
MW - 3	11/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/17/16	Not Sampled on Current Sample Schedule				
MW - 3	05/26/16	Not Sampled on Current Sample Schedule				
MW - 3	08/04/16	Not Sampled on Current Sample Schedule				
MW - 3	11/29/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 3	02/27/17	Not Sampled on Current Sample Schedule				
MW - 3	05/18/17	Not Sampled on Current Sample Schedule				
MW - 3	08/29/17	Not Sampled on Current Sample Schedule				
MW - 3	11/07/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 3	02/22/18	Not Sampled on Current Sample Schedule				
MW - 3	05/23/18	Not Sampled on Current Sample Schedule				
MW - 3	08/29/18	Not Sampled on Current Sample Schedule				
MW - 3	11/29/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 3	03/05/19	Not Sampled on Current Sample Schedule				
MW - 3	06/11/19	Not Sampled on Current Sample Schedule				
MW - 3	08/15/19	Not Sampled on Current Sample Schedule				
MW - 3	11/25/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 3	02/25/20	Not Sampled on Current Sample Schedule				
MW - 3	06/15/20	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 3	08/27/20	Not Sampled on Current Sample Schedule				
MW - 3	12/01/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 4	03/09/00	0.1520	0.0660	0.0190	0.0120	
MW - 4	05/11/00	0.2850	0.1100	0.0320	0.0140	
MW - 4	09/12/00	0.2690	0.0680	0.0260	0.0060	
MW - 4	12/14/00	0.2460	0.0210	0.0090	0.0080	
MW - 4	03/21/01	0.1890	0.0860	0.0200	0.0110	
MW - 4	05/30/01	0.1070	<0.005	0.0188	<0.005	
MW - 4	09/25/01	0.4630	0.0280	0.0090	0.0100	
MW - 4	11/17/01	0.3350	0.0200	0.0070	0.0070	
MW - 4	02/20/02	1.0900	0.0460	0.0110	0.0080	
MW - 4	05/20/02	0.9190	0.0414	0.0080	0.0160	
MW - 4	09/24/02	0.1170	0.0200	0.0030	0.0030	
MW - 4	11/13/02	0.0820	0.0730	0.0100	0.0110	
MW - 4	02/06/03	0.0020	0.0040	<0.001	0.0010	
MW - 4	05/08/03	0.0160	0.0020	<0.001	<0.001	
MW - 4	08/19/03	0.0310	0.0020	<0.001	<0.001	
MW - 4	11/07/03	0.0040	<0.001	<0.001	0.0030	
MW - 4	02/09/04	0.3700	0.0030	0.0050	0.0040	
MW - 4	05/04/04	0.0130	<0.001	<0.001	<0.002	
MW - 4	08/23/04	<0.001	<0.001	<0.001	<0.002	
MW - 4	12/04/04	0.0058	<0.001	<0.001	<0.001	
MW - 4	03/07/05	<0.001	<0.001	<0.001	<0.001	
MW - 4	06/07/05	0.0821	0.0023	<0.001	0.0019	
MW - 4	09/07/05	0.0704	0.0045	0.0014	0.0024	
MW - 4	12/14/05	Not Sampled - Well Damged				
MW - 4	03/06/06	Plugged and Abandoned				
MW - 5	03/09/00	0.0010	0.0010	<0.001	0.0010	
MW - 5	05/11/00	<0.001	<0.001	<0.001	<0.001	
MW - 5	09/12/00	<0.001	<0.001	<0.001	<0.001	
MW - 5	12/14/00	<0.001	<0.001	<0.001	<0.001	
MW - 5	03/21/01	<0.001	<0.001	<0.001	<0.001	
MW - 5	05/30/01	<0.005	<0.005	<0.005	<0.005	
MW - 5	09/25/01	<0.001	<0.001	<0.001	<0.001	
MW - 5	11/17/01	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/20/02	<0.001	<0.001	<0.001	<0.001	
MW - 5	05/20/02	<0.001	<0.001	<0.001	<0.001	
MW - 5	09/24/02	0.0030	<0.001	<0.001	<0.001	
MW - 5	11/13/02	0.0020	0.0010	<0.001	<0.001	
MW - 5	02/06/03	<0.001	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 5	05/08/03	<0.001	<0.001	<0.001	<0.001	
MW - 5	08/19/03	<0.001	<0.001	<0.001	<0.001	
MW - 5	11/07/03	<0.001	<0.001	<0.001	<0.002	
MW - 5	02/09/04	<0.001	<0.001	<0.001	<0.002	
MW - 5	12/04/04	<0.001	<0.001	<0.001	<0.001	
MW - 5	03/07/05	Not Sampled on Current Sample Schedule				
MW - 5	06/07/05	Not Sampled on Current Sample Schedule				
MW - 5	09/07/05	Not Sampled on Current Sample Schedule				
MW - 5	12/14/05	<0.005	<0.005	<0.005	<0.005	
MW - 5	03/06/06	Not Sampled on Current Sample Schedule				
MW - 5	06/05/06	Not Sampled on Current Sample Schedule				
MW - 5	09/11/06	Not Sampled on Current Sample Schedule				
MW - 5	11/21/06	0.0011	<0.001	0.0014	<0.001	
MW - 5	02/20/07	<0.001	<0.001	<0.001	<0.001	
MW - 5	05/15/07	Not Sampled on Current Sample Schedule				
MW - 5	08/09/07	Not Sampled on Current Sample Schedule				
MW - 5	11/13/07	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/14/08	Not Sampled on Current Sample Schedule				
MW - 5	05/16/08	<0.001	<0.001	<0.001	<0.001	
MW - 5	08/19/08	Not Sampled on Current Sample Schedule				
MW - 5	11/19/08	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/18/09	Not Sampled on Current Sample Schedule				
MW - 5	05/19/09	<0.001	<0.001	<0.001	<0.001	
MW - 5	08/13/09	Not Sampled on Current Sample Schedule				
MW - 5	11/11/09	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/04/10	Not Sampled on Current Sample Schedule				
MW - 5	05/07/10	<0.001	<0.001	<0.001	<0.001	
MW - 5	08/06/10	Not Sampled on Current Sample Schedule				
MW - 5	11/05/10	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/11/11	Not Sampled on Current Sample Schedule				
MW - 5	05/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 5	08/05/11	Not Sampled on Current Sample Schedule				
MW - 5	11/17/11	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/28/12	Not Sampled on Current Sample Schedule				
MW - 5	05/03/12	<0.001	<0.001	<0.001	<0.001	
MW - 5	08/24/12	Not Sampled on Current Sample Schedule				
MW - 5	11/15/12	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/14/13	Not Sampled on Current Sample Schedule				
MW - 5	05/28/13	Not Sampled on Current Sample Schedule				
MW - 5	08/06/13	Not Sampled on Current Sample Schedule				
MW - 5	11/07/13	<0.001	<0.001	<0.001	<0.00300	
MW - 5	03/05/14	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 5	11/15/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	02/16/15	Not Sampled on Current Sample Schedule				
MW - 5	05/28/15	Not Sampled on Current Sample Schedule				
MW - 5	08/26/15	Not Sampled on Current Sample Schedule				
MW - 5	11/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	02/17/16	Not Sampled on Current Sample Schedule				
MW - 5	05/26/16	Not Sampled on Current Sample Schedule				
MW - 5	08/04/16	Not Sampled on Current Sample Schedule				
MW - 5	11/29/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 5	02/27/17	Not Sampled on Current Sample Schedule				
MW - 5	05/18/17	Not Sampled on Current Sample Schedule				
MW - 5	08/29/17	Not Sampled on Current Sample Schedule				
MW - 5	11/07/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 5	02/22/18	Not Sampled on Current Sample Schedule				
MW - 5	05/23/18	Not Sampled on Current Sample Schedule				
MW - 5	08/29/18	Not Sampled on Current Sample Schedule				
MW - 5	11/29/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 5	03/05/19	Not Sampled on Current Sample Schedule				
MW - 5	06/11/19	Not Sampled on Current Sample Schedule				
MW - 5	08/15/19	Not Sampled on Current Sample Schedule				
MW - 5	11/25/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5	02/25/20	Not Sampled on Current Sample Schedule				
MW - 5	06/15/20	Not Sampled on Current Sample Schedule				
MW - 5	08/27/20	Not Sampled on Current Sample Schedule				
MW - 5	12/01/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	03/09/00	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/11/00	<0.001	<0.001	<0.001	<0.001	
MW - 6	09/12/00	<0.001	<0.001	<0.001	<0.001	
MW - 6	12/14/00	<0.001	<0.001	<0.001	<0.001	
MW - 6	03/21/01	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/30/01	<0.005	<0.005	<0.005	<0.005	
MW - 6	09/25/01	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/17/01	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/20/02	0.0010	<0.001	<0.001	<0.001	
MW - 6	05/20/02	<0.001	<0.001	<0.001	<0.001	
MW - 6	09/24/02	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/13/02	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/06/03	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/08/03	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/19/03	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/07/03	<0.001	<0.001	<0.001	<0.002	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 6	02/09/04	<0.001	<0.001	<0.001	<0.002	
MW - 6	12/04/04	<0.001	<0.001	<0.001	<0.001	
MW - 6	03/07/05	Not Sampled on Current Sample Schedule				
MW - 6	06/07/05	<0.001	<0.001	<0.001	<0.001	
MW - 6	09/07/05	Not Sampled on Current Sample Schedule				
MW - 6	12/14/05	<0.005	<0.005	<0.005	<0.005	
MW - 6	03/06/06	Not Sampled on Current Sample Schedule				
MW - 6	06/05/06	<0.001	<0.001	<0.001	<0.001	
MW - 6	09/11/06	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/21/06	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/20/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	06/21/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/09/07	Not Sampled on Current Sample Schedule				
MW - 6	11/13/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/14/08	Not Sampled on Current Sample Schedule				
MW - 6	05/16/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/19/08	Not Sampled on Current Sample Schedule				
MW - 6	11/19/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/18/09	Not Sampled on Current Sample Schedule				
MW - 6	05/19/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/13/09	Not Sampled on Current Sample Schedule				
MW - 6	11/11/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/04/10	Not Sampled on Current Sample Schedule				
MW - 6	05/07/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/06/10	Not Sampled on Current Sample Schedule				
MW - 6	11/05/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/11/11	Not Sampled on Current Sample Schedule				
MW - 6	05/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/05/11	Not Sampled on Current Sample Schedule				
MW - 6	11/17/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/28/12	Not Sampled on Current Sample Schedule				
MW - 6	05/03/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/24/12	Not Sampled on Current Sample Schedule				
MW - 6	11/15/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/14/13	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/28/13	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/06/13	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/07/13	<0.001	<0.001	<0.001	<0.00300	
MW - 6	03/05/14	<0.001	<0.001	<0.001	<0.00300	
MW - 6	05/29/14	<0.001	<0.001	<0.001	<0.00300	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 6	08/12/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	11/15/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/16/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	05/28/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	08/26/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	11/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/17/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	05/26/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	08/04/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	11/29/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 6	02/27/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 6	05/18/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 6	08/29/17	<0.00200	<0.00200	<0.00200	<0.002	
MW - 6	11/07/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 6	02/22/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 6	05/23/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 6	08/29/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 6	11/29/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 6	03/05/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	06/11/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	08/15/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	11/25/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	02/25/20	<0.00100	<0.00100	0.00110	0.00360	
MW - 6	06/15/20	Not Sampled on Current Sample Schedule				
MW - 6	08/27/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	12/01/20	Not Sampled on Current Sample Schedule				
MW - 7	03/09/00	<0.001	<0.001	<0.001	<0.001	
MW - 7	05/11/00	<0.001	<0.001	<0.001	<0.001	
MW - 7	09/12/00	<0.001	<0.001	<0.001	<0.001	
MW - 7	12/14/00	<0.001	<0.001	<0.001	<0.001	
MW - 7	03/21/01	<0.001	<0.001	<0.001	<0.001	
MW - 7	05/30/01	<0.005	<0.005	<0.005	<0.005	
MW - 7	09/25/01	<0.001	<0.001	<0.001	<0.001	
MW - 7	11/17/01	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/20/02	<0.001	<0.001	<0.001	<0.001	
MW - 7	05/20/02	<0.001	<0.001	<0.001	<0.001	
MW - 7	09/24/02	<0.001	<0.001	<0.001	<0.001	
MW - 7	11/13/02	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/06/03	<0.001	<0.001	<0.001	<0.001	
MW - 7	05/08/03	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/19/03	<0.001	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 7	11/07/03	<0.001	<0.001	<0.001	<0.002	
MW - 7	02/09/04	<0.001	<0.001	<0.001	<0.002	
MW - 7	12/04/04	<0.001	<0.001	<0.001	<0.001	
MW - 7	03/07/05	Not Sampled on Current Sample Schedule				
MW - 7	06/07/05	<0.001	<0.001	<0.001	<0.001	
MW - 7	09/07/05	Not Sampled on Current Sample Schedule				
MW - 7	12/14/05	<0.005	<0.005	<0.005	<0.005	
MW - 7	03/06/06	Not Sampled on Current Sample Schedule				
MW - 7	06/05/06	<0.001	<0.001	<0.001	<0.001	
MW - 7	09/11/06	<0.001	<0.001	<0.001	<0.001	
MW - 7	11/21/06	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/20/07	<0.001	<0.001	<0.001	<0.001	
MW - 7	06/21/07	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/09/07	Not Sampled on Current Sample Schedule				
MW - 7	11/13/07	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/14/08	Not Sampled on Current Sample Schedule				
MW - 7	05/16/08	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/19/08	Not Sampled on Current Sample Schedule				
MW - 7	11/19/08	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/18/09	Not Sampled on Current Sample Schedule				
MW - 7	05/19/09	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/13/09	Not Sampled on Current Sample Schedule				
MW - 7	11/11/09	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/04/10	Not Sampled on Current Sample Schedule				
MW - 7	05/07/10	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/06/10	Not Sampled on Current Sample Schedule				
MW - 7	11/05/10	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/11/11	Not Sampled on Current Sample Schedule				
MW - 7	05/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/05/11	Not Sampled on Current Sample Schedule				
MW - 7	11/17/11	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/28/12	Not Sampled on Current Sample Schedule				
MW - 7	05/03/12	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/24/12	Not Sampled on Current Sample Schedule				
MW - 7	11/15/12	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/14/13	Not Sampled on Current Sample Schedule				
MW - 7	05/28/13	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/06/13	Not Sampled on Current Sample Schedule				
MW - 7	11/07/13	<0.001	<0.001	<0.001	<0.00300	
MW - 7	03/05/14	Not Sampled on Current Sample Schedule				
MW - 7	05/29/14	<0.001	<0.001	<0.001	<0.00100	
MW - 7	11/15/14	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 7	02/16/15	Not Sampled on Current Sample Schedule				
MW - 7	05/28/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	08/26/15	Not Sampled on Current Sample Schedule				
MW - 7	11/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/17/16	Not Sampled on Current Sample Schedule				
MW - 7	05/26/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	08/04/16	Not Sampled on Current Sample Schedule				
MW - 7	11/29/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 7	02/27/17	Not Sampled on Current Sample Schedule				
MW - 7	05/18/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 7	08/29/17	Not Sampled on Current Sample Schedule				
MW - 7	11/07/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 7	02/22/18	Not Sampled on Current Sample Schedule				
MW - 7	05/22/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 7	08/29/18	Not Sampled on Current Sample Schedule				
MW - 7	11/29/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 7	03/05/19	Not Sampled on Current Sample Schedule				
MW - 7	06/11/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 7	08/15/19	Not Sampled on Current Sample Schedule				
MW - 7	11/25/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 7	02/25/20	Not Sampled on Current Sample Schedule				
MW - 7	06/15/20	Not Sampled on Current Sample Schedule				
MW - 7	08/27/20	Not Sampled on Current Sample Schedule				
MW - 7	12/01/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 8	03/09/00	0.0010	<0.001	0.0010	<0.001	
MW - 8	05/11/00	<0.001	<0.001	<0.001	<0.001	
MW - 8	09/12/00	<0.001	<0.001	<0.001	<0.001	
MW - 8	12/14/00	<0.001	<0.001	<0.001	<0.001	
MW - 8	03/21/01	<0.001	<0.001	<0.001	<0.001	
MW - 8	05/30/01	<0.005	<0.005	<0.005	<0.005	
MW - 8	09/25/01	0.0010	<0.001	<0.001	<0.001	
MW - 8	11/17/01	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/20/02	0.0050	<0.001	0.0020	<0.001	
MW - 8	05/20/02	<0.001	<0.001	<0.001	<0.001	
MW - 8	09/24/02	<0.001	<0.001	<0.001	<0.001	
MW - 8	11/13/02	0.0020	<0.001	<0.001	<0.001	
MW - 8	02/06/03	<0.001	<0.001	<0.001	<0.001	
MW - 8	05/08/03	<0.001	<0.001	<0.001	<0.001	
MW - 8	08/19/03	<0.001	<0.001	<0.001	<0.001	
MW - 8	11/07/03	<0.001	<0.001	<0.001	<0.002	
MW - 8	02/09/04	<0.001	<0.001	<0.001	<0.002	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 8	12/04/04	<0.001	<0.001	<0.001	<0.001	
MW - 8	03/07/05	Not Sampled on Current Sample Schedule				
MW - 8	06/07/05	Not Sampled on Current Sample Schedule				
MW - 8	09/07/05	Not Sampled on Current Sample Schedule				
MW - 8	12/14/05	<0.005	<0.005	<0.005	<0.005	
MW - 8	03/06/06	Not Sampled on Current Sample Schedule				
MW - 8	06/05/06	Not Sampled on Current Sample Schedule				
MW - 8	09/11/06	Not Sampled on Current Sample Schedule				
MW - 8	11/21/06	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/20/07	<0.001	<0.001	<0.001	<0.001	
MW - 8	06/21/07	Not Sampled on Current Sample Schedule				
MW - 8	08/09/07	Not Sampled on Current Sample Schedule				
MW - 8	11/13/07	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/14/08	Not Sampled on Current Sample Schedule				
MW - 8	05/16/08	Not Sampled on Current Sample Schedule				
MW - 8	08/19/08	Not Sampled on Current Sample Schedule				
MW - 8	11/19/08	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/18/09	Not Sampled on Current Sample Schedule				
MW - 8	05/19/09	Not Sampled on Current Sample Schedule				
MW - 8	08/13/09	Not Sampled on Current Sample Schedule				
MW - 8	11/11/09	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/04/10	Not Sampled on Current Sample Schedule				
MW - 8	05/07/10	Not Sampled on Current Sample Schedule				
MW - 8	08/06/10	Not Sampled on Current Sample Schedule				
MW - 8	11/05/10	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/11/11	Not Sampled on Current Sample Schedule				
MW - 8	05/09/11	Not Sampled on Current Sample Schedule				
MW - 8	08/05/11	Not Sampled on Current Sample Schedule				
MW - 8	11/17/11	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/28/12	Not Sampled on Current Sample Schedule				
MW - 8	05/03/12	Not Sampled on Current Sample Schedule				
MW - 8	11/15/12	Not Sampled on Current Sample Schedule				
MW - 8	11/15/12	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/14/13	<0.001	<0.001	<0.001	<0.001	
MW - 8	05/28/13	<0.001	<0.001	<0.001	<0.001	
MW - 8	08/06/13	<0.001	<0.001	<0.001	<0.001	
MW - 8	11/07/13	<0.001	<0.001	<0.001	<0.00300	
MW - 8	03/05/14	<0.001	<0.001	<0.001	<0.00300	
MW - 8	05/29/14	<0.001	<0.001	<0.001	<0.00300	
MW - 8	08/12/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	11/15/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/16/15	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 8	05/28/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	08/26/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	11/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/17/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	05/26/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	08/04/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	11/29/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 8	02/27/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 8	05/18/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 8	08/29/17	<0.00200	<0.00200	<0.00200	<0.002	
MW - 8	11/07/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 8	02/22/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 8	05/23/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 8	08/29/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 8	11/29/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 8	03/05/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 8	06/11/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 8	08/15/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 8	11/25/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 8	02/25/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 8	06/15/20	Not Sampled on Current Sample Schedule				
MW - 8	08/27/20	Not Sampled on Current Sample Schedule				
MW - 8	12/01/20	Not Sampled on Current Sample Schedule				
MW - 9	03/09/00	0.0290	0.0090	0.0280	0.0210	
MW - 9	05/11/00	0.0560	0.0340	0.0080	0.0090	
MW - 9	09/12/00	0.2320	0.0310	0.0060	0.0040	
MW - 9	12/14/00	0.0300	0.0150	0.0030	0.0020	
MW - 9	03/21/01	0.1580	0.0810	0.0160	0.0120	
MW - 9	05/30/01	0.5320	<0.005	<0.005	<0.005	
MW - 9	09/25/01	0.4900	0.2120	0.1610	0.0290	
MW - 9	11/17/01	0.0140	0.0470	0.0250	0.0080	
MW - 9	02/20/02	0.1580	0.0420	0.0460	0.0110	
MW - 9	05/08/03	0.4460	0.1880	0.3690	0.3920	
MW - 9	08/19/03	0.0600	0.0050	0.0430	0.0690	
MW - 9	11/07/03	0.0760	0.0010	0.0030	0.0080	
MW - 9	02/09/04	0.0150	0.0130	0.0090	0.0200	
MW - 9	05/04/04	0.3030	0.0110	0.0570	0.0390	
MW - 9	08/23/04	0.0486	<0.001	0.0056	<0.002	
MW - 9	12/04/04	0.0048	<0.001	0.0022	0.0031	
MW - 9	03/07/05	0.0163	<0.005	0.0243	0.0545	
MW - 9	06/07/05	0.0499	0.0183	0.0856	0.1500	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 9	09/07/05	0.0123	0.0073	0.0454	0.0625	
MW - 9	12/14/05	<0.005	<0.005	0.0186	0.0149	
MW - 9	03/06/06	0.0173	0.0390	0.1940	0.2470	
MW - 9	06/05/06	0.0330	<0.005	0.2450	0.3690	
MW - 9	09/11/06	0.0073	<0.001	0.0981	0.1340	
MW - 9	11/21/06	0.0128	<0.001	0.0539	0.0192	
MW - 9	02/20/07	0.0056	<0.001	0.0333	0.0356	
MW - 9	05/15/07	<0.001	<0.001	0.0194	0.0164	
MW - 9	08/09/07	0.0047	<0.001	0.0215	0.0206	
MW - 9	11/13/07	0.0250	0.0092	0.0845	0.1020	
MW - 9	02/14/08	0.0030	<0.001	0.0152	0.0167	
MW - 9	05/16/08	0.0093	<0.001	0.0285	0.0271	
MW - 9	08/19/08	0.0020	<0.001	0.0064	0.0069	
MW - 9	11/19/08	0.0058	<0.001	0.0367	0.0300	
MW - 9	02/18/09	<0.001	<0.001	<0.001	0.0040	
MW - 9	05/19/09	0.0078	<0.001	0.0201	0.0306	
MW - 9	08/13/09	<0.001	<0.001	0.0201	0.0230	
MW - 9	11/11/09	<0.001	<0.001	0.0193	0.0166	
MW - 9	02/04/10	<0.001	<0.001	0.0100	0.0067	
MW - 9	05/07/10	<0.001	<0.001	0.0095	0.0098	
MW - 9	08/06/10	<0.001	<0.001	0.0076	0.0107	
MW - 9	11/05/10	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/11/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	05/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/05/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/17/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/28/12	<0.001	<0.001	<0.001	<0.001	
MW - 9	05/03/12	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/24/12	0.1030	0.0961	0.0914	0.2710	
MW - 9	11/15/12	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/14/13	Not Sampled on Current Sample Schedule				
MW - 9	05/28/13	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/06/13	Not Sampled on Current Sample Schedule				
MW - 9	11/07/13	<0.001	<0.001	<0.001	<0.00300	
MW - 9	03/05/14	Not Sampled on Current Sample Schedule				
MW - 9	05/29/14	<0.001	<0.001	<0.001	<0.00300	
MW - 9	11/12/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 9	02/16/15	Not Sampled on Current Sample Schedule				
MW - 9	05/28/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 9	08/26/15	Not Sampled on Current Sample Schedule				
MW - 9	11/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 9	02/17/16	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 9	05/26/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 9	08/04/16	Not Sampled on Current Sample Schedule				
MW - 9	11/29/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 9	02/27/17	Not Sampled on Current Sample Schedule				
MW - 9	05/18/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 9	08/29/17	Not Sampled on Current Sample Schedule				
MW - 9	11/07/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 9	02/22/18	Not Sampled on Current Sample Schedule				
MW - 9	05/22/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 9	08/29/18	Not Sampled on Current Sample Schedule				
MW - 9	11/29/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 9	03/05/19	Not Sampled on Current Sample Schedule				
MW - 9	06/11/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	08/15/19	Not Sampled on Current Sample Schedule				
MW - 9	11/25/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	02/25/20	Not Sampled on Current Sample Schedule				
MW - 9	06/15/20	Not Sampled on Current Sample Schedule				
MW - 9	08/27/20	Not Sampled on Current Sample Schedule				
MW - 9	12/01/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	05/04/04	4.230	0.1990	0.888	0.779	
MW - 10	03/07/05	5.690	0.4910	0.984	0.908	
MW - 10	06/07/05	4.350	0.0618	0.510	0.264	
MW - 10	09/07/05	5.630	<0.2	1.790	1.180	
MW - 10	12/14/05	2.320	<0.05	<0.05	0.168	
MW - 10	03/06/06	4.930	0.3510	1.390	1.400	
MW - 10	06/05/06	2.050	0.0457	0.792	0.460	
MW - 10	09/11/06	5.450	0.1050	1.420	1.070	
MW - 10	11/21/06	6.560	<0.1	1.420	1.190	
MW - 10	02/20/07	5.400	<0.1	1.290	1.130	
MW - 10	05/15/07	6.810	<0.100	3.230	2.180	
MW - 10	08/09/07	7.190	<0.100	1.470	0.894	
MW - 10	11/13/07	13.500	<0.100	2.890	1.500	
MW - 10	02/14/08	6.990	<0.100	1.760	0.995	
MW - 10	05/16/08	4.720	<0.0500	0.896	0.327	
MW - 10	08/19/08	7.890	<0.100	1.940	1.020	
MW - 10	11/19/08	6.220	<0.100	1.420	1.000	
MW - 10	02/18/09	6.320	<0.001	1.070	0.271	
MW - 10	05/19/09	6.000	<0.100	1.700	1.740	
MW - 10	08/13/09	6.820	<0.100	1.690	1.400	
MW - 10	11/11/09	6.560	<0.100	1.750	0.748	
MW - 10	02/04/10	5.490	<0.100	1.070	0.218	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 10	05/07/10	6.080	<0.100	1.130	0.700	
MW - 10	08/06/10	8.450	<0.050	1.180	0.397	
MW - 10	11/05/10	5.400	<0.0500	1.140	0.641	
MW - 10	02/11/11	7.760	<0.0500	1.500	1.250	
MW - 10	05/09/11	9.730	<0.0500	1.590	0.984	
MW - 10	08/05/11	9.420	<0.0500	1.470	0.973	
MW - 10	11/17/11	5.680	<0.0500	0.630	<0.050	
MW - 10	02/28/12	Not Sampled due to PSH in Well				
MW - 10	05/03/12	Not Sampled due to PSH in Well				
MW - 10	08/24/12	Not Sampled due to PSH in Well				
MW - 10	11/15/12	Not Sampled due to PSH in Well				
MW - 10	02/14/13	Not Sampled due to PSH in Well				
MW - 10	05/28/13	Not Sampled due to PSH in Well				
MW - 10	08/06/13	Not Sampled due to PSH in Well				
MW - 10	02/16/15	Not Sampled due to PSH in Well				
MW - 10	05/28/15	Not Sampled due to PSH in Well				
MW - 10	08/26/15	Not Sampled due to PSH in Well				
MW - 10	11/20/15	Not Sampled due to PSH in Well				
MW - 10	02/17/16	Not Sampled due to PSH in Well				
MW - 10	05/26/16	Not Sampled due to PSH in Well				
MW - 10	08/04/16	0.440	<0.0500	0.155	0.206	
MW - 10	11/29/16	Not Sampled due to PSH in Well				
MW - 10	02/27/17	Not Sampled due to PSH in Well				
MW - 10	05/18/17	Not Sampled due to PSH in Well				
MW - 10	08/29/17	Not Sampled due to PSH in Well				
MW - 10	11/07/17	Not Sampled due to PSH in Well				
MW - 10	02/22/18	Not Sampled due to PSH in Well				
MW - 10	05/23/18	0.312	<0.0100	0.167	0.2113	
MW - 10	08/29/18	Not Sampled due to PSH in Well				
MW - 10	11/29/18	0.497	<0.0500	0.124	0.120	
MW - 10	03/05/19	0.175	0.00379	0.0976	0.1184	
MW - 10	06/11/19	0.0775	0.00715	0.0268	0.0254	
MW - 10	08/15/19	0.363	0.00515	0.0826	0.08345	
MW - 10	11/25/19	0.0952	0.00147	0.0368	0.04469	
MW - 10	02/25/20	0.268	0.0280	0.142	0.2791	
MW - 10	06/15/20	0.447	0.0634	0.153	0.3602	
MW - 10	08/27/20	0.422	0.0374	0.101	0.2226	
MW - 10	12/01/20	0.455	0.0546	0.0345	0.10255	
MW - 11	12/10/04	<0.001	<0.001	<0.001	<0.001	
MW - 11	03/07/05	<0.001	<0.001	<0.001	<0.001	
MW - 11	06/07/05	<0.001	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030					
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62		
MW - 11	09/07/05	Not Sampled					
MW - 11	12/14/05	<0.005	<0.005	<0.005	<0.005		
MW - 11	03/06/06	<0.001	<0.001	<0.001	<0.001		
MW - 11	06/05/06	<0.001	<0.001	<0.001	<0.001		
MW - 11	09/11/06	<0.001	<0.001	<0.001	<0.001		
MW - 11	11/21/06	<0.001	<0.001	<0.001	<0.001		
MW - 11	02/20/07	<0.001	<0.001	<0.001	<0.001		
MW - 11	05/15/07	<0.001	<0.001	<0.001	<0.001		
MW - 11	08/09/07	<0.001	<0.001	<0.001	<0.001		
MW - 11	11/13/07	<0.001	<0.001	<0.001	<0.001		
MW - 11	02/14/08	<0.001	<0.001	<0.001	<0.001		
MW - 11	05/16/08	<0.001	<0.001	<0.001	<0.001		
MW - 11	08/19/08	<0.001	<0.001	<0.001	<0.001		
MW - 11	11/19/08	<0.001	<0.001	<0.001	<0.001		
MW - 11	02/18/09	<0.001	<0.001	<0.001	<0.001		
MW - 11	05/19/09	<0.001	0.0096	0.0108	0.0338		
MW - 11	08/13/09	<0.001	<0.001	<0.001	<0.001		
MW - 11	11/11/09	<0.001	<0.001	<0.001	<0.001		
MW - 11	02/04/10	<0.001	<0.001	<0.001	<0.001		
MW - 11	05/07/10	<0.001	<0.001	<0.001	<0.001		
MW - 11	08/06/10	<0.001	<0.001	<0.001	<0.001		
MW - 11	11/05/10	<0.001	<0.001	<0.001	<0.001		
MW - 11	02/11/11	<0.001	<0.001	<0.001	0.0215		
MW - 11	05/09/11	<0.001	<0.001	<0.001	<0.001		
MW - 11	08/05/11	<0.001	<0.001	<0.001	<0.001		
MW - 11	11/17/11	<0.001	<0.001	<0.001	<0.001		
MW - 11	02/28/12	<0.001	<0.001	<0.001	<0.001		
MW - 11	05/03/12	<0.001	<0.001	<0.001	<0.001		
MW - 11	08/24/12	<0.001	<0.001	<0.001	<0.003		
MW - 11	11/15/12	<0.001	<0.001	<0.001	<0.001		
MW - 11	02/14/13	Not Sampled on Current Sample Schedule					
MW - 11	05/28/13	<0.001	<0.001	<0.001	<0.001		
MW - 11	08/06/13	Not Sampled on Current Sample Schedule					
MW - 11	11/07/13	<0.001	<0.001	<0.001	<0.00300		
MW - 11	02/10/14	Not Sampled on Current Sample Schedule					
MW - 11	05/29/14	<0.001	<0.001	<0.001	<0.00300		
MW - 11	11/15/14	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 11	02/16/15	Not Sampled on Current Sample Schedule					
MW - 11	05/28/15	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 11	08/26/15	Not Sampled on Current Sample Schedule					
MW - 11	11/20/15	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 11	02/17/16	Not Sampled on Current Sample Schedule					

