



**2019
ANNUAL MONITORING REPORT**

**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**

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 2020

A handwritten signature in blue ink, appearing to read "Curt D. Stanley", is written over a horizontal line.

Curt D. Stanley
Senior Project Manager

TABLE OF CONTENTS

INTRODUCTION	1
SITE DESCRIPTION AND BACKGROUND INFORMATION	1
FIELD ACTIVITIES	2
LABORATORY RESULTS	3
SUMMARY	6
ANTICIPATED ACTIONS.....	6
LIMITATIONS.....	7
DISTRIBUTION.....	9

FIGURES

Figure 1 – Site Location Map

Figure 2A – Inferred Groundwater Gradient Map – March 5, 2019

2B – Inferred Groundwater Gradient Map – June 11, 2019

2C – Inferred Groundwater Gradient Map – August 15, 2019

2D – Inferred Groundwater Gradient Map – November 25, 2019

Figure 3A – Groundwater Concentration and Inferred PSH Extent Map – March 5, 2019

3B – Groundwater Concentration and Inferred PSH Extent Map – June 11, 2019

3C – Groundwater Concentration and Inferred PSH Extent Map – August 15, 2019

3D – Groundwater Concentrations and Inferred PSH Extent Map – November 25, 2019

TABLES

Table 1 – 2019 Groundwater Elevation Data

Table 2 – 2019 Concentrations of BTEX in Groundwater

Table 3 – 2019 Polynuclear Aromatic Hydrocarbon Concentrations in Groundwater

APPENDICES

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

ENCLOSED ON DATA DISK

2019 Annual Monitoring Report

2019 Tables 1, 2, and 3 – Groundwater Elevation, BTEX and PAH Concentration Data

2019 Figures 1, 2A-2D, and 3A-3D

Electronic Copies of Laboratory Reports

Historical Table 1, 2, and 3 – Groundwater Elevation, BTEX, and PAH Concentration Tables

INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), TRC Environmental Corporation (TRC) is pleased to submit this 2019 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 2019 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 $\frac{1}{4}$, NW $\frac{1}{4}$, 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 A. 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 2019 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 performed 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. The table below illustrates the current groundwater sampling schedule approved by the NMOCD.

NMOCD Approved Sampling Schedule							
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		

Quarterly sampling events for the calendar year 2019 were performed on March 5, June 11, August 15, and November 25, 2019. 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 0.0039 feet/foot to the southeast as measured between monitor wells MW-13 and MW-6. This data is generally consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3,343.62 and 3,345.39 feet above mean sea level, in monitor well MW-10 on July 15, 2019, and monitor well MW-1 on September 10, 2019, respectively. Groundwater elevation data for the calendar year 2019 is provided in Table 1. Historical groundwater elevation data beginning at project inception is provided on the enclosed disk.

LABORATORY RESULTS

Groundwater samples collected during the four (4) quarters of 2019 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 2019 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 2019 are summarized in Table 2 and the 2019 PAH constituent concentrations are summarized in Table 3. Copies of the laboratory reports generated for 2019 are provided on the enclosed data disk. 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 0.110 mg/L during the 4th quarter to 0.252 mg/L during the 1st quarter. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 2nd and 3rd quarters to 0.00504 mg/L during the 1st quarter. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 2nd quarter to 0.0348 mg/L during the 1st 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 2nd quarter to 0.02966 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 anthracene (0.0013 mg/L), chrysene (0.0024 mg/L), fluorene (0.0036 mg/L), and phenanthrene (0.0060 mg/L).

Monitor well MW-2 is sampled on a quarterly schedule and benzene concentrations ranged from 0.0807 mg/L during the 3rd quarter to 0.158 mg/L during the 2nd quarter of 2019. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 2nd quarter to 0.00411 mg/L during the 1st 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 0.0438 mg/L during the 3rd quarter to 0.140 mg/L during the 1st quarter of 2019. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.03782 mg/L during the 3rd quarter to 0.09842 mg/L during the 1st quarter of 2019. 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 (0.00024 mg/L), chrysene (0.00094 mg/L), fluorene (0.0037 mg/L), phenanthrene (0.0053 mg/L), and naphthalene (0.0325 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 NMOCD regulatory guidelines during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below 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 NMOCD regulatory guidelines during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 1st quarter of 2000. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-6 is sampled on a quarterly schedule and analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during the reporting period. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 1st quarter of 2000. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-7 is sampled on a semi-annual schedule and analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during the 2nd and 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 1st quarter of 2000. PAH analysis was not required during the 4th quarter sampling event.

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

Monitor well MW-9 is sampled on a semi-annual schedule and analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD

regulatory guidelines during the 2nd and 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 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 benzene concentrations ranged from 0.0775 mg/L during the 2nd quarter to 0.363 mg/L during the 3rd quarter of 2019. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00147 during the 4th quarter to 0.00715 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 0.0268 mg/L during the 2nd quarter to 0.0976 mg/L during the 1st quarter of 2019. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.0254 mg/L during the 2nd quarter to 0.1184 mg/L during the 1st quarter of 2019. 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 anthracene (0.0011 mg/L), benzo[a]anthracene (0.00013 mg/L), chrysene (0.0013 mg/L), fluorene (0.0082 mg/L), phenanthrene (0.012 mg/L), and naphthalene (0.184 mg/L).

Monitor well MW-11 is sampled on a semi-annual schedule and analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guideline during the 2nd and 4th quarter sampling events. The analytical results indicated BTEX constituent concentrations have been below 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 less than the applicable laboratory RL during the 2nd quarter to 0.00500 mg/L during the 1st quarter of 2019. 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 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 benzene concentrations ranged from 0.120 mg/L during the 2nd quarter to 1.84 mg/L during the 3rd quarter of 2019. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged less than the laboratory RL during the 2nd quarter to 0.0102 mg/L during the 3rd 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 0.0735 mg/L during the 4th quarter to 0.380 mg/L during the 3rd quarter of 2019. Ethylbenzene concentrations were below the NMOCD

regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.09602 mg/L during the 1st quarter to 0.5005 mg/L during the 3rd quarter of 2019. 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 (0.00022 mg/L), fluorene (0.0017 mg/L), and phenanthrene (0.012 mg/L).

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

SUMMARY

This report presents the results of four (4) quarterly groundwater monitoring and sampling events for the annual monitoring period of calendar year 2019. 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 indicated a general gradient of approximately 0.0039 feet/foot to the southeast.

No measurable thicknesses of PSH were observed in the onsite monitor wells during the 2019 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 the 4th quarter sampling event, benzene concentrations were above NMOCD regulatory guidelines in monitor wells MW-1, MW-2, MW-10, and MW-13. BTEX concentrations were below 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 weekly schedule during the 2020 reporting period.

The following sampling schedule modifications will be implemented during the 2020 reporting period.

- **Monitor well MW-6 is currently sampled on a quarterly schedule and has not exhibited BTEX constituents above NMOCD regulatory guidelines since the 1st quarter of 2000. Based on the analytical results, monitor well MW-6 will be sampled on a semi-annual schedule from the 2020 reporting period moving forward.**
- **Monitor well MW-7 is currently sampled on a semi-annual schedule and has not exhibited BTEX constituents above NMOCD regulatory guidelines since the 1st**

quarter of 2000. Based on the analytical results, monitor well MW-7 will be sampled on an annual schedule from the 2020 reporting period moving forward.

- Monitor well MW-8 is currently sampled on a quarterly schedule and has not exhibited BTEX constituents above NMOCD regulatory guidelines since the 1st quarter of 2000. Based on the analytical results, monitor well MW-8 will be sampled on an annual schedule from the 2020 reporting period moving forward.
- Monitor well MW-9 is currently sampled on a semi-annual schedule and has not exhibited BTEX constituents above NMOCD regulatory guidelines since the 1st quarter of 2008. Based on the analytical results, monitor well MW-9 will be sampled on an annual schedule from the 2020 reporting period moving forward.
- Monitor well MW-11 is currently sampled on a semi-annual schedule and has not exhibited BTEX constituents above NMOCD regulatory guidelines since the 4th quarter of 2005. Based on the analytical results, monitor well MW-11 will be sampled on an annual schedule from the 2020 reporting period moving forward.

Modified Sampling Schedule							
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 monitoring and groundwater sampling will continue in 2020. 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, 2021.

LIMITATIONS

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

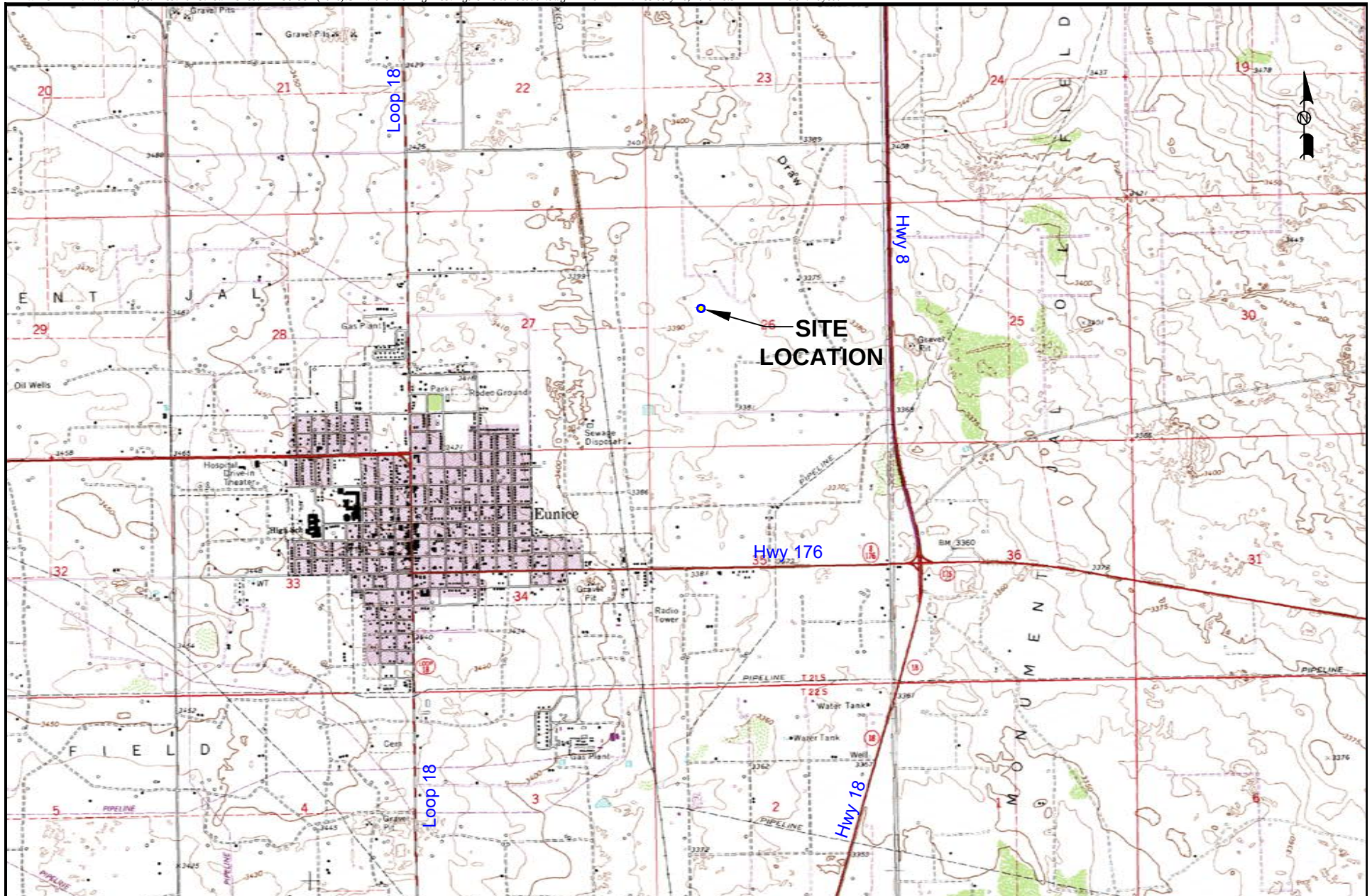
TRC has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. TRC has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that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

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

DISTRIBUTION

- Copy 1 Bradford Billings
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.
10 Desta Drive, Suite 550E
Midland, TX 79701
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@trcsolutions.com

Figures



LEGEND:

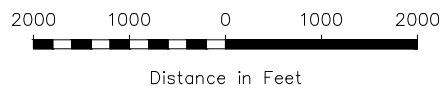


Figure 1
Site Location Map
Plains Marketing, L.P.
TNM 98-05A
NMOCD Reference # AP-12-0
Lea County, NM

Scale: 1" = 2000'

