



**2019
ANNUAL MONITORING REPORT**

**JUNCTION 34 TO LEA STATION
LEA COUNTY, NEW MEXICO
NW ¼ SW ¼, SECTION 21, TOWNSHIP 20 SOUTH, RANGE 37 EAST
PLAINS SRS NUMBER: 2002-10286
NMOCD Reference # 1R-0386**

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**

February 2019

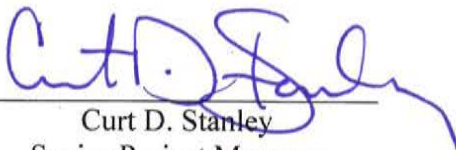

Curt D. Stanley
Senior Project Manager

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ENCLOSED ON DATA DISK

2019 Annual Monitoring Report

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INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), TRC Environmental Corporation (TRC) is pleased to submit this 2019 Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on or about January 16, 2007, project management responsibilities were assumed by TRC, previously NOVA Safety and Environmental (NOVA). The Site was previously managed by Environmental Plus, Inc. (EPI) of Eunice, New Mexico. This report is intended to be viewed as a complete document with figures, appendices, tables and text. The report presents the results of the four (4) quarterly groundwater monitoring events conducted in calendar year 2019. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2019 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). Each groundwater monitoring event consisted of measuring static water levels in monitor wells, checking for the presence of PSH on the water column and purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH greater than 0.01 foot were not sampled.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The Junction 34 to Lea (2002-10286) Release Site is located approximately ten (10) miles northwest of Eunice in Lea County, New Mexico. The Site is located in the NW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 21, Township 20 South, Range 37 East. The Release Notification and Corrective Action (Form C-141) submitted by Enron Oil Trading and Transportation (EOTT) reported approximately three hundred (300) barrels of crude oil released with one hundred ninety (190) barrels recovered (see Appendix A). The Release is reported to have been due to internal corrosion of the pipeline. The Release covered approximately 10,769 square feet of the pipeline right-of-way, caliche road, and land owned by the Deck Estate. Upon discovery of the Release on November 6, 2002, a contractor and EOTT personnel mobilized to the Site, exposed the pipeline and installed a pipe repair clamp. Hydrocarbon impacted soil excavated during the emergency response activities was transported to an NMOCD approved land farm. In February 2003, hydrocarbon impacted soil, previously identified by the advancement of nine (9) soil borings, was excavated to a depth of approximately twenty-five (25) feet below ground surface (bgs). The excavated soil was stockpiled on site for future remediation.

A *Soil Closure Strategy and Site Restoration Work Plan* (Work Plan) was submitted to the NMOCD in February 2008. The Work Plan proposed soil remediation activities intended to progress the Site toward an NMOCD approved closure.

In February 2008, Plains received approval from the NMOCD to commence the activities outlined in the Work Plan. Following the completion of the soil remediation activities, a *Soil Closure Request* dated July 2009 was submitted to the NMOCD for approval. On October 22, 2009, Plains received an email from the NMOCD approving the *Soil Closure Request* at the Junction 34 to Lea Station Release Site.

In the 4th quarter of 2012, during backfilling activities at the nearby TNM 97-17 (AP-017) Release Site, monitor well MW-11 was damaged and could not be gauged or sampled.

On February 4, 2014, with NMOCD approval, monitor well MW-11 was plugged and abandoned by a licensed State of New Mexico Driller. Plugging and abandonment records were emailed to the NMOCD – Santa Fe Office on March 20, 2014.

On February 4, 2014, monitor wells MW-11A and MW-12 were installed at the Release Site. Monitor well MW-11A was located approximately twenty (20) feet southeast of monitor well MW-11 (Plugged and abandoned on February 4, 2014) and monitor well MW-12 was located approximately one hundred (100) feet west of monitor well MW-11A.

On December 4, 2015, Plains submitted a “Replacement Monitor Well Proposal” (Proposal) to the NMOCD. The Proposal requested NMOCD approval to plug, abandon, and replace monitor wells MW-4 through MW-7 with monitor wells MW-4A through MW-7A. On December 4, 2015, Plains received NMOCD approval to commence the proposed activities as written.

On August 15-16, 2016, monitor wells MW-4A through MW-7A were installed to approximately thirty (30) feet below ground surface (bgs), with NMOCD and New Mexico Office of the State Engineer (NMOSE) approval, by a New Mexico licensed driller. On August 17-18, 2016, monitor wells MW-4 through MW-7 were plugged and abandoned as approved by the NMOCD and the NMOSE.

Currently, there are twelve (12) groundwater monitor wells (MW-1 through MW-3, MW-4A, MW-5A, MW-6A, MW-7A, MW-8, through MW-10, MW-11A, and MW-12) on site.

FIELD ACTIVITIES

Product Recovery Efforts

During the reporting period, no measurable thickness of PSH was detected in the Site monitor wells. Table 1 depicts the groundwater gauging data for the reporting period. Historical groundwater elevation data beginning at project inception is provided on the enclosed data disk.

Groundwater Monitoring

Quarterly monitoring events for the reporting period were performed according to the following sampling schedule, which was amended by the NMOCD.

NMOCD Approved Sampling Schedule							
MW-1	Quarterly	MW-5	P&A	MW-7A	Quarterly	MW-11A	Quarterly
MW-2	Quarterly	MW-5A	Quarterly	MW-8	Annually	MW-12	Quarterly
MW-3	Quarterly	MW-6	P&A	MW-9	Annually		
MW-4	P&A	MW-6A	Quarterly	MW-10	Quarterly		
MW-4A	Quarterly	MW-7	P&A	MW-11	P&A		

The Site monitor wells were gauged and sampled on February 6, May 8, August 8, and November 26, 2019. During each sampling event, monitor wells were purged of a minimum of three (3) well volumes of water or until the wells failed to produce water. Purging was performed using a disposable polyethylene bailer for each well or electrical Grundfos pump and dedicated tubing. Groundwater was allowed to recharge and samples were collected using disposable Teflon samplers. Water samples were placed in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during quarterly sampling events performed in 2019, are depicted on the Inferred Groundwater Gradient Maps, Figures 2A-2D. Groundwater elevation data for 2019 is provided as Table 1. Historical groundwater elevation data beginning at project inception is provided on the enclosed data disk.

The most recent Inferred Groundwater Gradient Map, Figure 2D, indicated a general gradient of approximately 0.0040 feet/foot to the southeast as measured between monitor wells MW-2 and MW-11A. Inferred Groundwater Gradient Maps prepared during the 1st, 2nd, and 3rd quarters indicated the inferred groundwater gradient ranged from 0.0035 feet/foot during the 1st quarter to 0.0036 feet/foot during the 2nd and 3rd quarters.

LABORATORY RESULTS

Groundwater samples obtained during all four (4) quarterly sampling events of 2019 were delivered to Permian Basin Laboratories, Inc. in Midland, Texas for determination of BTEX constituent concentrations by EPA Method 8021B. Polynuclear Aromatic Hydrocarbons (PAH) analysis by EPA Method 8270 was conducted on monitor wells MW-1, MW-3, MW-6A, and MW-7A during the 4th quarter of the 2019 reporting period. Based on historical PAH analytical data, only those wells exhibiting elevated constituent concentrations above New Mexico Water Quality Control Commission (NMWQCC) 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 0.202 mg/L during the 1st quarter to 0.304 mg/L during the 2nd quarter of 2019. Benzene concentrations were above the NMOCD regulatory guideline of 0.01 mg/L during the four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory reporting limit (RL) during the 2nd and 3rd quarters to 0.00258 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines of 0.75 mg/L during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.114 mg/L during the 4th quarter to 0.159 mg/L during the 3rd quarter of 2019. Ethylbenzene concentrations were below the NMOCD regulatory guidelines of 0.75 mg/L during the four (4) quarters of the reporting period. Xylene

concentrations ranged from 0.0452 mg/L during the 2nd quarter to 0.07138 mg/L during the 1st quarter of 2019. Xylene concentrations were below the NMOCD regulatory guidelines of 0.62 mg/L during the 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 (0.00060 mg/L), fluorene (0.0056 mg/L), phenanthrene (0.0057 mg/L), and naphthalene (0.115 mg/L).

Monitor well MW-2 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0259 during the 3rd quarter to 0.0557 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 were less than the applicable laboratory RL and NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00828 mg/L during the 1st quarter to 0.0206 mg/L during the 2nd quarter. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from 0.00417 mg/L during the 3rd quarter to 0.00867 mg/L during the 2nd quarter of 2019. Xylene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-3 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.130 mg/L during the 4th quarter to 0.573 mg/L during the 3rd quarter. Benzene concentrations were above the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 1st, 2nd, and 3rd quarters to 0.00154 mg/L during the 4th quarter of the reporting period. Toluene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0186 mg/L during the 4th quarter to 0.0398 mg/L during the 1st quarter. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from 0.0438 mg/L during the 4th quarter to 0.0764 mg/L during the 1st quarter of 2019. Xylene concentrations were below NMOCD regulatory guidelines during the 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 (0.00023 mg/L), fluorene (0.0014 mg/L), and phenanthrene (0.0014 mg/L).

Monitor well MW-4A is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from less than the applicable laboratory RL during the 2nd, 3rd and 4th quarters to 0.00143 mg/L during the 1st quarter of the reporting period. Benzene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 3rd and 4th quarters to 0.00321 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were

below 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, 3rd, and 4th quarters to 0.00444 mg/L during the 1st quarter of the reporting period. Xylene concentrations were below 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-5A is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0114 during the 1st quarter to 0.0382 mg/L during the 3rd quarter of the reporting period. Benzene concentrations were above 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 4th quarters to 0.00146 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00139 mg/L during the 2nd quarter to 0.0374 mg/L during the 3rd quarter of the reporting period. Ethylbenzene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.00237 mg/L during the 4th quarter to 0.07098 mg/L during the 3rd quarter of the reporting period. Xylene concentrations were below 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-6A is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.391 mg/L during the 1st quarter to 1.27 mg/L during the 4th quarter of the reporting period. Benzene concentrations were above 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 0.00382 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.238 mg/L during the 1st quarter to 0.519 mg/L during the 2nd quarter of the reporting period. Ethylbenzene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.12019 mg/L during the 1st quarter to 0.184 mg/L during the 2nd quarter of the reporting period. Xylene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for fluorene (0.0013 mg/L) and naphthalene (0.073 mg/L).

Monitor well MW-7A is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.295 mg/L during the 4th quarter to 0.564 mg/L during the 1st quarter of the reporting period. Benzene concentrations were above NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 1st, 2nd, and 3rd quarters to 0.00104 mg/L during the 4th quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory guideline during all four (4) quarters of the reporting period. Ethylbenzene

concentrations ranged from less than the applicable RL during the 1st, 2nd, and 3rd quarters to 0.00401 mg/L during the 4th quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guideline during all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable RL during the 1st and 3rd quarters to 0.0254 mg/L during the 2nd quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory guideline 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 (0.00043 mg/L), fluorene (0.00220 mg/L), phenanthrene (0.00260 mg/L), and naphthalene (0.0433 mg/L).

Monitor well MW-8 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and 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 sampling event of 2006. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-9 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and 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 sampling event of 2006. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-10 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0278 mg/L during the 4th quarter to 0.0962 mg/L during the 2nd quarter of the reporting period. Benzene concentrations were above the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 1st quarter to 0.00523 mg/L during the 2nd quarter. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 1st quarter to 0.00677 mg/L during the 2nd quarter. Xylene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-11A is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than 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-12 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than 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.

Laboratory analytical results were compared to NMOCD regulatory guidelines 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 monitoring activities for the 2019 annual monitoring period. Currently, there are twelve (12) groundwater monitor wells (MW-1 through MW-3, MW-4A through MW-7A, MW-8 through MW-10, MW-11A, and MW-12) on site. The most recent Inferred Groundwater Gradient Map, Figure 2D, indicated a general gradient of 0.0040 feet/foot to the southeast.

During the reporting period, no measurable thickness of PSH was detected in any of the Site monitor wells.

Review of the laboratory analytical results of the groundwater samples obtained during this annual reporting period indicated BTEX constituent concentrations are below the applicable NMOCD regulatory guidelines in five (5) of the twelve (12) monitor wells on site. At this time, dissolved phase impact appears to be delineated and limited to monitor wells MW-1 through MW-3, MW-5A, MW-6A, MW-7A, and MW-10. Review of PAH analysis indicated monitor wells MW-1, MW-3, MW-6A, and MW-7A exhibited PAH constituents which exceeded the NMWQCC Drinking Water Standards.

For a better understanding of the dissolved phase plume delineation to the east of the Release Site, Plains has combined the Junction 34 to Lea (NMOCD Reference #1RP-0386) and TNM 97-17 (NMOCD Reference #AP-017) Inferred Groundwater Gradient Maps as Figure 4 and Groundwater Concentration and Inferred PSH Extent Maps as Figure 5. Figure 5 illustrates the most recent BTEX concentrations in groundwater immediately east of Junction 34 to Lea monitor wells MW-1, MW-5A, MW-7A, and MW-10. The up-gradient and westerly cross-gradient monitor wells at TNM 97-17 do not indicate the presence of BTEX constituents, indicating the two (2) dissolved phase plumes appear to be separate. Please note, likely due to several precipitation events between the individual sampling events, the unitized inferred groundwater gradient map appears to exhibit some distortion.

ANTICIPATED ACTIONS

Quarterly and annual monitoring and groundwater sampling will continue in 2020. Monitor well gauging will continue on a monthly or quarterly schedule according to site conditions.

Based on the results of previous PAH analysis, PAH analysis will be conducted on monitor wells MW-1, MW-3, and MW-4A through MW-7A during the 2020 reporting period.

A 2020 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.

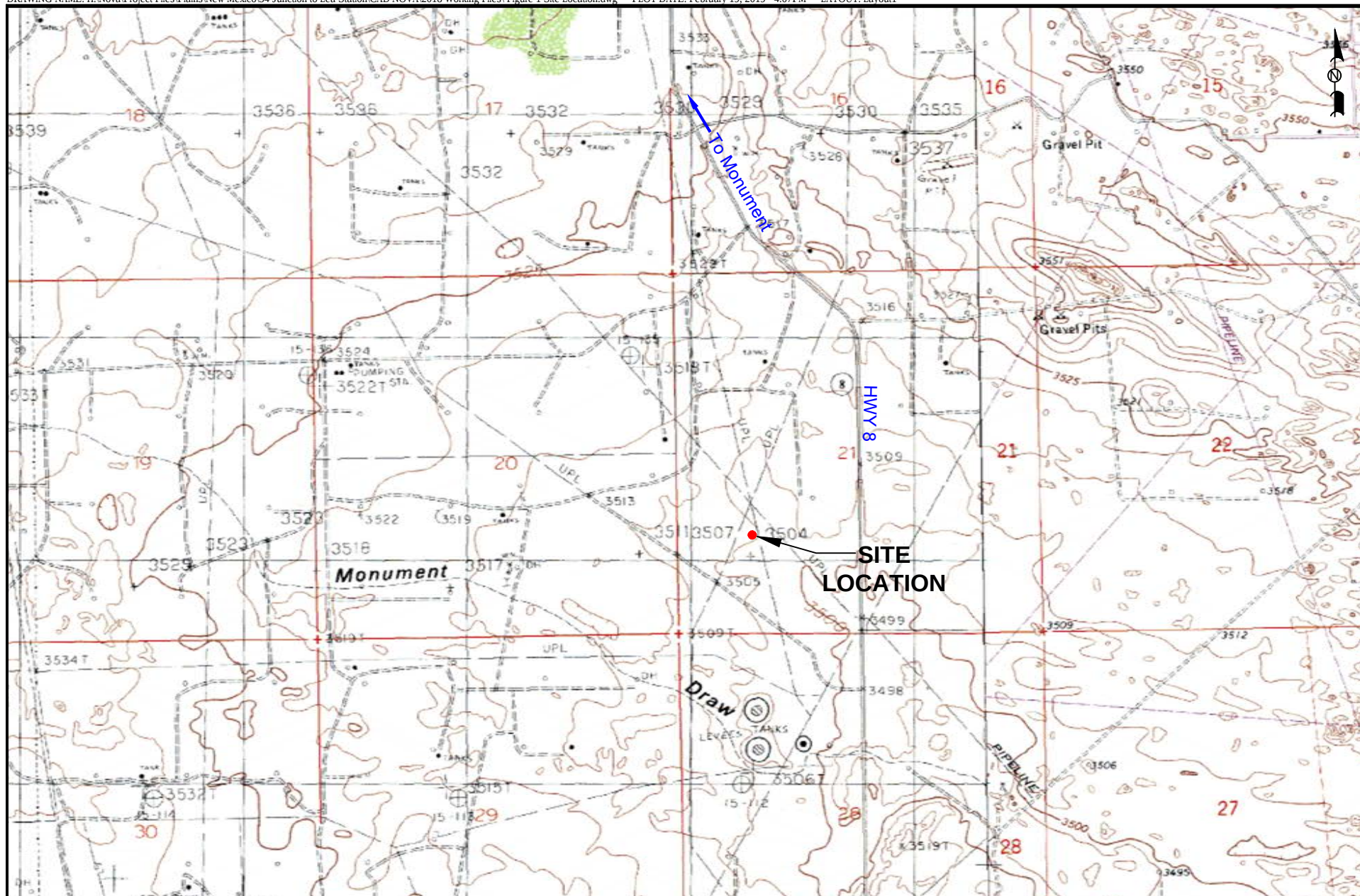
TRC has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals and information generated by EPI. TRC has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and 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 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 79705
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