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 11	05/26/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	08/04/16	Not Sampled on Current Sample Schedule				
MW - 11	11/29/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 11	02/27/17	Not Sampled on Current Sample Schedule				
MW - 11	05/18/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 11	08/29/17	Not Sampled on Current Sample Schedule				
MW - 11	11/07/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 11	02/22/18	Not Sampled on Current Sample Schedule				
MW - 11	05/23/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 11	08/29/18	Not Sampled on Current Sample Schedule				
MW - 11	11/29/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 11	03/05/19	Not Sampled on Current Sample Schedule				
MW - 11	06/11/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11	08/15/19	Not Sampled on Current Sample Schedule				
MW - 11	11/25/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11	02/25/20	Not Sampled on Current Sample Schedule				
MW - 11	06/15/20	Not Sampled on Current Sample Schedule				
MW - 11	08/27/20	Not Sampled on Current Sample Schedule				
MW - 11	12/01/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW-12	02/07/14	Installed				
MW-12	03/06/14	0.0219	<0.00100	0.0259	0.0458	
MW-12	05/29/14	0.0166	<0.00100	0.00960	<0.00300	
MW-12	08/12/14	0.0513	<0.00100	<0.00100	<0.00100	
MW-12	11/15/14	0.214	<0.0500	<0.0500	<0.0500	
MW-12	02/16/15	0.0160	<0.00100	<0.00100	<0.00100	
MW-12	05/28/15	0.00900	<0.00100	0.00140	0.0018	
MW-12	08/26/15	0.0103	<0.00100	0.00310	0.00280	
MW-12	11/20/15	0.00670	<0.00100	<0.00100	0.00200	
MW-12	02/17/16	0.00630	<0.00100	<0.00100	<0.00100	
MW-12	05/26/16	0.0144	<0.00100	0.00210	0.00670	
MW-12	08/04/16	0.0152	<0.00100	0.00450	0.00560	
MW-12	11/29/16	0.0124	<0.00200	<0.00200	<0.00200	
MW-12	02/27/17	0.0195	<0.00200	0.00395	0.00243	
MW-12	05/18/17	0.0223	<0.00200	<0.00200	<0.00400	
MW-12	08/29/17	0.0176	<0.00200	<0.00200	<0.002	
MW-12	11/07/17	0.0133	<0.00200	<0.00200	<0.00400	
MW-12	02/22/18	0.00427	<0.00200	<0.00200	<0.00400	
MW-12	05/23/18	0.0129	<0.0100	<0.00500	<0.0200	
MW-12	08/29/18	0.00286	<0.0100	<0.00500	<0.0200	
MW-12	11/29/18	0.00675	<0.0100	<0.00500	<0.0200	
MW-12	03/05/19	0.00500	<0.00100	<0.00100	<0.00200	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW-12	06/11/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW-12	08/15/19	0.00278	<0.00100	<0.00100	<0.00200	
MW-12	11/25/19	0.00364	<0.00100	<0.00100	<0.00200	
MW-12	02/25/20	0.00286	<0.00100	<0.00100	<0.00200	
MW-12	06/15/20	0.00108	<0.00200	<0.00200	<0.00300	
MW-12	08/27/20	0.00340	<0.00100	<0.00100	<0.00200	
MW-12	12/01/20	0.00168	<0.00100	<0.00100	<0.00200	
MW-13	02/07/14	Installed				
MW-13	03/06/14	Not Sampled due to PSH in Well				
MW-13	05/29/14	Not Sampled due to PSH in Well				
MW-13	08/12/14	Not Sampled due to PSH in Well				
MW-13	11/15/14	Not Sampled due to PSH in Well				
MW-13	02/16/15	Not Sampled due to PSH in Well				
MW-13	05/28/15	Not Sampled due to PSH in Well				
MW-13	08/26/15	Not Sampled due to PSH in Well				
MW-13	11/20/15	Not Sampled due to PSH in Well				
MW-13	02/17/16	Not Sampled due to PSH in Well				
MW-13	05/26/16	Not Sampled due to PSH in Well				
MW-13	08/04/16	Not Sampled due to PSH in Well				
MW-13	11/29/16	Not Sampled due to PSH in Well				
MW-13	02/27/17	Not Sampled due to PSH in Well				
MW-13	05/18/17	Not Sampled due to PSH in Well				
MW-13	08/29/17	Not Sampled due to PSH in Well				
MW-13	11/07/17	Not Sampled due to PSH in Well				
MW-13	02/22/18	Not Sampled due to PSH in Well				
MW-13	05/23/18	Not Sampled due to PSH in Well				
MW-13	08/29/18	2.92	<0.100	0.516	0.558	
MW-13	11/29/18	1.03	<0.0500	0.0960	0.115	
MW-13	03/05/19	0.351	0.00821	0.0814	0.09602	
MW-13	06/11/19	0.120	<0.0200	0.0906	0.1256	
MW-13	08/15/19	1.84	0.0102	0.380	0.5005	
MW-13	11/25/19	1.62	0.00208	0.0735	0.1001	
MW-13	02/25/20	2.12	0.0207	0.549	0.6338	
MW-13	06/15/20	2.23	0.0417	0.579	0.6741	
MW-13	08/27/20	2.23	0.0173	0.155	0.1826	
MW-13	12/01/20	2.54	0.0856	0.1150	0.1353	