CAD By: TA

Checked By: CS

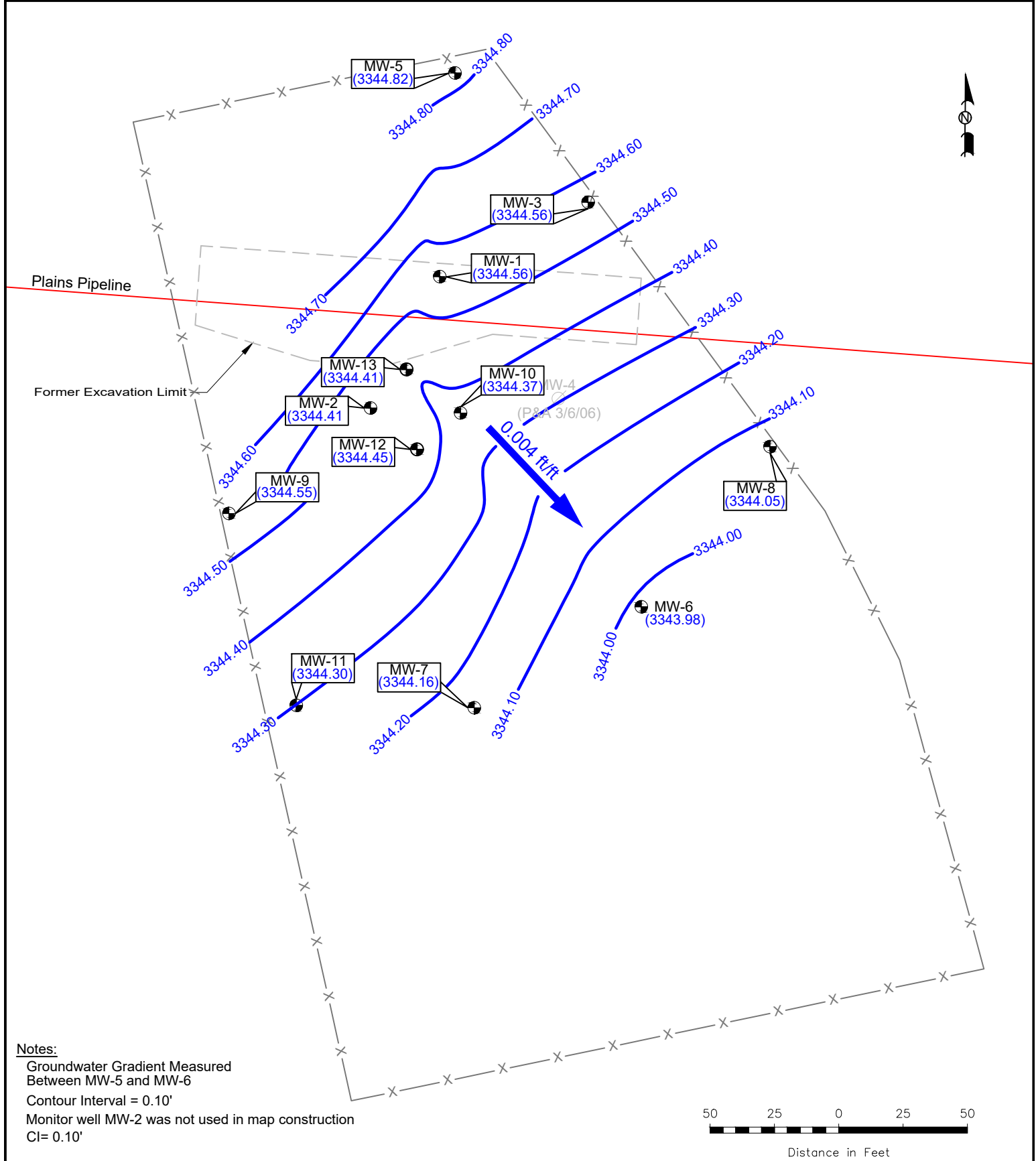
Draft: February 19, 2016

Lat. N 32.450991°, Long. W 103.138305°

SW1/4 NW1/4 Sec 26 T21S R37E

TRC Proj. No.: 014180





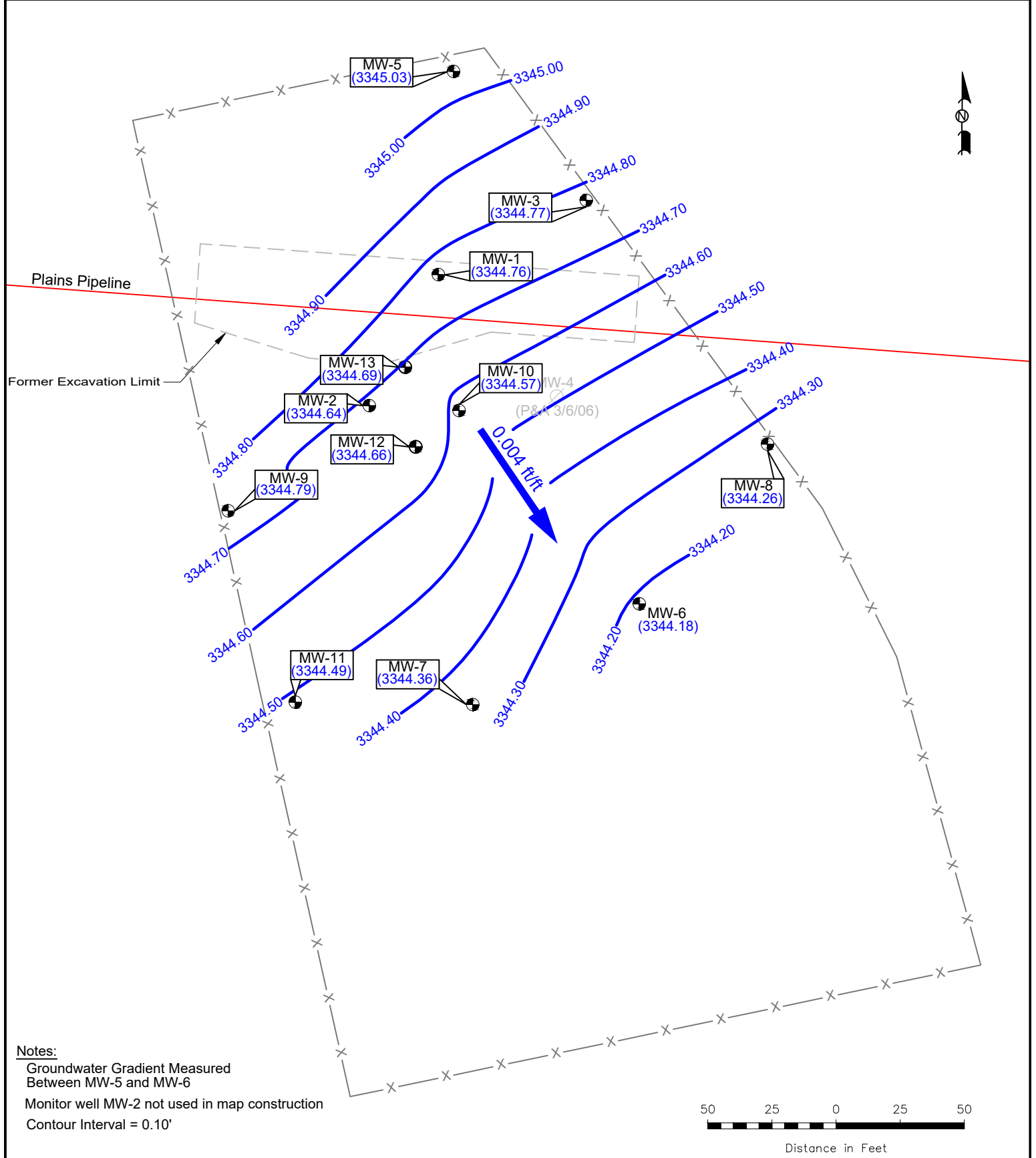
LEGEND:

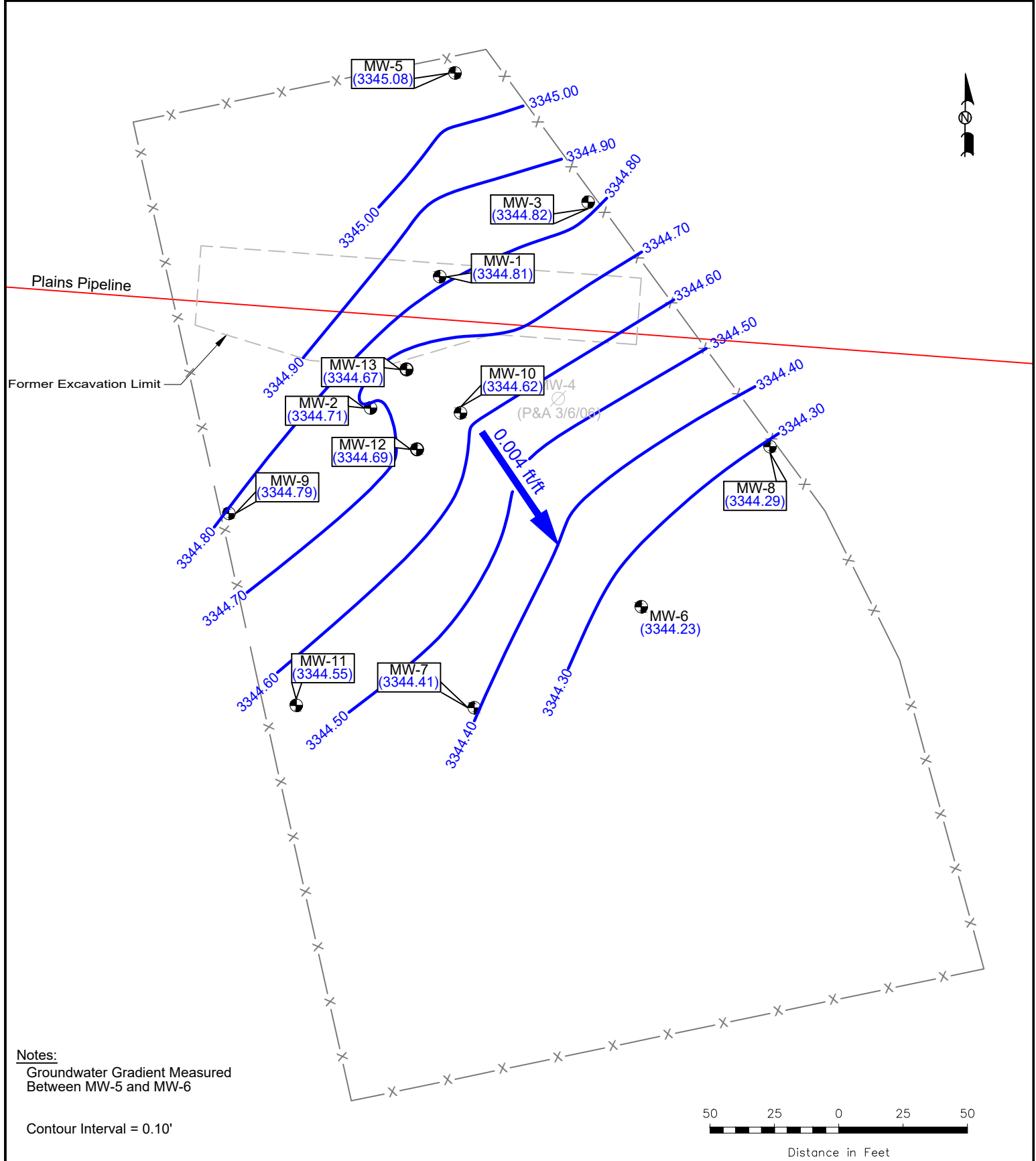
- Monitor Well Location
- Plugged and Abandoned
- Fence
- Pipeline
- Former Excavation Limits
- (3728.80) Groundwater Elevation (feet)
- Groundwater Elevation Contour Line

Figure 2A
 Inferred Groundwater
 Gradient Map
 (3/5/2019)
 Plains Marketing, L.P.
 TNM 98-05A
 NMOCD Reference # AP-12-0
 Lea County, NM

Scale: 1" = 50'	
CAD By: CS	Checked By: CS
Draft: April 4, 2019	
Lat. N 32.450991°, Long. W 103.138305°	
SW1/4 NW1/4 Sec 26 T21S R37E	
TRC Proj. No.: 014180	







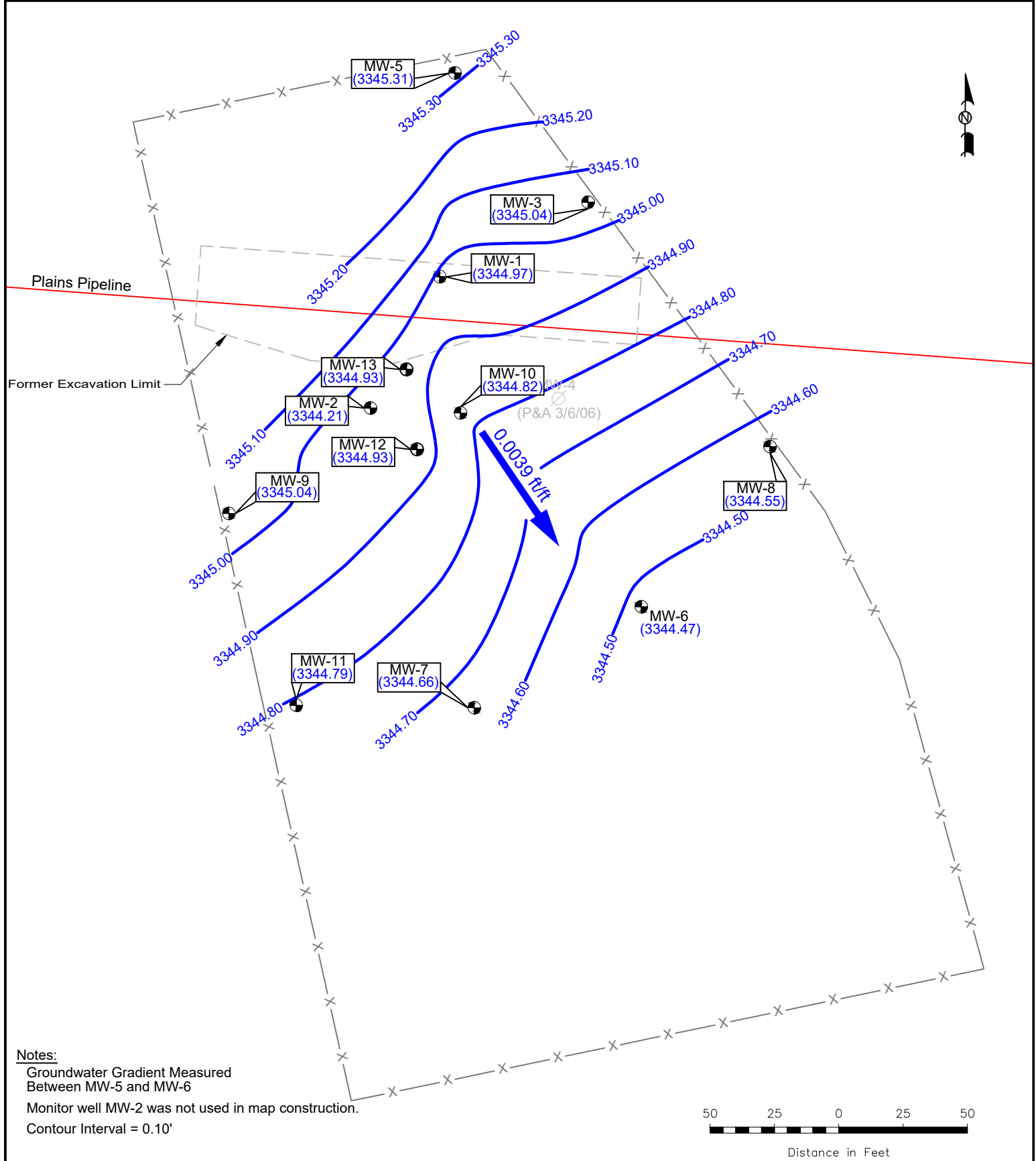
LEGEND:

- Monitor Well Location
- Plugged and Abandoned
- Fence
- Pipeline
- Former Excavation Limits
- (3728.80) Groundwater Elevation (feet)
- Groundwater Elevation Contour Line

Figure 2C
Inferred Groundwater
Gradient Map
(8/15/2019)
Plains Marketing, L.P.
TNM 98-05A
NMOCD Reference # AP-12-0
Lea County, NM

Scale: 1" = 50'	
CAD By: CS	Checked By: CS
Draft: October 1, 2019	
Lat. N 32.450991°, Long. W 103.138305°	
SW1/4 NW1/4 Sec 26 T21S R37E	
TRC Proj. No.: 014180	