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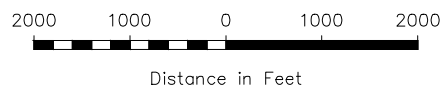
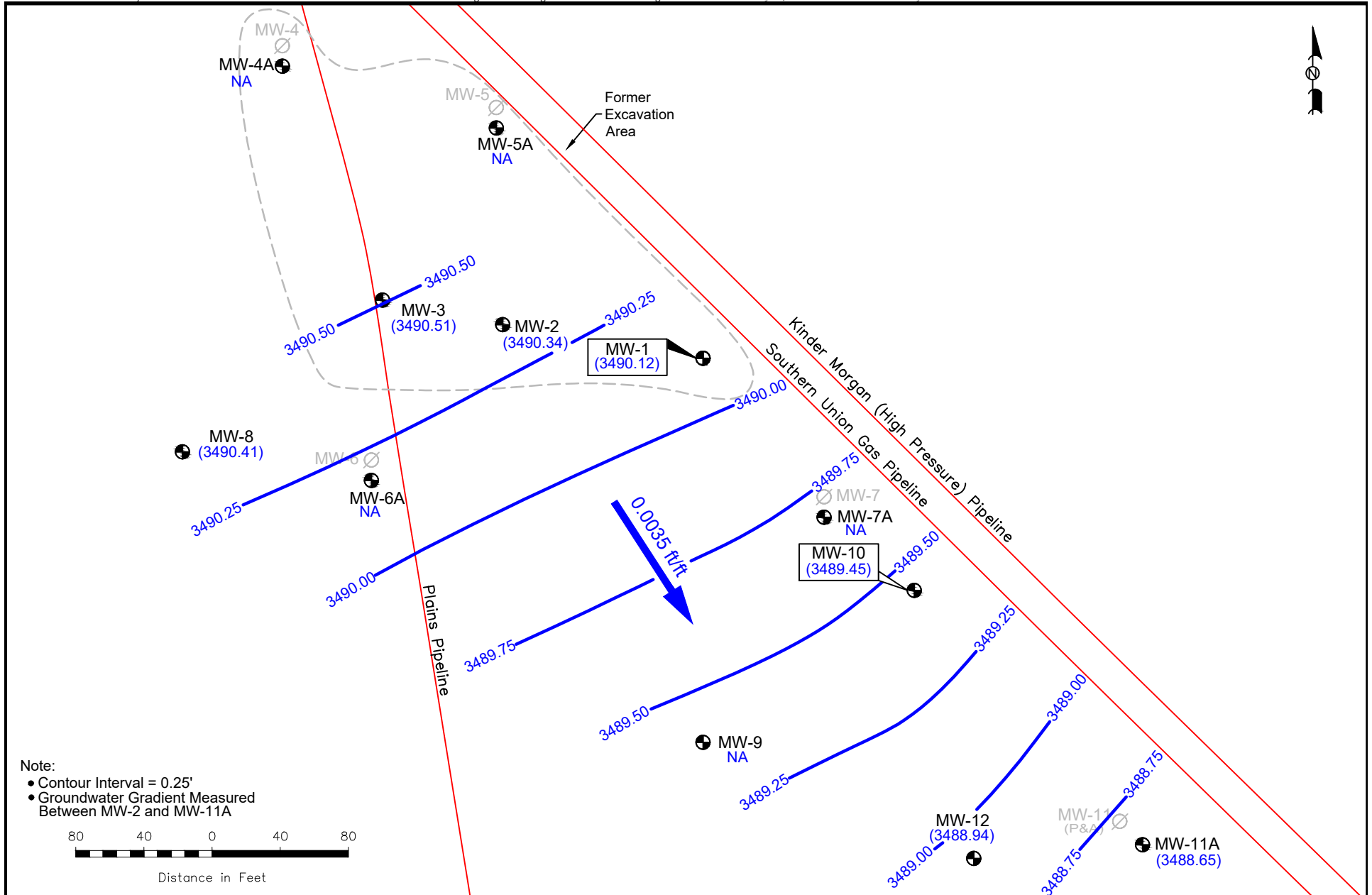


Figure 1
Site Location Map
Plains Marketing, L.P.
34 Junction To Lea Station
NMOCD Reference # 1RP-386-0
Lea County, NM

Scale: 1" = 2000'

CAD By: TA	Checked By: CS
Draft: December 3, 2015	
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TRC Proj. No.: 014167	





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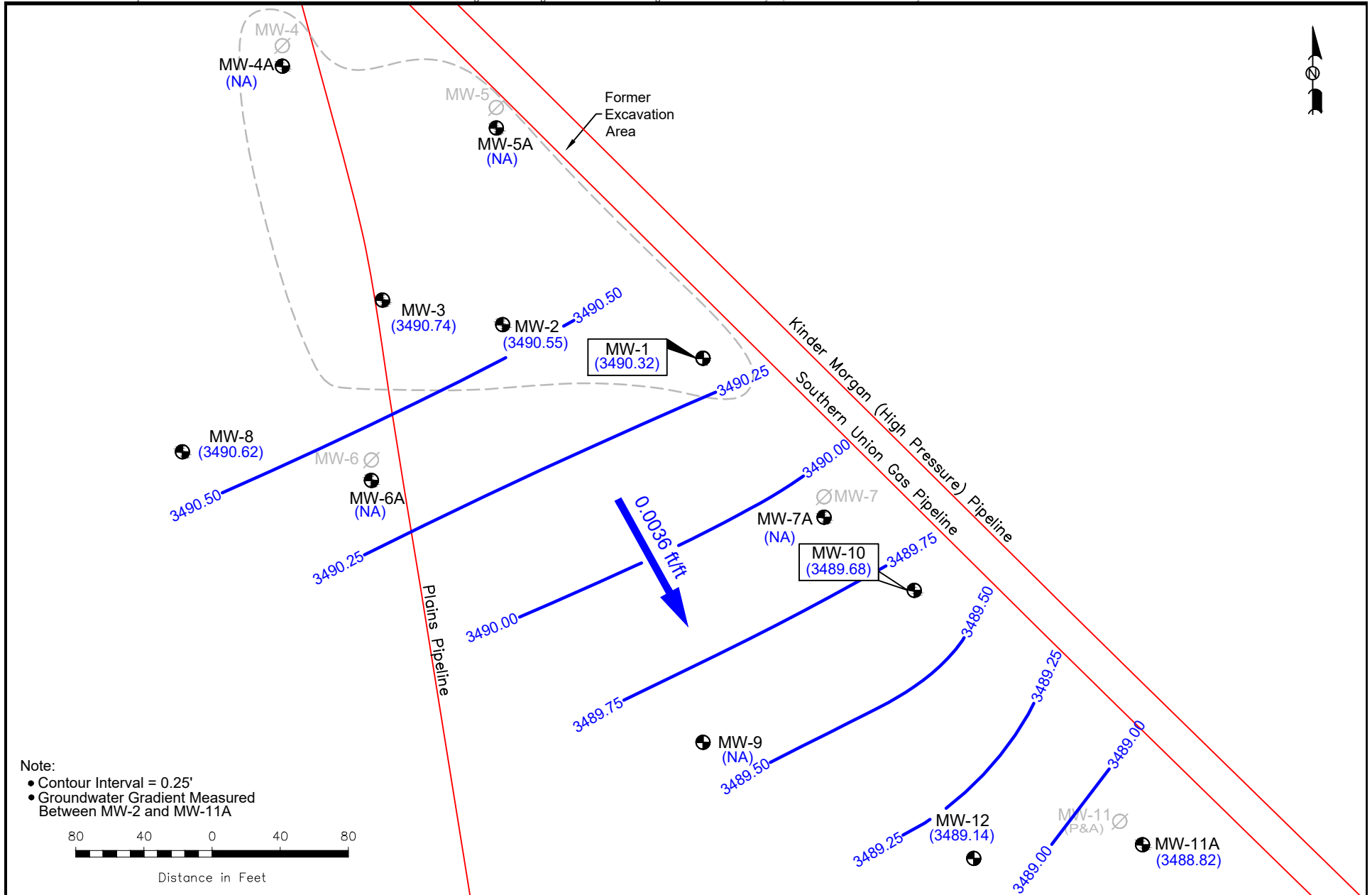
- Monitor Well Location
- Pipeline
- Grounwater Elevation (Feet)
- Grounwater Elevation Contour Line
- P&A Plugged and Abandoned
- Well Not Surveyed

Figure 2A
Inferred Groundwater
Gradient Map
(2/6/2019)
Plains Marketing, L.P.
34 Junction to Lea Station
NMOCD Reference #1RP-386-0
Lea County, NM

Scale: 1" = 80'

CAD By: CS	Checked By: CS
Draft: April 3, 2019	
Lat. N 32.555222° , Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	





LEGEND:

- Monitor Well Location
- Pipeline
- Groundwater Elevation (Feet)
- Groundwater Elevation Contour Line
- P&A Plugged and Abandoned
- (NA) Well Not Surveyed

Figure 2B
Inferred Groundwater
Gradient Map
(5/8/2019)
Plains Marketing, L.P.
34 Junction to Lea Station
NMOCD Reference #1RP-386-0
Lea County, NM

Scale: 1" = 80'

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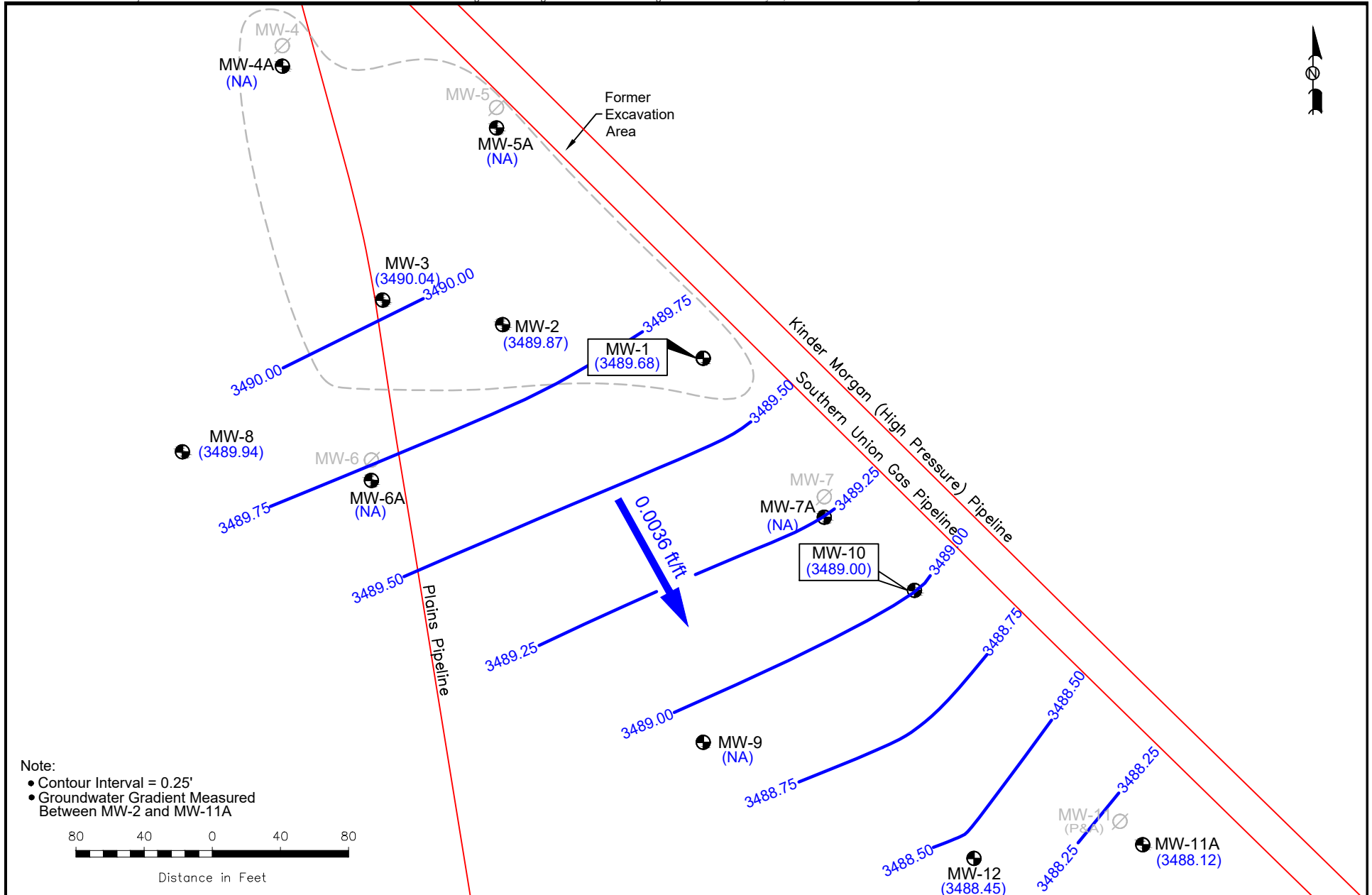
Draft: July 6, 2019