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05A
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-12

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[ghi]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[ah]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	11/19/08	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.00193	<0.000917	<0.000917	0.0104	<0.000917	0.014	<0.000917	0.047	0.0806	0.0587	0.0152
MW-1	11/11/09	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0110	<0.000917	0.0257	0.0706	0.0474	0.0103	
MW-1	11/05/10	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	0.0114	<0.00188	0.0250	<0.00188	0.0407	0.138	0.0768	0.0219
MW-1	12/16/11	<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	0.0132	<0.000185	0.0116	0.0343	0.0171	0.0144
MW-1	11/15/12	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	0.0236	<0.000189	0.0354	0.101	0.0632	0.0286
MW-1	11/07/13	<0.000200	0.213	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.494	0.112	0.388	<0.000200	0.610	1.21	0.0632	21.4
MW-1	11/15/14	<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-1	11/20/15	<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-1	11/29/16	Not Sampled Due to the Presence of PSH.																		
MW-1	11/07/17	0.00243	0.00172	0.000872	0.00106	<0.000167	<0.000167	<0.000167	<0.000167	0.000216	<0.000167	0.000321	0.00945	<0.000167	0.00938	0.000846	0.0138			0.0179
MW-1	11/29/18	0.00014	0.00016	0.00036	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00051	<0.00011	0.00040	<0.00011	0.00307			0.00075
MW-1	11/25/19	0.00062	0.00074	0.0013	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0024	<0.00010	0.00040	0.0036	<0.00010	0.0060	0.00069	0.017			0.0062
MW-1	12/01/20	0.00019	0.00027	0.00012	0.00017	0.00020	0.00019	0.00019	0.00017	0.00052	0.00020	0.00026	0.00092	0.00023	0.0011	0.00020	0.00463			0.0026
MW-2	11/19/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00525	<0.000922	0.00739	<0.000922	0.0163	0.0252	0.0335	0.00806
MW-2	11/11/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0114	<0.000922	0.0488	0.0930	0.0735	0.0116
MW-2	11/05/10	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	0.00106	<0.000186	0.00238	<0.000186	0.00139	0.00528	0.000936	0.00168
MW-2	12/16/11	<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	0.00346	<0.000185	0.00324	0.00714	0.00306	0.00263
MW-2	11/15/12	Not Sampled Due to the Presence of PSH.																		
MW-2	11/07/13	Not Sampled Due to the Presence of PSH.																		
MW-2	11/15/14	Not Sampled Due to the Presence of PSH.																		
MW-2	11/20/15	Not Sampled Due to the Presence of PSH.																		
MW-2	11/29/16	0.00136	0.000935	0.00586	<0.000481	<0.000481	<0.000481	<0.000481	<0.000481	0.000918	<0.000481	<0.000481	0.000714	<0.000481	0.00554	<0.000481	0.0112			0.00483
MW-2	11/07/17	Not Sampled																		
MW-2	11/29/18	0.00020	0.00024	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00097	<0.00011	0.00079	<0.00011	0.0076			0.0015
MW-2	11/25/19	0.00048	0.00057	0.00043	0.00024	<0.000098	<0.000098	<0.000098	<0.000098	0.00094	<0.000098	0.00026	0.0037	<0.000098	0.0053	0.00035	0.0325			0.0069
MW-2	12/01/20	0.00013	<0.00010	0.00010	0.00010	0.00019	0.00015	0.00020	0.00016	0.00021	0.00019	0.00012	0.00068	0.00027	0.00070	<0.00010	0.00772			0.0019
MW-3	11/19/08	<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	0.00022	<0.000184	<0.000184	<0.000184
MW-3	11/11/09	<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

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 98-05A

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-12

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-3	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/07/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/20/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/29/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/07/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/19/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
MW-5	11/11/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
MW-5	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/07/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/20/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/29/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/07/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/19/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
MW-6	11/11/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-6	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05A
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-12

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-6	11/07/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/20/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/29/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/07/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/19/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
MW-7	11/11/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-7	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/07/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/20/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/29/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/07/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/19/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-8	11/11/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-8	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/07/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/20/15	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05A
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-12