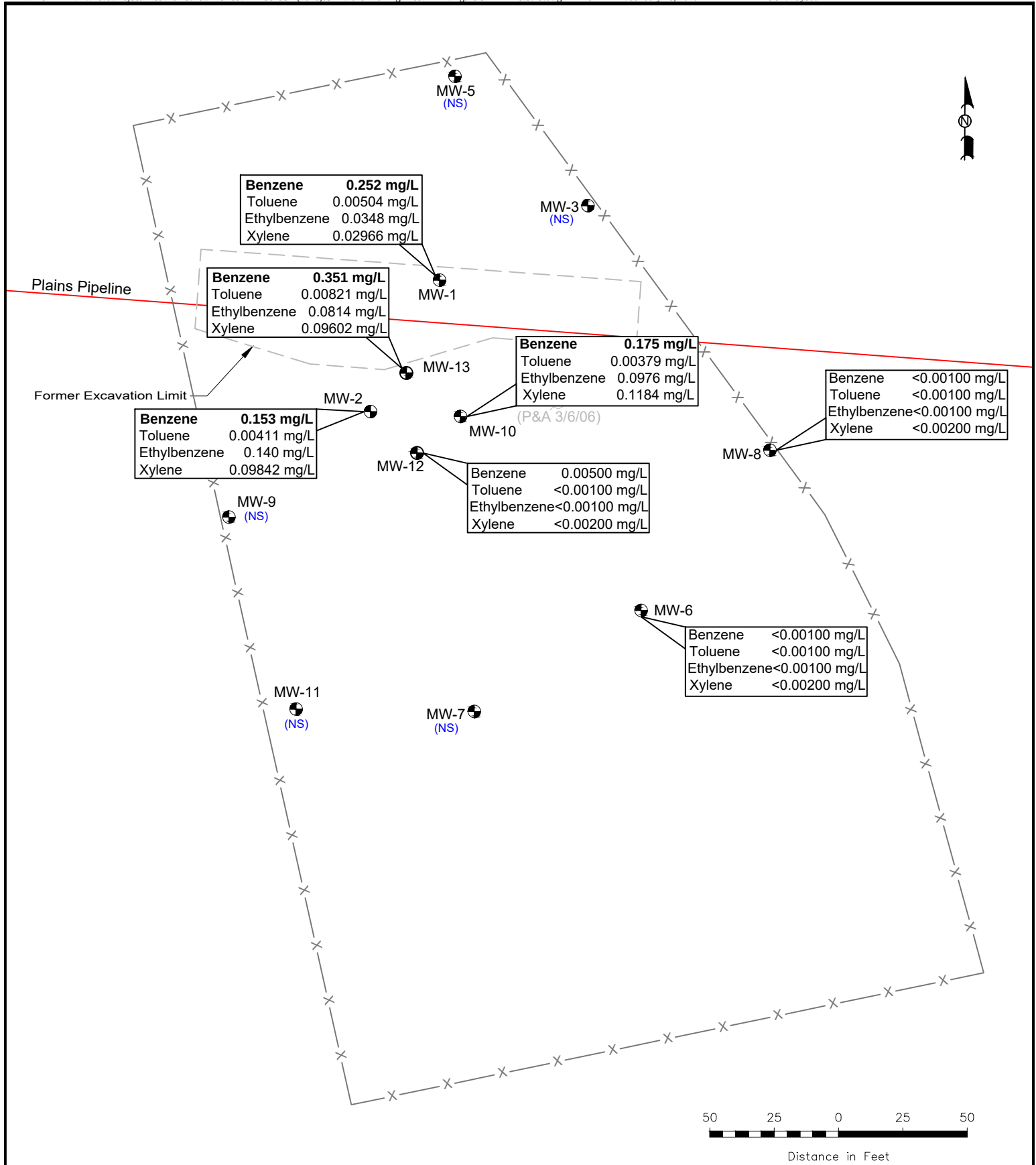
LEGEND:

- Monitor Well Location
- Plugged and Abandoned
- Fence
- Pipeline
- Former Excavation Limits
- (3728.80) Groundwater Elevation (feet)
- Groundwater Elevation Contour Line

Figure 2D
 Inferred Groundwater
 Gradient Map
 (11/25/2019)
 Plains Marketing, L.P.
 TNM 98-05A
 NMOCD Reference # AP-12-0
 Lea County, NM

Scale: 1" = 50'	
CAD By: CS	Checked By: CS
Draft: December 16, 2019	
Lat. N 32.450991°, Long. W 103.138305°	
SW1/4 NW1/4 Sec 26 T21S R37E	
TRC Proj. No.: 014180	





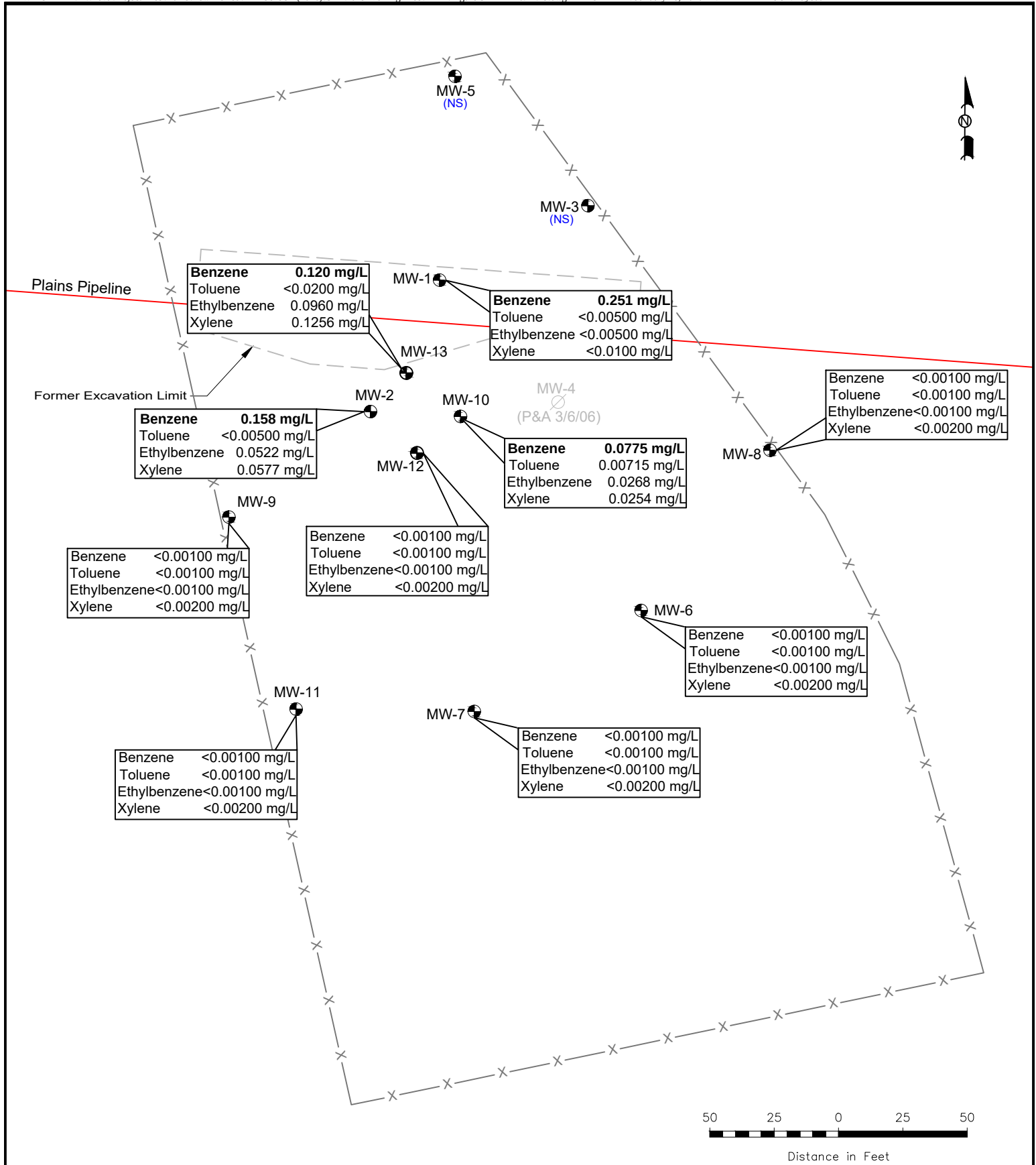
LEGEND:

- Monitor Well Location
- Plugged and Abandoned
- Fence
- Pipeline
- Former Excavation Limits
- Inferred PSH Extent
- 2.42' Thickness of PSH (feet)
- (NS) Not Sampled
- <0.001 Constituent Concentration (mg/L)

Figure 3A
Groundwater Concentration and Inferred PSH Extent Map
(3/5/2019)
Plains Marketing, L.P.
TNM 98-05A
NMOC Reference # AP-12-0
Lea County, NM

Scale: 1" = 50'	
CAD By: CS	Checked By: CS
Draft: April 1, 2019	
Lat. N 32.450991°, Long. W 103.138305°	
SW1/4 NW1/4 Sec 26 T21S R37E	
TRC Proj. No.: 014180	

TRC
10 Desta Drive, Suite 150E
Midland, Texas 79705
432.520.7720



LEGEND:

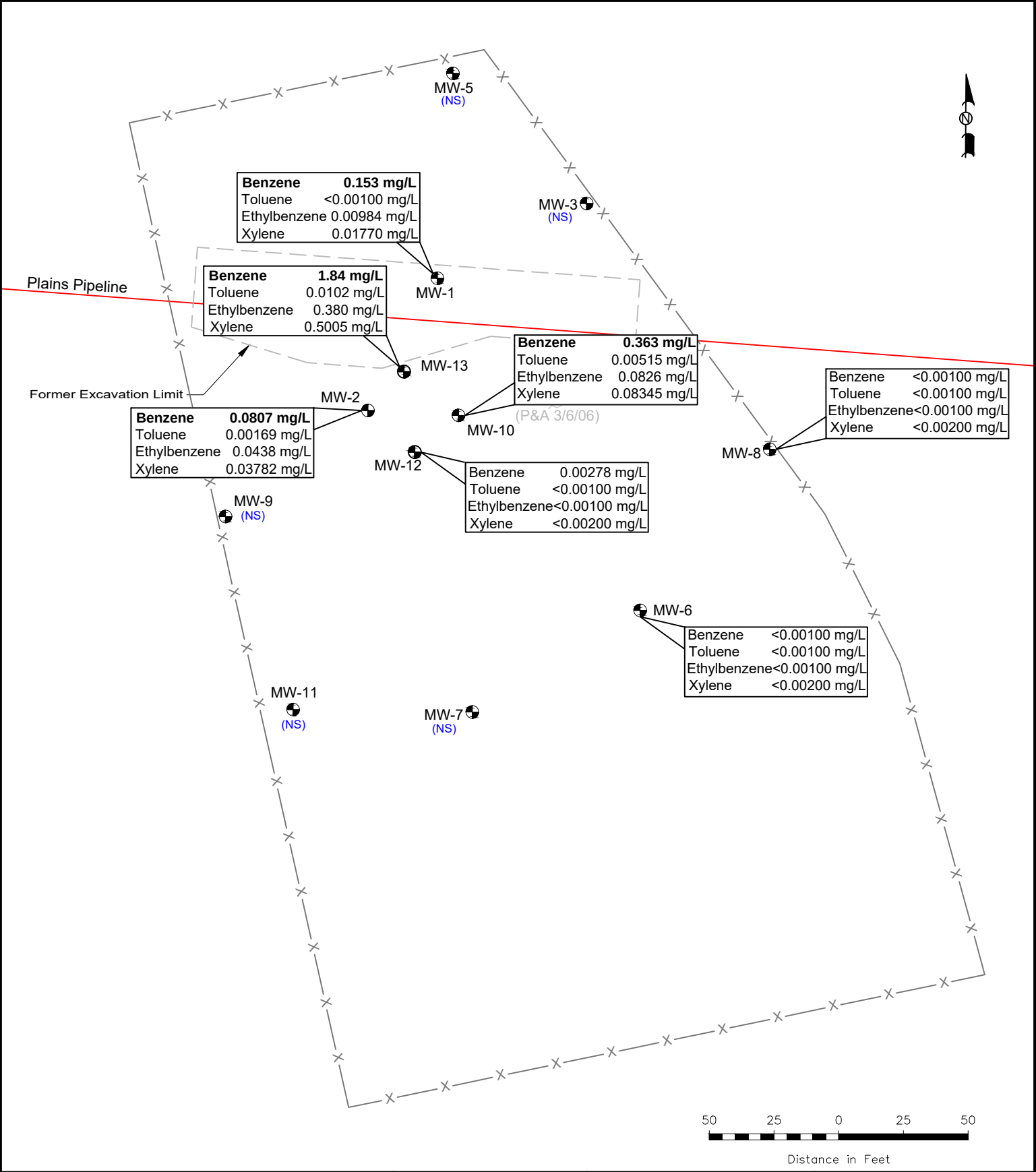
- Monitor Well Location
- Plugged and Abandoned
- Fence
- Pipeline
- Former Excavation Limits
- Inferred PSH Extent
- 2.42' Thickness of PSH (feet)
- (NS) Not Sampled
- <0.001 Constituent Concentration (mg/L)

Figure 3B
Groundwater Concentration and Inferred PSH Extent Map
 (6/11/2019)
 Plains Marketing, L.P.
 TNM 98-05A
 NMOC Reference # AP-12-0
 Lea County, NM

Scale: 1" = 50'	
CAD By: CS	Checked By: CS
Draft: June 24, 2019	
Lat. N 32.450991°, Long. W 103.138305°	
SW1/4 NW1/4 Sec 26 T21S R37E	
TRC Proj. No.: 014180	