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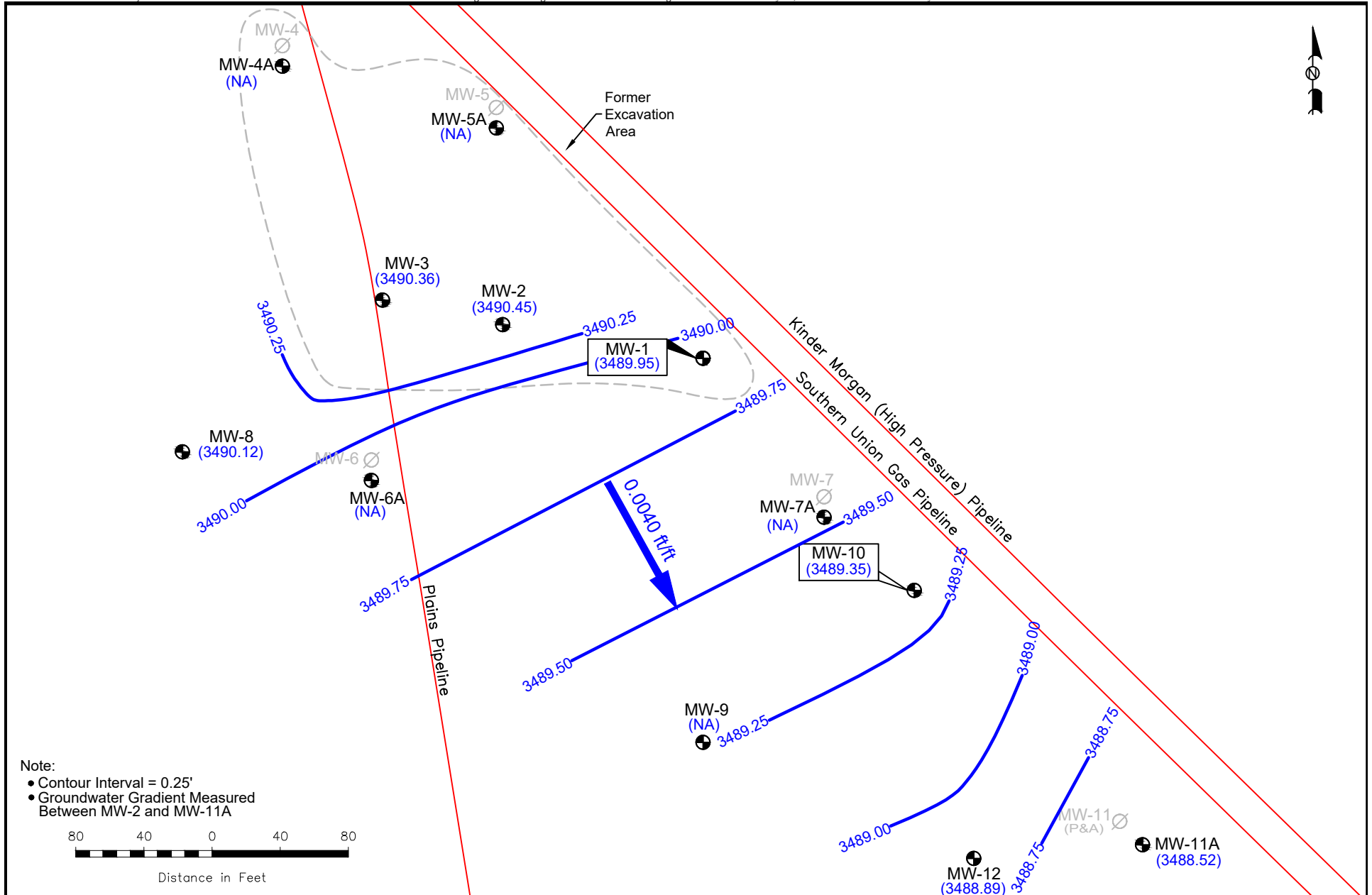
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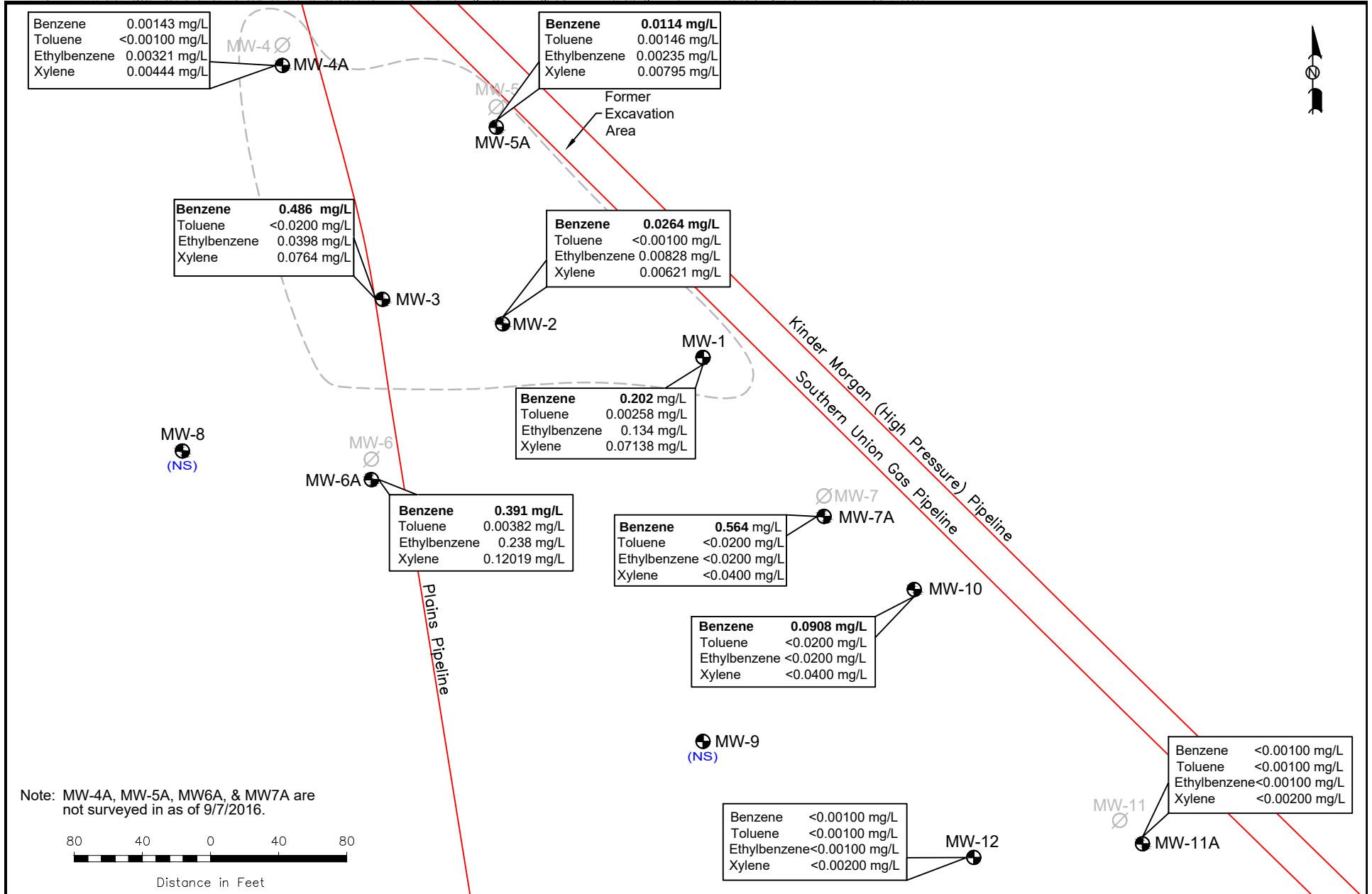




LEGEND:		Figure 2C Inferred Groundwater Gradient Map (8/8/2019) Plains Marketing, L.P. 34 Junction to Lea Station NMOCD Reference #1RP-386-0 Lea County, NM	Scale: 1" = 80'		 10 Desta Drive, Suite 150E Midland, Texas 79705 432.520.7720		
	Monitor Well Location		(NA)	Well Not Surveyed		CAD By: CS	Checked By: CS
	Pipeline					Draft: October 1, 2019	
(3791.69)	Grounwater Elevation (Feet)					Lat. N 32.555222° , Long. W 103.261027°	
	Grounwater Elevation Contour Line					NW1/4 SW1/4 Sec 21 T20S R37E	
P&A	Plugged and Abandoned					TRC Proj. No.: 014167	



LEGEND:		Figure 2D Inferred Groundwater Gradient Map (11/26/2019) Plains Marketing, L.P. 34 Junction to Lea Station NMOCD Reference #1RP-386-0 Lea County, NM	Scale: 1" = 80'		 10 Desta Drive, Suite 150E Midland, Texas 79705 432.520.7720	
	Monitor Well Location		CAD By: CS			Checked By: CS
	Pipeline		Draft: December 16, 2019			
(3791.69)	Groundwater Elevation (Feet)		Lat. N 32.555222° , Long. W 103.261027°			
	Groundwater Elevation Contour Line		NW1/4 SW1/4 Sec 21 T20S R37E			
	P&A Plugged and Abandoned		TRC Proj. No.: 014167			
(NA)	Well Not Surveyed					



LEGEND:

- Monitor Well Location
- Pipeline
- Inferred PSH Extent
- Not Sampled
- PSH Thickness (in feet)
- Plugged and Abandoned Well
- Constituent Concentration (mg/L)

Figure 3A
Groundwater Concentration
and Inferred PSH Extent Map
(2/6/2019)
Plains Marketing, L.P.
Junction 34 To Lea Station
NMOCD Reference #1R-0386
Lea County, NM

Scale: 1" = 80'

CAD By: CS Checked By: CS

Draft: April 1, 2019

Lat. N 32.555222° , Long. W 103.261027°

NW1/4 SW1/4 Sec 21 T20S R37E

TRC Proj. No.: 014167



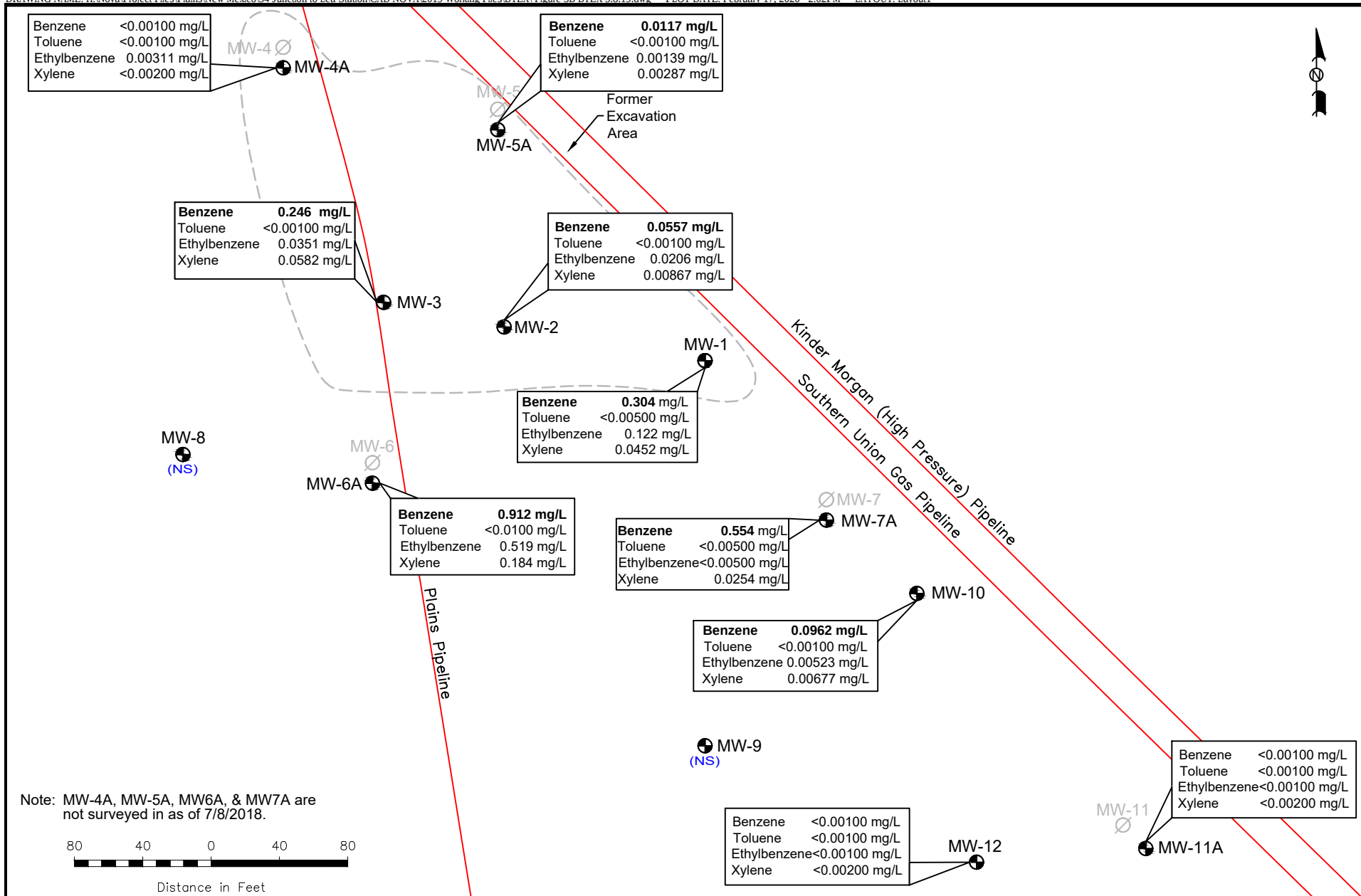
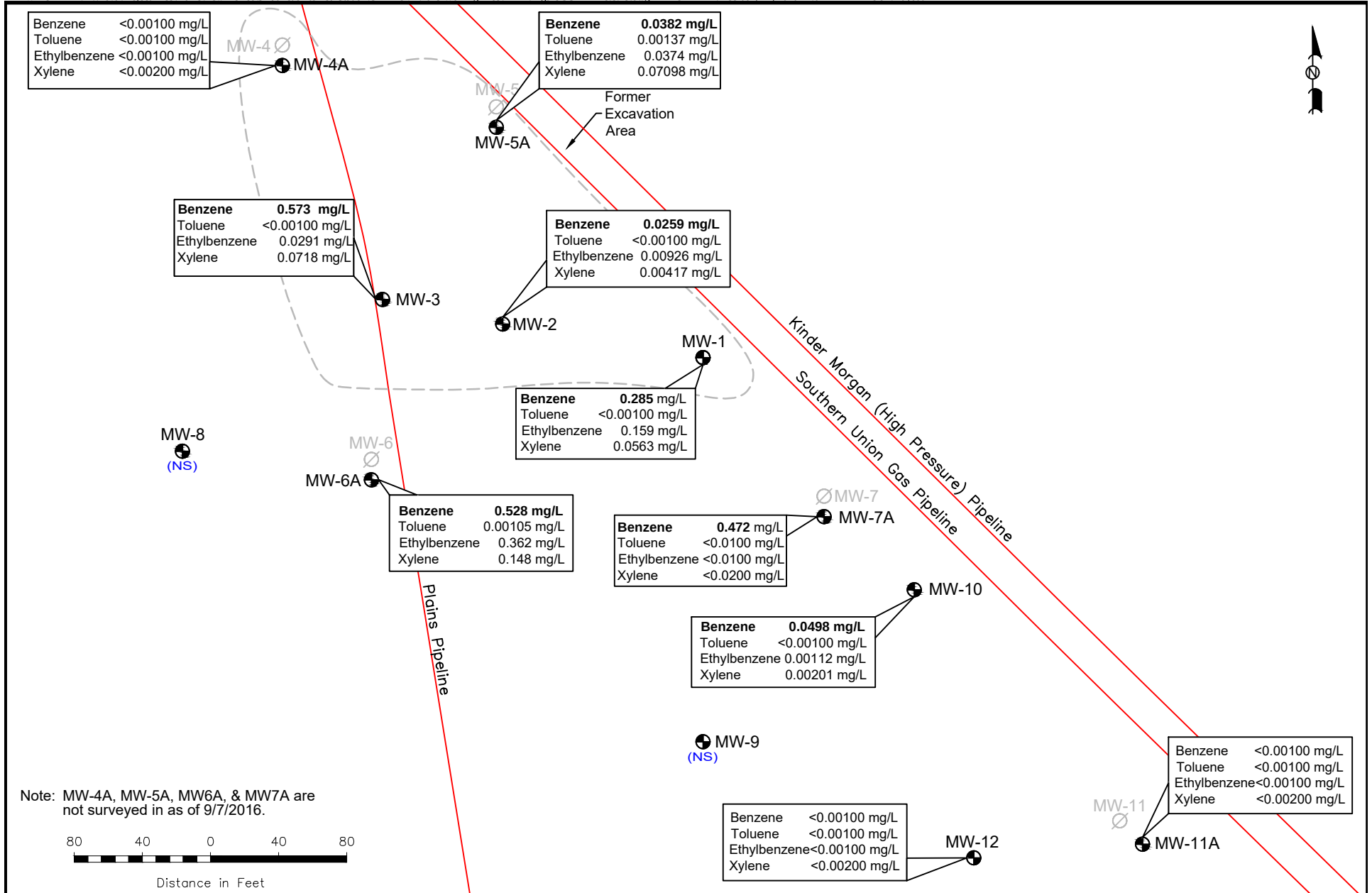
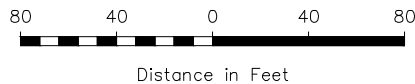


Figure 3B Groundwater Concentration and Inferred PSH Extent Map (5/8/2019) Plains Marketing, L.P. Junction 34 To Lea Station NMOCD Reference #1R-0386 Lea County, NM		Scale: 1" = 80' CAD By: CS Checked By: CS Draft: June 11, 2019 Lat: N 32.555222° , Long: W 103.261027° NW1/4 SW1/4 Sec 21 T20S R37E TRC Proj. No.: 014167	 10 Desta Drive, Suite 150E Midland, Texas 79705 432.520.7720
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Note: MW-4A, MW-5A, MW6A, & MW7A are not surveyed in as of 9/7/2016.