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		----	----	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	----	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			----
MW-8	11/29/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/07/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/19/08	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	0.00427	<0.000935	0.00553	<0.000935	0.00202	0.00876	0.00297	0.00586
MW-9	11/11/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00358	<0.000922	<0.000922	<0.000922	<0.000922	
MW-9	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/16/11	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
MW-9	11/15/12	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	
MW-9	11/07/13	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	
MW-9	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/20/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/29/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/07/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/19/08	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	0.050	<0.00367	0.0652	<0.00367	0.175	0.412	0.380	0.0765	
MW-10	11/11/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0101	<0.000922	0.0474	0.0934	0.0713	0.0125	
MW-10	11/05/10	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	0.00495	<0.000188	0.00732	<0.000188	0.0358	0.0569	0.041	0.00602	
MW-10	12/16/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0151	<0.000184	0.0652	0.0901	0.0815	0.0200	
MW-10	11/15/12	Not Sampled due to the presence of PSH																		
MW-10	11/07/13	Not Sampled due to the presence of PSH																		
MW-10	11/15/14	Not Sampled due to the presence of PSH																		
MW-10	11/20/15	Not Sampled due to the presence of PSH																		
MW-10	11/29/16	Not Sampled due to the presence of PSH																		
MW-10	11/07/17	Not Sampled due to the presence of PSH																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 98-05A

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-12

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-10	11/29/18	0.00037	0.00027	0.00013	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	0.0021	<0.00012	0.0017	<0.00012	0.389		0.0040	
MW-10	11/25/19	0.00059	0.0012	0.0011	0.00013	<0.000098	<0.000098	<0.000098	<0.000098	0.0013	<0.000098	0.00027	0.0082	<0.000098	0.012	0.00044	0.184		0.016	
MW-10	12/01/20	0.00023	0.00036	0.00023	<0.000099	0.00013	0.00016	0.00017	0.00015	0.00045	0.00019	0.00037	0.0021	0.00018	0.0038	0.00019	0.094		0.0048	
MW-11	11/19/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
MW-11	11/11/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
MW-11	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/07/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/20/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/29/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/07/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	03/05/14	<0.00465	<0.00465	<0.00465	<0.00465	<0.00465	<0.00465	<0.00465	<0.00465	<0.00465	<0.00465	<0.00465	<0.00465	<0.00465	<0.00465	<0.00465	0.00956	0.0153	0.0105	<0.00465
MW-12	11/15/14	<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	
MW-12	11/20/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	
MW-12	11/20/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/29/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/07/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	03/05/14	Not Sampled Due to the Presence of PSH.																		
MW-13	11/15/14	Not Sampled Due to the Presence of PSH.																		
MW-13	11/20/15	Not Sampled Due to the Presence of PSH.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 98-05A

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-12

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-13	11/29/16	Not Sampled Due to the Presence of PSH.																		
MW-13	11/07/17	Not Sampled Due to the Presence of PSH.																		
MW-13	11/29/18	0.00018	<0.00011	0.00061	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00096	<0.00011	0.00069	<0.00011	0.0098			0.0015
MW-13	11/25/19	0.00018	0.00026	0.00021	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	0.00022	<0.000098	<0.000098	0.0017	<0.000098	0.0021	0.00010	0.0291			0.0027
MW-13	12/01/20	0.00013	0.00022	0.00022	0.00014	0.00019	0.00015	0.00021	0.00013	0.00029	0.00020	0.00028	0.0012	0.00030	0.0033	0.00023	0.064			0.0026

Appendix A

2020 Laboratory Analytical Reports

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



Analytical Report

Prepared for:

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

Project: 98-05
Project Number: TNM 98-05
Location: None Given
Lab Order Number: 0B27002



NELAP/TCEQ # T104704516-17-8

Report Date: 03/09/20

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW6	0B27002-01	Water	02/25/20 12:27	02-27-2020 08:50
MW8	0B27002-02	Water	02/25/20 12:45	02-27-2020 08:50
MW12	0B27002-03	Water	02/25/20 13:25	02-27-2020 08:50
MW10	0B27002-04	Water	02/25/20 13:41	02-27-2020 08:50
MW1	0B27002-05	Water	02/25/20 13:51	02-27-2020 08:50
MW2	0B27002-06	Water	02/25/20 14:09	02-27-2020 08:50
MW13	0B27002-07	Water	02/25/20 14:59	02-27-2020 08:50

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW6

0B27002-01 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Ethylbenzene	0.00110	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (p/m)	0.00360	0.00200	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>87.2 %</i>	<i>80-120</i>		<i>P0B2704</i>	<i>02/27/20</i>	<i>02/27/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>94.6 %</i>	<i>80-120</i>		<i>P0B2704</i>	<i>02/27/20</i>	<i>02/27/20</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW8

0B27002-02 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		94.8 %	80-120		P0B2704	02/27/20	02/27/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.1 %	80-120		P0B2704	02/27/20	02/27/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW12

0B27002-03 (Water)

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

Organics by GC

Benzene	0.00286	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		94.0 %	80-120		P0B2704	02/27/20	02/27/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.5 %	80-120		P0B2704	02/27/20	02/27/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW10

0B27002-04 (Water)

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

Organics by GC

Benzene	0.268	0.00500	mg/L	5	P0B2704	02/27/20	02/27/20	EPA 8021B	
Toluene	0.0280	0.00500	mg/L	5	P0B2704	02/27/20	02/27/20	EPA 8021B	
Ethylbenzene	0.142	0.00500	mg/L	5	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (p/m)	0.238	0.0100	mg/L	5	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (o)	0.0411	0.00500	mg/L	5	P0B2704	02/27/20	02/27/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>89.1 %</i>		<i>80-120</i>	<i>P0B2704</i>	<i>02/27/20</i>	<i>02/27/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>91.2 %</i>		<i>80-120</i>	<i>P0B2704</i>	<i>02/27/20</i>	<i>02/27/20</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW1

0B27002-05 (Water)

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

Organics by GC

Benzene	0.113	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Toluene	0.00206	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Ethylbenzene	0.00742	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (p/m)	0.00313	0.00200	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (o)	0.0131	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		88.0 %		80-120	P0B2704	02/27/20	02/27/20	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		92.4 %		80-120	P0B2704	02/27/20	02/27/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW2

0B27002-06 (Water)

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

Organics by GC

Benzene	0.108	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Toluene	0.00615	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Ethylbenzene	0.0560	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (p/m)	0.0590	0.00200	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (o)	0.00665	0.00100	mg/L	1	P0B2704	02/27/20	02/27/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>89.8 %</i>		<i>80-120</i>	<i>P0B2704</i>	<i>02/27/20</i>	<i>02/27/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>90.5 %</i>		<i>80-120</i>	<i>P0B2704</i>	<i>02/27/20</i>	<i>02/27/20</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW13

0B27002-07 (Water)

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

Organics by GC

Benzene	2.12	0.0100	mg/L	10	P0B2704	02/27/20	02/27/20	EPA 8021B	
Toluene	0.0207	0.0100	mg/L	10	P0B2704	02/27/20	02/27/20	EPA 8021B	
Ethylbenzene	0.549	0.0100	mg/L	10	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (p/m)	0.615	0.0200	mg/L	10	P0B2704	02/27/20	02/27/20	EPA 8021B	
Xylene (o)	0.0188	0.0100	mg/L	10	P0B2704	02/27/20	02/27/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		88.1 %		80-120	P0B2704	02/27/20	02/27/20	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		103 %		80-120	P0B2704	02/27/20	02/27/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0B2704 - General Preparation (GC)

Blank (P0B2704-BLK1)

Prepared & Analyzed: 02/27/20

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.5	80-120			

LCS (P0B2704-BS1)

Prepared & Analyzed: 02/27/20

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		105	80-120			
Xylene (o)	0.0984	0.00100	"	0.100		98.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

LCS Dup (P0B2704-BS1)

Prepared & Analyzed: 02/27/20

Benzene	0.101	0.00100	mg/L	0.100		101	80-120	3.28	20	
Toluene	0.0985	0.00100	"	0.100		98.5	80-120	1.61	20	
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120	4.77	20	
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120	2.28	20	
Xylene (o)	0.0982	0.00100	"	0.100		98.2	80-120	0.275	20	
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Calibration Blank (P0B2704-CCB1)

Prepared & Analyzed: 02/27/20

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.6	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0B2704 - General Preparation (GC)

Calibration Blank (P0B2704-CCB2)

Prepared & Analyzed: 02/27/20

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.8	80-120			

Calibration Check (P0B2704-CCV1)

Prepared & Analyzed: 02/27/20

Benzene	0.0992	0.00100	mg/L	0.100		99.2	80-120			
Toluene	0.0955	0.00100	"	0.100		95.5	80-120			
Ethylbenzene	0.0968	0.00100	"	0.100		96.8	80-120			
Xylene (p/m)	0.195	0.00200	"	0.200		97.6	80-120			
Xylene (o)	0.0986	0.00100	"	0.100		98.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Calibration Check (P0B2704-CCV2)

Prepared & Analyzed: 02/27/20

Benzene	0.105	0.00100	mg/L	0.100		105	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120			
Xylene (o)	0.0998	0.00100	"	0.100		99.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		98.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

Calibration Check (P0B2704-CCV3)

Prepared & Analyzed: 02/27/20

Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.0964	0.00100	"	0.100		96.4	80-120			
Ethylbenzene	0.0966	0.00100	"	0.100		96.6	80-120			
Xylene (p/m)	0.189	0.00200	"	0.200		94.7	80-120			
Xylene (o)	0.0980	0.00100	"	0.100		98.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		102	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0B2704 - General Preparation (GC)

Matrix Spike (P0B2704-MS1)

Source: 0B25003-01

Prepared & Analyzed: 02/27/20

Benzene	0.113	0.00100	mg/L	0.100	ND	113	80-120			
Toluene	0.106	0.00100	"	0.100	ND	106	80-120			
Ethylbenzene	0.102	0.00100	"	0.100	ND	102	80-120			
Xylene (p/m)	0.213	0.00200	"	0.200	ND	106	80-120			
Xylene (o)	0.105	0.00100	"	0.100	ND	105	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

Notes and Definitions

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

Report Approved By:



Date:

3/9/2020

Brent Barron, Laboratory Director/Technical Director

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Permian Basin Environmental Lab, L.P.

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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager: Wt Stanley
Company Name: TRC Solutions
Company Address: 10 Bestg Dr

Project Name: 98-05

Page 14 of 14

City/State/Zip: Midland TX 79705Project Loc: 98-05Telephone No: (432) 520-7720

PO #:

Fax No:

Sampler Signature: Edwards Stanley

e-mail:

Report Format:

☐ Standard ☐ TRRP ☐ NPDES
ORDER #: OB27002

(lab use only)

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₈	None	Other (Specify)	DW=Drinking Water SL=Sludge	GW=Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	TPH by TX 1005 8015B 8016M	Chloride	BTEX by 8021B	
1	Mw6			2-25	1227		3	X														
2	Mw8				1245																	
3	Mw12				1325																	
4	Mw10				1341																	
5	Mw1				1351																	
6	Mw2				1409																	
7	Mw13				1459																	

Special Instructions:

Relinquished by:

Date

Time

Received by:

Relinquished by:

Date

Time

Received by:

Relinquished by:

Date

Time

Received by:

Laboratory Comments:

Sample Containers Intact?

VOG's Free of Headspace?

Labels on container(s)?

Custody seals on container(s)?

Sample Hand Delivered

by Counter? UFS DHL

Temperature Upon Receipt:

Adjusted: 4.55 °C Factor

Analyze For:

TOTAL:

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

Standard TAT

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



Analytical Report

Prepared for:

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

Project: 98-05
Project Number: TNM 98-05
Location:
Lab Order Number: 0F19005



NELAP/TCEQ # T104704516-17-8

Report Date: 06/30/20

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW12	0F19005-01	Water	06/15/20 13:28	06-19-2020 09:35
MW10	0F19005-02	Water	06/15/20 13:51	06-19-2020 09:35
MW1	0F19005-03	Water	06/15/20 14:11	06-19-2020 09:35
MW2	0F19005-04	Water	06/15/20 14:27	06-19-2020 09:35
MW13	0F19005-05	Water	06/15/20 15:10	06-19-2020 09:35

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW12

0F19005-01 (Water)

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

Organics by GC

Benzene	0.00108	0.00100	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Toluene	ND	0.00200	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00300	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Xylene (o)	ND	0.00200	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.2 %		80-120	P0F2203	06/22/20	06/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.2 %		80-120	P0F2203	06/22/20	06/23/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW10

0F19005-02 (Water)

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

Organics by GC

Benzene	0.447	0.00500	mg/L	5	P0F2203	06/22/20	06/24/20	EPA 8021B	
Toluene	0.0634	0.0100	mg/L	5	P0F2203	06/22/20	06/24/20	EPA 8021B	
Ethylbenzene	0.153	0.0100	mg/L	5	P0F2203	06/22/20	06/24/20	EPA 8021B	
Xylene (p/m)	0.324	0.0150	mg/L	5	P0F2203	06/22/20	06/24/20	EPA 8021B	
Xylene (o)	0.0362	0.0100	mg/L	5	P0F2203	06/22/20	06/24/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		83.7 %	80-120		P0F2203	06/22/20	06/24/20	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		99.2 %	80-120		P0F2203	06/22/20	06/24/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW1

0F19005-03 (Water)

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

Organics by GC

Benzene	0.104	0.00100	mg/L	1	P0F2203	06/22/20	06/24/20	EPA 8021B	
Toluene	0.00280	0.00200	mg/L	1	P0F2203	06/22/20	06/24/20	EPA 8021B	
Ethylbenzene	0.0126	0.00200	mg/L	1	P0F2203	06/22/20	06/24/20	EPA 8021B	
Xylene (p/m)	0.00445	0.00300	mg/L	1	P0F2203	06/22/20	06/24/20	EPA 8021B	
Xylene (o)	0.00842	0.00200	mg/L	1	P0F2203	06/22/20	06/24/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		73.8 %		80-120	P0F2203	06/22/20	06/24/20	EPA 8021B	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>		95.2 %		80-120	P0F2203	06/22/20	06/24/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW2

0F19005-04 (Water)

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

Organics by GC

Benzene	0.118	0.00100	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Toluene	0.00611	0.00200	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Ethylbenzene	0.0422	0.00200	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Xylene (p/m)	0.0556	0.00300	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Xylene (o)	0.00390	0.00200	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>91.3 %</i>	<i>80-120</i>		<i>P0F2203</i>	<i>06/22/20</i>	<i>06/23/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>97.1 %</i>	<i>80-120</i>		<i>P0F2203</i>	<i>06/22/20</i>	<i>06/23/20</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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10 Desta Dr STE 150E
Midland TX, 79705

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW13

0F19005-05 (Water)