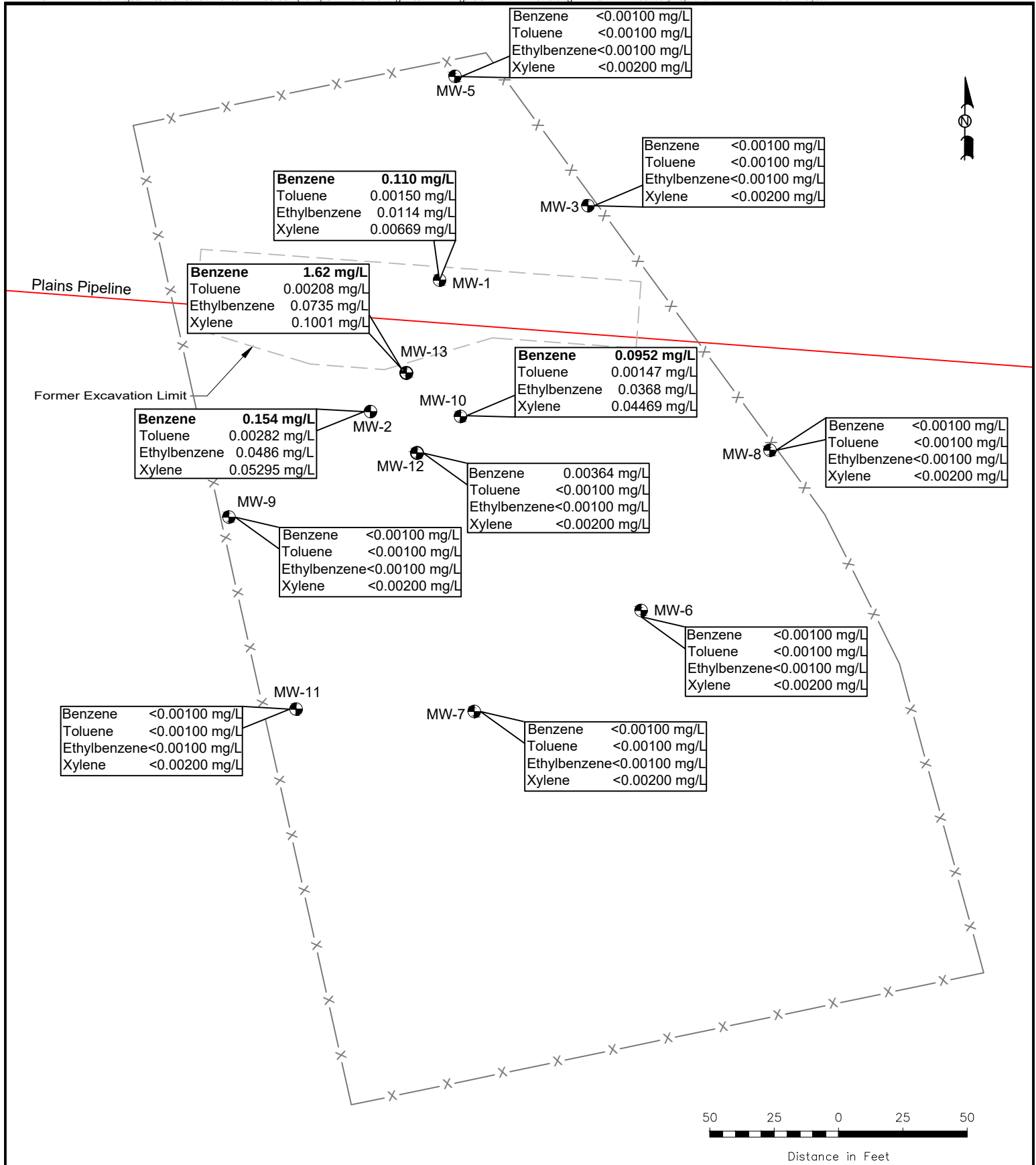
TRC

2057 Commerce Drive
 Midland, Texas 79703
 432.520.7720



LEGEND:		Figure 3C		Scale: 1" = 50'		 TRC 10 Desta Drive, Suite 150E Midland, Texas 79705 432.520.7720
	Monitor Well Location	2.42'	Thickness of PSH (feet)	CAD By: CS Checked By: CS		
	Plugged and Abandoned	(NS)	Not Sampled	Draft: September 13, 2019		
	Fence	<0.001	Constituent Concentration (mg/L)	Lat. N 32.450991°, Long. W 103.138305°		
	Pipeline			SW1/4 NW1/4 Sec 26 T21S R37E		
	Former Excavation Limits			TRC Proj. No.: 014180		
	Inferred PSH Extent					

Plains Marketing, L.P.
TNM 98-05A
NMOC Reference # AP-12-0
Lea County, NM



LEGEND:

- Monitor Well Location
- Plugged and Abandoned
- Fence
- Pipeline
- Former Excavation Limits
- Inferred PSH Extent
- 2.42'** Thickness of PSH (feet)
- (NS)** Not Sampled
- <0.001** Constituent Concentration (mg/L)

Figure 3D
Groundwater Concentration and Inferred PSH Extent Map
 (11/25/2019)
 Plains Marketing, L.P.
 TNM 98-05A
 NMOC Reference # AP-12-0
 Lea County, NM

Scale: 1" = 50'	
CAD By: CS	Checked By: CS
Draft: December 13, 2019	
Lat. N 32.450991°, Long. W 103.138305°	
SW1/4 NW1/4 Sec 26 T21S R37E	
TRC Proj. No.: 014180	

TRC

10 Desta Drive, Suite 150E
 Midland, Texas 79705
 432.520.7720

2019 Tables

TABLE 1

2019 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	01/03/19	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
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

TABLE 1**2019 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	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 - 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

TABLE 1**2019 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	06/25/19	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
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 - 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	-	46.27	0.00	3,344.81
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

TABLE 1

2019 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	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 - 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 - 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

TABLE 1**2019 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	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 - 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
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 - 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

TABLE 1**2019 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	03/01/19	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
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

TABLE 1**2019 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	12/19/19	3391.26	-	46.45	0.00	3,344.81
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 - 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

TABLE 1**2019 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	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 - 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

TABLE 1**2019 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	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
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

TABLE 2

2019 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	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 - 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 - 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 - 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 - 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 - 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 - 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 - 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 - 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	

TABLE 2

2019 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	08/15/19	0.363	0.00515	0.0826	0.08345	
MW - 10	11/25/19	0.0952	0.00147	0.0368	0.04469	
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-12	03/05/19	0.00500	<0.00100	<0.00100	<0.00200	
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-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	

TABLE 3

2019 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-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-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-3	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
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-11	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
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

Historical Tables

TABLE 1

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 1

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 1

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 1

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 1

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 1

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 1

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 1

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 1

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 1

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 1

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 1

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 - 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
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

TABLE 1

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	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
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

TABLE 1

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	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
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

TABLE 1

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	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
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

TABLE 1

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	12/17/08	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
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

TABLE 1

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	07/28/10	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
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

TABLE 1

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	06/06/13	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
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

TABLE 1

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	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
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

TABLE 1

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	09/17/15	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
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

TABLE 1

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	09/12/16	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
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

TABLE 1

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	12/28/18	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
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 - 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

TABLE 1

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	11/29/99	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
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

TABLE 1

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	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
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

TABLE 1

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	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
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

TABLE 1

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	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 - 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

TABLE 1

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	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
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

TABLE 1

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	05/30/01	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
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

TABLE 1

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	11/17/11	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
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

TABLE 1

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	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
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 - 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
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

TABLE 1

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	05/08/03	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
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

TABLE 1

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	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
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

TABLE 1

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	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 - 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
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

TABLE 1

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	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
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

TABLE 1

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	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
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

TABLE 1

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	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 - 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
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

TABLE 1

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	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
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

TABLE 1

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	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
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 - 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

TABLE 1

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	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
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

TABLE 1

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	10/22/03	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
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

TABLE 1

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	11/16/06	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
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

TABLE 1

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	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
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

TABLE 1

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	05/08/14	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
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

TABLE 1

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	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
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 - 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

TABLE 1

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	04/02/03	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
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

TABLE 1

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	03/23/04	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
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

TABLE 1

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	04/18/05	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
MW - 10	01/01/06	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

TABLE 1

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	12/17/08	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
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

TABLE 1

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	07/28/10	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
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

TABLE 1

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	06/13/13	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
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

TABLE 1

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	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
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

TABLE 1

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	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
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

TABLE 1

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	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
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

TABLE 1

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	01/16/19	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
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 - 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

TABLE 1

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	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
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

TABLE 1

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	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
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

TABLE 1

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	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 - 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
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

TABLE 1

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	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
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

TABLE 1

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	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
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

TABLE 1

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	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
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

TABLE 1

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	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
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

TABLE 1

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	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 - 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

TABLE 1

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	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
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

TABLE 1

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	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
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

TABLE 1

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	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
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

TABLE 1

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	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
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

TABLE 1

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	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
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

TABLE 2

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 2

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 - 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	
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	

TABLE 2

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	02/04/10	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 - 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	

TABLE 2

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	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	
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	

TABLE 2

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	08/05/11	<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 - 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	

TABLE 2

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 - 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	
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				

TABLE 2

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	11/21/06	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				
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				

TABLE 2

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	11/07/17	<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 - 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	
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				

TABLE 2

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	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	
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	

TABLE 2

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	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 - 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	
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	

TABLE 2

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	02/18/09	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	
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				

TABLE 2

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	11/25/19	<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	
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				

TABLE 2

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	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	
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 - 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	

TABLE 2

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	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	
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	

TABLE 2

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	05/03/12	<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				
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 - 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	

TABLE 2

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 - 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	
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	

TABLE 2

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 - 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 - 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		
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					

TABLE 2

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	05/29/14	<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				
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-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	

TABLE 2

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	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	
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-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	

TABLE 3

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05A
LEA COUNTY, NEW MEXICO
NMOC 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-Methyl naphthalene	2-Methyl naphthalene	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	0.00193	<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	0.0114	<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	0.0132	<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	0.0236	<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	0.494	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		
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		
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	0.00051	<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-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	<0.000922	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	<0.000186	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	<0.000185	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-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	
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-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	<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	<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.																			

TABLE 3

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-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-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.																		
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-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-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.																		
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-9	11/19/08	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	0.00427	<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	0.00358	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	
MW-9	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

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-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	<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	<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	<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-10	11/19/08	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	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	<0.000922	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	<0.000188	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	<0.000184	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																		
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-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	<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	<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-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	<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	<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-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.																		

TABLE 3

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	11/20/15	Not Sampled Due to the Presence of PSH.																		
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	0.00096	<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

2019 Laboratory 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: 98-05
Location: None Given
Lab Order Number: 9C07001



NELAP/TCEQ # T104704516-18-9

Report Date: 03/13/19

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

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

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW 6	9C07001-01	Water	03/05/19 12:30	03-07-2019 08:31
MW 8	9C07001-02	Water	03/05/19 12:43	03-07-2019 08:31
MW 12	9C07001-03	Water	03/05/19 13:16	03-07-2019 08:31
MW 2	9C07001-04	Water	03/05/19 13:41	03-07-2019 08:31
MW 1	9C07001-05	Water	03/05/19 14:00	03-07-2019 08:31
MW 10	9C07001-06	Water	03/05/19 14:20	03-07-2019 08:31
MW 13	9C07001-07	Water	03/05/19 15:00	03-07-2019 08:31

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

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

Fax: (432) 520-7701

MW 6
9C07001-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P9C0804	03/08/19	03/08/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		78.8 %	80-120		P9C0804	03/08/19	03/08/19	EPA 8021B	S-09

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

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

Fax: (432) 520-7701

MW 8
9C07001-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P9C0804	03/08/19	03/08/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		77.6 %	80-120		P9C0804	03/08/19	03/08/19	EPA 8021B	S-09

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

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

Fax: (432) 520-7701

MW 12
9C07001-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00500	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>118 %</i>	<i>80-120</i>		<i>P9C0804</i>	<i>03/08/19</i>	<i>03/08/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>87.8 %</i>	<i>80-120</i>		<i>P9C0804</i>	<i>03/08/19</i>	<i>03/08/19</i>	<i>EPA 8021B</i>

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

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

Fax: (432) 520-7701

MW 2
9C07001-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.153	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B	
Toluene	0.00411	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B	
Ethylbenzene	0.140	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B	
Xylene (p/m)	0.0947	0.00200	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B	
Xylene (o)	0.00372	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		78.9 %		80-120	P9C0804	03/08/19	03/08/19	EPA 8021B	S-09
<i>Surrogate: 1,4-Difluorobenzene</i>		98.6 %		80-120	P9C0804	03/08/19	03/08/19	EPA 8021B	

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

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

Fax: (432) 520-7701

MW 1
9C07001-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.252	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B
Toluene	0.00504	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B
Ethylbenzene	0.0348	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B
Xylene (p/m)	0.0249	0.00200	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B
Xylene (o)	0.00476	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		85.0 %	80-120		P9C0804	03/08/19	03/08/19	EPA 8021B
<i>Surrogate: 1,4-Difluorobenzene</i>		110 %	80-120		P9C0804	03/08/19	03/08/19	EPA 8021B

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

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

Fax: (432) 520-7701

MW 10
9C07001-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.175	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B
Toluene	0.00379	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B
Ethylbenzene	0.0976	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B
Xylene (p/m)	0.0963	0.00200	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B
Xylene (o)	0.0221	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>81.4 %</i>	<i>80-120</i>		<i>P9C0804</i>	<i>03/08/19</i>	<i>03/08/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>94.4 %</i>	<i>80-120</i>		<i>P9C0804</i>	<i>03/08/19</i>	<i>03/08/19</i>	<i>EPA 8021B</i>

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

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

Fax: (432) 520-7701

MW 13
9C07001-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.351	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B
Toluene	0.00821	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B
Ethylbenzene	0.0814	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B
Xylene (p/m)	0.0889	0.00200	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B
Xylene (o)	0.00712	0.00100	mg/L	1	P9C0804	03/08/19	03/08/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>80.3 %</i>	<i>80-120</i>		<i>P9C0804</i>	<i>03/08/19</i>	<i>03/08/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>112 %</i>	<i>80-120</i>		<i>P9C0804</i>	<i>03/08/19</i>	<i>03/08/19</i>	<i>EPA 8021B</i>

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

Project: 98-05
Project Number: 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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch P9C0804 - General Preparation (GC)

Blank (P9C0804-BLK1)

Prepared & Analyzed: 03/08/19

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	0.0648		"	0.0600		108	80-120			
Surrogate: 1,4-Difluorobenzene	0.0499		"	0.0600		83.2	80-120			

LCS (P9C0804-BS1)

Prepared & Analyzed: 03/08/19

Benzene	0.120	0.00100	mg/L	0.100		120	80-120			
Toluene	0.119	0.00100	"	0.100		119	80-120			
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200		116	80-120			
Xylene (o)	0.119	0.00100	"	0.100		119	80-120			
Surrogate: 4-Bromofluorobenzene	0.0600		"	0.0600		99.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.0593		"	0.0600		98.8	80-120			

LCS Dup (P9C0804-BSD1)

Prepared & Analyzed: 03/08/19

Benzene	0.120	0.00100	mg/L	0.100		120	80-120	0.176	20	
Toluene	0.120	0.00100	"	0.100		120	80-120	0.301	20	
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120	1.61	20	
Xylene (p/m)	0.231	0.00200	"	0.200		116	80-120	0.660	20	
Xylene (o)	0.119	0.00100	"	0.100		119	80-120	0.201	20	
Surrogate: 4-Bromofluorobenzene	0.0623		"	0.0600		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.0617		"	0.0600		103	80-120			

Calibration Blank (P9C0804-CCB1)

Prepared & Analyzed: 03/08/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	1.15		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.0672		"	0.0600		112	80-120			
Surrogate: 1,4-Difluorobenzene	0.0503		"	0.0600		83.9	80-120			

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

Project: 98-05
Project Number: 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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch P9C0804 - General Preparation (GC)

Calibration Blank (P9C0804-CCB2)

Prepared & Analyzed: 03/08/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.0666		"	0.0600		111	80-120			
Surrogate: 1,4-Difluorobenzene	0.0486		"	0.0600		81.0	80-120			

Calibration Check (P9C0804-CCV1)

Prepared & Analyzed: 03/08/19

Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.120	0.00100	"	0.100		120	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.232	0.00200	"	0.200		116	80-120			
Xylene (o)	0.120	0.00100	"	0.100		120	80-120			
Surrogate: 4-Bromofluorobenzene	0.0613		"	0.0600		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.0614		"	0.0600		102	80-120			

Calibration Check (P9C0804-CCV2)

Prepared & Analyzed: 03/08/19

Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.119	0.00100	"	0.100		119	80-120			
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120			
Xylene (p/m)	0.226	0.00200	"	0.200		113	80-120			
Xylene (o)	0.120	0.00100	"	0.100		120	80-120			
Surrogate: 4-Bromofluorobenzene	0.0659		"	0.0600		110	80-120			
Surrogate: 1,4-Difluorobenzene	0.0637		"	0.0600		106	80-120			

Calibration Check (P9C0804-CCV3)