LEGEND:

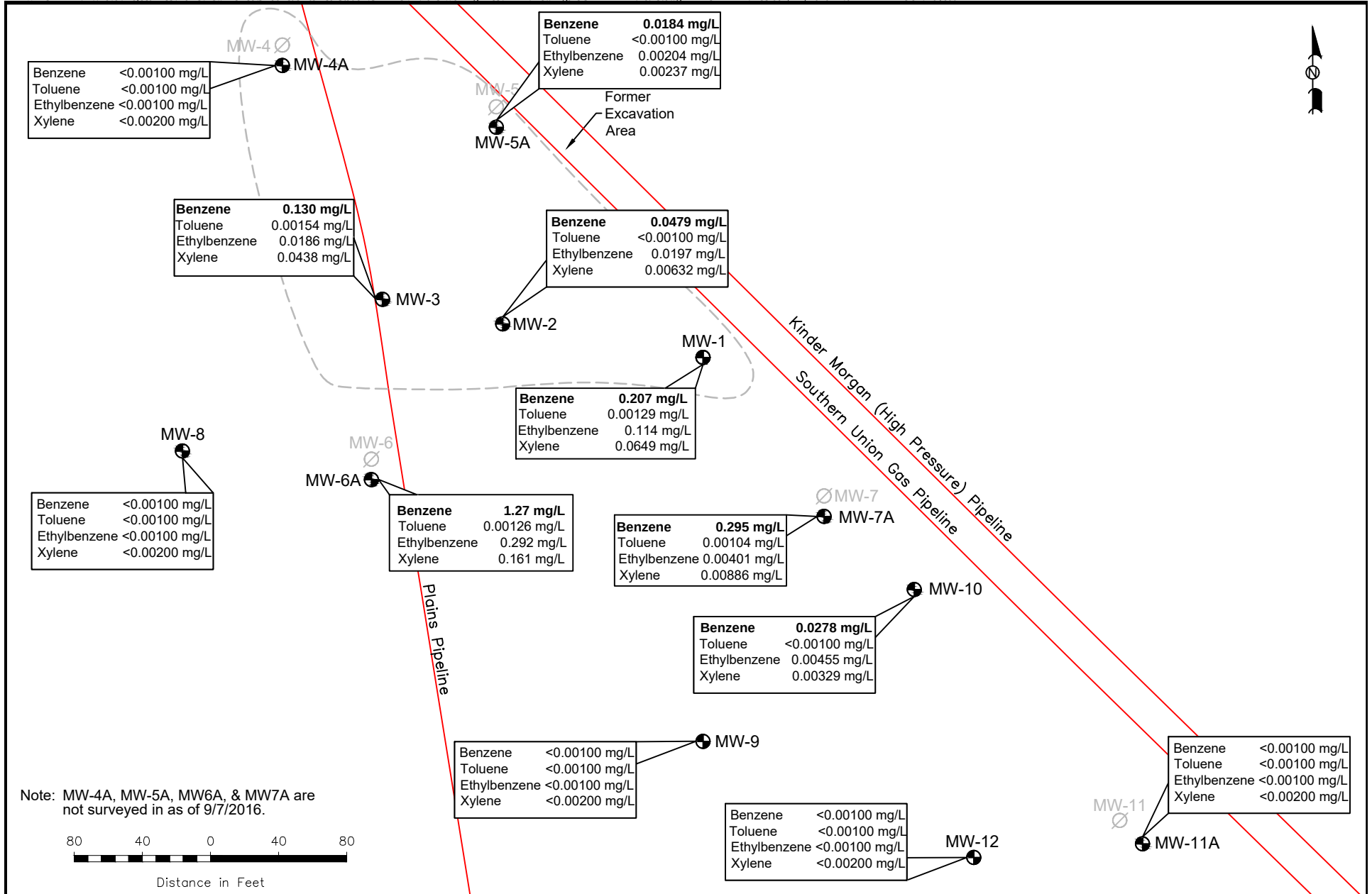
- Monitor Well Location
- Pipeline
- Inferred PSH Extent
- Not Sampled
- PSH Thickness (in feet)
- Plugged and Abandoned Well
- Constituent Concentration (mg/L)

Figure 3C
Groundwater Concentration
and Inferred PSH Extent Map
(8/8/2019)
Plains Marketing, L.P.
Junction 34 To Lea Station
NMOCD Reference #1R-0386
Lea County, NM

Scale: 1" = 80'

CAD By: CS	Checked By: CS
Draft: September 13, 2019	
Lat. N 32.555222° , Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

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



LEGEND:

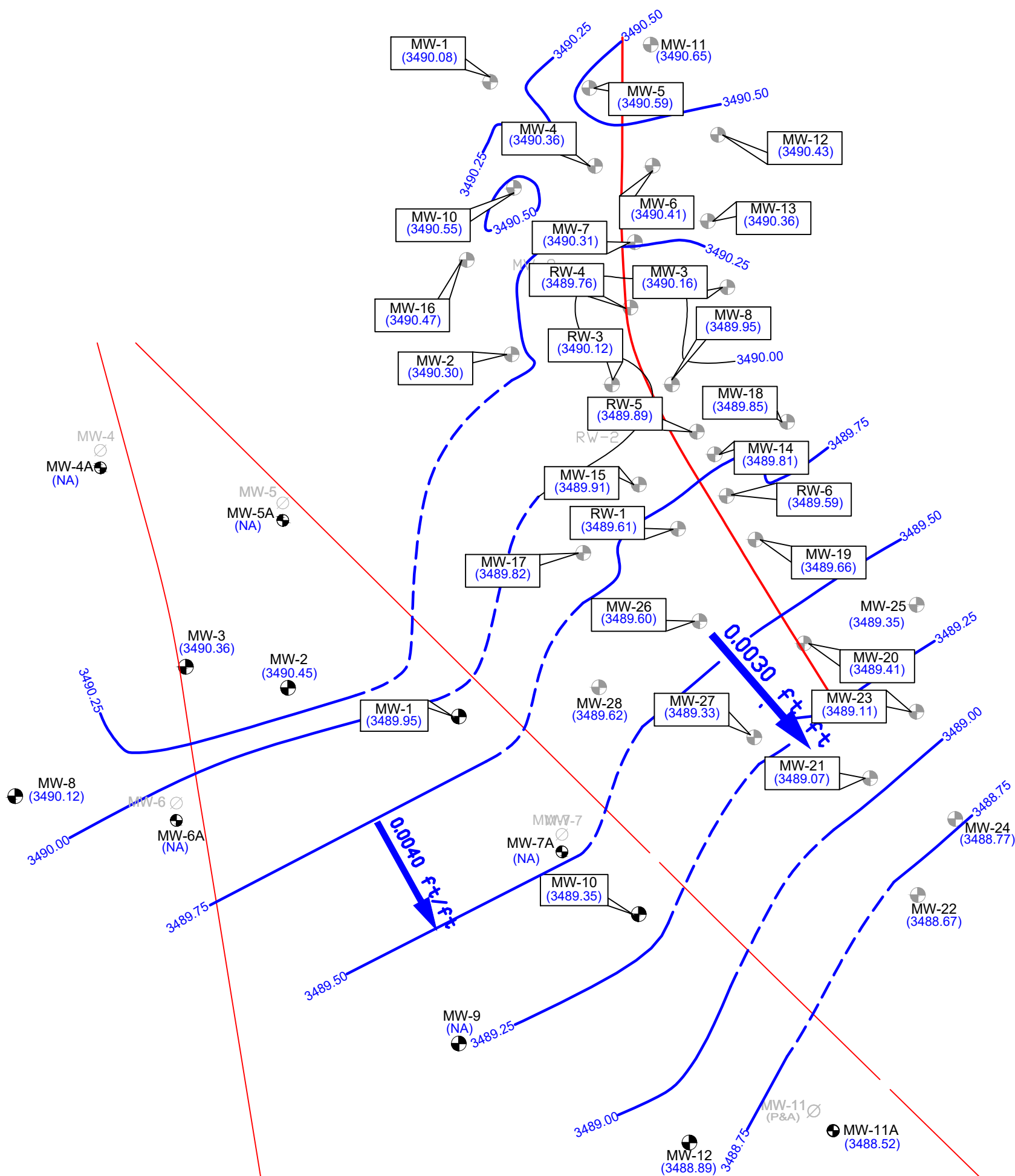
- Monitor Well Location
- Pipeline
- Inferred PSH Extent
- (NS) Not Sampled
- 0.18' PSH Thickness (in feet)
- Plugged and Abandoned Well
- <0.001 Constituent Concentration (mg/L)

Figure 3D
Groundwater Concentration
and Inferred PSH Extent Map
(11/26/2019)
Plains Marketing, L.P.
Junction 34 To Lea Station
NMOCD Reference #1R-0386
Lea County, NM

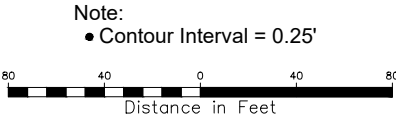
Scale: 1" = 80'

CAD By: CS	Checked By: CS
Draft: December 13, 2019	
Lat. N 32.555222° , Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

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



Note: MW4A, MW5A, MW6A & MW7A at Junction 34 to Lea were not used in map construction.

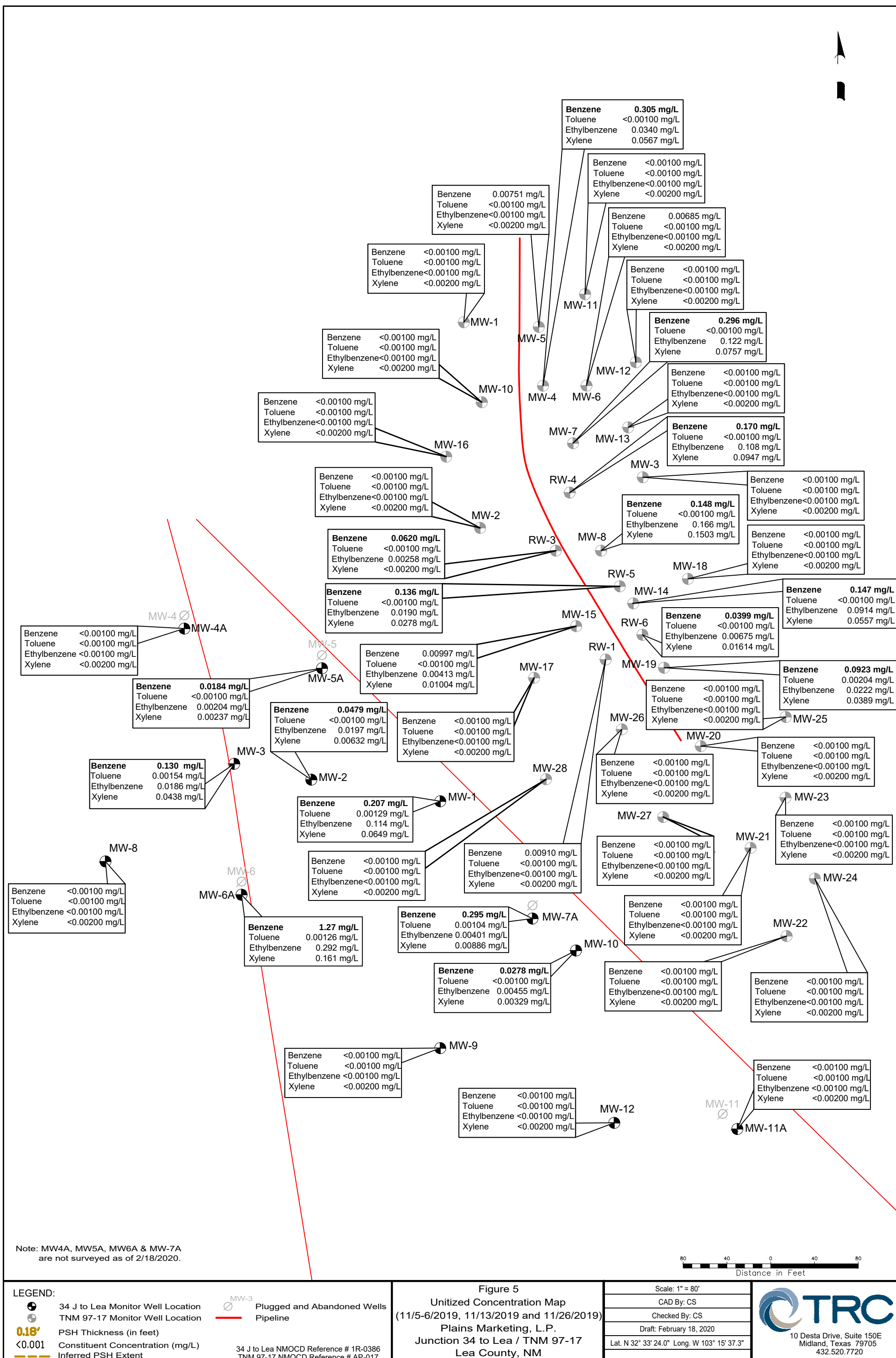


LEGEND:	
	34 J to Lea Monitor Well Location
	TNM 97-17 Monitor Well Location
	Groundwater Contour Lines
	Groundwater Elevation in Feet
	Plugged and Abandoned Wells
	Pipeline
	Well Not Surveyed
34 J to Lea NMOCD Reference # 1R-0386 TNM 97-17 NMOCD Reference # AP-017	

Figure 4
Combined Inferred Groundwater
Gradient Map
11/5-6/19, 11/3/19 and 11/26/19
Plains Marketing, L.P.
Junction 34 to Lea / TNM 97-17
Lea County, NM

Scale: 1" = 80'
CAD By: CS
Checked By: CS
Draft: February 18, 2020
Lat. N 32° 33' 24.0" Long. W 103° 15' 37.3"

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



2019 Tables

TABLE 1**2019 Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 1	01/02/19	3,508.39	-	18.33	0.00	3,490.06
MW - 1	01/08/19	3,508.39	-	18.35	0.00	3,490.04
MW - 1	01/15/19	3,508.39	-	18.29	0.00	3,490.10
MW - 1	01/22/19	3,508.39	-	18.31	0.00	3,490.08
MW - 1	02/06/19	3,508.39	-	18.27	0.00	3,490.12
MW - 1	02/13/19	3,508.39	-	18.25	0.00	3,490.14
MW - 1	02/18/19	3,508.39	-	18.24	0.00	3,490.15
MW - 1	03/06/19	3,508.39	-	18.21	0.00	3,490.18
MW - 1	03/14/19	3,508.39	-	18.23	0.00	3,490.16
MW - 1	03/27/19	3,508.39	-	18.16	0.00	3,490.23
MW - 1	04/05/19	3,508.39	-	18.15	0.00	3,490.24
MW - 1	04/11/19	3,508.39	-	18.12	0.00	3,490.27
MW - 1	04/17/19	3,508.39	-	18.10	0.00	3,490.29
MW - 1	04/24/19	3,508.39	-	18.09	0.00	3,490.30
MW - 1	05/03/19	3,508.39	-	18.08	0.00	3,490.31
MW - 1	05/08/19	3,508.39	-	18.07	0.00	3,490.32
MW - 1	05/17/19	3,508.39	-	18.66	0.00	3,489.73
MW - 1	05/23/19	3,508.39	-	18.10	0.00	3,490.29
MW - 1	06/12/19	3,508.39	-	18.25	0.00	3,490.14
MW - 1	07/04/19	3,508.39	-	18.53	0.00	3,489.86
MW - 1	07/12/19	3,508.39	-	18.58	0.00	3,489.81
MW - 1	07/18/19	3,508.39	-	18.62	0.00	3,489.77
MW - 1	07/24/19	3,508.39	-	18.67	0.00	3,489.72
MW - 1	08/01/19	3,508.39	-	18.72	0.00	3,489.67
MW - 1	08/08/19	3,508.39	-	18.71	0.00	3,489.68
MW - 1	08/16/19	3,508.39	-	18.78	0.00	3,489.61
MW - 1	09/12/19	3,508.39	-	18.92	0.00	3,489.47
MW - 1	09/25/19	3,508.39	-	18.94	0.00	3,489.45
MW - 1	10/08/19	3,508.39	-	18.65	0.00	3,489.74
MW - 1	10/17/19	3,508.39	-	18.63	0.00	3,489.76