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

Organics by GC

Benzene	2.23	0.0100	mg/L	10	P0F2203	06/22/20	06/24/20	EPA 8021B	
Toluene	0.0417	0.0200	mg/L	10	P0F2203	06/22/20	06/24/20	EPA 8021B	
Ethylbenzene	0.579	0.0200	mg/L	10	P0F2203	06/22/20	06/24/20	EPA 8021B	
Xylene (p/m)	0.629	0.0300	mg/L	10	P0F2203	06/22/20	06/24/20	EPA 8021B	
Xylene (o)	0.0451	0.0200	mg/L	10	P0F2203	06/22/20	06/24/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		76.5 %	80-120		P0F2203	06/22/20	06/24/20	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		94.5 %	80-120		P0F2203	06/22/20	06/24/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0F2203 - General Preparation (GC)

Blank (P0F2203-BLK1)

Prepared: 06/22/20 Analyzed: 06/23/20

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00200	"							
Xylene (p/m)	ND	0.00300	"							
Xylene (o)	ND	0.00200	"							
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.0	80-120			

LCS (P0F2203-BS1)

Prepared: 06/22/20 Analyzed: 06/23/20

Benzene	0.0846	0.00100	mg/L	0.100		84.6	80-120			
Toluene	0.0945	0.00500	"	0.100		94.5	80-120			
Ethylbenzene	0.105	0.00500	"	0.100		105	80-120			
Xylene (p/m)	0.215	0.00500	"	0.200		108	80-120			
Xylene (o)	0.111	0.00500	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.7	80-120			

LCS Dup (P0F2203-BS1)

Prepared: 06/22/20 Analyzed: 06/23/20

Benzene	0.0826	0.00100	mg/L	0.100		82.6	80-120	2.33	20	
Toluene	0.0921	0.00500	"	0.100		92.1	80-120	2.55	20	
Ethylbenzene	0.108	0.00500	"	0.100		108	80-120	3.59	20	
Xylene (p/m)	0.212	0.00500	"	0.200		106	80-120	1.35	20	
Xylene (o)	0.113	0.00500	"	0.100		113	80-120	1.43	20	
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.7	80-120			

Calibration Check (P0F2203-CCV1)

Prepared: 06/22/20 Analyzed: 06/23/20

Benzene	0.0856	0.00100	mg/L	0.100		85.6	80-120			
Toluene	0.0946	0.00500	"	0.100		94.6	80-120			
Ethylbenzene	0.0997	0.00500	"	0.100		99.7	80-120			
Xylene (p/m)	0.209	0.00500	"	0.200		105	80-120			
Xylene (o)	0.111	0.00500	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.1	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0F2203 - General Preparation (GC)

Calibration Check (P0F2203-CCV2)				Prepared: 06/22/20		Analyzed: 06/23/20				
Benzene	0.0868	0.00100	mg/L	0.100		86.8	80-120			
Toluene	0.0952	0.00500	"	0.100		95.2	80-120			
Ethylbenzene	0.103	0.00500	"	0.100		103	80-120			
Xylene (p/m)	0.212	0.00500	"	0.200		106	80-120			
Xylene (o)	0.109	0.00500	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.1	80-120			

Calibration Check (P0F2203-CCV3)				Prepared: 06/22/20		Analyzed: 06/24/20				
Benzene	0.0879	0.00100	mg/L	0.100		87.9	80-120			
Toluene	0.0945	0.00500	"	0.100		94.5	80-120			
Ethylbenzene	0.0994	0.00500	"	0.100		99.4	80-120			
Xylene (p/m)	0.205	0.00500	"	0.200		103	80-120			
Xylene (o)	0.112	0.00500	"	0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

Matrix Spike (P0F2203-MS1)				Source: 0F18006-11		Prepared: 06/22/20		Analyzed: 06/24/20			
Benzene	0.140	0.00100	mg/L	0.100	0.0933	47.0	80-120			QM-07	
Toluene	0.102	0.00500	"	0.100	ND	102	80-120				
Ethylbenzene	0.108	0.00500	"	0.100	ND	108	80-120				
Xylene (p/m)	0.235	0.00500	"	0.200	0.0269	104	80-120				
Xylene (o)	0.115	0.00500	"	0.100	ND	115	80-120				
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.7	80-120				
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120				

Matrix Spike Dup (P0F2203-MSD1)				Source: 0F18006-11		Prepared: 06/22/20		Analyzed: 06/24/20			
Benzene	0.137	0.00100	mg/L	0.100	0.0933	44.0	80-120	6.70	20	QM-07	
Toluene	0.100	0.00500	"	0.100	ND	100	80-120	1.52	20		
Ethylbenzene	0.111	0.00500	"	0.100	ND	111	80-120	3.49	20		
Xylene (p/m)	0.236	0.00500	"	0.200	0.0269	104	80-120	0.216	20		
Xylene (o)	0.116	0.00500	"	0.100	ND	116	80-120	0.425	20		
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.2	80-120				
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.9	80-120				

Permian Basin Environmental Lab, L.P.

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

6/30/2020

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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

PBB LAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager:

Gail Stanley

Project Name:

98-05

Company Name:

TRC

Project #:

Company Address:

10 Delta Dr

Project Loc:

City/State/Zip:

Midland TX 79705

PO #:

Telephone No:

432) 526-7720

Fax No:

Report Format: ☐ Standard ☐ TRRP ☐ NPDES

Sampler Signature:

[Signature]

e-mail:

(Lab use only)

ORDER #: 061905

LAB # (Lab use only)		FIELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers							Matrix	Analyze For:		RUSH TAT (Pre-Schedule) 24, 48, 72 hrs														
										Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge	GW=Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	TPH: TX 1005 TX 1006	Anions (Cl, SO ₄ , Alkalinity)	BTEX 8021B/5030 or BTEX 8260	TCLP:	TOTAL:									
1	MW 12					6-15	1328		3	X		X							GW															
2	MW 10						1351																											
3	MW 1						1411																											
4	MW 2						1427																											
5	MW 13						1510																											

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments		Sample Containers in Use?		VOCs Free of Headspace?		Labile or Equilibrium?		Custody seals on containers?		Custody seals in room?		Sample Hand Delivered?		by Courier?		UPS		DHL		FedEx		None Star	
Received	4/5/21	4/5/21	4/5/21	4/5/21	4/5/21	4/5/21	4/5/21	4/5/21	4/5/21	4/5/21	4/5/21	4/5/21	4/5/21	4/5/21	4/5/21	4/5/21	4/5/21	4/5/21	4/5/21	4/5/21	4/5/21	4/5/21	

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



Analytical Report

Prepared for:

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

Project: 98-05
Project Number: TNM 98-05
Location:
Lab Order Number: 0H28002



NELAP/TCEQ # T104704516-17-8

Report Date: 09/08/20

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW6	0H28002-01	Water	08/27/20 13:10	08-28-2020 09:19
MW12	0H28002-02	Water	08/27/20 13:50	08-28-2020 09:19
MW1	0H28002-03	Water	08/27/20 14:05	08-28-2020 09:19
MW2	0H28002-04	Water	08/27/20 14:25	08-28-2020 09:19
MW10	0H28002-05	Water	08/27/20 14:43	08-28-2020 09:19
MW13	0H28002-06	Water	08/27/20 15:28	08-28-2020 09:19

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW6
0H28002-01 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	POI0108	09/01/20	09/02/20	EPA 8021B
Toluene	ND	0.00100	mg/L	1	POI0108	09/01/20	09/02/20	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	POI0108	09/01/20	09/02/20	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	POI0108	09/01/20	09/02/20	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	POI0108	09/01/20	09/02/20	EPA 8021B
Surrogate: 4-Bromofluorobenzene		93.5 %		80-120	POI0108	09/01/20	09/02/20	EPA 8021B
Surrogate: 1,4-Difluorobenzene		91.7 %		80-120	POI0108	09/01/20	09/02/20	EPA 8021B

Permian Basin Environmental Lab, L.P.

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW12

0H28002-02 (Water)

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

Organics by GC

Benzene	0.00340	0.00100	mg/L	1	P0I0108	09/01/20	09/02/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0I0108	09/01/20	09/02/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0I0108	09/01/20	09/02/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0I0108	09/01/20	09/02/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0I0108	09/01/20	09/02/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		91.9 %	80-120		P0I0108	09/01/20	09/02/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		91.6 %	80-120		P0I0108	09/01/20	09/02/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW1

0H28002-03 (Water)

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

Organics by GC

Benzene	0.0912	0.00100	mg/L	1	POI0108	09/01/20	09/02/20	EPA 8021B	
Toluene	0.00249	0.00100	mg/L	1	POI0108	09/01/20	09/02/20	EPA 8021B	
Ethylbenzene	0.00566	0.00100	mg/L	1	POI0108	09/01/20	09/02/20	EPA 8021B	
Xylene (p/m)	0.00249	0.00200	mg/L	1	POI0108	09/01/20	09/02/20	EPA 8021B	
Xylene (o)	0.00531	0.00100	mg/L	1	POI0108	09/01/20	09/02/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		77.4 %	80-120		POI0108	09/01/20	09/02/20	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		91.1 %	80-120		POI0108	09/01/20	09/02/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW2

0H28002-04 (Water)

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

Organics by GC

Benzene	0.174	0.00100	mg/L	1	POI0108	09/01/20	09/02/20	EPA 8021B	
Toluene	0.00732	0.00100	mg/L	1	POI0108	09/01/20	09/02/20	EPA 8021B	
Ethylbenzene	0.0327	0.00100	mg/L	1	POI0108	09/01/20	09/02/20	EPA 8021B	
Xylene (p/m)	0.0488	0.00200	mg/L	1	POI0108	09/01/20	09/02/20	EPA 8021B	
Xylene (o)	0.00350	0.00100	mg/L	1	POI0108	09/01/20	09/02/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		83.0 %	80-120		POI0108	09/01/20	09/02/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		87.5 %	80-120		POI0108	09/01/20	09/02/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW10

0H28002-05 (Water)

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

Organics by GC

Benzene	0.422	0.00500	mg/L	5	P0I0108	09/01/20	09/02/20	EPA 8021B	
Toluene	0.0374	0.00500	mg/L	5	P0I0108	09/01/20	09/02/20	EPA 8021B	
Ethylbenzene	0.101	0.00500	mg/L	5	P0I0108	09/01/20	09/02/20	EPA 8021B	
Xylene (p/m)	0.201	0.0100	mg/L	5	P0I0108	09/01/20	09/02/20	EPA 8021B	
Xylene (o)	0.0216	0.00500	mg/L	5	P0I0108	09/01/20	09/02/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		81.3 %	80-120		P0I0108	09/01/20	09/02/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		84.1 %	80-120		P0I0108	09/01/20	09/02/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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10 Desta Dr STE 150E
Midland TX, 79705

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW13

0H28002-06 (Water)

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

Organics by GC

Benzene	2.23	0.0100	mg/L	10	POI0108	09/01/20	09/02/20	EPA 8021B	
Toluene	0.0173	0.0100	mg/L	10	POI0108	09/01/20	09/02/20	EPA 8021B	
Ethylbenzene	0.155	0.0100	mg/L	10	POI0108	09/01/20	09/02/20	EPA 8021B	
Xylene (p/m)	0.172	0.0200	mg/L	10	POI0108	09/01/20	09/02/20	EPA 8021B	
Xylene (o)	0.0106	0.0100	mg/L	10	POI0108	09/01/20	09/02/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		76.0 %		80-120	POI0108	09/01/20	09/02/20	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		92.5 %		80-120	POI0108	09/01/20	09/02/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P010108 - General Preparation (GC)

Blank (P010108-BLK1)

Prepared: 09/01/20 Analyzed: 09/02/20

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.9	80-120			

LCS (P010108-BS1)

Prepared: 09/01/20 Analyzed: 09/02/20

Benzene	0.110	0.00100	mg/L	0.100		110	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		105	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.3	80-120			

LCS Dup (P010108-BS1)

Prepared: 09/01/20 Analyzed: 09/02/20

Benzene	0.106	0.00100	mg/L	0.100		106	80-120	3.30	20	
Toluene	0.103	0.00100	"	0.100		103	80-120	3.33	20	
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120	3.45	20	
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120	2.24	20	
Xylene (o)	0.107	0.00100	"	0.100		107	80-120	1.71	20	
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.6	80-120			

Calibration Blank (P010108-CCB1)

Prepared: 09/01/20 Analyzed: 09/02/20

Benzene	0.380		mg/L							
Toluene	0.930		"							
Ethylbenzene	0.800		"							
Xylene (p/m)	1.79		"							
Xylene (o)	0.800		"							
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		91.1	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P010108 - General Preparation (GC)

Calibration Blank (P010108-CCB2)

Prepared: 09/01/20 Analyzed: 09/02/20

Benzene	0.00		mg/L							
Toluene	0.510		"							
Ethylbenzene	0.650		"							
Xylene (p/m)	1.66		"							
Xylene (o)	0.710		"							
Surrogate: 4-Bromofluorobenzene	0.106		"	0.120		88.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.2	80-120			

Calibration Check (P010108-CCV1)

Prepared: 09/01/20 Analyzed: 09/02/20

Benzene	0.109	0.00100	mg/L	0.100		109	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		105	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.2	80-120			

Calibration Check (P010108-CCV2)

Prepared: 09/01/20 Analyzed: 09/02/20

Benzene	0.110	0.00100	mg/L	0.100		110	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.0991	0.00100	"	0.100		99.1	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		96.2	80-120			
Xylene (o)	0.0997	0.00100	"	0.100		99.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.101		"	0.120		83.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.1	80-120			

Calibration Check (P010108-CCV3)

Prepared: 09/01/20 Analyzed: 09/02/20

Benzene	0.112	0.00100	mg/L	0.100		112	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.199	0.00200	"	0.200		99.7	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.0914		"	0.120		76.1	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.2	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0I0108 - General Preparation (GC)

Matrix Spike (P0I0108-MS1)		Source: 0I01002-01		Prepared: 09/01/20		Analyzed: 09/02/20				
Benzene	0.110	0.00100	mg/L	0.100	ND	110	80-120			
Toluene	0.106	0.00100	"	0.100	ND	106	80-120			
Ethylbenzene	0.110	0.00100	"	0.100	ND	110	80-120			
Xylene (p/m)	0.190	0.00200	"	0.200	ND	95.1	80-120			
Xylene (o)	0.0979	0.00100	"	0.100	ND	97.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.0915		"	0.120		76.2	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		93.9	80-120			

Matrix Spike Dup (P0I0108-MSD1)		Source: 0I01002-01		Prepared: 09/01/20		Analyzed: 09/02/20				
Benzene	0.116	0.00100	mg/L	0.100	ND	116	80-120	5.35	20	
Toluene	0.107	0.00100	"	0.100	ND	107	80-120	1.16	20	
Ethylbenzene	0.115	0.00100	"	0.100	ND	115	80-120	4.55	20	
Xylene (p/m)	0.209	0.00200	"	0.200	ND	104	80-120	9.23	20	
Xylene (o)	0.106	0.00100	"	0.100	ND	106	80-120	8.28	20	
Surrogate: 4-Bromofluorobenzene	0.100		"	0.120		83.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		93.8	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date: 9/8/2020

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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

PBBLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager:

Lurt Stanley

Company Name

TRC

Company Address:

10 Dosta Dr

City/State/Zip:

Midland Tx 79705

Telephone No:

(432) 520-7720

Fax No:

Sampler Signature:

M. O. Hansen

e-mail:

Project Name:

98-05

Project #:

Project Loc:

PO #:

Report Format

☒ Standard☐ TRRP☐ NPDES

(Lab use only)
ORDER #: 04280002

LAB # (Lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers	Matrix	Analyze For:	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	mw 6			8-27-20	1310		3	Ice		TCLP:		
2	mw 12				1350			HNO ₃		TOTAL:		
3	mw 1				1405			HCl				
4	mw 2				1425			H ₂ SO ₄				
5	mw 10				1443			NaOH				
6	mw 13				1528			Na ₂ S ₂ O ₃				
								None				
								Other (Specify)				
								DW=Drinking Water SL=Sludge				
								GW=Groundwater S=Soil/Solid				
								NP=Non-Potable Speedy Other				
								TPH: TX 10D5 TX 10D8				
								Anions (Cl, SO ₄ , Alkalinity)				
								BTEX 8021 8/5030 or BTEX 8260				

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers (if any):

WOCs Free of Headspace:

Labels (or equivalent):

Custom seals on containers:

Green seal on container:

Sample Hand Delivered:

by Carrier?