Prepared: 03/08/19 Analyzed: 03/09/19

Benzene	0.115	0.00100	mg/L	0.100		115	80-120			
Toluene	0.115	0.00100	"	0.100		115	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120			
Xylene (o)	0.119	0.00100	"	0.100		119	80-120			
Surrogate: 4-Bromofluorobenzene	0.0628		"	0.0600		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.0611		"	0.0600		102	80-120			

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

Project: 98-05
Project Number: 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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch P9C0804 - General Preparation (GC)

Matrix Spike (P9C0804-MS1)

Source: 9C07001-01

Prepared: 03/08/19 Analyzed: 03/09/19

Benzene	0.116	0.00100	mg/L	0.100	ND	116	80-120
Toluene	0.120	0.00100	"	0.100	ND	120	80-120
Ethylbenzene	0.106	0.00100	"	0.100	ND	106	80-120
Xylene (p/m)	0.235	0.00200	"	0.200	ND	117	80-120
Xylene (o)	0.116	0.00100	"	0.100	ND	116	80-120
Surrogate: 4-Bromofluorobenzene	0.0640		"	0.0600		107	80-120
Surrogate: 1,4-Difluorobenzene	0.0620		"	0.0600		103	80-120

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

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

Fax: (432) 520-7701

Notes and Definitions

S-09 Surrogate recovery limits have been exceeded.
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:

3/13/2019

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, 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: 9F12001



NELAP/TCEQ # T104704516-18-9

Report Date: 06/21/19

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

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW 7	9F12001-01	Water	06/11/19 12:45	06-12-2019 08:48
MW 9	9F12001-02	Water	06/11/19 12:56	06-12-2019 08:48
MW 11	9F12001-03	Water	06/11/19 13:15	06-12-2019 08:48
MW 6	9F12001-04	Water	06/11/19 13:31	06-12-2019 08:48
MW 8	9F12001-05	Water	06/11/19 14:06	06-12-2019 08:48
MW 12	9F12001-06	Water	06/11/19 14:50	06-12-2019 08:48
MW 2	9F12001-07	Water	06/11/19 15:10	06-12-2019 08:48
MW 10	9F12001-08	Water	06/11/19 15:30	06-12-2019 08:48
MW 1	9F12001-09	Water	06/11/19 15:40	06-12-2019 08:48
MW 13	9F12001-10	Water	06/11/19 16:30	06-12-2019 08:48

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

MW 7
9F12001-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		126 %	80-120		P9F1202	06/17/19	06/19/19	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		86.4 %	80-120		P9F1202	06/17/19	06/19/19	EPA 8021B	

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

MW 9

9F12001-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P9F1202	06/17/19	06/19/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		81.8 %	80-120		P9F1202	06/17/19	06/19/19	EPA 8021B

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

MW 11
9F12001-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		117 %	80-120		P9F1202	06/17/19	06/19/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		88.2 %	80-120		P9F1202	06/17/19	06/19/19	EPA 8021B

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

MW 6
9F12001-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P9F1202	06/17/19	06/19/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		88.8 %	80-120		P9F1202	06/17/19	06/19/19	EPA 8021B

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

MW 8
9F12001-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		100 %	80-120		P9F1202	06/17/19	06/19/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		81.8 %	80-120		P9F1202	06/17/19	06/19/19	EPA 8021B

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

MW 12
9F12001-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9F1202	06/17/19	06/19/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>109 %</i>	<i>80-120</i>		<i>P9F1202</i>	<i>06/17/19</i>	<i>06/19/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>80.8 %</i>	<i>80-120</i>		<i>P9F1202</i>	<i>06/17/19</i>	<i>06/19/19</i>	<i>EPA 8021B</i>

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

MW 2

9F12001-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.158	0.00500	mg/L	5	P9F1202	06/17/19	06/19/19	EPA 8021B
Toluene	ND	0.00500	mg/L	5	P9F1202	06/17/19	06/19/19	EPA 8021B
Ethylbenzene	0.0522	0.00500	mg/L	5	P9F1202	06/17/19	06/19/19	EPA 8021B
Xylene (p/m)	0.0577	0.0100	mg/L	5	P9F1202	06/17/19	06/19/19	EPA 8021B
Xylene (o)	ND	0.00500	mg/L	5	P9F1202	06/17/19	06/19/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>89.1 %</i>		<i>80-120</i>	<i>P9F1202</i>	<i>06/17/19</i>	<i>06/19/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>87.2 %</i>		<i>80-120</i>	<i>P9F1202</i>	<i>06/17/19</i>	<i>06/19/19</i>	<i>EPA 8021B</i>

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

MW 10
9F12001-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0775	0.00500	mg/L	5	P9F1202	06/17/19	06/19/19	EPA 8021B
Toluene	0.00715	0.00500	mg/L	5	P9F1202	06/17/19	06/19/19	EPA 8021B
Ethylbenzene	0.0268	0.00500	mg/L	5	P9F1202	06/17/19	06/19/19	EPA 8021B
Xylene (p/m)	0.0254	0.0100	mg/L	5	P9F1202	06/17/19	06/19/19	EPA 8021B
Xylene (o)	ND	0.00500	mg/L	5	P9F1202	06/17/19	06/19/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>108 %</i>	<i>80-120</i>		<i>P9F1202</i>	<i>06/17/19</i>	<i>06/19/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>83.6 %</i>	<i>80-120</i>		<i>P9F1202</i>	<i>06/17/19</i>	<i>06/19/19</i>	<i>EPA 8021B</i>

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

MW 1

9F12001-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.251	0.00500	mg/L	5	P9F1202	06/17/19	06/19/19	EPA 8021B
Toluene	ND	0.00500	mg/L	5	P9F1202	06/17/19	06/19/19	EPA 8021B
Ethylbenzene	ND	0.00500	mg/L	5	P9F1202	06/17/19	06/19/19	EPA 8021B
Xylene (p/m)	ND	0.0100	mg/L	5	P9F1202	06/17/19	06/19/19	EPA 8021B
Xylene (o)	ND	0.00500	mg/L	5	P9F1202	06/17/19	06/19/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>94.8 %</i>	<i>80-120</i>		<i>P9F1202</i>	<i>06/17/19</i>	<i>06/19/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>104 %</i>	<i>80-120</i>		<i>P9F1202</i>	<i>06/17/19</i>	<i>06/19/19</i>	<i>EPA 8021B</i>

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

MW 13
9F12001-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.120	0.0200	mg/L	20	P9F1202	06/17/19	06/19/19	EPA 8021B	
Toluene	ND	0.0200	mg/L	20	P9F1202	06/17/19	06/19/19	EPA 8021B	
Ethylbenzene	0.0906	0.0200	mg/L	20	P9F1202	06/17/19	06/19/19	EPA 8021B	
Xylene (p/m)	0.103	0.0400	mg/L	20	P9F1202	06/17/19	06/19/19	EPA 8021B	
Xylene (o)	0.0226	0.0200	mg/L	20	P9F1202	06/17/19	06/19/19	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.8 %		80-120	P9F1202	06/17/19	06/19/19	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		73.9 %		80-120	P9F1202	06/17/19	06/19/19	EPA 8021B	S-GC

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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch P9F1202 - General Preparation (GC)

Blank (P9F1202-BLK1)

Prepared: 06/17/19 Analyzed: 06/19/19

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	0.0639		"	0.0600		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.0526		"	0.0600		87.6	80-120			

LCS (P9F1202-BS1)

Prepared: 06/17/19 Analyzed: 06/19/19

Benzene	0.116	0.00100	mg/L	0.100		116	80-120			
Toluene	0.117	0.00100	"	0.100		117	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.238	0.00200	"	0.200		119	80-120			
Xylene (o)	0.120	0.00100	"	0.100		120	80-120			
Surrogate: 4-Bromofluorobenzene	0.0654		"	0.0600		109	80-120			
Surrogate: 1,4-Difluorobenzene	0.0652		"	0.0600		109	80-120			

LCS Dup (P9F1202-BSD1)

Prepared: 06/17/19 Analyzed: 06/19/19

Benzene	0.110	0.00100	mg/L	0.100		110	80-120	5.23	20	
Toluene	0.107	0.00100	"	0.100		107	80-120	9.41	20	
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120	2.92	20	
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120	12.6	20	
Xylene (o)	0.109	0.00100	"	0.100		109	80-120	9.57	20	
Surrogate: 4-Bromofluorobenzene	0.0567		"	0.0600		94.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.0604		"	0.0600		101	80-120			

Matrix Spike (P9F1202-MS1)

Source: 9F12001-01

Prepared: 06/17/19 Analyzed: 06/19/19

Benzene	0.117	0.00100	mg/L	0.100	ND	117	80-120			
Toluene	0.118	0.00100	"	0.100	ND	118	80-120			
Ethylbenzene	0.116	0.00100	"	0.100	ND	116	80-120			
Xylene (p/m)	0.222	0.00200	"	0.200	ND	111	80-120			
Xylene (o)	0.117	0.00100	"	0.100	ND	117	80-120			
Surrogate: 4-Bromofluorobenzene	0.0647		"	0.0600		108	80-120			
Surrogate: 1,4-Difluorobenzene	0.0658		"	0.0600		110	80-120			

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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch P9F1202 - General Preparation (GC)

Matrix Spike Dup (P9F1202-MSD1)

Source: 9F12001-01

Prepared: 06/17/19 Analyzed: 06/19/19

Benzene	0.118	0.00100	mg/L	0.100	ND	118	80-120	0.979	20	
Toluene	0.119	0.00100	"	0.100	ND	119	80-120	0.804	20	
Ethylbenzene	0.113	0.00100	"	0.100	ND	113	80-120	3.21	20	
Xylene (p/m)	0.221	0.00200	"	0.200	ND	110	80-120	0.398	20	
Xylene (o)	0.118	0.00100	"	0.100	ND	118	80-120	1.33	20	
Surrogate: 4-Bromofluorobenzene	0.0642		"	0.0600		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.0608		"	0.0600		101	80-120			

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.

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:

6/21/2019

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.



Phone: 432-686-7995

98-05

Page 16 of 17

Project Loc:

PO#:

Report Format:

Standard

☐ Standard ☐ TRAP

☐ NPDES

e-mail:

ORDER # 11601

(lab use only)		ORDER #:	
		9F12001	
LAB # (lab use only)			
FIELD CODE			
	mw7	Beginning Depth	
	mw8	Ending Depth	
	mw9	Date Sampled	6-11
	mw10	Time Sampled	
1	mw7	Field Filtered	
2	mw9	Total #. of Containers	3 X
3	mw11	Ice	X
4	mw6	HNO ₃	
5	mw8	HCl	X
6	mw12	H ₂ SO ₄	
7	mw2	NaOH	
8	mw10	Na ₂ S ₂ O ₃	
		None	
		Other (Specify)	
		DW=Drinking Water SL=Sludge GW = Groundwater S=Soli/Solid NP=Non-Potable Specify Other	GW
		TPH by TX 1005 8015B 8015M	
		Chloride	
		BTEX by 8021B	X
		TOTAL	
		TOTAL	
		RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	
		Standard TAT	X

Date	Time
------	------

[illegible]

+

Special Instructions:

Laboratory Comments:

**Sample Containers Intact?
VOGs Free of Headspace?**

Labels on container(s)

Custody seals on container

Christodoulos said in an interview.

Creating a Code

Sample-Hand-Delivered

by Camille/William D. ...

by Campbell/Clement Rep

by Courier? UPS

Temperature Upon Release

Devised: 30

RECEIVED. 3.

Adjusted: 4.9



Phone: 433-666 7995

0-05

Page 17 of 17

Project Log:

Midland TX 79705

Fax No:

e-mail:

Standard

TRRP

NPDES

ORDER #: OF-12001

Preservation & # of Confidances

Abstract

Analyze For:

TOTAL:

EX by 80218

5

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

Standard TAT

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

Time

11

1

Laboratory Comments:
Sample Containers Intact?
VOGs Free of Headspace?
Labels on container(s)
Custody seals on container(s)
Custody seals on cooler(s)
Sample Hand Delivered

ZZZZZZ

by Sampler/Client Rep. ?	W	N
by Courier? UPS DHL		
Temperature Upon Receipt:		
Received: 3.0 °C		
Adjusted: 4.0 °C Factor		12/

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



Analytical Report

Prepared for:

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

Project: TNM 98-05
Project Number: TNM 98-05A
Location: None Given
Lab Order Number: 9H16001



NELAP/TCEQ # T104704516-18-9

Report Date: 08/28/19

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

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

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW6	9H16001-01	Water	08/15/19 15:07	08-16-2019 10:33
MW8	9H16001-02	Water	08/15/19 15:22	08-16-2019 10:33
MW12	9H16001-03	Water	08/15/19 16:10	08-16-2019 10:33
MW13	9H16001-04	Water	08/15/19 16:33	08-16-2019 10:33
MW2	9H16001-05	Water	08/15/19 16:58	08-16-2019 10:33
MW10	9H16001-06	Water	08/15/19 17:15	08-16-2019 10:33
MW1	9H16001-07	Water	08/15/19 17:28	08-16-2019 10:33

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

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

Fax: (432) 520-7701

MW6
9H16001-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		110 %	80-120		P9H1908	08/19/19	08/20/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		85.6 %	80-120		P9H1908	08/19/19	08/20/19	EPA 8021B

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

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

Fax: (432) 520-7701

MW8

9H16001-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		118 %	80-120		P9H1908	08/19/19	08/20/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		90.6 %	80-120		P9H1908	08/19/19	08/20/19	EPA 8021B

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

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

Fax: (432) 520-7701

MW12
9H16001-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00278	0.00100	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>118 %</i>	<i>80-120</i>		<i>P9H1908</i>	<i>08/19/19</i>	<i>08/20/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>92.9 %</i>	<i>80-120</i>		<i>P9H1908</i>	<i>08/19/19</i>	<i>08/20/19</i>	<i>EPA 8021B</i>

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

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

Fax: (432) 520-7701

MW13
9H16001-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	1.84	0.0100	mg/L	10	P9H1908	08/19/19	08/20/19	EPA 8021B
Toluene	0.0102	0.0100	mg/L	10	P9H1908	08/19/19	08/20/19	EPA 8021B
Ethylbenzene	0.380	0.0100	mg/L	10	P9H1908	08/19/19	08/20/19	EPA 8021B
Xylene (p/m)	0.453	0.0200	mg/L	10	P9H1908	08/19/19	08/20/19	EPA 8021B
Xylene (o)	0.0475	0.0100	mg/L	10	P9H1908	08/19/19	08/20/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>86.7 %</i>	<i>80-120</i>		<i>P9H1908</i>	<i>08/19/19</i>	<i>08/20/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>86.0 %</i>	<i>80-120</i>		<i>P9H1908</i>	<i>08/19/19</i>	<i>08/20/19</i>	<i>EPA 8021B</i>

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

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

Fax: (432) 520-7701

MW2

9H16001-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0807	0.00100	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B	
Toluene	0.00169	0.00100	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B	
Ethylbenzene	0.0438	0.00100	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B	
Xylene (p/m)	0.0366	0.00200	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B	
Xylene (o)	0.00122	0.00100	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>93.9 %</i>	<i>80-120</i>		<i>P9H1908</i>	<i>08/19/19</i>	<i>08/20/19</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>76.3 %</i>	<i>80-120</i>		<i>P9H1908</i>	<i>08/19/19</i>	<i>08/20/19</i>	<i>EPA 8021B</i>	<i>S-GC</i>