TABLE 1**2019 Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 1	10/31/19	3,508.39	-	18.68	0.00	3,489.71
MW - 1	11/14/19	3,508.39	-	18.50	0.00	3,489.89
MW - 1	11/22/19	3,508.39	-	18.48	0.00	3,489.91
MW - 1	11/26/19	3,508.39	-	18.44	0.00	3,489.95
MW - 1	12/09/19	3,508.39	-	18.42	0.00	3,489.97
MW - 1	12/17/19	3,508.39	-	18.46	0.00	3,489.93
MW-2	01/02/19	3,509.87	-	19.62	0.00	3,490.25
MW-2	01/08/19	3,509.87	-	19.66	0.00	3,490.21
MW-2	01/15/19	3,509.87	-	19.58	0.00	3,490.29
MW-2	01/22/19	3,509.87	-	19.63	0.00	3,490.24
MW-2	02/06/19	3,509.87	-	19.53	0.00	3,490.34
MW-2	02/13/19	3,509.87	-	19.51	0.00	3,490.36
MW-2	03/06/19	3,509.87	-	19.47	0.00	3,490.40
MW-2	03/27/19	3,509.87	-	19.43	0.00	3,490.44
MW-2	04/05/19	3,509.87	-	19.43	0.00	3,490.44
MW-2	04/11/19	3,509.87	-	19.41	0.00	3,490.46
MW-2	04/17/19	3,509.87	-	19.38	0.00	3,490.49
MW-2	05/03/19	3,509.87	-	19.35	0.00	3,490.52
MW-2	05/08/19	3,509.87	-	19.32	0.00	3,490.55
MW-2	05/17/19	3,509.87	-	19.33	0.00	3,490.54
MW-2	06/12/19	3,509.87	-	19.53	0.00	3,490.34
MW-2	07/04/19	3,509.87	-	19.82	0.00	3,490.05
MW-2	07/12/19	3,509.87	-	19.86	0.00	3,490.01
MW-2	07/18/19	3,509.87	-	19.89	0.00	3,489.98
MW-2	08/08/19	3,509.87	-	20.00	0.00	3,489.87
MW-2	09/12/19	3,509.87	-	20.20	0.00	3,489.67
MW-2	10/08/19	3,509.87	-	19.99	0.00	3,489.88
MW-2	11/26/19	3,509.87	-	19.42	0.00	3,490.45
MW-2	12/09/19	3,509.87	-	19.72	0.00	3,490.15

TABLE 1**2019 Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW-2	12/17/19	3,509.87	-	19.76	0.00	3,490.11
MW - 3	01/02/19	3,510.51	-	20.09	0.00	3,490.42
MW - 3	01/08/19	3,510.51	-	20.12	0.00	3,490.39
MW - 3	01/22/19	3,510.51	-	20.10	0.00	3,490.41
MW - 3	02/06/19	3,510.51	-	20.00	0.00	3,490.51
MW - 3	02/13/19	3,510.51	-	20.01	0.00	3,490.50
MW - 3	02/18/19	3,510.51	-	19.99	0.00	3,490.52
MW - 3	03/14/19	3,510.51	-	20.01	0.00	3,490.50
MW - 3	03/06/19	3,510.51	-	19.92	0.00	3,490.59
MW - 3	03/27/19	3,510.51	-	19.91	0.00	3,490.60
MW - 3	04/05/19	3,510.51	-	19.91	0.00	3,490.60
MW - 3	04/11/19	3,510.51	-	19.91	0.00	3,490.60
MW - 3	04/17/19	3,510.51	-	19.85	0.00	3,490.66
MW - 3	05/03/19	3,510.51	-	19.85	0.00	3,490.66
MW - 3	05/08/19	3,510.51	-	19.77	0.00	3,490.74
MW - 3	05/17/19	3,510.51	-	19.77	0.00	3,490.74
MW - 3	06/12/19	3,510.51	-	19.99	0.00	3,490.52
MW - 3	07/04/19	3,510.51	-	20.26	0.00	3,490.25
MW - 3	07/12/19	3,510.51	-	20.34	0.00	3,490.17
MW - 3	07/18/19	3,510.51	-	20.34	0.00	3,490.17
MW - 3	08/08/19	3,510.51	-	20.47	0.00	3,490.04
MW - 3	09/12/19	3,510.51	-	20.67	0.00	3,489.84
MW - 3	10/08/19	3,510.51	-	20.15	0.00	3,490.36
MW - 3	11/26/19	3,510.51	-	20.15	0.00	3,490.36
MW - 3	12/09/19	3,510.51	-	20.28	0.00	3,490.23
MW - 4A	01/02/19	100.00	-	19.13	0.00	80.87
MW - 4A	01/05/19	100.00	-	19.15	0.00	80.85
MW - 4A	01/08/19	100.00	-	19.15	0.00	80.85

TABLE 1**2019 Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 4A	01/15/19	100.00	-	19.10	0.00	80.90
MW - 4A	01/22/19	100.00	-	19.12	0.00	80.88
MW - 4A	02/06/19	100.00	-	19.05	0.00	80.95
MW - 4A	02/13/19	100.00	-	19.04	0.00	80.96
MW - 4A	02/18/19	100.00	-	19.03	0.00	80.97
MW - 4A	03/06/19	100.00	-	18.99	0.00	81.01
MW - 4A	03/27/19	100.00	-	18.94	0.00	81.06
MW - 4A	04/05/19	100.00	-	18.93	0.00	81.07
MW - 4A	04/11/19	100.00	-	18.90	0.00	81.10
MW - 4A	04/17/19	100.00	-	18.87	0.00	81.13
MW - 4A	04/24/19	100.00	-	18.85	0.00	81.15
MW - 4A	05/03/19	100.00	-	18.85	0.00	81.15
MW - 4A	05/08/19	100.00	-	18.83	0.00	81.17
MW - 4A	05/17/19	100.00	-	18.84	0.00	81.16
MW - 4A	06/12/19	100.00	-	19.08	0.00	80.92
MW - 4A	07/04/19	100.00	-	19.39	0.00	80.61
MW - 4A	07/12/19	100.00	-	19.44	0.00	80.56
MW - 4A	07/18/19	100.00	-	19.46	0.00	80.54
MW - 4A	08/08/19	100.00	-	19.61	0.00	80.39
MW - 4A	09/12/19	100.00	-	19.83	0.00	80.17
MW - 4A	10/08/19	100.00	-	19.66	0.00	80.34
MW - 4A	11/26/19	100.00	-	19.38	0.00	80.62
MW - 4A	12/09/19	100.00	-	19.30	0.00	80.70
MW - 5A	01/02/19	100.00	-	18.81	0.00	81.19
MW - 5A	01/08/19	100.00	-	18.83	0.00	81.17
MW - 5A	01/15/19	100.00	-	18.77	0.00	81.23
MW - 5A	01/22/19	100.00	-	18.78	0.00	81.22
MW - 5A	02/06/19	100.00	-	18.68	0.00	81.32
MW - 5A	02/13/19	100.00	-	18.69	0.00	81.31

TABLE 1**2019 Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 5A	02/18/19	100.00	-	18.74	0.00	81.26
MW - 5A	03/06/19	100.00	-	18.63	0.00	81.37
MW - 5A	03/27/19	100.00	-	18.64	0.00	81.36
MW - 5A	04/05/19	100.00	-	18.60	0.00	81.40
MW - 5A	04/11/19	100.00	-	18.56	0.00	81.44
MW - 5A	04/17/19	100.00	-	18.53	0.00	81.47
MW - 5A	05/03/19	100.00	-	18.52	0.00	81.48
MW - 5A	05/08/19	100.00	-	18.48	0.00	81.52
MW - 5A	05/17/19	100.00	-	18.49	0.00	81.51
MW - 5A	06/12/19	100.00	-	18.72	0.00	81.28
MW - 5A	06/18/19	100.00	-	18.79	0.00	81.21
MW - 5A	07/04/19	100.00	-	19.02	0.00	80.98
MW - 5A	07/12/19	100.00	-	19.08	0.00	80.92
MW - 5A	07/18/19	100.00	-	19.11	0.00	80.89
MW - 5A	07/24/19	100.00	-	19.12	0.00	80.88
MW - 5A	08/08/19	100.00	-	19.20	0.00	80.80
MW - 5A	09/12/19	100.00	-	19.41	0.00	80.59
MW - 5A	09/25/19	100.00	-	19.44	0.00	80.56
MW - 5A	10/08/19	100.00	-	19.16	0.00	80.84
MW - 5A	10/17/19	100.00	-	19.15	0.00	80.85
MW - 5A	10/24/19	100.00	-	19.19	0.00	80.81
MW - 5A	11/14/19	100.00	-	18.97	0.00	81.03
MW - 5A	11/26/19	100.00	-	18.91	0.00	81.09
MW - 5A	12/09/19	100.00	-	18.86	0.00	81.14
MW - 6A	01/02/19	100.00	-	21.49	0.00	78.51
MW - 6A	01/08/19	100.00	-	21.50	0.00	78.50
MW - 6A	01/15/19	100.00	-	21.47	0.00	78.53
MW - 6A	01/22/19	100.00	-	21.45	0.00	78.55
MW - 6A	02/06/19	100.00	-	21.42	0.00	78.58

TABLE 1**2019 Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 6A	02/13/19	100.00	-	21.40	0.00	78.60
MW - 6A	02/18/19	100.00	-	21.41	0.00	78.59
MW - 6A	03/06/19	100.00	-	21.36	0.00	78.64
MW - 6A	03/14/19	100.00	-	21.38	0.00	78.62
MW - 6A	03/27/19	100.00	-	21.32	0.00	78.68
MW - 6A	04/05/19	100.00	-	21.31	0.00	78.69
MW - 6A	04/11/19	100.00	-	21.27	0.00	78.73
MW - 6A	04/17/19	100.00	-	21.25	0.00	78.75
MW - 6A	04/24/19	100.00	-	21.24	0.00	78.76
MW - 6A	05/03/19	100.00	-	21.23	0.00	78.77
MW - 6A	05/08/19	100.00	-	21.20	0.00	78.80
MW - 6A	05/17/19	100.00	-	21.20	0.00	78.80
MW - 6A	05/23/19	100.00	-	21.22	0.00	78.78
MW - 6A	05/31/19	100.00	-	21.28	0.00	78.72
MW - 6A	06/12/19	100.00	-	21.37	0.00	78.63
MW - 6A	06/18/19	100.00	-	21.44	0.00	78.56
MW - 6A	07/04/19	100.00	-	21.64	0.00	78.36
MW - 6A	07/12/19	100.00	-	21.71	0.00	78.29
MW - 6A	07/18/19	100.00	-	21.72	0.00	78.28
MW - 6A	07/24/19	100.00	-	21.76	0.00	78.24
MW - 6A	08/01/19	100.00	-	21.81	0.00	78.19
MW - 6A	08/08/19	100.00	-	21.84	0.00	78.16
MW - 6A	08/16/19	100.00	-	21.89	0.00	78.11
MW - 6A	08/22/19	100.00	-	21.95	0.00	78.05
MW - 6A	09/05/19	100.00	-	22.01	0.00	77.99
MW - 6A	09/12/19	100.00	-	22.05	0.00	77.95
MW - 6A	09/18/19	100.00	-	22.07	0.00	77.93
MW - 6A	09/25/19	100.00	-	22.07	0.00	77.93
MW - 6A	10/08/19	100.00	-	21.93	0.00	78.07
MW - 6A	10/17/19	100.00	-	21.85	0.00	78.15

TABLE 1**2019 Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 6A	10/24/19	100.00	-	21.86	0.00	78.14
MW - 6A	11/14/19	100.00	-	21.74	0.00	78.26
MW - 6A	11/22/19	100.00	-	21.68	0.00	78.32
MW - 6A	11/26/19	100.00	-	21.66	0.00	78.34
MW - 6A	12/04/19	100.00	-	21.63	0.00	78.37
MW - 6A	12/09/19	100.00	-	21.63	0.00	78.37
MW - 7A	01/02/19	100.00	-	18.97	0.00	81.03
MW - 7A	01/08/19	100.00	-	18.98	0.00	81.02
MW - 7A	01/15/19	100.00	-	18.93	0.00	81.07
MW - 7A	01/22/19	100.00	-	18.93	0.00	81.07
MW - 7A	02/06/19	100.00	-	18.90	0.00	81.10
MW - 7A	02/13/19	100.00	-	18.88	0.00	81.12
MW - 7A	02/18/19	100.00	-	18.88	0.00	81.12
MW - 7A	03/06/19	100.00	-	18.86	0.00	81.14
MW - 7A	03/14/19	100.00	-	18.87	0.00	81.13
MW - 7A	03/27/19	100.00	-	18.79	0.00	81.21
MW - 7A	04/05/19	100.00	-	18.78	0.00	81.22
MW - 7A	04/11/19	100.00	-	18.75	0.00	81.25
MW - 7A	04/17/19	100.00	-	18.73	0.00	81.27
MW - 7A	05/03/19	100.00	-	18.72	0.00	81.28
MW - 7A	05/08/19	100.00	-	18.71	0.00	81.29
MW - 7A	05/17/19	100.00	-	18.72	0.00	81.28
MW - 7A	05/23/19	100.00	-	18.75	0.00	81.25
MW - 7A	06/12/19	100.00	-	18.89	0.00	81.11
MW - 7A	07/04/19	100.00	-	19.18	0.00	80.82
MW - 7A	07/12/19	100.00	-	19.19	0.00	80.81
MW - 7A	07/18/19	100.00	-	19.23	0.00	80.77
MW - 7A	08/01/19	100.00	-	19.30	0.00	80.70
MW - 7A	08/08/19	100.00	-	19.34	0.00	80.66

TABLE 1**2019 Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 7A	09/12/19	100.00	-	19.54	0.00	80.46
MW - 7A	10/08/19	100.00	-	19.07	0.00	80.93
MW - 7A	11/26/19	100.00	-	19.02	0.00	80.98
MW - 7A	12/09/19	100.00	-	19.04	0.00	80.96
MW - 8	01/02/19	3,513.26	-	22.94	0.00	3,490.32
MW - 8	02/06/19	3,513.26	-	22.85	0.00	3,490.41
MW - 8	03/06/19	3,513.26	-	22.80	0.00	3,490.46
MW - 8	04/05/19	3,513.26	-	22.74	0.00	3,490.52
MW - 8	05/08/19	3,513.26	-	22.64	0.00	3,490.62
MW - 8	06/12/19	3,513.26	-	22.82	0.00	3,490.44
MW - 8	07/04/19	3,513.26	-	23.10	0.00	3,490.16
MW - 8	08/08/19	3,513.26	-	23.32	0.00	3,489.94
MW - 8	09/12/19	3,513.26	-	23.52	0.00	3,489.74
MW - 8	10/08/19	3,513.26	-	23.45	0.00	3,489.81
MW - 8	11/26/19	3,513.26	-	23.14	0.00	3,490.12
MW - 8	12/09/19	3,513.26	-	23.10	0.00	3,490.16
MW - 9	01/02/19	100.00	-	20.09	0.00	79.91
MW - 9	02/06/19	100.00	-	20.05	0.00	79.95
MW - 9	03/06/19	100.00	-	20.00	0.00	80.00
MW - 9	04/05/19	100.00	-	19.91	0.00	80.09
MW - 9	05/08/19	100.00	-	19.84	0.00	80.16
MW - 9	06/12/19	100.00	-	20.00	0.00	80.00
MW - 9	07/04/19	100.00	-	20.28	0.00	79.72
MW - 9	08/08/19	100.00	-	20.44	0.00	79.56
MW - 9	09/12/19	100.00	-	20.63	0.00	79.37
MW - 9	10/08/19	100.00	-	20.17	0.00	79.83
MW - 9	11/26/19	100.00	-	20.15	0.00	79.85
MW - 9	12/09/19	100.00	-	20.19	0.00	79.81

TABLE 1**2019 Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW-10	01/02/19	3,507.79	-	18.40	0.00	3,489.39
MW-10	01/08/19	3,507.79	-	18.38	0.00	3,489.41
MW-10	01/15/19	3,507.79	-	18.35	0.00	3,489.44
MW-10	01/22/19	3,507.79	-	18.39	0.00	3,489.40
MW-10	02/06/19	3,507.79	-	18.34	0.00	3,489.45
MW-10	02/13/19	3,507.79	-	18.38	0.00	3,489.41
MW-10	02/18/19	3,507.79	-	18.31	0.00	3,489.48
MW-10	03/06/19	3,507.79	-	18.29	0.00	3,489.50
MW-10	03/27/19	3,507.79	-	18.22	0.00	3,489.57
MW-10	04/05/19	3,507.79	-	18.22	0.00	3,489.57
MW-10	04/11/19	3,507.79	-	18.17	0.00	3,489.62
MW-10	04/17/19	3,507.79	-	18.14	0.00	3,489.65
MW-10	05/03/19	3,507.79	-	18.14	0.00	3,489.65
MW-10	05/08/19	3,507.79	-	18.11	0.00	3,489.68
MW-10	05/17/19	3,507.79	-	18.14	0.00	3,489.65
MW-10	05/23/19	3,507.79	-	18.18	0.00	3,489.61
MW-10	06/12/19	3,507.79	-	18.32	0.00	3,489.47
MW-10	07/04/19	3,507.79	-	18.64	0.00	3,489.15
MW-10	07/12/19	3,507.79	-	18.63	0.00	3,489.16
MW-10	07/18/19	3,507.79	-	18.67	0.00	3,489.12
MW-10	08/08/19	3,507.79	-	18.79	0.00	3,489.00
MW-10	09/12/19	3,507.79	-	18.96	0.00	3,488.83
MW-10	10/08/19	3,507.79	-	18.45	0.00	3,489.34
MW-10	11/26/19	3,507.79	-	18.44	0.00	3,489.35
MW-10	12/09/19	3,507.79	-	18.45	0.00	3,489.34
MW - 11A	01/02/19	3,509.52	-	20.91	0.00	3,488.61
MW - 11A	01/09/19	3,509.52	-	20.91	0.00	3,488.61
MW - 11A	02/06/19	3,509.52	-	20.87	0.00	3,488.65