Temperature Upon Receipt:

Adjusted:

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



Analytical Report

Prepared for:

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

Project: 98-05
Project Number: TNM 98-05
Location:
Lab Order Number: 0L03001



NELAP/TCEQ # T104704516-17-8

Report Date: 12/15/20

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW3	0L03001-01	Water	12/01/20 12:47	12-03-2020 08:20
MW5	0L03001-02	Water	12/01/20 13:05	12-03-2020 08:20
MW7	0L03001-03	Water	12/01/20 13:30	12-03-2020 08:20
MW9	0L03001-04	Water	12/01/20 13:46	12-03-2020 08:20
MW11	0L03001-05	Water	12/01/20 14:02	12-03-2020 08:20
MW12	0L03001-06	Water	12/01/20 14:38	12-03-2020 08:20
MW1	0L03001-07	Water	12/01/20 15:01	12-03-2020 08:20
MW2	0L03001-08	Water	12/01/20 15:20	12-03-2020 08:20
MW10	0L03001-09	Water	12/01/20 15:37	12-03-2020 08:20
MW13	0L03001-10	Water	12/01/20 16:17	12-03-2020 08:20

PAH analysis was subcontracted to ALS Houston. Their report is attached after the Chain of Custody. Their TCEQ TNI certification number can be found here:

https://www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/labs/als_svcs_houston.pdf

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW3

0L03001-01 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.7 %		80-120	P0L0804	12/08/20	12/08/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		101 %		80-120	P0L0804	12/08/20	12/08/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW5

0L03001-02 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.4 %		80-120	P0L0804	12/08/20	12/08/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.3 %		80-120	P0L0804	12/08/20	12/08/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW7

0L03001-03 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.2 %		80-120	P0L0804	12/08/20	12/08/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		91.9 %		80-120	P0L0804	12/08/20	12/08/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW9

0L03001-04 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		100 %	80-120		P0L0804	12/08/20	12/08/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.4 %	80-120		P0L0804	12/08/20	12/08/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW11

0L03001-05 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/08/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		93.2 %		80-120	P0L0804	12/08/20	12/08/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.4 %		80-120	P0L0804	12/08/20	12/08/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW12

0L03001-06 (Water)

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

Organics by GC

Benzene	0.00168	0.00100	mg/L	1	P0L0804	12/08/20	12/09/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/09/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/09/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L0804	12/08/20	12/09/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/09/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		94.9 %	80-120		P0L0804	12/08/20	12/09/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.8 %	80-120		P0L0804	12/08/20	12/09/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW1

0L03001-07 (Water)

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

Organics by GC

Benzene	0.120	0.00100	mg/L	1	P0L0804	12/08/20	12/09/20	EPA 8021B	
Toluene	0.0137	0.00100	mg/L	1	P0L0804	12/08/20	12/09/20	EPA 8021B	
Ethylbenzene	0.00118	0.00100	mg/L	1	P0L0804	12/08/20	12/09/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L0804	12/08/20	12/09/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/09/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		91.8 %		80-120	P0L0804	12/08/20	12/09/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		94.2 %		80-120	P0L0804	12/08/20	12/09/20	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.0024	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
2-Methylnaphthalene	0.00063	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Acenaphthene	0.00019	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Acenaphthylene	0.00027	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Anthracene	0.00012	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Benzo (a) anthracene	0.00017	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Benzo (a) pyrene	0.00020	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Benzo (b) fluoranthene	0.00019	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Benzo (g,h,i) perylene	0.00019	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Benzo (k) fluoranthene	0.00017	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Chrysene	0.00052	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Dibenzo (a,h) anthracene	0.00020	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Dibenzofuran	0.0026	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Fluoranthene	0.00026	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Fluorene	0.00092	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	0.00023	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Naphthalene	0.0016	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Phenanthrene	0.0011	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Pyrene	0.00020	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW2

0L03001-08 (Water)

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

Organics by GC

Benzene	0.172	0.00100	mg/L	1	P0L0804	12/08/20	12/09/20	EPA 8021B	
Toluene	0.0112	0.00100	mg/L	1	P0L0804	12/08/20	12/09/20	EPA 8021B	
Ethylbenzene	0.0122	0.00100	mg/L	1	P0L0804	12/08/20	12/09/20	EPA 8021B	
Xylene (p/m)	0.0177	0.00200	mg/L	1	P0L0804	12/08/20	12/09/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L0804	12/08/20	12/09/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.7 %		80-120	P0L0804	12/08/20	12/09/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.6 %		80-120	P0L0804	12/08/20	12/09/20	EPA 8021B	

PAH compounds by Semivolatiles GCMS

1-Methylnaphthalene	0.0043	0.00010	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
2-Methylnaphthalene	0.00072	0.00010	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Acenaphthene	0.00013	0.00010	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Anthracene	0.00010	0.00010	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Benzo (a) anthracene	0.00010	0.00010	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Benzo (a) pyrene	0.00019	0.00010	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Benzo (b) fluoranthene	0.00015	0.00010	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Benzo (g,h,i) perylene	0.00020	0.00010	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Benzo (k) fluoranthene	0.00016	0.00010	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Chrysene	0.00021	0.00010	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Dibenzo (a,h) anthracene	0.00019	0.00010	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Dibenzofuran	0.0019	0.00010	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Fluoranthene	0.00012	0.00010	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Fluorene	0.00068	0.00010	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	0.00027	0.00010	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Naphthalene	0.0027	0.00010	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Phenanthrene	0.00070	0.00010	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW10
0L03001-09 (Water)

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

Organics by GC

Benzene	0.455	0.00500	mg/L	5	P0L0804	12/08/20	12/09/20	EPA 8021B	
Toluene	0.0546	0.00500	mg/L	5	P0L0804	12/08/20	12/09/20	EPA 8021B	
Ethylbenzene	0.0345	0.00500	mg/L	5	P0L0804	12/08/20	12/09/20	EPA 8021B	
Xylene (p/m)	0.0962	0.0100	mg/L	5	P0L0804	12/08/20	12/09/20	EPA 8021B	
Xylene (o)	0.00635	0.00500	mg/L	5	P0L0804	12/08/20	12/09/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.2 %		80-120	P0L0804	12/08/20	12/09/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		88.6 %		80-120	P0L0804	12/08/20	12/09/20	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.042	0.00099	mg/L	10	P0L1402	12/07/20	12/09/20	8270C	SUB-13
2-Methylnaphthalene	0.026	0.00099	mg/L	10	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Acenaphthene	0.00023	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Acenaphthylene	0.00036	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Anthracene	0.00023	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Benzo (a) anthracene	ND	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Benzo (a) pyrene	0.00013	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Benzo (b) fluoranthene	0.00016	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Benzo (g,h,i) perylene	0.00017	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Benzo (k) fluoranthene	0.00015	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Chrysene	0.00045	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Dibenzo (a,h) anthracene	0.00019	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Dibenzofuran	0.0048	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Fluoranthene	0.00037	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Fluorene	0.0021	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	0.00018	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Naphthalene	0.026	0.00099	mg/L	10	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Phenanthrene	0.0038	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Pyrene	0.00019	0.000099	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW13
0L03001-10 (Water)

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

Organics by GC

Benzene	2.54	0.0100	mg/L	10	P0L0804	12/08/20	12/09/20	EPA 8021B	
Toluene	0.0856	0.0100	mg/L	10	P0L0804	12/08/20	12/09/20	EPA 8021B	
Ethylbenzene	0.115	0.0100	mg/L	10	P0L0804	12/08/20	12/09/20	EPA 8021B	
Xylene (p/m)	0.120	0.0200	mg/L	10	P0L0804	12/08/20	12/09/20	EPA 8021B	
Xylene (o)	0.0153	0.0100	mg/L	10	P0L0804	12/08/20	12/09/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		86.8 %		80-120	P0L0804	12/08/20	12/09/20	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		93.7 %		80-120	P0L0804	12/08/20	12/09/20	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.027	0.00098	mg/L	10	P0L1402	12/07/20	12/09/20	8270C	SUB-13
2-Methylnaphthalene	0.017	0.00098	mg/L	10	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Acenaphthene	0.00013	0.000098	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Acenaphthylene	0.00022	0.000098	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Anthracene	0.00022	0.000098	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Benzo (a) anthracene	0.00014	0.000098	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Benzo (a) pyrene	0.00019	0.000098	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Benzo (b) fluoranthene	0.00015	0.000098	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Benzo (g,h,i) perylene	0.00021	0.000098	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Benzo (k) fluoranthene	0.00013	0.000098	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Chrysene	0.00029	0.000098	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Dibenzo (a,h) anthracene	0.00020	0.000098	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Dibenzofuran	0.0026	0.000098	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Fluoranthene	0.00028	0.000098	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Fluorene	0.0012	0.000098	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	0.00030	0.000098	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Naphthalene	0.020	0.00098	mg/L	10	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Phenanthrene	0.0033	0.000098	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13
Pyrene	0.00023	0.000098	mg/L	1	P0L1402	12/07/20	12/09/20	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0L0804 - General Preparation (GC)

Blank (P0L0804-BLK1)

Prepared & Analyzed: 12/08/20

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

LCS (P0L0804-BS1)

Prepared & Analyzed: 12/08/20

Benzene	0.0974	0.00100	mg/L	0.100		97.4	80-120			
Toluene	0.0838	0.00100	"	0.100		83.8	80-120			
Ethylbenzene	0.0902	0.00100	"	0.100		90.2	80-120			
Xylene (p/m)	0.172	0.00200	"	0.200		86.2	80-120			
Xylene (o)	0.0818	0.00100	"	0.100		81.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

LCS Dup (P0L0804-BSD1)

Prepared & Analyzed: 12/08/20

Benzene	0.101	0.00100	mg/L	0.100		101	80-120	3.23	20	
Toluene	0.0883	0.00100	"	0.100		88.3	80-120	5.17	20	
Ethylbenzene	0.0949	0.00100	"	0.100		94.9	80-120	5.11	20	
Xylene (p/m)	0.179	0.00200	"	0.200		89.3	80-120	3.56	20	
Xylene (o)	0.0850	0.00100	"	0.100		85.0	80-120	3.86	20	
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	80-120			

Calibration Blank (P0L0804-CCB1)

Prepared & Analyzed: 12/08/20

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.0	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0L0804 - General Preparation (GC)

Calibration Blank (P0L0804-CCB2)

Prepared & Analyzed: 12/08/20

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

Calibration Blank (P0L0804-CCB3)

Prepared: 12/08/20 Analyzed: 12/09/20

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.9	80-120			

Calibration Check (P0L0804-CCV1)

Prepared & Analyzed: 12/08/20

Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.0906	0.00100	"	0.100		90.6	80-120			
Ethylbenzene	0.0851	0.00100	"	0.100		85.1	80-120			
Xylene (p/m)	0.184	0.00200	"	0.200		91.8	80-120			
Xylene (o)	0.0897	0.00100	"	0.100		89.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

Calibration Check (P0L0804-CCV2)

Prepared & Analyzed: 12/08/20

Benzene	0.108	0.00100	mg/L	0.100		108	80-120			
Toluene	0.0884	0.00100	"	0.100		88.4	80-120			
Ethylbenzene	0.0804	0.00100	"	0.100		80.4	80-120			
Xylene (p/m)	0.174	0.00200	"	0.200		87.0	80-120			
Xylene (o)	0.0850	0.00100	"	0.100		85.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		104	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0L0804 - General Preparation (GC)

Calibration Check (P0L0804-CCV3)

Prepared: 12/08/20 Analyzed: 12/09/20

Benzene	0.109	0.00100	mg/L	0.100		109	80-120			
Toluene	0.0893	0.00100	"	0.100		89.3	80-120			
Ethylbenzene	0.0830	0.00100	"	0.100		83.0	80-120			
Xylene (p/m)	0.177	0.00200	"	0.200		88.5	80-120			
Xylene (o)	0.0879	0.00100	"	0.100		87.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.5	80-120			

Matrix Spike (P0L0804-MS1)