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

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

Fax: (432) 520-7701

MW10
9H16001-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.363	0.00500	mg/L	5	P9H1908	08/19/19	08/20/19	EPA 8021B
Toluene	0.00515	0.00500	mg/L	5	P9H1908	08/19/19	08/20/19	EPA 8021B
Ethylbenzene	0.0826	0.00500	mg/L	5	P9H1908	08/19/19	08/20/19	EPA 8021B
Xylene (p/m)	0.0766	0.0100	mg/L	5	P9H1908	08/19/19	08/20/19	EPA 8021B
Xylene (o)	0.00685	0.00500	mg/L	5	P9H1908	08/19/19	08/20/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>92.8 %</i>		<i>80-120</i>	<i>P9H1908</i>	<i>08/19/19</i>	<i>08/20/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>81.5 %</i>		<i>80-120</i>	<i>P9H1908</i>	<i>08/19/19</i>	<i>08/20/19</i>	<i>EPA 8021B</i>

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

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

Fax: (432) 520-7701

MW1
9H16001-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.153	0.00100	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B
Ethylbenzene	0.00984	0.00100	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B
Xylene (p/m)	0.00370	0.00200	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B
Xylene (o)	0.0140	0.00100	mg/L	1	P9H1908	08/19/19	08/20/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>92.4 %</i>		<i>80-120</i>	<i>P9H1908</i>	<i>08/19/19</i>	<i>08/20/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>85.3 %</i>		<i>80-120</i>	<i>P9H1908</i>	<i>08/19/19</i>	<i>08/20/19</i>	<i>EPA 8021B</i>

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

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

Fax: (432) 520-7701

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

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

Batch P9H1908 - General Preparation (GC)

Blank (P9H1908-BLK1)

Prepared: 08/19/19 Analyzed: 08/20/19

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	0.134		"	0.120		112	80-120			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.6	80-120			

LCS (P9H1908-BS1)

Prepared: 08/19/19 Analyzed: 08/20/19

Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.110	0.00100	"	0.100		110	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.231	0.00200	"	0.200		116	80-120			
Xylene (o)	0.120	0.00100	"	0.100		120	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		97.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.6	80-120			

LCS Dup (P9H1908-BSD1)

Prepared: 08/19/19 Analyzed: 08/20/19

Benzene	0.104	0.00100	mg/L	0.100		104	80-120	2.64	20	
Toluene	0.116	0.00100	"	0.100		116	80-120	5.50	20	
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120	5.41	20	
Xylene (p/m)	0.234	0.00200	"	0.200		117	80-120	1.24	20	
Xylene (o)	0.115	0.00100	"	0.100		115	80-120	4.16	20	
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Calibration Blank (P9H1908-CCB1)

Prepared: 08/19/19 Analyzed: 08/20/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.134		"	0.120		112	80-120			
Surrogate: 1,4-Difluorobenzene	0.0992		"	0.120		82.6	80-120			

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

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

Fax: (432) 520-7701

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

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

Batch P9H1908 - General Preparation (GC)

Calibration Blank (P9H1908-CCB2)

Prepared: 08/19/19 Analyzed: 08/20/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.103		"	0.120		85.6	80-120			

Calibration Blank (P9H1908-CCB3)

Prepared: 08/19/19 Analyzed: 08/20/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.132		"	0.120		110	80-120			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.6	80-120			

Calibration Check (P9H1908-CCV1)

Prepared: 08/19/19 Analyzed: 08/20/19

Benzene	0.0938	0.00100	mg/L	0.100		93.8	80-120			
Toluene	0.0994	0.00100	"	0.100		99.4	80-120			
Ethylbenzene	0.0970	0.00100	"	0.100		97.0	80-120			
Xylene (p/m)	0.198	0.00200	"	0.200		99.2	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.4	80-120			

Calibration Check (P9H1908-CCV2)

Prepared: 08/19/19 Analyzed: 08/20/19

Benzene	0.0979	0.00100	mg/L	0.100		97.9	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120			
Xylene (o)	0.115	0.00100	"	0.100		115	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	80-120			

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

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

Fax: (432) 520-7701

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

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

Batch P9H1908 - General Preparation (GC)

Calibration Check (P9H1908-CCV3)

Prepared: 08/19/19 Analyzed: 08/20/19

Benzene	0.0888	0.00100	mg/L	0.100		88.8	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.189	0.00200	"	0.200		94.6	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.135		"	0.120		112	80-120			
Surrogate: 1,4-Difluorobenzene	0.130		"	0.120		109	80-120			

Matrix Spike (P9H1908-MS1)

Source: 9H09007-11

Prepared: 08/19/19 Analyzed: 08/20/19

Benzene	0.220	0.00100	mg/L	0.100	0.177	43.4	80-120			
Toluene	0.111	0.00100	"	0.100	ND	111	80-120			
Ethylbenzene	0.106	0.00100	"	0.100	0.0101	96.4	80-120			
Xylene (p/m)	0.200	0.00200	"	0.200	0.00483	97.5	80-120			
Xylene (o)	0.107	0.00100	"	0.100	0.0136	93.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.134		"	0.120		112	80-120			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			

Matrix Spike Dup (P9H1908-MSD1)

Source: 9H09007-11

Prepared: 08/19/19 Analyzed: 08/20/19

Benzene	0.204	0.00100	mg/L	0.100	0.177	26.5	80-120	48.1	20	
Toluene	0.101	0.00100	"	0.100	ND	101	80-120	9.32	20	
Ethylbenzene	0.106	0.00100	"	0.100	0.0101	95.9	80-120	0.510	20	
Xylene (p/m)	0.184	0.00200	"	0.200	0.00483	89.5	80-120	8.56	20	
Xylene (o)	0.0990	0.00100	"	0.100	0.0136	85.5	80-120	8.92	20	
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.4	80-120			

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:

8/28/2019

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, 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: 9K26009



NELAP/TCEQ # T104704516-17-8

Report Date: 12/12/19

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

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW3	9K26009-01	Water	11/25/19 12:42	11-26-2019 08:30
MW5	9K26009-02	Water	11/25/19 13:08	11-26-2019 08:30
MW7	9K26009-03	Water	11/25/19 13:26	11-26-2019 08:30
MW9	9K26009-04	Water	11/25/19 13:51	11-26-2019 08:30
MW11	9K26009-05	Water	11/25/19 14:19	11-26-2019 08:30
MW 6	9K26009-06	Water	11/25/19 14:36	11-26-2019 08:30
MW8	9K26009-07	Water	11/25/19 14:51	11-26-2019 08:30
MW12	9K26009-08	Water	11/25/19 15:33	11-26-2019 08:30
MW2	9K26009-09	Water	11/25/19 15:50	11-26-2019 08:30
MW1	9K26009-10	Water	11/25/19 16:04	11-26-2019 08:30
MW10	9K26009-11	Water	11/25/19 16:20	11-26-2019 08:30
MW13	9K26009-12	Water	11/25/19 17:08	11-26-2019 08:30

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

https://www.tceq.texas.gov/assets/public/compliance/compliance_support/ga/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
9K26009-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		95.3 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		96.2 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B

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

9K26009-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		93.1 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		98.0 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B

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

9K26009-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		93.5 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		99.0 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B

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

9K26009-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		91.2 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		98.7 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B

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
9K26009-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		93.8 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B
<i>Surrogate: 1,4-Difluorobenzene</i>		95.9 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B

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

MW 6
9K26009-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		93.5 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		97.7 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B

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

9K26009-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		93.2 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		97.0 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B

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
9K26009-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00364	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>91.0 %</i>	<i>80-120</i>		<i>P9L0514</i>	<i>12/06/19</i>	<i>12/06/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>94.8 %</i>	<i>80-120</i>		<i>P9L0514</i>	<i>12/06/19</i>	<i>12/06/19</i>	<i>EPA 8021B</i>

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
9K26009-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.154	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B	
Toluene	0.00282	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	0.0486	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B	
Xylene (p/m)	0.0495	0.00200	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B	
Xylene (o)	0.00345	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.7 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		105 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.018	0.00039	mg/L	1	P9L0901	11/27/19	12/05/19	8270C	SUB-13
2-Methylnaphthalene	0.0067	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Acenaphthene	0.00048	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Acenaphthylene	0.00057	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Anthracene	0.00043	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (a) anthracene	0.00024	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (a) pyrene	ND	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Chrysene	0.00094	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Dibenzofuran	0.0069	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Fluoranthene	0.00026	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Fluorene	0.0037	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Naphthalene	0.0078	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Phenanthrene	0.0053	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Pyrene	0.00035	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

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

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

Fax: (432) 520-7701

MW1
9K26009-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.110	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B	
Toluene	0.00150	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	0.0114	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B	
Xylene (p/m)	0.00669	0.00200	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		76.5 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>		85.4 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.0097	0.00040	mg/L	1	P9L0901	11/27/19	12/05/19	8270C	SUB-13
2-Methylnaphthalene	0.0036	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Acenaphthene	0.00062	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Acenaphthylene	0.00074	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Anthracene	0.0013	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Chrysene	0.0024	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Dibenzofuran	0.0062	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Fluoranthene	0.00040	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Fluorene	0.0036	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Naphthalene	0.0037	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Phenanthrene	0.0060	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Pyrene	0.00069	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

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

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

Fax: (432) 520-7701

MW10
9K26009-11 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0952	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B	
Toluene	0.00147	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	0.0368	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B	
Xylene (p/m)	0.0373	0.00200	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B	
Xylene (o)	0.00739	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		81.2 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		85.6 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.083	0.00098	mg/L	1	P9L0901	11/27/19	12/05/19	8270C	SUB-13
2-Methylnaphthalene	0.063	0.00098	mg/L	1	P9L0901	11/27/19	12/05/19	8270C	SUB-13
Acenaphthene	0.00059	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Acenaphthylene	0.0012	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Anthracene	0.0011	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (a) anthracene	0.00013	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (a) pyrene	ND	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Chrysene	0.0013	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Dibenzofuran	0.016	0.00098	mg/L	1	P9L0901	11/27/19	12/05/19	8270C	SUB-13
Fluoranthene	0.00027	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Fluorene	0.0082	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Naphthalene	0.038	0.00098	mg/L	1	P9L0901	11/27/19	12/05/19	8270C	SUB-13
Phenanthrene	0.012	0.00098	mg/L	1	P9L0901	11/27/19	12/05/19	8270C	SUB-13
Pyrene	0.00044	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13

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
9K26009-12 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Toluene	0.00208	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	0.0735	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B	
Xylene (p/m)	0.0837	0.00200	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B	
Xylene (o)	0.0164	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		68.5 %		80-120	P9L0514	12/06/19	12/06/19	EPA 8021B	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>		91.2 %		80-120	P9L0514	12/06/19	12/06/19	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.014	0.00049	mg/L	1	P9L0901	11/27/19	12/05/19	8270C	SUB-13
2-Methylnaphthalene	0.0072	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Acenaphthene	0.00018	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Acenaphthylene	0.00026	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Anthracene	0.00021	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (a) anthracene	ND	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (a) pyrene	ND	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Chrysene	0.00022	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Dibenzofuran	0.0027	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Fluoranthene	ND	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Fluorene	0.0017	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Naphthalene	0.0079	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Phenanthrene	0.0021	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Pyrene	0.00010	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13

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
9K26009-12RE1 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	1.62	0.0100	mg/L	10	P9L1006	12/06/19	12/10/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		90.8 %	80-120		P9L1006	12/06/19	12/10/19	EPA 8021B
<i>Surrogate: 1,4-Difluorobenzene</i>		112 %	80-120		P9L1006	12/06/19	12/10/19	EPA 8021B

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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch P9L0514 - General Preparation (GC)

Blank (P9L0514-BLK1)

Prepared & Analyzed: 12/06/19

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.6	80-120			

LCS (P9L0514-BS1)

Prepared & Analyzed: 12/06/19

Benzene	0.0873	0.00100	mg/L	0.100		87.3	80-120			
Toluene	0.0942	0.00100	"	0.100		94.2	80-120			
Ethylbenzene	0.0930	0.00100	"	0.100		93.0	80-120			
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		102	80-120			

LCS Dup (P9L0514-BSD1)

Prepared & Analyzed: 12/06/19

Benzene	0.0855	0.00100	mg/L	0.100		85.5	80-120	2.14	20	
Toluene	0.0931	0.00100	"	0.100		93.1	80-120	1.15	20	
Ethylbenzene	0.0910	0.00100	"	0.100		91.0	80-120	2.24	20	
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120	1.83	20	
Xylene (o)	0.110	0.00100	"	0.100		110	80-120	0.364	20	
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.130		"	0.120		109	80-120			

Calibration Blank (P9L0514-CCB1)

Prepared & Analyzed: 12/06/19

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		92.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.6	80-120			

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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch P9L0514 - General Preparation (GC)

Calibration Blank (P9L0514-CCB2)

Prepared & Analyzed: 12/06/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.8	80-120			

Calibration Blank (P9L0514-CCB3)

Prepared & Analyzed: 12/06/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.7	80-120			

Calibration Check (P9L0514-CCV1)

Prepared & Analyzed: 12/06/19

Benzene	0.0827	0.00100	mg/L	0.100		82.7	80-120			
Toluene	0.0881	0.00100	"	0.100		88.1	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200		100	80-120			
Xylene (o)	0.100	0.00100	"	0.100		100	80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		92.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.5	80-120			

Calibration Check (P9L0514-CCV2)

Prepared & Analyzed: 12/06/19

Benzene	0.0855	0.00100	mg/L	0.100		85.5	80-120			
Toluene	0.0928	0.00100	"	0.100		92.8	80-120			
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120			
Xylene (p/m)	0.209	0.00200	"	0.200		105	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		93.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		103	80-120			

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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch P9L0514 - General Preparation (GC)

Calibration Check (P9L0514-CCV3)

Prepared & Analyzed: 12/06/19

Benzene	0.0881	0.00100	mg/L	0.100		88.1	80-120			
Toluene	0.0951	0.00100	"	0.100		95.1	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.219	0.00200	"	0.200		109	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		102	80-120			

Matrix Spike (P9L0514-MS1)

Source: 9K26009-01

Prepared & Analyzed: 12/06/19

Benzene	0.112	0.00100	mg/L	0.100	ND	112	80-120			
Toluene	0.123	0.00100	"	0.100	ND	123	80-120			QM-07
Ethylbenzene	0.125	0.00100	"	0.100	ND	125	80-120			QM-07
Xylene (p/m)	0.273	0.00200	"	0.200	ND	136	80-120			QM-07
Xylene (o)	0.144	0.00100	"	0.100	ND	144	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Matrix Spike Dup (P9L0514-MSD1)

Source: 9K26009-01

Prepared & Analyzed: 12/06/19

Benzene	0.128	0.00100	mg/L	0.100	ND	128	80-120	13.3	20	QM-07
Toluene	0.142	0.00100	"	0.100	ND	142	80-120	14.5	20	QM-07
Ethylbenzene	0.146	0.00100	"	0.100	ND	146	80-120	16.1	20	QM-07
Xylene (p/m)	0.320	0.00200	"	0.200	ND	160	80-120	16.1	20	QM-07
Xylene (o)	0.173	0.00100	"	0.100	ND	173	80-120	18.8	20	QM-07
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	80-120			