TABLE 1**2019 Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 11A	03/06/19	3,509.52	-	20.82	0.00	3,488.70
MW - 11A	04/05/19	3,509.52	-	20.74	0.00	3,488.78
MW - 11A	05/08/19	3,509.52	-	20.70	0.00	3,488.82
MW - 11A	06/12/19	3,509.52	-	20.92	0.00	3,488.60
MW - 11A	07/04/19	3,509.52	-	21.24	0.00	3,488.28
MW - 11A	08/08/19	3,509.52	-	21.40	0.00	3,488.12
MW - 11A	09/12/19	3,509.52	-	21.50	0.00	3,488.02
MW - 11A	10/08/19	3,509.52	-	21.23	0.00	3,488.29
MW - 11A	11/26/19	3,509.52	-	21.00	0.00	3,488.52
MW - 11A	12/09/19	3,509.52	-	21.01	0.00	3,488.51
MW - 12	01/02/19	3,508.49	-	19.59	0.00	3,488.90
MW - 12	02/06/19	3,508.49	-	19.55	0.00	3,488.94
MW - 12	03/06/19	3,508.49	-	19.50	0.00	3,488.99
MW - 12	04/05/19	3,508.49	-	19.40	0.00	3,489.09
MW - 12	05/08/19	3,508.49	-	19.35	0.00	3,489.14
MW - 12	06/12/19	3,508.49	-	19.58	0.00	3,488.91
MW - 12	07/04/19	3,508.49	-	19.88	0.00	3,488.61
MW - 12	08/08/19	3,508.49	-	20.04	0.00	3,488.45
MW - 12	09/12/19	3,508.49	-	20.18	0.00	3,488.31
MW - 12	10/08/19	3,508.49	-	19.71	0.00	3,488.78
MW - 12	11/26/19	3,508.49	-	19.60	0.00	3,488.89
MW - 12	12/09/19	3,508.49	-	19.66	0.00	3,488.83

Corrected Groundwater Elevation = Top of Casing Elevation - (Depth to Water Below Top of Casing - (SG)(PSH Thickness)).

*MW-11 was damaged during backfill activities at TNM 97-17 during the the 4th quarter of 2012. NOVA was unable to retrieve a sample during the sampling event on 2/14/13. Attempted to resampled MW-11 on 2/26/13 and succeeded. After the 1st quarter sampling event, the well became

TABLE 2

2019 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 34 JUNCTION TO LEA
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 1	02/06/19	0.202	0.00258	0.134	0.07138	
MW - 1	05/08/19	0.304	<0.00500	0.122	0.0452	
MW - 1	08/08/19	0.285	<0.00100	0.159	0.0563	
MW - 1	11/26/19	0.207	0.00129	0.114	0.0649	
MW - 2	02/06/19	0.0264	<0.00100	0.00828	0.00621	
MW - 2	05/08/19	0.0557	<0.00100	0.0206	0.00867	
MW - 2	08/08/19	0.0259	<0.00100	0.00926	0.00417	
MW - 2	11/26/19	0.0479	<0.00100	0.0197	0.00632	
MW - 3	02/06/19	0.486	<0.0200	0.0398	0.0764	
MW - 3	05/08/19	0.246	<0.00100	0.0351	0.0582	
MW - 3	08/08/19	0.573	<0.00100	0.0291	0.0718	
MW - 3	11/26/19	0.130	0.00154	0.0186	0.0438	
MW-4A	02/06/19	0.00143	<0.00100	0.00321	0.00444	
MW-4A	05/08/19	<0.00100	<0.00100	0.00311	<0.00200	
MW-4A	08/08/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW-4A	11/26/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5A	02/06/19	0.0114	0.00146	0.00235	0.00795	
MW - 5A	05/08/19	0.0117	<0.00100	0.00139	0.00287	
MW - 5A	08/08/19	0.0382	0.00137	0.0374	0.07098	
MW - 5A	11/26/19	0.0184	<0.00100	0.00204	0.00237	
MW - 6A	02/06/19	0.391	0.00382	0.238	0.12019	
MW - 6A	05/08/19	0.912	<0.0100	0.519	0.184	
MW - 6A	08/08/19	0.528	0.00105	0.362	0.148	
MW - 6A	11/26/19	1.27	0.00126	0.292	0.161	
MW - 7A	02/06/19	0.564	<0.0200	<0.0200	<0.0400	
MW - 7A	05/08/19	0.554	<0.00500	<0.00500	0.0254	
MW - 7A	08/08/19	0.472	<0.0100	<0.0100	<0.0200	
MW - 7A	11/26/19	0.295	0.00104	0.00401	0.00886	
MW - 8	02/06/19	Not Sampled on Current Sample Schedule				
MW - 8	05/08/19	Not Sampled on Current Sample Schedule				

TABLE 2

2019 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 34 JUNCTION TO LEA
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 8	08/08/19	Not Sampled on Current Sample Schedule				
MW - 8	11/26/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	02/06/19	Not Sampled on Current Sample Schedule				
MW - 9	05/08/19	Not Sampled on Current Sample Schedule				
MW - 9	08/08/19	Not Sampled on Current Sample Schedule				
MW - 9	11/26/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	02/06/19	0.0908	<0.0200	<0.0200	<0.0400	
MW - 10	05/08/19	0.0962	<0.00100	0.00523	0.00677	
MW - 10	08/08/19	0.0498	<0.00100	0.00112	0.00201	
MW - 10	11/26/19	0.0278	<0.00100	0.00455	0.00329	
MW - 11A	02/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	05/08/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	08/08/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	11/26/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	02/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	05/08/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	08/08/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	11/26/19	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 3

2019 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 TO LEA STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0386

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	11/26/19	0.00046	0.00053	0.00040	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	0.00060	<0.000099	0.00020	0.0056	<0.000099	0.0057	0.00017	0.115			0.0051
MW-2	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/26/19	0.00013	0.00013	0.00011	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	0.00023	<0.000099	0.00012	0.0014	<0.000099	0.0014	0.00017	0.0279			0.0012
MW-4A	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5A	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6A	11/26/19	0.00014	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00016	<0.00010	<0.00010	0.0013	<0.00010	0.00091	<0.00010	0.073			0.0013
MW-7A	11/26/19	0.00027	0.00023	0.00019	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	0.00043	<0.000098	0.00014	0.00220	<0.000098	0.00260	0.00012	0.0433			0.0017
MW-8	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11A	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		

Historical Tables

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 1	02/11/03	3,508.17	-	20.13	0.00	3,488.04
MW - 1	02/27/03	3,508.17	-	19.87	0.00	3,488.30
MW - 1	05/05/04	3,508.17	-	19.66	0.00	3,488.51
MW - 1	05/25/04	3,508.17	-	19.90	0.00	3,488.27
MW - 1	06/03/04	3,508.17	-	19.86	0.00	3,488.31
MW - 1	06/15/04	3,508.17	-	19.89	0.00	3,488.28
MW - 1	07/08/04	3,508.17	-	19.83	0.00	3,488.34
MW - 1	07/26/04	3,508.17	-	19.93	0.00	3,488.24
MW - 1	09/10/04	3,508.17	-	21.16	0.00	3,487.01
MW - 1	09/21/04	3,508.17	-	20.19	0.00	3,487.98
MW - 1	10/04/04	3,508.17	-	19.46	0.00	3,488.71
MW - 1	10/15/04	3,508.17	-	19.44	0.00	3,488.73
MW - 1	11/09/04	3,508.17	-	19.61	0.00	3,488.56
MW - 1	11/16/04	3,508.17	-	19.44	0.00	3,488.73
MW - 1	12/07/04	3,508.17	-	19.37	0.00	3,488.80
MW - 1	12/17/04	3,508.17	-	19.35	0.00	3,488.82
MW - 1	01/10/05	3,508.17	-	19.21	0.00	3,488.96
MW - 1	02/21/05	3,508.17	-	19.06	0.00	3,489.11
MW - 1	03/29/05	3,508.17	-	18.87	0.00	3,489.30
MW - 1	04/22/05	3,508.17	-	18.85	0.00	3,489.32
MW - 1	05/06/05	3,508.17	-	18.74	0.00	3,489.43
MW - 1	05/11/05	3,508.17	-	18.75	0.00	3,489.42
MW - 1	07/19/05	3,508.17	-	18.73	0.00	3,489.44
MW - 1	08/16/05	3,508.17	-	18.63	0.00	3,489.54
MW - 1	10/05/05	3,508.17	-	17.18	0.00	3,490.99
MW - 1	11/15/05	3,508.17	-	18.91	0.00	3,489.26
MW - 1	02/15/06	3,508.17	-	18.53	0.00	3,489.64
MW - 1	03/13/06	3,508.17	-	18.56	0.00	3,489.61
MW - 1	03/22/06	3,508.17	NOT SAMPLED			
MW - 1	05/23/06	3,508.17	-	18.58	0.00	3,489.59
MW - 1	07/20/06	3,508.17	-	18.89	0.00	3,489.28
MW - 1	08/09/06	3,508.17	-	18.76	0.00	3,489.41
MW - 1	10/18/06	3,508.17	-	18.34	0.00	3,489.83
MW - 1	11/27/06	3,508.17	-	18.33	0.00	3,489.84
MW - 1	12/11/06	3,508.17	-	18.35	0.00	3,489.82
MW - 1	01/04/07	3,508.17	-	18.57	0.00	3,489.60
MW - 1	02/16/07	3,508.17	-	18.81	0.00	3,489.36
MW - 1	03/20/07	3,508.17	-	18.14	0.00	3,490.03
MW - 1	06/04/07	3,508.17	-	18.02	0.00	3,490.15
MW - 1	08/22/07	3,508.17	-	18.66	0.00	3,489.51
MW - 1	11/29/07	3,508.17	-	18.38	0.00	3,489.79
MW - 1	02/26/08	3,508.17	-	18.30	0.00	3,489.87
MW - 1	05/22/08	3,508.17	-	18.28	0.00	3,489.89
MW - 1	08/28/08	3,508.17	-	18.93	0.00	3,489.24
MW - 1	11/20/08	3,508.17	-	18.55	0.00	3,489.62

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 1	02/16/09	3,508.17	-	18.42	0.00	3,489.75
MW - 1	05/29/09	3,508.17	-	18.73	0.00	3,489.44
MW - 1	08/06/09	3,508.17	-	18.82	0.00	3,489.35
MW - 1	11/10/09	3,508.17	-	19.19	0.00	3,488.98
MW - 1	11/13/09	3,508.17	-	19.20	0.00	3,488.97
MW - 1	01/05/10	3,508.17	-	19.10	0.00	3,489.07
MW - 1	02/04/10	3,508.17	-	19.02	0.00	3,489.15
MW - 1	05/06/10	3,508.17	-	19.03	0.00	3,489.14
MW - 1	08/05/10	3,508.17	-	18.18	0.00	3,489.99
MW - 1	11/04/10	3,508.17	-	18.20	0.00	3,489.97
MW - 1	02/09/11	3,508.17	-	18.18	0.00	3,489.99
MW - 1	05/03/11	3,508.17	-	18.18	0.00	3,489.99
MW - 1	05/19/11	3,508.17	-	18.61	0.00	3,489.56
MW - 1	05/25/11	3,508.17	-	18.69	0.00	3,489.48
MW - 1	06/06/11	3,508.17	-	18.76	0.00	3,489.41
MW - 1	06/13/11	3,508.17	-	18.68	0.00	3,489.49
MW - 1	06/27/11	3,508.17	-	18.69	0.00	3,489.48
MW - 1	07/07/11	3,508.17	-	18.76	0.00	3,489.41
MW - 1	07/14/11	3,508.17	-	18.81	0.00	3,489.36
MW - 1	07/25/11	3,508.17	-	18.68	0.00	3,489.49
MW - 1	08/02/11	3,508.17	-	18.16	0.00	3,490.01
MW - 1	08/03/11	3,508.17	-	19.12	0.00	3,489.05
MW - 1	08/18/11	3,508.17	-	19.30	0.00	3,488.87
MW - 1	08/24/11	3,508.17	-	19.38	0.00	3,488.79
MW - 1	08/29/11	3,508.17	-	19.20	0.00	3,488.97
MW - 1	09/07/11	3,508.17	-	19.30	0.00	3,488.87
MW - 1	09/14/11	3,508.17	-	19.30	0.00	3,488.87
MW - 1	10/26/11	3,508.17	-	19.30	0.00	3,488.87
MW - 1	11/21/11	3,508.17	-	19.24	0.00	3,488.93
MW - 1	11/28/11	3,508.17	-	19.27	0.00	3,488.90
MW - 1	12/12/11	3,508.17	-	19.29	0.00	3,488.88
MW - 1	01/10/12	3,508.17	-	19.17	0.00	3,489.00
MW - 1	01/17/12	3,508.17	-	19.17	0.00	3,489.00
MW - 1	01/25/12	3,508.17	-	19.15	0.00	3,489.02
MW - 1	02/01/12	3,508.17	-	19.13	0.00	3,489.04
MW - 1	02/13/12	3,508.17	-	19.08	0.00	3,489.09
MW - 1	03/07/12	3,508.17	-	18.98	0.00	3,489.19
MW - 1	03/19/12	3,508.17	-	18.97	0.00	3,489.20
MW - 1	03/28/12	3,508.17	-	18.94	0.00	3,489.23
MW - 1	04/04/12	3,508.17	-	18.90	0.00	3,489.27
MW - 1	04/11/12	3,508.17	-	18.88	0.00	3,489.29
MW - 1	04/18/12	3,508.17	-	18.86	0.00	3,489.31
MW - 1	04/25/12	3,508.17	-	18.86	0.00	3,489.31
MW - 1	05/03/12	3,508.17	-	18.91	0.00	3,489.26
MW - 1	05/09/12	3,508.17	-	18.97	0.00	3,489.20