Source: 0L01004-01

Prepared: 12/08/20 Analyzed: 12/09/20

Benzene	0.0970	0.00100	mg/L	0.100	ND	97.0	80-120			
Toluene	0.0789	0.00100	"	0.100	ND	78.9	80-120			
Ethylbenzene	0.0819	0.00100	"	0.100	ND	81.9	80-120			
Xylene (p/m)	0.157	0.00200	"	0.200	ND	78.5	80-120			
Xylene (o)	0.0755	0.00100	"	0.100	ND	75.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	80-120			

Matrix Spike Dup (P0L0804-MSD1)

Source: 0L01004-01

Prepared: 12/08/20 Analyzed: 12/09/20

Benzene	0.0979	0.00100	mg/L	0.100	ND	97.9	80-120	0.893	20	
Toluene	0.0824	0.00100	"	0.100	ND	82.4	80-120	4.31	20	
Ethylbenzene	0.0859	0.00100	"	0.100	ND	85.9	80-120	4.67	20	
Xylene (p/m)	0.161	0.00200	"	0.200	ND	80.5	80-120	2.46	20	
Xylene (o)	0.0781	0.00100	"	0.100	ND	78.1	80-120	3.33	20	
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

Notes and Definitions

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

ROI Received on Ice

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

12/15/2020

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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

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



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager: Ist Stanley

Company Name

Company Address: 10 Westa Dr

City/State/Zip: Midland Tx 79705

Telephone No.: (432) 520-7720

Fax No:

Sampler Signature:

e-mail:

ORDER #: 010300

(lab use only)

ORDER #: 010300

Project Name:

Project #:

Project Loc:

PO#:

Report Format:

XII Standard

☐ TRRP

☐ NPDES

Page 17 of 35

[illegible]

Relinquished by:

Date _____

Time

Received by:

Date _____

Time

Relinquished by:

Date _____

Time

Received by:

Notes

THE

Relinquished by:

Date _____

Time

Received by FBI

5

Sample Containers Impact?	☒	N
Boxes Free of Headspaces?	☒	N
Labels on container(s)	☒	N
Custody seals on container(s)	☒	N
Custody seals on cooler(s)	☒	N
Sample Hand Delivered	☒	N
by Sample/Client Rep. ?	☒	N
by Courier?	☒	N
UPS	☒	N
DHL	☒	N
FedEx	☒	N
Lone Star	☒	N
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

December 10, 2020

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

Work Order: **HS20120303**

Laboratory Results for: **0L03001**

Dear Brent Barron,

ALS Environmental received 4 sample(s) on Dec 04, 2020 for the analysis presented in the following report.

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

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

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

Sincerely,

A handwritten signature in cursive script, reading "Bernadette Fini".

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

ALS Houston, US

Date: 10-Dec-20

Client: Permian Basin Environmental Lab, LP
Project: 0L03001
Work Order: HS20120303

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS20120303-01	0L03001-07	Water		01-Dec-2020 15:01	04-Dec-2020 10:15	☐
HS20120303-02	0L03001-08	Water		01-Dec-2020 15:20	04-Dec-2020 10:15	☐
HS20120303-03	0L03001-09	Water		01-Dec-2020 15:37	04-Dec-2020 10:15	☐
HS20120303-04	0L03001-10	Water		01-Dec-2020 16:17	04-Dec-2020 10:15	☐

ALS Houston, US

Date: 10-Dec-20

Client: Permian Basin Environmental Lab, LP
Project: 0L03001
Work Order: HS20120303

CASE NARRATIVE

GCMS Semivolatiles by Method SW8270

Batch ID: 160413

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

ALS Houston, US

Date: 10-Dec-20

Client: Permian Basin Environmental Lab, LP
 Project: 0L03001
 Sample ID: 0L03001-07
 Collection Date: 01-Dec-2020 15:01

ANALYTICAL REPORT

WorkOrder:HS20120303
 Lab ID:HS20120303-01
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 07-Dec-2020		Analyst: ACN
1-Methylnaphthalene	2.43	n	0.0989	ug/L	1	09-Dec-2020 14:11
2-Methylnaphthalene	0.628		0.0989	ug/L	1	09-Dec-2020 14:11
Acenaphthene	0.187		0.0989	ug/L	1	09-Dec-2020 14:11
Acenaphthylene	0.265		0.0989	ug/L	1	09-Dec-2020 14:11
Anthracene	0.123		0.0989	ug/L	1	09-Dec-2020 14:11
Benz(a)anthracene	0.170		0.0989	ug/L	1	09-Dec-2020 14:11
Benzo(a)pyrene	0.199		0.0989	ug/L	1	09-Dec-2020 14:11
Benzo(b)fluoranthene	0.193		0.0989	ug/L	1	09-Dec-2020 14:11
Benzo(g,h,i)perylene	0.194		0.0989	ug/L	1	09-Dec-2020 14:11
Benzo(k)fluoranthene	0.174		0.0989	ug/L	1	09-Dec-2020 14:11
Chrysene	0.520		0.0989	ug/L	1	09-Dec-2020 14:11
Dibenz(a,h)anthracene	0.201		0.0989	ug/L	1	09-Dec-2020 14:11
Dibenzofuran	2.64		0.0989	ug/L	1	09-Dec-2020 14:11
Fluoranthene	0.259		0.0989	ug/L	1	09-Dec-2020 14:11
Fluorene	0.915		0.0989	ug/L	1	09-Dec-2020 14:11
Indeno(1,2,3-cd)pyrene	0.226		0.0989	ug/L	1	09-Dec-2020 14:11
Naphthalene	1.55		0.0989	ug/L	1	09-Dec-2020 14:11
Phenanthrene	1.11		0.0989	ug/L	1	09-Dec-2020 14:11
Pyrene	0.195		0.0989	ug/L	1	09-Dec-2020 14:11
Surr: 2-Fluorobiphenyl	71.9		32-130	%REC	1	09-Dec-2020 14:11
Surr: 4-Terphenyl-d14	77.9		40-135	%REC	1	09-Dec-2020 14:11
Surr: Nitrobenzene-d5	79.8		45-142	%REC	1	09-Dec-2020 14:11

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

ALS Houston, US

Date: 10-Dec-20

Client: Permian Basin Environmental Lab, LP
 Project: 0L03001
 Sample ID: 0L03001-08
 Collection Date: 01-Dec-2020 15:20

ANALYTICAL REPORT

WorkOrder:HS20120303
 Lab ID:HS20120303-02
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 07-Dec-2020		Analyst: ACN
1-Methylnaphthalene	4.32	n	0.100	ug/L	1	09-Dec-2020 15:08
2-Methylnaphthalene	0.716		0.100	ug/L	1	09-Dec-2020 15:08
Acenaphthene	0.132		0.100	ug/L	1	09-Dec-2020 15:08
Acenaphthylene	ND		0.100	ug/L	1	09-Dec-2020 15:08
Anthracene	0.100		0.100	ug/L	1	09-Dec-2020 15:08
Benz(a)anthracene	0.104		0.100	ug/L	1	09-Dec-2020 15:08
Benzo(a)pyrene	0.188		0.100	ug/L	1	09-Dec-2020 15:08
Benzo(b)fluoranthene	0.153		0.100	ug/L	1	09-Dec-2020 15:08
Benzo(g,h,i)perylene	0.201		0.100	ug/L	1	09-Dec-2020 15:08
Benzo(k)fluoranthene	0.156		0.100	ug/L	1	09-Dec-2020 15:08
Chrysene	0.205		0.100	ug/L	1	09-Dec-2020 15:08
Dibenz(a,h)anthracene	0.193		0.100	ug/L	1	09-Dec-2020 15:08
Dibenzofuran	1.89		0.100	ug/L	1	09-Dec-2020 15:08
Fluoranthene	0.122		0.100	ug/L	1	09-Dec-2020 15:08
Fluorene	0.676		0.100	ug/L	1	09-Dec-2020 15:08
Indeno(1,2,3-cd)pyrene	0.267		0.100	ug/L	1	09-Dec-2020 15:08
Naphthalene	2.70		0.100	ug/L	1	09-Dec-2020 15:08
Phenanthrene	0.697		0.100	ug/L	1	09-Dec-2020 15:08
Pyrene	ND		0.100	ug/L	1	09-Dec-2020 15:08
Surr: 2-Fluorobiphenyl	73.2		32-130	%REC	1	09-Dec-2020 15:08
Surr: 4-Terphenyl-d14	69.8		40-135	%REC	1	09-Dec-2020 15:08
Surr: Nitrobenzene-d5	71.8		45-142	%REC	1	09-Dec-2020 15:08

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

ALS Houston, US

Date: 10-Dec-20

Client: Permian Basin Environmental Lab, LP
 Project: 0L03001
 Sample ID: 0L03001-09
 Collection Date: 01-Dec-2020 15:37

ANALYTICAL REPORT

WorkOrder:HS20120303
 Lab ID:HS20120303-03
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 07-Dec-2020		Analyst: ACN
1-Methylnaphthalene	42.1	n	0.991	ug/L	10	09-Dec-2020 16:46
2-Methylnaphthalene	25.5		0.991	ug/L	10	09-Dec-2020 16:46
Acenaphthene	0.227		0.0991	ug/L	1	09-Dec-2020 15:47
Acenaphthylene	0.357		0.0991	ug/L	1	09-Dec-2020 15:47
Anthracene	0.234		0.0991	ug/L	1	09-Dec-2020 15:47
Benz(a)anthracene	ND		0.0991	ug/L	1	09-Dec-2020 15:47
Benzo(a)pyrene	0.134		0.0991	ug/L	1	09-Dec-2020 15:47
Benzo(b)fluoranthene	0.160		0.0991	ug/L	1	09-Dec-2020 15:47
Benzo(g,h,i)perylene	0.170		0.0991	ug/L	1	09-Dec-2020 15:47
Benzo(k)fluoranthene	0.145		0.0991	ug/L	1	09-Dec-2020 15:47
Chrysene	0.448		0.0991	ug/L	1	09-Dec-2020 15:47
Dibenz(a,h)anthracene	0.189		0.0991	ug/L	1	09-Dec-2020 15:47
Dibenzofuran	4.78		0.0991	ug/L	1	09-Dec-2020 15:47
Fluoranthene	0.373		0.0991	ug/L	1	09-Dec-2020 15:47
Fluorene	2.10		0.0991	ug/L	1	09-Dec-2020 15:47
Indeno(1,2,3-cd)pyrene	0.179		0.0991	ug/L	1	09-Dec-2020 15:47
Naphthalene	26.1		0.991	ug/L	10	09-Dec-2020 16:46
Phenanthrene	3.84		0.0991	ug/L	1	09-Dec-2020 15:47
Pyrene	0.187		0.0991	ug/L	1	09-Dec-2020 15:47
Surr: 2-Fluorobiphenyl	66.3		32-130	%REC	1	09-Dec-2020 15:47
Surr: 2-Fluorobiphenyl	68.1		32-130	%REC	10	09-Dec-2020 16:46
Surr: 4-Terphenyl-d14	79.7		40-135	%REC	1	09-Dec-2020 15:47
Surr: 4-Terphenyl-d14	102		40-135	%REC	10	09-Dec-2020 16:46
Surr: Nitrobenzene-d5	99.0		45-142	%REC	10	09-Dec-2020 16:46
Surr: Nitrobenzene-d5	64.0		45-142	%REC	1	09-Dec-2020 15:47

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

ALS Houston, US

Date: 10-Dec-20

Client: Permian Basin Environmental Lab, LP
 Project: 0L03001
 Sample ID: 0L03001-10
 Collection Date: 01-Dec-2020 16:17

ANALYTICAL REPORT

WorkOrder:HS20120303
 Lab ID:HS20120303-04
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 07-Dec-2020		Analyst: ACN
1-Methylnaphthalene	27.0	n	0.975	ug/L	10	09-Dec-2020 17:05
2-Methylnaphthalene	17.2		0.975	ug/L	10	09-Dec-2020 17:05
Acenaphthene	0.131		0.0975	ug/L	1	09-Dec-2020 16:06
Acenaphthylene	0.220		0.0975	ug/L	1	09-Dec-2020 16:06
Anthracene	0.218		0.0975	ug/L	1	09-Dec-2020 16:06
Benz(a)anthracene	0.142		0.0975	ug/L	1	09-Dec-2020 16:06
Benzo(a)pyrene	0.191		0.0975	ug/L	1	09-Dec-2020 16:06
Benzo(b)fluoranthene	0.147		0.0975	ug/L	1	09-Dec-2020 16:06
Benzo(g,h,i)perylene	0.211		0.0975	ug/L	1	09-Dec-2020 16:06
Benzo(k)fluoranthene	0.126		0.0975	ug/L	1	09-Dec-2020 16:06
Chrysene	0.292		0.0975	ug/L	1	09-Dec-2020 16:06
Dibenz(a,h)anthracene	0.196		0.0975	ug/L	1	09-Dec-2020 16:06
Dibenzofuran	2.61		0.0975	ug/L	1	09-Dec-2020 16:06
Fluoranthene	0.276		0.0975	ug/L	1	09-Dec-2020 16:06
Fluorene	1.22		0.0975	ug/L	1	09-Dec-2020 16:06
Indeno(1,2,3-cd)pyrene	0.303		0.0975	ug/L	1	09-Dec-2020 16:06
Naphthalene	19.8		0.975	ug/L	10	09-Dec-2020 17:05
Phenanthrene	3.33		0.0975	ug/L	1	09-Dec-2020 16:06
Pyrene	0.234		0.0975	ug/L	1	09-Dec-2020 16:06
Surr: 2-Fluorobiphenyl	48.1		32-130	%REC	1	09-Dec-2020 16:06
Surr: 2-Fluorobiphenyl	72.4		32-130	%REC	10	09-Dec-2020 17:05
Surr: 4-Terphenyl-d14	74.4		40-135	%REC	1	09-Dec-2020 16:06
Surr: 4-Terphenyl-d14	85.1		40-135	%REC	10	09-Dec-2020 17:05
Surr: Nitrobenzene-d5	68.1		45-142	%REC	10	09-Dec-2020 17:05
Surr: Nitrobenzene-d5	76.3		45-142	%REC	1	09-Dec-2020 16:06

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

ALS Houston, US

Date: 10-Dec-20

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP

Project: 0L03001

WorkOrder: HS20120303

Batch ID: 160413

Start Date: 07 Dec 2020 10:37

End Date:

Method: SW3511

Prep Code: 3511_PAH

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS20120303-01	1	33.36 (mL)	2 (mL)	0.05995
HS20120303-02	1	33 (mL)	2 (mL)	0.06061
HS20120303-03	1	33.3 (mL)	2 (mL)	0.06006
HS20120303-04	1	33.84 (mL)	2 (mL)	0.0591

ALS Houston, US

Date: 10-Dec-20

Client: Permian Basin Environmental Lab, LP
Project: 0L03001
WorkOrder: HS20120303

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 160413 (0)		Test Name : LOW-LEVEL PAHS - 8270D			Matrix: Water	
HS20120303-01	0L03001-07	01 Dec 2020 15:01		07 Dec 2020 10:37	09 Dec 2020 14:11	1
HS20120303-02	0L03001-08	01 Dec 2020 15:20		07 Dec 2020 10:37	09 Dec 2020 15:08	1
HS20120303-03	0L03001-09	01 Dec 2020 15:37		07 Dec 2020 10:37	09 Dec 2020 16:46	10
HS20120303-03	0L03001-09	01 Dec 2020 15:37		07 Dec 2020 10:37	09 Dec 2020 15:47	1
HS20120303-04	0L03001-10	01 Dec 2020 16:17		07 Dec 2020 10:37	09 Dec 2020 17:05	10
HS20120303-04	0L03001-10	01 Dec 2020 16:17		07 Dec 2020 10:37	09 Dec 2020 16:06	1

ALS Houston, US

Date: 10-Dec-20

Client: Permian Basin Environmental Lab, LP
Project: 0L03001
WorkOrder: HS20120303

QC BATCH REPORT

Batch ID: 160413 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
MBLK	Sample ID: MBLK-160413	Units: ug/L		Analysis Date: 09-Dec-2020 11:29						
Client ID:	Run ID: SV-6_374256	SeqNo: 5870702		PrepDate: 07-Dec-2020		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	ND	0.100								
2-Methylnaphthalene	ND	0.100								
Acenaphthene	ND	0.100								
Acenaphthylene	ND	0.100								
Anthracene	ND	0.100								
Benz(a)anthracene	ND	0.100								
Benzo(a)pyrene	ND	0.100								
Benzo(b)fluoranthene	ND	0.100								
Benzo(g,h,i)perylene	ND	0.100								
Benzo(k)fluoranthene	ND	0.100								
Chrysene	ND	0.100								
Dibenz(a,h)anthracene	ND	0.100								
Dibenzofuran	ND	0.100								
Fluoranthene	ND	0.100								
Fluorene	ND	0.100								
Indeno(1,2,3-cd)pyrene	ND	0.100								
Naphthalene	ND	0.100								
Phenanthrene	ND	0.100								
Pyrene	ND	0.100								
Surr: 2-Fluorobiphenyl	2.549	0.100	3.03	0	84.1	32 - 130				
Surr: 4-Terphenyl-d14	2.558	0.100	3.03	0	84.4	40 - 135				
Surr: Nitrobenzene-d5	2.524	0.100	3.03	0	83.3	45 - 142				

ALS Houston, US

Date: 10-Dec-20

Client: Permian Basin Environmental Lab, LP
Project: 0L03001
WorkOrder: HS20120303

QC BATCH REPORT

Batch ID: 160413 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D					
LCS		Sample ID: LCS-160413		Units: ug/L		Analysis Date: 09-Dec-2020 11:48			
Client ID:		Run ID: SV-6_374256		SeqNo: 5870703		PrepDate: 07-Dec-2020		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	2.314	0.100	3.03	0	76.4	40 - 140			
2-Methylnaphthalene	2.576	0.100	3.03	0	85.0	40 - 140			
Acenaphthene	3.162	0.100	3.03	0	104	40 - 140			
Acenaphthylene	2.958	0.100	3.03	0	97.6	40 - 140			
Anthracene	3.945	0.100	3.03	0	130	40 - 140			
Benz(a)anthracene	2.311	0.100	3.03	0	76.3	40 - 140			
Benzo(a)pyrene	2.211	0.100	3.03	0	73.0	40 - 140			
Benzo(b)fluoranthene	2.231	0.100	3.03	0	73.6	40 - 140			
Benzo(g,h,i)perylene	2.021	0.100	3.03	0	66.7	40 - 140			
Benzo(k)fluoranthene	2.226	0.100	3.03	0	73.5	40 - 140			
Chrysene	2.707	0.100	3.03	0	89.4	40 - 140			
Dibenz(a,h)anthracene	2.206	0.100	3.03	0	72.8	40 - 140			
Dibenzofuran	3.391	0.100	3.03	0	112	40 - 140			
Fluoranthene	3.128	0.100	3.03	0	103	40 - 140			
Fluorene	2.935	0.100	3.03	0	96.9	40 - 140			
Indeno(1,2,3-cd)pyrene	2.799	0.100	3.03	0	92.4	40 - 140			
Naphthalene	2.735	0.100	3.03	0	90.3	40 - 140			
Phenanthrene	2.857	0.100	3.03	0	94.3	40 - 140			
Pyrene	2.136	0.100	3.03	0	70.5	40 - 140			
Surr: 2-Fluorobiphenyl	2.566	0.100	3.03	0	84.7	32 - 130			
Surr: 4-Terphenyl-d14	2.744	0.100	3.03	0	90.6	40 - 135			
Surr: Nitrobenzene-d5	2.341	0.100	3.03	0	77.2	45 - 142			

ALS Houston, US

Date: 10-Dec-20

Client: Permian Basin Environmental Lab, LP
Project: 0L03001
WorkOrder: HS20120303

QC BATCH REPORT

Batch ID: 160413 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCSD		Sample ID: LCSD-160413		Units: ug/L		Analysis Date: 09-Dec-2020 12:08				
Client ID:		Run ID: SV-6_374256		SeqNo: 5870704		PrepDate: 07-Dec-2020		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	2.211	0.100	3.03	0	73.0	40 - 140	2.314	4.54	25	
2-Methylnaphthalene	2.391	0.100	3.03	0	78.9	40 - 140	2.576	7.47	25	
Acenaphthene	3.091	0.100	3.03	0	102	40 - 140	3.162	2.25	25	
Acenaphthylene	2.845	0.100	3.03	0	93.9	40 - 140	2.958	3.89	25	
Anthracene	3.623	0.100	3.03	0	120	40 - 140	3.945	8.52	25	
Benz(a)anthracene	2.15	0.100	3.03	0	71.0	40 - 140	2.311	7.21	25	
Benzo(a)pyrene	2.05	0.100	3.03	0	67.7	40 - 140	2.211	7.53	25	
Benzo(b)fluoranthene	1.977	0.100	3.03	0	65.2	40 - 140	2.231	12.1	25	
Benzo(g,h,i)perylene	2.266	0.100	3.03	0	74.8	40 - 140	2.021	11.4	25	
Benzo(k)fluoranthene	2.184	0.100	3.03	0	72.1	40 - 140	2.226	1.93	25	
Chrysene	2.613	0.100	3.03	0	86.2	40 - 140	2.707	3.55	25	
Dibenz(a,h)anthracene	2.109	0.100	3.03	0	69.6	40 - 140	2.206	4.53	25	
Dibenzofuran	3.115	0.100	3.03	0	103	40 - 140	3.391	8.49	25	
Fluoranthene	2.937	0.100	3.03	0	96.9	40 - 140	3.128	6.3	25	
Fluorene	2.813	0.100	3.03	0	92.8	40 - 140	2.935	4.23	25	
Indeno(1,2,3-cd)pyrene	2.782	0.100	3.03	0	91.8	40 - 140	2.799	0.628	25	
Naphthalene	2.69	0.100	3.03	0	88.8	40 - 140	2.735	1.66	25	
Phenanthrene	2.813	0.100	3.03	0	92.8	40 - 140	2.857	1.55	25	
Pyrene	2.002	0.100	3.03	0	66.1	40 - 140	2.136	6.48	25	
Surr: 2-Fluorobiphenyl	2.453	0.100	3.03	0	81.0	32 - 130	2.566	4.51	25	
Surr: 4-Terphenyl-d14	2.208	0.100	3.03	0	72.9	40 - 135	2.744	21.6	25	
Surr: Nitrobenzene-d5	2.91	0.100	3.03	0	96.1	45 - 142	2.341	21.7	25	

The following samples were analyzed in this batch: HS20120303-01 HS20120303-02 HS20120303-03 HS20120303-04

ALS Houston, US

Date: 10-Dec-20

Client: Permian Basin Environmental Lab, LP
Project: 0L03001
WorkOrder: HS20120303

**QUALIFIERS,
ACRONYMS, UNITS**

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

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

ALS Houston, US

Date: 10-Dec-20

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	20-030-0	26-Mar-2021
California	2919, 2020-2021	30-Apr-2021
Dept of Defense	PJLA L20-507	22-Dec-2021
Florida	E87611-30-07/01/2020	30-Jun-2021
Illinois	2000322020-4	09-May-2021
Kansas	E-10352 2020-2021	31-Jul-2021
Kentucky	123043, 2020-2021	30-Apr-2021
Louisiana	03087, 2020-2021	30-Jun-2021
North Carolina	624-2020	31-Dec-2020
North Dakota	R-193 2020-2021	30-Apr-2021
Oklahoma	2020-165	31-Aug-2021
Texas	T104704231-20-26	30-Apr-2021

ALS Houston, US

Date: 10-Dec-20

Client:	Permian Basin Environmental Lab, LP	SAMPLE TRACKING
Project:	0L03001	
Work Order:	HS20120303	

Lab Samp ID	Client Sample ID	Action	Date	Person	New Location
HS20120303-01	0L03001-07	Login	12/4/2020 8:09:42 PM	PMG	SPA102

ALS Houston, US

Date: 10-Dec-20

Sample Receipt Checklist

Work Order ID: HS20120303

Date/Time Received: 04-Dec-2020 10:15

Client Name: Permian Basin Lab

Received by: Jared R. Makan

Completed By: <u>/S/ Paresh M. Giga</u>	04-Dec-2020 19:53	Reviewed by:	
eSignature	Date/Time	eSignature	Date/Time

Matrices: WaterCarrier name: FedEx

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	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):	0.5C U/c IR25		
Cooler(s)/Kit(s):	Red		
Date/Time sample(s) sent to storage:	12/4/2020 20:20		
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:



Phone: 432-686-7235
PBELAB_SUB COC V2

Project Manager:	<u>Brent Barron</u>
Company Name	<u>PBEL</u>
Company Address:	<u>1400 Rankin HWY</u>
City/State/Zip:	<u>Midland Texas 79701</u>
Telephone No:	<u>432-661-4184</u>
Sampler Signature:	<u>N/A</u>

H520120303

Permian Basin Environmental Lab. LP
0103001



Project Name: SUBCONTRACT

Project #:

Project Loc:

PO #:

Report Format: X Standard ☐ TRRP ☐ NPDE

e-mail: brentbarron@pbelab.com

(lab use only)												
ORDER #:												
LAB # (lab use only)		FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers	Matrix	Analyze For:	STANDARD 4 DAY
		0L03001-07			12/1/2020	15:01		3	X		W	
		0L03001-08			12/1/2020	15:20		3	X		W	
		0L03001-09			12/1/2020	15:37		3	X		W	
		0L03001-10			12/1/2020	16:17		3	X		W	
Special Instructions:												
Laboratory Comments:												
Sample Containers Intact?												Y N
VOCs Free of Headspace?												Y N
Labels on container(s)?												Y N
Custody seals on container(s)?												Y N
Custody seals on cooler(s)?												Y N
Sample Hand Delivered by Sampler/Client Rep. ?												Y N
by Courier? UPS DHL FedEx Lc												
Temperature Upon Receipt:												
Received: °C												
Adjusted: °C Factor												

RFD O.S.C. IR25 CFU
Page 17 of 18

Red

DEC 04 2020

FedEx
TRK#
0200

8162 7383 1172

FRI - 04 DEC AA
STANDARD OVERNIGHT

AB SGRA

Red

77099
TX-US
IAH



EDI: 404796 03Dec2020 MAFA 50062/5196/0562

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

District I - (505) 393-6161
P.O. Box 1940
Tobbs, NM 88241-1980
District II - (505) 748-1283
111 South First
Artesia, NM 88210
District III - (505) 834-6178
1000 Rio Brazos Road
Artesia, 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

98-05A

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 Texas-New Mexico Pipe Line Company		Contact Edwin H. Gripp
Address Box 60028		Telephone No. 915-947-9000
Facility Name San Angelo, TX 76906		Facility Type pipe line
Surface Owner Nadine Owen	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	26	21S	37E					Lea

NATURE OF RELEASE

Type of Release Sour Crude	Volume of Release 38 barrels	Volume Recovered 4 barrels
Source of Release 6" gathering line	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 2/5/98; 10:25 a.m.
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If Yes, To Whom? Linda Williams (Clerk #4)	
By Whom? Johnny W. Chapman	Date and Hour 2/5/98; 3:00 p.m.	
Was a Watercourse Reached? ☐ Yes ☒ No	If Yes, Volume Impacting the Watercourse N/A	
If a Watercourse was Impacted, Describe Fully: N/A		

Describe Cause of Problem and Remedial Action Taken.

Internal Corrosion
Leak successfully clamped off.

Describe Area Affected and Cleanup Action Taken.

Approximately 1260 sq.ft. pasture land.
Contaminated soil will be excavated and put on plastic.

Describe General Conditions Prevailing (Temperature, Precipitation, etc.).

Cloudy; 60 degrees

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: 2/12/98

Phone: 915-947-9000

OIL CONSERVATION DIVISION

Approved by
District Supervisor

Approval Date

Expiration Date

Conditions of Approval:

Attached ☐

* Attach Additional Sheets If Necessary

State Oil Commission

Hazardous Waste Section

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 22917

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay St, Ste 1600 Houston, TX 77002	OGRID:
	34053
	Action Number: 22917
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2020 ANNUAL GROUNDWATER MONITORING REPORT: Content satisfactory Contractor anticipated actions approved by OCD and are as follows; 1. Continue gauging monitor wells MW-1, MW-2, MW-10, MW-12, and MW-13 and aggressively pump on a monthly schedule in 2021 2. Continue collecting quarterly groundwater samples in 2021 3. Continue sampling for PAH analysis from monitor wells MW-1, MW-2, MW-10, and MW-13 4. Submit the Annual Monitoring Report to the OCD no later than March 31, 2022.	1/11/2022