Batch P9L1006 - General Preparation (GC)

Blank (P9L1006-BLK1)

Prepared & Analyzed: 12/10/19

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	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.129		"	0.120		108	80-120			

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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch P9L1006 - General Preparation (GC)

LCS (P9L1006-BS1)

Prepared & Analyzed: 12/10/19

Benzene	0.0986	0.00100	mg/L	0.100		98.6	80-120			
Toluene	0.119	0.00100	"	0.100		119	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.235	0.00200	"	0.200		118	80-120			
Xylene (o)	0.120	0.00100	"	0.100		120	80-120			
Surrogate: 4-Bromofluorobenzene	0.128		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.136		"	0.120		114	80-120			

LCS Dup (P9L1006-BS1)

Prepared & Analyzed: 12/10/19

Benzene	0.0930	0.00100	mg/L	0.100		93.0	80-120	5.83	20	
Toluene	0.111	0.00100	"	0.100		111	80-120	6.45	20	
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120	1.40	20	
Xylene (p/m)	0.236	0.00200	"	0.200		118	80-120	0.0425	20	
Xylene (o)	0.111	0.00100	"	0.100		111	80-120	7.98	20	
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.136		"	0.120		113	80-120			

Calibration Blank (P9L1006-CCB1)

Prepared & Analyzed: 12/10/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			

Calibration Blank (P9L1006-CCB2)

Prepared & Analyzed: 12/10/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.128		"	0.120		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.132		"	0.120		110	80-120			

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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch P9L1006 - General Preparation (GC)

Calibration Blank (P9L1006-CCB3)

Prepared: 12/10/19 Analyzed: 12/11/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.132		"	0.120		110	80-120			

Calibration Check (P9L1006-CCV1)

Prepared & Analyzed: 12/10/19

Benzene	0.0964	0.00100	mg/L	0.100		96.4	80-120			
Toluene	0.114	0.00100	"	0.100		114	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.239	0.00200	"	0.200		119	80-120			
Xylene (o)	0.115	0.00100	"	0.100		115	80-120			
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.134		"	0.120		112	80-120			

Calibration Check (P9L1006-CCV2)

Prepared & Analyzed: 12/10/19

Benzene	0.0990	0.00100	mg/L	0.100		99.0	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.238	0.00200	"	0.200		119	80-120			
Xylene (o)	0.117	0.00100	"	0.100		117	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.142		"	0.120		118	80-120			

Calibration Check (P9L1006-CCV3)

Prepared: 12/10/19 Analyzed: 12/11/19

Benzene	0.0977	0.00100	mg/L	0.100		97.7	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.232	0.00200	"	0.200		116	80-120			
Xylene (o)	0.116	0.00100	"	0.100		116	80-120			
Surrogate: 4-Bromofluorobenzene	0.127		"	0.120		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.133		"	0.120		111	80-120			

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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch P9L1006 - General Preparation (GC)

Matrix Spike (P9L1006-MS1)		Source: 9L05013-15			Prepared & Analyzed: 12/10/19					
Benzene	0.137	0.00100	mg/L	0.100	0.00521	131	80-120			QM-07
Toluene	0.151	0.00100	"	0.100	ND	151	80-120			QM-07
Ethylbenzene	0.158	0.00100	"	0.100	0.0234	134	80-120			QM-07
Xylene (p/m)	0.329	0.00200	"	0.200	ND	164	80-120			QM-07
Xylene (o)	0.158	0.00100	"	0.100	ND	158	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.136		"	0.120		113	80-120			

Matrix Spike Dup (P9L1006-MSD1)		Source: 9L05013-15			Prepared & Analyzed: 12/10/19					
Benzene	0.114	0.00100	mg/L	0.100	0.00521	109	80-120	18.6	20	
Toluene	0.133	0.00100	"	0.100	ND	133	80-120	13.0	20	QM-07
Ethylbenzene	0.145	0.00100	"	0.100	0.0234	121	80-120	10.1	20	QM-07
Xylene (p/m)	0.291	0.00200	"	0.200	ND	145	80-120	12.3	20	QM-07
Xylene (o)	0.130	0.00100	"	0.100	ND	130	80-120	19.7	20	QM-07
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.138		"	0.120		115	80-120			

Notes and Definitions

SUB-13	Subcontract of analyte/analysis to ALS Houston.
S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
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:

12/12/2019

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.



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

December 05, 2019

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

Work Order: **HS19111398**

Laboratory Results for: **9K26009**

Dear Brent,

ALS Environmental received 4 sample(s) on Nov 27, 2019 for the analysis presented in the following report.

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

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

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

Sincerely,

Generated By: JUMOKE.LAWAL

Andy C. Neir

Client: Permian Basin Environmental Lab, LP
Project: 9K26009
Work Order: HS19111398

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS19111398-01	9K26009-09	Water		25-Nov-2019 15:50	27-Nov-2019 10:00	☐
HS19111398-02	9K26009-10	Water		25-Nov-2019 16:04	27-Nov-2019 10:00	☐
HS19111398-03	9K26009-11	Water		25-Nov-2019 16:20	27-Nov-2019 10:00	☐
HS19111398-04	9K26009-12	Water		25-Nov-2019 17:08	27-Nov-2019 10:00	☐

Client: Permian Basin Environmental Lab, LP
Project: 9K26009
Work Order: HS19111398

CASE NARRATIVE

GCMS Semivolatiles by Method SW8270

Batch ID: 148111

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

Client: Permian Basin Environmental Lab, LP
 Project: 9K26009
 Sample ID: 9K26009-09
 Collection Date: 25-Nov-2019 15:50

ANALYTICAL REPORT

WorkOrder:HS19111398
 Lab ID:HS19111398-01
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270			Prep:SW3511 / 27-Nov-2019	Analyst: LG
1-Methylnaphthalene	18.1	n	0.392	ug/L	4	05-Dec-2019 12:20
2-Methylnaphthalene	6.67		0.0980	ug/L	1	04-Dec-2019 18:11
Acenaphthene	0.478		0.0980	ug/L	1	04-Dec-2019 18:11
Acenaphthylene	0.567		0.0980	ug/L	1	04-Dec-2019 18:11
Anthracene	0.432		0.0980	ug/L	1	04-Dec-2019 18:11
Benz(a)anthracene	0.240		0.0980	ug/L	1	04-Dec-2019 18:11
Benzo(a)pyrene	ND		0.0980	ug/L	1	04-Dec-2019 18:11
Benzo(b)fluoranthene	ND		0.0980	ug/L	1	04-Dec-2019 18:11
Benzo(g,h,i)perylene	ND		0.0980	ug/L	1	04-Dec-2019 18:11
Benzo(k)fluoranthene	ND		0.0980	ug/L	1	04-Dec-2019 18:11
Chrysene	0.935		0.0980	ug/L	1	04-Dec-2019 18:11
Dibenz(a,h)anthracene	ND		0.0980	ug/L	1	04-Dec-2019 18:11
Dibenzofuran	6.92		0.0980	ug/L	1	04-Dec-2019 18:11
Fluoranthene	0.259		0.0980	ug/L	1	04-Dec-2019 18:11
Fluorene	3.72		0.0980	ug/L	1	04-Dec-2019 18:11
Indeno(1,2,3-cd)pyrene	ND		0.0980	ug/L	1	04-Dec-2019 18:11
Naphthalene	7.78		0.0980	ug/L	1	04-Dec-2019 18:11
Phenanthrene	5.25		0.0980	ug/L	1	04-Dec-2019 18:11
Pyrene	0.345		0.0980	ug/L	1	04-Dec-2019 18:11
Surr: 2-Fluorobiphenyl	56.1		32-130	%REC	4	05-Dec-2019 12:20
Surr: 2-Fluorobiphenyl	53.1		32-130	%REC	1	04-Dec-2019 18:11
Surr: 4-Terphenyl-d14	56.4		40-135	%REC	1	04-Dec-2019 18:11
Surr: 4-Terphenyl-d14	55.1		40-135	%REC	4	05-Dec-2019 12:20
Surr: Nitrobenzene-d5	104		45-142	%REC	4	05-Dec-2019 12:20
Surr: Nitrobenzene-d5	78.0		45-142	%REC	1	04-Dec-2019 18:11

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

Client: Permian Basin Environmental Lab, LP
 Project: 9K26009
 Sample ID: 9K26009-10
 Collection Date: 25-Nov-2019 16:04

ANALYTICAL REPORT

WorkOrder:HS19111398
 Lab ID:HS19111398-02
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270			Prep:SW3511 / 27-Nov-2019	Analyst: LG
1-Methylnaphthalene	9.69	n	0.398	ug/L	4	05-Dec-2019 12:40
2-Methylnaphthalene	3.59		0.0996	ug/L	1	04-Dec-2019 18:31
Acenaphthene	0.618		0.0996	ug/L	1	04-Dec-2019 18:31
Acenaphthylene	0.743		0.0996	ug/L	1	04-Dec-2019 18:31
Anthracene	1.25		0.0996	ug/L	1	04-Dec-2019 18:31
Benz(a)anthracene	ND		0.0996	ug/L	1	04-Dec-2019 18:31
Benzo(a)pyrene	ND		0.0996	ug/L	1	04-Dec-2019 18:31
Benzo(b)fluoranthene	ND		0.0996	ug/L	1	04-Dec-2019 18:31
Benzo(g,h,i)perylene	ND		0.0996	ug/L	1	04-Dec-2019 18:31
Benzo(k)fluoranthene	ND		0.0996	ug/L	1	04-Dec-2019 18:31
Chrysene	2.39		0.0996	ug/L	1	04-Dec-2019 18:31
Dibenz(a,h)anthracene	ND		0.0996	ug/L	1	04-Dec-2019 18:31
Dibenzofuran	6.21		0.0996	ug/L	1	04-Dec-2019 18:31
Fluoranthene	0.396		0.0996	ug/L	1	04-Dec-2019 18:31
Fluorene	3.60		0.0996	ug/L	1	04-Dec-2019 18:31
Indeno(1,2,3-cd)pyrene	ND		0.0996	ug/L	1	04-Dec-2019 18:31
Naphthalene	3.68		0.0996	ug/L	1	04-Dec-2019 18:31
Phenanthrene	5.95		0.0996	ug/L	1	04-Dec-2019 18:31
Pyrene	0.687		0.0996	ug/L	1	04-Dec-2019 18:31
<i>Surr: 2-Fluorobiphenyl</i>	76.2		32-130	%REC	4	05-Dec-2019 12:40
<i>Surr: 2-Fluorobiphenyl</i>	68.2		32-130	%REC	1	04-Dec-2019 18:31
<i>Surr: 4-Terphenyl-d14</i>	70.9		40-135	%REC	1	04-Dec-2019 18:31
<i>Surr: 4-Terphenyl-d14</i>	80.8		40-135	%REC	4	05-Dec-2019 12:40
<i>Surr: Nitrobenzene-d5</i>	86.7		45-142	%REC	1	04-Dec-2019 18:31
<i>Surr: Nitrobenzene-d5</i>	93.2		45-142	%REC	4	05-Dec-2019 12:40

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

Client: Permian Basin Environmental Lab, LP
 Project: 9K26009
 Sample ID: 9K26009-11
 Collection Date: 25-Nov-2019 16:20

ANALYTICAL REPORT

WorkOrder:HS19111398
 Lab ID:HS19111398-03
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 27-Nov-2019		Analyst: LG
1-Methylnaphthalene	82.9	n	0.977	ug/L	10	05-Dec-2019 10:06
2-Methylnaphthalene	62.9		0.977	ug/L	10	05-Dec-2019 10:06
Acenaphthene	0.590		0.0977	ug/L	1	04-Dec-2019 18:51
Acenaphthylene	1.18		0.0977	ug/L	1	04-Dec-2019 18:51
Anthracene	1.07		0.0977	ug/L	1	04-Dec-2019 18:51
Benz(a)anthracene	0.129		0.0977	ug/L	1	04-Dec-2019 18:51
Benzo(a)pyrene	ND		0.0977	ug/L	1	04-Dec-2019 18:51
Benzo(b)fluoranthene	ND		0.0977	ug/L	1	04-Dec-2019 18:51
Benzo(g,h,i)perylene	ND		0.0977	ug/L	1	04-Dec-2019 18:51
Benzo(k)fluoranthene	ND		0.0977	ug/L	1	04-Dec-2019 18:51
Chrysene	1.32		0.0977	ug/L	1	04-Dec-2019 18:51
Dibenz(a,h)anthracene	ND		0.0977	ug/L	1	04-Dec-2019 18:51
Dibenzofuran	15.7		0.977	ug/L	10	05-Dec-2019 10:06
Fluoranthene	0.266		0.0977	ug/L	1	04-Dec-2019 18:51
Fluorene	8.20		0.0977	ug/L	1	04-Dec-2019 18:51
Indeno(1,2,3-cd)pyrene	ND		0.0977	ug/L	1	04-Dec-2019 18:51
Naphthalene	37.8		0.977	ug/L	10	05-Dec-2019 10:06
Phenanthrene	11.5		0.977	ug/L	10	05-Dec-2019 10:06
Pyrene	0.438		0.0977	ug/L	1	04-Dec-2019 18:51
<i>Surr: 2-Fluorobiphenyl</i>	<i>91.7</i>		<i>32-130</i>	<i>%REC</i>	<i>10</i>	<i>05-Dec-2019 10:06</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>99.3</i>		<i>32-130</i>	<i>%REC</i>	<i>1</i>	<i>04-Dec-2019 18:51</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>91.7</i>		<i>40-135</i>	<i>%REC</i>	<i>1</i>	<i>04-Dec-2019 18:51</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>88.0</i>		<i>40-135</i>	<i>%REC</i>	<i>10</i>	<i>05-Dec-2019 10:06</i>
<i>Surr: Nitrobenzene-d5</i>	<i>89.6</i>		<i>45-142</i>	<i>%REC</i>	<i>1</i>	<i>04-Dec-2019 18:51</i>
<i>Surr: Nitrobenzene-d5</i>	<i>91.7</i>		<i>45-142</i>	<i>%REC</i>	<i>10</i>	<i>05-Dec-2019 10:06</i>

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

Client: Permian Basin Environmental Lab, LP
 Project: 9K26009
 Sample ID: 9K26009-12
 Collection Date: 25-Nov-2019 17:08