TABLE 1**Historical Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 1	05/16/12	3,508.17	-	18.96	0.00	3,489.21
MW - 1	05/24/12	3,508.17	-	18.90	0.00	3,489.27
MW - 1	06/01/12	3,508.17	-	18.90	0.00	3,489.27
MW - 1	06/06/12	3,508.17	-	18.89	0.00	3,489.28
MW - 1	06/14/12	3,508.17	-	18.96	0.00	3,489.21
MW - 1	06/20/12	3,508.17	-	18.95	0.00	3,489.22
MW - 1	06/26/12	3,508.17	-	18.99	0.00	3,489.18
MW - 1	07/11/12	3,508.17	-	19.19	0.00	3,488.98
MW - 1	07/18/12	3,508.17	-	19.25	0.00	3,488.92
MW - 1	08/02/12	3,508.17	-	19.34	0.00	3,488.83
MW - 1	08/07/12	3,508.17	-	19.33	0.00	3,488.84
MW - 1	08/17/12	3,508.17	-	19.39	0.00	3,488.78
MW - 1	09/06/12	3,508.17	-	19.46	0.00	3,488.71
MW - 1	09/11/12	3,508.17	-	19.50	0.00	3,488.67
MW - 1	09/25/12	3,508.17	-	19.57	0.00	3,488.60
MW - 1	10/02/12	3,508.17	-	19.58	0.00	3,488.59
MW - 1	10/09/12	3,508.17	-	19.52	0.00	3,488.65
MW - 1	10/17/12	3,508.17	-	19.46	0.00	3,488.71
MW - 1	10/24/12	3,508.17	-	19.44	0.00	3,488.73
MW - 1	11/01/12	3,508.17	-	19.40	0.00	3,488.77
MW - 1	11/14/12	3,508.17	-	19.34	0.00	3,488.83
MW - 1	02/14/13	3,508.17	-	19.16	0.00	3,489.01
MW - 1	03/19/13	3,508.17	-	19.16	0.00	3,489.01
MW - 1	04/04/13	3,508.17	-	19.13	0.00	3,489.04
MW - 1	04/09/13	3,508.17	-	19.12	0.00	3,489.05
MW - 1	04/17/13	3,508.17	-	19.10	0.00	3,489.07
MW - 1	04/23/13	3,508.17	-	19.09	0.00	3,489.08
MW - 1	04/30/13	3,508.17	-	19.04	0.00	3,489.13
MW - 1	05/08/13	3,508.17	-	19.02	0.00	3,489.15
MW - 1	05/09/13	3,508.17	-	19.06	0.00	3,489.11
MW - 1	05/14/13	3,508.17	-	19.07	0.00	3,489.10
MW - 1	05/22/13	3,508.17	-	19.06	0.00	3,489.11
MW - 1	05/29/13	3,508.17	-	19.05	0.00	3,489.12
MW - 1	06/05/13	3,508.17	-	19.11	0.00	3,489.06
MW - 1	06/11/13	3,508.17	-	19.14	0.00	3,489.03
MW - 1	06/19/13	3,508.17	-	19.17	0.00	3,489.00
MW - 1	06/28/13	3,508.17	-	19.29	0.00	3,488.88
MW - 1	07/01/13	3,508.17	-	19.31	0.00	3,488.86
MW - 1	07/11/13	3,508.17	-	19.43	0.00	3,488.74
MW - 1	07/23/13	3,508.17	-	19.44	0.00	3,488.73
MW - 1	07/30/13	3,508.17	-	19.43	0.00	3,488.74
MW - 1	08/08/13	3,508.17	-	19.33	0.00	3,488.84
MW - 1	08/14/13	3,508.17	-	19.42	0.00	3,488.75
MW - 1	08/22/13	3,508.17	-	19.46	0.00	3,488.71
MW - 1	08/27/13	3,508.17	-	19.51	0.00	3,488.66

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 1	09/05/13	3,508.17	-	19.55	0.00	3,488.62
MW - 1	09/10/13	3,508.17	-	19.61	0.00	3,488.56
MW - 1	09/17/13	3,508.17	-	19.64	0.00	3,488.53
MW - 1	09/24/13	3,508.17	-	19.63	0.00	3,488.54
MW - 1	10/07/13	3,508.17	-	19.71	0.00	3,488.46
MW - 1	10/23/13	3,508.17	-	19.62	0.00	3,488.55
MW - 1	10/30/13	3,508.17	-	19.55	0.00	3,488.62
MW - 1	11/06/13	3,508.17	-	19.53	0.00	3,488.64
MW - 1	11/14/13	3,508.17	-	19.47	0.00	3,488.70
MW - 1	11/21/13	3,508.17	-	19.45	0.00	3,488.72
MW - 1	12/12/13	3,508.17	-	19.39	0.00	3,488.78
MW - 1	12/19/13	3,508.17	-	19.36	0.00	3,488.81
MW - 1	12/24/13	3,508.17	-	19.36	0.00	3,488.81
MW - 1	01/03/14	3,508.17	-	19.33	0.00	3,488.84
MW - 1	01/06/14	3,508.17	-	19.42	0.00	3,488.75
MW - 1	01/13/14	3,508.17	-	19.41	0.00	3,488.76
MW - 1	01/21/14	3,508.17	-	19.37	0.00	3,488.80
MW - 1	01/27/14	3,508.17	-	19.37	0.00	3,488.80
MW - 1	02/05/14	3,508.39	-	19.29	0.00	3,489.10
MW - 1	02/10/14	3,508.39	-	19.33	0.00	3,489.06
MW - 1	02/24/14	3,508.39	-	19.24	0.00	3,489.15
MW - 1	03/17/14	3,508.39	-	19.20	0.00	3,489.19
MW - 1	03/25/14	3,508.39	-	19.24	0.00	3,489.15
MW - 1	04/02/14	3,508.39	-	19.21	0.00	3,489.18
MW - 1	04/16/14	3,508.39	-	19.15	0.00	3,489.24
MW - 1	04/22/14	3,508.39	-	19.15	0.00	3,489.24
MW - 1	04/29/14	3,508.39	-	19.14	0.00	3,489.25
MW - 1	05/06/14	3,508.39	-	19.13	0.00	3,489.26
MW - 1	05/07/14	3,508.39	-	19.15	0.00	3,489.24
MW - 1	05/13/14	3,508.39	-	19.16	0.00	3,489.23
MW - 1	05/21/14	3,508.39	-	19.17	0.00	3,489.22
MW - 1	05/29/14	3,508.39	-	19.19	0.00	3,489.20
MW - 1	06/05/14	3,508.39	-	19.25	0.00	3,489.14
MW - 1	06/11/14	3,508.39	-	19.33	0.00	3,489.06
MW - 1	06/24/14	3,508.39	-	19.50	0.00	3,488.89
MW - 1	07/01/14	3,508.39	-	19.58	0.00	3,488.81
MW - 1	07/08/14	3,508.39	-	19.64	0.00	3,488.75
MW - 1	07/15/14	3,508.39	-	19.66	0.00	3,488.73
MW - 1	07/22/14	3,508.39	-	19.72	0.00	3,488.67
MW - 1	07/23/14	3,508.39	-	19.72	0.00	3,488.67
MW - 1	07/31/14	3,508.39	-	19.72	0.00	3,488.67
MW - 1	08/07/14	3,508.39	-	19.73	0.00	3,488.66
MW - 1	08/13/14	3,508.39	-	19.74	0.00	3,488.65
MW - 1	08/16/14	3,508.39	-	19.76	0.00	3,488.63
MW - 1	08/20/14	3,508.39	-	19.76	0.00	3,488.63

TABLE 1**Historical Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 1	08/27/14	3,508.39	-	19.78	0.00	3,488.61
MW - 1	09/24/14	3,508.39	-	18.98	0.00	3,489.41
MW - 1	10/07/14	3,508.39	-	18.63	0.00	3,489.76
MW - 1	10/07/14	3,508.39	-	18.58	0.00	3,489.81
MW - 1	10/14/14	3,508.39	-	18.56	0.00	3,489.83
MW - 1	10/20/14	3,508.39	-	18.56	0.00	3,489.83
MW - 1	10/27/14	3,508.39	-	18.56	0.00	3,489.83
MW - 1	10/28/14	3,508.39	-	19.84	0.00	3,488.55
MW - 1	11/11/14	3,508.39	-	18.57	0.00	3,489.82
MW - 1	11/19/14	3,508.39	-	18.51	0.00	3,489.88
MW - 1	12/04/14	3,508.39	-	18.56	0.00	3,489.83
MW - 1	12/08/14	3,508.39	-	18.59	0.00	3,489.80
MW - 1	12/15/14	3,508.39	-	18.62	0.00	3,489.77
MW - 1	12/22/14	3,508.39	-	18.58	0.00	3,489.81
MW - 1	12/29/14	3,508.39	-	18.62	0.00	3,489.77
MW - 1	01/05/15	3,508.39	-	18.60	0.00	3,489.79
MW - 1	01/12/15	3,508.39	-	18.65	0.00	3,489.74
MW - 1	01/19/15	3,508.39	-	18.63	0.00	3,489.76
MW - 1	02/04/15	3,508.39	-	18.64	0.00	3,489.75
MW - 1	02/12/15	3,508.39	-	18.67	0.00	3,489.72
MW - 1	03/03/15	3,508.39	-	18.64	0.00	3,489.75
MW - 1	03/09/15	3,508.39	-	18.64	0.00	3,489.75
MW - 1	03/16/15	3,508.39	-	18.67	0.00	3,489.72
MW - 1	03/23/15	3,508.39	-	18.62	0.00	3,489.77
MW - 1	03/30/15	3,508.39	-	18.63	0.00	3,489.76
MW - 1	04/04/15	3,508.39	-	18.64	0.00	3,489.75
MW - 1	04/07/15	3,508.39	-	18.60	0.00	3,489.79
MW - 1	04/13/15	3,508.39	-	18.64	0.00	3,489.75
MW - 1	04/20/15	3,508.39	-	18.58	0.00	3,489.81
MW - 1	04/27/15	3,508.39	-	18.58	0.00	3,489.81
MW - 1	05/07/15	3,508.39	-	18.52	0.00	3,489.87
MW - 1	05/11/15	3,508.39	-	18.50	0.00	3,489.89
MW - 1	05/18/15	3,508.39	-	18.43	0.00	3,489.96
MW - 1	05/21/15	3,508.39	-	18.49	0.00	3,489.90
MW - 1	05/29/15	3,508.39	-	18.46	0.00	3,489.93
MW - 1	06/03/15	3,508.39	-	18.44	0.00	3,489.95
MW - 1	06/08/15	3,508.39	-	18.44	0.00	3,489.95
MW - 1	06/15/15	3,508.39	-	18.45	0.00	3,489.94
MW - 1	06/18/15	3,508.39	-	18.43	0.00	3,489.96
MW - 1	06/25/15	3,508.39	-	18.22	0.00	3,490.17
MW - 1	07/01/15	3,508.39	-	18.41	0.00	3,489.98
MW - 1	07/03/15	3,508.39	-	18.42	0.00	3,489.97
MW - 1	07/08/15	3,508.39	-	18.44	0.00	3,489.95
MW - 1	07/14/15	3,508.39	-	18.48	0.00	3,489.91
MW - 1	07/20/15	3,508.39	-	18.59	0.00	3,489.80

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 1	07/28/15	3,508.39	-	18.62	0.00	3,489.77
MW - 1	08/04/15	3,508.39	-	18.69	0.00	3,489.70
MW - 1	08/10/15	3,508.39	-	18.76	0.00	3,489.63
MW - 1	08/17/15	3,508.39	-	18.81	0.00	3,489.58
MW - 1	08/25/15	3,508.39	-	18.83	0.00	3,489.56
MW - 1	08/31/15	3,508.39	-	18.85	0.00	3,489.54
MW - 1	09/08/15	3,508.39	-	18.84	0.00	3,489.55
MW - 1	09/15/15	3,508.39	-	18.88	0.00	3,489.51
MW - 1	09/24/15	3,508.39	-	18.94	0.00	3,489.45
MW - 1	09/28/15	3,508.39	-	18.94	0.00	3,489.45
MW - 1	10/06/15	3,508.39	-	18.95	0.00	3,489.44
MW - 1	10/12/15	3,508.39	-	18.92	0.00	3,489.47
MW - 1	10/23/15	3,508.39	-	18.80	0.00	3,489.59
MW - 1	10/26/15	3,508.39	-	18.76	0.00	3,489.63
MW - 1	11/06/15	3,508.39	-	18.61	0.00	3,489.78
MW - 1	11/10/15	3,508.39	-	18.57	0.00	3,489.82
MW - 1	11/12/15	3,508.39	-	18.58	0.00	3,489.81
MW - 1	12/07/15	3,508.39	-	18.50	0.00	3,489.89
MW - 1	12/10/15	3,508.39	-	18.51	0.00	3,489.88
MW - 1	01/05/16	3,508.39	-	18.51	0.00	3,489.88
MW - 1	01/08/16	3,508.39	-	18.52	0.00	3,489.87
MW - 1	01/12/16	3,508.39	-	18.54	0.00	3,489.85
MW - 1	01/18/16	3,508.39	-	18.51	0.00	3,489.88
MW - 1	01/25/16	3,508.39	-	18.50	0.00	3,489.89
MW - 1	02/01/16	3,508.39	-	18.48	0.00	3,489.91
MW - 1	02/04/16	3,508.39	-	18.50	0.00	3,489.89
MW - 1	02/08/16	3,508.39	-	18.49	0.00	3,489.90
MW - 1	02/15/16	3,508.39	-	18.46	0.00	3,489.93
MW - 1	02/22/16	3,508.39	-	18.49	0.00	3,489.90
MW - 1	03/03/16	3,508.39	-	18.44	0.00	3,489.95
MW - 1	03/07/16	3,508.39	-	18.40	0.00	3,489.99
MW - 1	03/10/16	3,508.39	-	18.43	0.00	3,489.96
MW - 1	03/15/16	3,508.39	-	18.39	0.00	3,490.00
MW - 1	03/21/16	3,508.39	-	18.40	0.00	3,489.99
MW - 1	03/28/16	3,508.39	-	18.37	0.00	3,490.02
MW - 1	04/06/16	3,508.39	-	18.40	0.00	3,489.99
MW - 1	04/12/16	3,508.39	-	18.35	0.00	3,490.04
MW - 1	04/18/16	3,508.39	-	18.37	0.00	3,490.02
MW - 1	04/26/16	3,508.39	-	18.28	0.00	3,490.11
MW - 1	05/02/16	3,508.39	-	18.26	0.00	3,490.13
MW - 1	05/04/16	3,508.39	-	18.26	0.00	3,490.13
MW - 1	05/12/16	3,508.39	-	18.27	0.00	3,490.12
MW - 1	05/16/16	3,508.39	-	18.24	0.00	3,490.15
MW - 1	05/23/16	3,508.39	-	18.30	0.00	3,490.09
MW - 1	06/01/16	3,508.39	-	18.30	0.00	3,490.09

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 1	06/07/16	3,508.39	-	18.32	0.00	3,490.07
MW - 1	06/13/16	3,508.39	-	18.26	0.00	3,490.13
MW - 1	06/17/16	3,508.39	-	18.52	0.00	3,489.87
MW - 1	06/28/16	3,508.39	-	18.54	0.00	3,489.85
MW - 1	07/07/16	3,508.39	-	18.65	0.00	3,489.74
MW - 1	07/12/16	3,508.39	-	18.71	0.00	3,489.68
MW - 1	07/19/16	3,508.39	-	18.73	0.00	3,489.66
MW - 1	08/01/16	3,508.39	-	18.91	0.00	3,489.48
MW - 1	08/08/16	3,508.39	-	18.92	0.00	3,489.47
MW - 1	08/24/16	3,508.39	-	18.98	0.00	3,489.41
MW - 1	08/31/16	3,508.39	-	18.79	0.00	3,489.60
MW - 1	09/07/16	3,508.39	-	18.25	0.00	3,490.14
MW - 1	09/13/16	3,508.39	-	18.13	0.00	3,490.26
MW - 1	09/22/16	3,508.39	-	17.82	0.00	3,490.57
MW - 1	10/14/16	3,508.39	-	17.91	0.00	3,490.48
MW - 1	10/26/16	3,508.39	-	17.90	0.00	3,490.49
MW - 1	11/03/16	3,508.39	-	17.92	0.00	3,490.47
MW - 1	11/07/16	3,508.39	-	17.90	0.00	3,490.49
MW - 1	12/07/16	3,508.39	-	17.90	0.00	3,490.49
MW - 1	12/13/16	3,508.39	-	17.92	0.00	3,490.47
MW - 1	12/20/16	3,508.39	-	17.97	0.00	3,490.42
MW - 1	01/04/17	3,508.39	-	17.93	0.00	3,490.46
MW - 1	01/18/17	3,508.39	-	18.02	0.00	3,490.37
MW - 1	01/27/17	3,508.39	-	18.06	0.00	3,490.33
MW - 1	02/01/17	3,508.39	-	17.97	0.00	3,490.42
MW - 1	02/08/17	3,508.39	-	18.02	0.00	3,490.37
MW - 1	03/09/17	3,508.39	-	17.90	0.00	3,490.49
MW - 1	03/14/17	3,508.39	-	17.99	0.00	3,490.40
MW - 1	03/22/17	3,508.39	-	17.96	0.00	3,490.43
MW - 1	04/11/17	3,508.39	-	17.95	0.00	3,490.44
MW - 1	04/18/17	3,508.39	-	17.96	0.00	3,490.43
MW - 1	05/02/17	3,508.39	-	17.91	0.00	3,490.48
MW - 1	05/10/17	3,508.39	-	17.94	0.00	3,490.45
MW - 1	06/05/17	3,508.39	-	18.02	0.00	3,490.37
MW - 1	06/14/17	3,508.39	-	18.09	0.00	3,490.30
MW - 1	06/22/17	3,508.39	-	18.20	0.00	3,490.19
MW - 1	06/29/17	3,508.39	-	18.26	0.00	3,490.13
MW - 1	07/05/17	3,508.39	-	18.33	0.00	3,490.06
MW - 1	07/14/17	3,508.39	-	18.40	0.00	3,489.99
MW - 1	07/18/17	3,508.39	-	18.41	0.00	3,489.98
MW - 1	07/22/17	3,508.39	-	18.50	0.00	3,489.89
MW - 1	08/11/17	3,508.39	-	18.46	0.00	3,489.93
MW - 1	08/15/17	3,508.39	-	18.27	0.00	3,490.12
MW - 1	09/01/17	3,508.39	-	18.21	0.00	3,490.18
MW - 1	09/08/17	3,508.39	-	18.07	0.00	3,490.32