ANALYTICAL REPORT

WorkOrder:HS19111398
 Lab ID:HS19111398-04
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 27-Nov-2019		Analyst: LG
1-Methylnaphthalene	14.1	n	0.488	ug/L	5	05-Dec-2019 10:26
2-Methylnaphthalene	7.24		0.0977	ug/L	1	04-Dec-2019 19:10
Acenaphthene	0.179		0.0977	ug/L	1	04-Dec-2019 19:10
Acenaphthylene	0.256		0.0977	ug/L	1	04-Dec-2019 19:10
Anthracene	0.207		0.0977	ug/L	1	04-Dec-2019 19:10
Benz(a)anthracene	ND		0.0977	ug/L	1	04-Dec-2019 19:10
Benzo(a)pyrene	ND		0.0977	ug/L	1	04-Dec-2019 19:10
Benzo(b)fluoranthene	ND		0.0977	ug/L	1	04-Dec-2019 19:10
Benzo(g,h,i)perylene	ND		0.0977	ug/L	1	04-Dec-2019 19:10
Benzo(k)fluoranthene	ND		0.0977	ug/L	1	04-Dec-2019 19:10
Chrysene	0.215		0.0977	ug/L	1	04-Dec-2019 19:10
Dibenz(a,h)anthracene	ND		0.0977	ug/L	1	04-Dec-2019 19:10
Dibenzofuran	2.72		0.0977	ug/L	1	04-Dec-2019 19:10
Fluoranthene	ND		0.0977	ug/L	1	04-Dec-2019 19:10
Fluorene	1.71		0.0977	ug/L	1	04-Dec-2019 19:10
Indeno(1,2,3-cd)pyrene	ND		0.0977	ug/L	1	04-Dec-2019 19:10
Naphthalene	7.91		0.0977	ug/L	1	04-Dec-2019 19:10
Phenanthrene	2.14		0.0977	ug/L	1	04-Dec-2019 19:10
Pyrene	0.101		0.0977	ug/L	1	04-Dec-2019 19:10
<i>Surr: 2-Fluorobiphenyl</i>	62.2		32-130	%REC	1	04-Dec-2019 19:10
<i>Surr: 2-Fluorobiphenyl</i>	67.2		32-130	%REC	5	05-Dec-2019 10:26
<i>Surr: 4-Terphenyl-d14</i>	57.3		40-135	%REC	5	05-Dec-2019 10:26
<i>Surr: 4-Terphenyl-d14</i>	62.0		40-135	%REC	1	04-Dec-2019 19:10
<i>Surr: Nitrobenzene-d5</i>	110		45-142	%REC	1	04-Dec-2019 19:10
<i>Surr: Nitrobenzene-d5</i>	102		45-142	%REC	5	05-Dec-2019 10:26

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

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 9K26009
WorkOrder: HS19111398

Batch ID: 148111	Start Date: 27 Nov 2019 14:56	End Date:
Method: SW3511		Prep Code: 3511_PAH

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS19111398-01		33.66 (mL)	2 (mL)	0.05942
HS19111398-02		33.14 (mL)	2 (mL)	0.06035
HS19111398-03		33.79 (mL)	2 (mL)	0.05919
HS19111398-04		33.79 (mL)	2 (mL)	0.05919

Client: Permian Basin Environmental Lab, LP
Project: 9K26009
WorkOrder: HS19111398

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 148111 (0)		Test Name : LOW-LEVEL PAHS - 8270D			Matrix: Water	
HS19111398-01	9K26009-09	25 Nov 2019 15:50		27 Nov 2019 14:56	05 Dec 2019 12:20	4
HS19111398-01	9K26009-09	25 Nov 2019 15:50		27 Nov 2019 14:56	04 Dec 2019 18:11	1
HS19111398-02	9K26009-10	25 Nov 2019 16:04		27 Nov 2019 14:56	05 Dec 2019 12:40	4
HS19111398-02	9K26009-10	25 Nov 2019 16:04		27 Nov 2019 14:56	04 Dec 2019 18:31	1
HS19111398-03	9K26009-11	25 Nov 2019 16:20		27 Nov 2019 14:56	05 Dec 2019 10:06	10
HS19111398-03	9K26009-11	25 Nov 2019 16:20		27 Nov 2019 14:56	04 Dec 2019 18:51	1
HS19111398-04	9K26009-12	25 Nov 2019 17:08		27 Nov 2019 14:56	05 Dec 2019 10:26	5
HS19111398-04	9K26009-12	25 Nov 2019 17:08		27 Nov 2019 14:56	04 Dec 2019 19:10	1

Client: Permian Basin Environmental Lab, LP
Project: 9K26009
WorkOrder: HS19111398

QC BATCH REPORT

Batch ID: 148111 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D					
MBLK		Sample ID: MBLK-148111		Units: ug/L		Analysis Date: 04-Dec-2019 10:07			
Client ID:		Run ID: SV-6_351789		SeqNo: 5373749		PrepDate: 27-Nov-2019		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	3.026	0.100	3.03	0	99.9	32 - 130			
Surr: 4-Terphenyl-d14	3.057	0.100	3.03	0	101	40 - 135			
Surr: Nitrobenzene-d5	3.909	0.100	3.03	0	129	45 - 142			

Client: Permian Basin Environmental Lab, LP
Project: 9K26009
WorkOrder: HS19111398

QC BATCH REPORT

Batch ID: 148111 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D					
LCS		Sample ID: LCS-148111		Units: ug/L		Analysis Date: 04-Dec-2019 10:26			
Client ID:		Run ID: SV-6_351789		SeqNo: 5373750		PrepDate: 27-Nov-2019		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	3.638	0.100	3.03	0	120	40 - 140			
2-Methylnaphthalene	3.532	0.100	3.03	0	117	40 - 140			
Acenaphthene	3.279	0.100	3.03	0	108	40 - 140			
Acenaphthylene	3.555	0.100	3.03	0	117	40 - 140			
Anthracene	3.059	0.100	3.03	0	101	40 - 140			
Benz(a)anthracene	3.067	0.100	3.03	0	101	40 - 140			
Benzo(a)pyrene	2.982	0.100	3.03	0	98.4	40 - 140			
Benzo(b)fluoranthene	2.728	0.100	3.03	0	90.0	40 - 140			
Benzo(g,h,i)perylene	2.88	0.100	3.03	0	95.1	40 - 140			
Benzo(k)fluoranthene	3.161	0.100	3.03	0	104	40 - 140			
Chrysene	3.039	0.100	3.03	0	100	40 - 140			
Dibenz(a,h)anthracene	2.782	0.100	3.03	0	91.8	40 - 140			
Dibenzofuran	3.244	0.100	3.03	0	107	40 - 140			
Fluoranthene	2.543	0.100	3.03	0	83.9	40 - 140			
Fluorene	3.311	0.100	3.03	0	109	40 - 140			
Indeno(1,2,3-cd)pyrene	2.522	0.100	3.03	0	83.2	40 - 140			
Naphthalene	3.159	0.100	3.03	0	104	40 - 140			
Phenanthrene	3.145	0.100	3.03	0	104	40 - 140			
Pyrene	3.557	0.100	3.03	0	117	40 - 140			
Surr: 2-Fluorobiphenyl	2.912	0.100	3.03	0	96.1	32 - 130			
Surr: 4-Terphenyl-d14	2.837	0.100	3.03	0	93.6	40 - 135			
Surr: Nitrobenzene-d5	3.271	0.100	3.03	0	108	45 - 142			

Client: Permian Basin Environmental Lab, LP
Project: 9K26009
WorkOrder: HS19111398

QC BATCH REPORT

Batch ID: 148111 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCSD		Sample ID: LCSD-148111		Units: ug/L		Analysis Date: 04-Dec-2019 10:46				
Client ID:		Run ID: SV-6_351789		SeqNo: 5373751		PrepDate: 27-Nov-2019		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.52	0.100	3.03	0	116	40 - 140	3.638	3.28	25	
2-Methylnaphthalene	3.428	0.100	3.03	0	113	40 - 140	3.532	2.98	25	
Acenaphthene	3.27	0.100	3.03	0	108	40 - 140	3.279	0.28	25	
Acenaphthylene	3.601	0.100	3.03	0	119	40 - 140	3.555	1.27	25	
Anthracene	3.191	0.100	3.03	0	105	40 - 140	3.059	4.22	25	
Benz(a)anthracene	3.259	0.100	3.03	0	108	40 - 140	3.067	6.08	25	
Benzo(a)pyrene	2.955	0.100	3.03	0	97.5	40 - 140	2.982	0.915	25	
Benzo(b)fluoranthene	2.864	0.100	3.03	0	94.5	40 - 140	2.728	4.84	25	
Benzo(g,h,i)perylene	3.043	0.100	3.03	0	100	40 - 140	2.88	5.5	25	
Benzo(k)fluoranthene	3.36	0.100	3.03	0	111	40 - 140	3.161	6.1	25	
Chrysene	3.227	0.100	3.03	0	107	40 - 140	3.039	6.02	25	
Dibenz(a,h)anthracene	2.82	0.100	3.03	0	93.1	40 - 140	2.782	1.38	25	
Dibenzofuran	3.258	0.100	3.03	0	108	40 - 140	3.244	0.425	25	
Fluoranthene	2.577	0.100	3.03	0	85.0	40 - 140	2.543	1.31	25	
Fluorene	3.31	0.100	3.03	0	109	40 - 140	3.311	0.0293	25	
Indeno(1,2,3-cd)pyrene	2.425	0.100	3.03	0	80.0	40 - 140	2.522	3.91	25	
Naphthalene	3.203	0.100	3.03	0	106	40 - 140	3.159	1.39	25	
Phenanthrene	3.174	0.100	3.03	0	105	40 - 140	3.145	0.892	25	
Pyrene	3.622	0.100	3.03	0	120	40 - 140	3.557	1.81	25	
Surr: 2-Fluorobiphenyl	2.862	0.100	3.03	0	94.5	32 - 130	2.912	1.72	25	
Surr: 4-Terphenyl-d14	2.897	0.100	3.03	0	95.6	40 - 135	2.837	2.09	25	
Surr: Nitrobenzene-d5	3.474	0.100	3.03	0	115	45 - 142	3.271	6	25	

The following samples were analyzed in this batch: HS19111398-01 HS19111398-02 HS19111398-03 HS19111398-04

Client: Permian Basin Environmental Lab, LP
Project: 9K26009
WorkOrder: HS19111398

**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

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	19-028-0	27-Mar-2020
California	2919, 2019-2020	30-Apr-2020
Dept of Defense	ANAB L2231	20-Dec-2021
Florida	E87611-28	30-Jun-2020
Illinois	2000322019-2	09-May-2020
Kansas	E-10352 2019-2020	31-Jul-2020
Kentucky	123043, 2019-2020	30-Apr-2020
Louisiana	03087, 2019-2020	30-Jun-2020
Maryland	343, 2019-2020	30-Jun-2020
North Carolina	624-2019	31-Dec-2019
North Dakota	R-193 2019-2020	30-Apr-2020
Oklahoma	2019-067	31-Aug-2020
Texas	TX104704231-19-23	30-Apr-2020

Client: Permian Basin Environmental Lab, LP
Project: 9K26009
Work Order: HS19111398

SAMPLE TRACKING

Lab Samp ID	Client Sample ID	Action	Date	Person	New Location
HS19111398-01	9K26009-09	Login	11/27/2019 11:57:52 AM	AC	LVI002
HS19111398-02	9K26009-10	Login	11/27/2019 11:57:52 AM	AC	LVI002
HS19111398-03	9K26009-11	Login	11/27/2019 11:57:52 AM	AC	LVI002
HS19111398-04	9K26009-12	Login	11/27/2019 11:57:52 AM	AC	LVI002

Sample Receipt Checklist

Client Name: Permian Basin Lab
Work Order: HS19111398

Date/Time Received: **27-Nov-2019 10:00**
Received by: **AC**

Checklist completed by: Asad Chaudhry 27-Nov-2019
eSignature Date

Reviewed by: Andy C. Neir 27-Nov-2019
eSignature Date

Matrices: **Water**

Carrier name: **FedEx Priority Overnight**

Shipping container/cooler in good condition?
Custody seals intact on shipping container/cooler?
Custody seals intact on sample bottles?
VOA/TX1005/TX1006 Solids in hermetically sealed vials?
Chain of custody present?
Chain of custody signed when relinquished and received?
Samplers name present on COC?
Chain of custody agrees with sample labels?
Samples in proper container/bottle?
Sample containers intact?
Sufficient sample volume for indicated test?
All samples received within holding time?
Container/Temp Blank temperature in compliance?
Temperature(s)/Thermometer(s):
Cooler(s)/Kit(s):
Date/Time sample(s) sent to storage:
Water - VOA vials have zero headspace?
Water - pH acceptable upon receipt?
pH adjusted?
pH adjusted by:

Yes ☒	No ☐	Not Present ☐
Yes ☐	No ☐	Not Present ☒
Yes ☐	No ☐	Not Present ☒
Yes ☐	No ☐	Not Present ☒
Yes ☒	No ☐	1 Page(s)
Yes ☒	No ☐	COC IDs:N/A
Yes ☐	No ☒	
Yes ☒	No ☐	
Yes ☒	No ☐	
Yes ☒	No ☐	
Yes ☒	No ☐	
Yes ☒	No ☐	

1.5c U/C	IR 25	
Red		
11/27/2019 12:00		
Yes ☒	No ☐	No VOA vials submitted ☐
Yes ☐	No ☐	N/A ☒
Yes ☐	No ☐	N/A ☒

Login Notes:

Client Contacted:

Date Contacted:

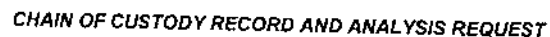
Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:



**Permian Basin Environment
1400 Rankin HWY
Midland, Texas 79701**

Permian Basin Environmental Lab, LP
9K26009

Project Manager: Brent Barron

Company Name PBEL

Company Address: 1400 Rankin HWY

City/State/Zip: Midland Texas 79701

Telephone No: 432-661-4184

Fax No:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature: N/A

e-mail: brentbarron@pbelab.com

[illegible]

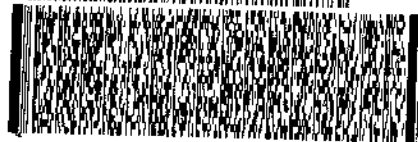
ORIGIN ID:MPFA (201) 863-0561
ALS
10450 STANCLIFF RD
STE 216
HOUSTON, TX 77099
UNITED STATES US

SHIP DATE: 28NOV19
ACTWT: 28.50 LB
CAO: 6994482/55FE2021
DIMS: 16x8x14 IN
BILL THIRD PARTY

TO
ALS
10450 STANCLIFF RD
STE 216
HOUSTON TX 77099

(201) 863-0661
REF:

DATE:



FedEx
Express

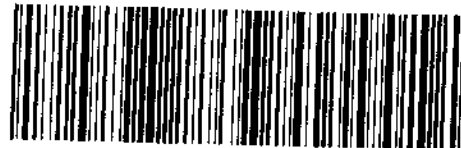


TRK# 8147 5084 8112
0200

WED - 27 NOV 3:00P
STANDARD OVERNIGHT

AB SGRA

77099
TX-US IAH



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

District I - (505) 393-6161
 P.O. Box 1940
 Hobbs, NM 88241-1980
 District II - (505) 748-1283
 111 South First
 Artesia, NM 88210
 District III - (505) 834-6178
 1000 Rio Brazos Road
 Aztec, NM 87410
 District IV - (505) 827-7131

State of New Mexico
 Energy, Minerals and Natural Resources Department
 Oil Conservation Division
 2040 South Pacheco Street
 Santa Fe, New Mexico 87505
 (505) 827-7131

Form C-141
 Originated 2/13/97

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