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 1	09/15/17	3,508.39	-	18.23	0.00	3,490.16
MW - 1	09/22/17	3,508.39	-	18.24	0.00	3,490.15
MW - 1	10/06/17	3,508.39	-	18.18	0.00	3,490.21
MW - 1	10/13/17	3,508.39	-	18.15	0.00	3,490.24
MW - 1	10/18/17	3,508.39	-	18.10	0.00	3,490.29
MW - 1	10/26/17	3,508.39	-	18.09	0.00	3,490.30
MW - 1	11/02/17	3,508.39	-	18.01	0.00	3,490.38
MW - 1	11/09/17	3,508.39	-	18.02	0.00	3,490.37
MW - 1	12/08/17	3,508.39	-	18.05	0.00	3,490.34
MW - 1	12/13/17	3,508.39	-	18.04	0.00	3,490.35
MW - 1	12/21/17	3,508.39	-	18.05	0.00	3,490.34
MW - 1	01/05/18	3,508.39	-	18.06	0.00	3,490.33
MW - 1	01/09/18	3,508.39	-	18.04	0.00	3,490.35
MW - 1	01/17/18	3,508.39	-	18.05	0.00	3,490.34
MW - 1	01/24/18	3,508.39	-	18.04	0.00	3,490.35
MW - 1	02/08/18	3,508.39	-	18.01	0.00	3,490.38
MW - 1	02/15/18	3,508.39	-	18.03	0.00	3,490.36
MW - 1	02/23/18	3,508.39	-	18.04	0.00	3,490.35
MW - 1	03/02/18	3,508.39	-	18.02	0.00	3,490.37
MW - 1	03/07/18	3,508.39	-	18.03	0.00	3,490.36
MW - 1	03/15/18	3,508.39	-	18.00	0.00	3,490.39
MW - 1	03/28/18	3,508.39	-	17.97	0.00	3,490.42
MW - 1	04/04/18	3,508.39	-	17.92	0.00	3,490.47
MW - 1	04/12/18	3,508.39	-	17.92	0.00	3,490.47
MW - 1	04/18/18	3,508.39	-	17.90	0.00	3,490.49
MW - 1	04/26/18	3,508.39	-	17.88	0.00	3,490.51
MW - 1	05/03/18	3,508.39	-	17.97	0.00	3,490.42
MW - 1	05/10/18	3,508.39	-	17.94	0.00	3,490.45
MW - 1	05/25/18	3,508.39	-	18.14	0.00	3,490.25
MW - 1	05/31/18	3,508.39	-	18.21	0.00	3,490.18
MW - 1	06/06/18	3,508.39	-	18.28	0.00	3,490.11
MW - 1	06/13/18	3,508.39	-	18.34	0.00	3,490.05
MW - 1	06/22/18	3,508.39	-	18.35	0.00	3,490.04
MW - 1	07/05/18	3,508.39	-	18.51	0.00	3,489.88
MW - 1	07/11/18	3,508.39	-	18.52	0.00	3,489.87
MW - 1	07/19/18	3,508.39	-	18.60	0.00	3,489.79
MW - 1	08/03/18	3,508.39	-	18.65	0.00	3,489.74
MW - 1	08/17/18	3,508.39	-	18.70	0.00	3,489.69
MW - 1	08/22/18	3,508.39	-	18.71	0.00	3,489.68
MW - 1	08/30/18	3,508.39	-	18.76	0.00	3,489.63
MW - 1	09/13/18	3,508.39	-	18.75	0.00	3,489.64
MW - 1	09/19/18	3,508.39	-	18.71	0.00	3,489.68
MW - 1	10/17/18	3,508.39	-	18.69	0.00	3,489.70
MW - 1	11/19/18	3,508.39	-	18.40	0.00	3,489.99
MW - 1	11/26/18	3,508.39	-	18.40	0.00	3,489.99

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 1	12/07/18	3,508.39	-	18.36	0.00	3,490.03
MW - 1	12/13/18	3,508.39	-	18.40	0.00	3,489.99
MW - 1	12/19/18	3,508.39	-	18.34	0.00	3,490.05
MW - 1	01/02/19	3,508.39	-	18.33	0.00	3,490.06
MW - 1	01/08/19	3,508.39	-	18.35	0.00	3,490.04
MW - 1	01/15/19	3,508.39	-	18.29	0.00	3,490.10
MW - 1	01/22/19	3,508.39	-	18.31	0.00	3,490.08
MW - 1	02/06/19	3,508.39	-	18.27	0.00	3,490.12
MW - 1	02/13/19	3,508.39	-	18.25	0.00	3,490.14
MW - 1	02/18/19	3,508.39	-	18.24	0.00	3,490.15
MW - 1	03/06/19	3,508.39	-	18.21	0.00	3,490.18
MW - 1	03/14/19	3,508.39	-	18.23	0.00	3,490.16
MW - 1	03/27/19	3,508.39	-	18.16	0.00	3,490.23
MW - 1	04/05/19	3,508.39	-	18.15	0.00	3,490.24
MW - 1	04/11/19	3,508.39	-	18.12	0.00	3,490.27
MW - 1	04/17/19	3,508.39	-	18.10	0.00	3,490.29
MW - 1	04/24/19	3,508.39	-	18.09	0.00	3,490.30
MW - 1	05/03/19	3,508.39	-	18.08	0.00	3,490.31
MW - 1	05/08/19	3,508.39	-	18.07	0.00	3,490.32
MW - 1	05/17/19	3,508.39	-	18.66	0.00	3,489.73
MW - 1	05/23/19	3,508.39	-	18.10	0.00	3,490.29
MW - 1	06/12/19	3,508.39	-	18.25	0.00	3,490.14
MW - 1	07/04/19	3,508.39	-	18.53	0.00	3,489.86
MW - 1	07/12/19	3,508.39	-	18.58	0.00	3,489.81
MW - 1	07/18/19	3,508.39	-	18.62	0.00	3,489.77
MW - 1	07/24/19	3,508.39	-	18.67	0.00	3,489.72
MW - 1	08/01/19	3,508.39	-	18.72	0.00	3,489.67
MW - 1	08/08/19	3,508.39	-	18.71	0.00	3,489.68
MW - 1	08/16/19	3,508.39	-	18.78	0.00	3,489.61
MW - 1	09/12/19	3,508.39	-	18.92	0.00	3,489.47
MW - 1	09/25/19	3,508.39	-	18.94	0.00	3,489.45
MW - 1	10/08/19	3,508.39	-	18.65	0.00	3,489.74
MW - 1	10/17/19	3,508.39	-	18.63	0.00	3,489.76
MW - 1	10/31/19	3,508.39	-	18.68	0.00	3,489.71
MW - 1	11/14/19	3,508.39	-	18.50	0.00	3,489.89
MW - 1	11/22/19	3,508.39	-	18.48	0.00	3,489.91
MW - 1	11/26/19	3,508.39	-	18.44	0.00	3,489.95
MW - 1	12/09/19	3,508.39	-	18.42	0.00	3,489.97
MW - 1	12/17/19	3,508.39	-	18.46	0.00	3,489.93
MW - 2	02/11/03	3,501.45	-	17.25	0.00	3,484.20
MW - 2	02/27/03	3,501.45	-	19.75	0.00	3,481.70
MW - 2	05/05/04	3,501.45	-	12.56	0.00	3,488.89
MW - 2	05/25/04	3,501.45	-	12.95	0.00	3,488.50
MW - 2	06/03/04	3,501.45	-	12.80	0.00	3,488.65

TABLE 1**Historical Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 2	06/15/04	3,501.45	-	12.82	0.00	3,488.63
MW - 2	07/08/04	3,501.45	-	12.70	0.00	3,488.75
MW - 2	07/26/04	3,501.45	-	12.78	0.00	3,488.67
MW - 2	09/10/04	3,501.45	-	13.05	0.00	3,488.40
MW - 2	09/21/04	3,501.45	-	13.27	0.00	3,488.18
MW - 2	10/04/04	3,501.45	-	12.11	0.00	3,489.34
MW - 2	10/15/04	3,501.45	-	12.22	0.00	3,489.23
MW - 2	11/09/04	3,501.45	-	12.71	0.00	3,488.74
MW - 2	11/16/04	3,501.45	-	12.19	0.00	3,489.26
MW - 2	12/07/04	3,501.45	-	12.27	0.00	3,489.18
MW - 2	12/17/04	3,501.45	-	12.32	0.00	3,489.13
MW - 2	01/07/05	3,501.45	-	12.13	0.00	3,489.32
MW - 2	02/21/05	3,501.45	-	11.99	0.00	3,489.46
MW - 2	03/29/05	3,501.45	-	11.68	0.00	3,489.77
MW - 2	04/22/05	3,501.45	-	11.75	0.00	3,489.70
MW - 2	05/06/05	3,501.45	-	11.64	0.00	3,489.81
MW - 2	05/11/05	3,501.45	-	11.65	0.00	3,489.80
MW - 2	07/19/05	3,501.45	-	11.62	0.00	3,489.83
MW - 2	08/16/05	3,501.45	-	11.37	0.00	3,490.08
MW - 2	10/05/05	3,501.45	-	11.71	0.00	3,489.74
MW - 2	11/15/05	3,501.45	-	11.55	0.00	3,489.90
MW - 2	02/15/06	3,501.45	-	11.45	0.00	3,490.00
MW - 2	03/13/06	3,501.45	-	11.57	0.00	3,489.88
MW - 2	03/22/06	3,501.45	NOT SAMPLED			
MW - 2	05/23/06	3,501.45	-	11.44	0.00	3,490.01
MW - 2	07/20/06	3,501.45	-	11.77	0.00	3,489.68
MW - 2	08/09/06	3,501.45	-	11.65	0.00	3,489.80
MW - 2	10/18/06	3,501.45	-	11.25	0.00	3,490.20
MW - 2	11/27/06	3,501.45	-	11.31	0.00	3,490.14
MW - 2	12/11/06	3,501.45	-	11.36	0.00	3,490.09
MW - 2	01/04/07	3,501.45	-	11.29	0.00	3,490.16
MW - 2	02/16/07	3,501.45	-	11.11	0.00	3,490.34
MW - 2	03/20/07	3,501.45	-	11.04	0.00	3,490.41
MW - 2	06/04/07	3,501.45	-	10.92	0.00	3,490.53
MW - 2	08/22/07	3,501.45	-	11.57	0.00	3,489.88
MW - 2	11/29/07	3,501.45	-	11.30	0.00	3,490.15
MW - 2	02/26/08	3,501.45	-	11.17	0.00	3,490.28
MW - 2	05/22/08	3,501.45	-	11.18	0.00	3,490.27
MW - 2	08/28/08	3,501.45	-	12.93	0.00	3,488.52
MW - 2	11/20/08	3,501.45	-	11.46	0.00	3,489.99
MW - 2	02/16/09	3,501.45	-	11.31	0.00	3,490.14
MW - 2	05/29/09	3,501.45	-	19.72	0.00	3,481.73
MW - 2	06/11/09	3,501.45	-	19.83	0.00	3,481.62
MW - 2	06/18/09	3,501.45	-	19.89	0.00	3,481.56
MW - 2	06/25/09	3,501.45	-	19.49	0.00	3,481.96

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 2	07/02/09	3,501.45	-	20.19	0.00	3,481.26
MW - 2	07/09/09	3,501.45	-	19.85	0.00	3,481.60
MW - 2	07/13/09	3,501.45	-	19.86	0.00	3,481.59
MW - 2	07/24/09	3,501.45	-	20.18	0.00	3,481.27
MW - 2	07/29/09	3,501.45	-	20.19	0.00	3,481.26
MW - 2	07/31/09	3,501.45	-	20.20	0.00	3,481.25
MW - 2	08/06/09	3,501.45	-	20.22	0.00	3,481.23
MW - 2	08/13/09	3,501.45	-	20.22	0.00	3,481.23
MW - 2	08/21/09	3,501.45	-	20.23	0.00	3,481.22
MW - 2	09/18/09	3,501.45	-	20.39	0.00	3,481.06
MW - 2	09/29/09	3,501.45	-	19.87	0.00	3,481.58
MW - 2	10/06/09	3,501.45	-	19.86	0.00	3,481.59
MW - 2	10/20/09	3,501.45	-	20.47	0.00	3,480.98
MW - 2	10/27/09	3,501.45	-	20.46	0.00	3,480.99
MW - 2	10/27/09	3,501.45	-	20.62	0.00	3,480.83
MW - 2	11/13/09	3,501.45	-	20.50	0.00	3,480.95
MW - 2	12/16/09	3,501.45	-	20.46	0.00	3,480.99
MW - 2	12/21/09	3,501.45	-	20.68	0.00	3,480.77
MW - 2	01/05/10	3,501.45	-	20.56	0.00	3,480.89
MW - 2	01/22/10	3,501.45	-	20.34	0.00	3,481.11
MW - 2	02/04/10	3,501.45	-	19.39	0.00	3,482.06
MW - 2	03/01/10	3,501.45	-	20.34	0.00	3,481.11
MW - 2	03/10/10	3,501.45	-	20.36	0.00	3,481.09
MW - 2	03/12/10	3,501.45	-	20.33	0.00	3,481.12
MW - 2	03/15/10	3,501.45	-	20.36	0.00	3,481.09
MW - 2	03/17/10	3,501.45	sheen	20.15	0.00	3,481.30
MW - 2	03/22/10	3,501.45	-	20.35	0.00	3,481.10
MW - 2	03/31/10	3,501.45	-	20.34	0.00	3,481.11
MW - 2	04/05/10	3,501.45	-	20.36	0.00	3,481.09
MW - 2	04/14/10	3,501.45	-	20.36	0.00	3,481.09
MW - 2	04/16/10	3,501.45	-	20.38	0.00	3,481.07
MW - 2	04/19/10	3,501.45	-	20.10	0.00	3,481.35
MW - 2	04/26/10	3,501.45	-	20.12	0.00	3,481.33
MW - 2	05/06/10	3,501.45	-	20.00	0.00	3,481.45
MW - 2	05/14/10	3,501.45	-	20.55	0.00	3,480.90
MW - 2	05/21/10	3,501.45	-	20.38	0.00	3,481.07
MW - 2	05/24/10	3,501.45	-	20.36	0.00	3,481.09
MW - 2	06/08/10	3,501.45	-	20.03	0.00	3,481.42
MW - 2	06/16/10	3,501.45	-	20.15	0.00	3,481.30
MW - 2	06/29/10	3,501.45	sheen	20.24	0.00	3,481.21
MW - 2	07/08/10	3,501.45	sheen	19.83	0.00	3,481.62
MW - 2	07/13/10	3,501.45	sheen	19.67	0.00	3,481.78
MW - 2	07/22/10	3,501.45	sheen	19.58	0.00	3,481.87
MW - 2	07/30/10	3,501.45	sheen	19.49	0.00	3,481.96
MW - 2	08/04/10	3,501.45	sheen	19.47	0.00	3,481.98

TABLE 1**Historical Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 2	08/05/10	3,501.45	-	19.42	0.00	3,482.03
MW - 2	08/19/10	3,501.45	sheen	19.52	0.00	3,481.93
MW - 2	08/27/10	3,501.45	sheen	19.52	0.00	3,481.93
MW - 2	09/03/10	3,501.45	sheen	19.58	0.00	3,481.87
MW - 2	09/09/10	3,501.45	-	19.59	0.00	3,481.86
MW - 2	09/17/10	3,501.45	sheen	19.52	0.00	3,481.93
MW - 2	10/01/10	3,501.45	-	19.60	0.00	3,481.85
MW - 2	10/04/10	3,501.45	-	19.59	0.00	3,481.86
MW - 2	10/13/10	3,501.45	sheen	19.77	0.00	3,481.68
MW - 2	10/19/10	3,501.45	-	19.57	0.00	3,481.88
MW - 2	10/26/10	3,501.45	-	19.54	0.00	3,481.91
MW - 2	11/04/10	3,501.45	-	19.42	0.00	3,482.03
MW - 2	11/05/10	3,501.45	sheen	19.75	0.00	3,481.70
MW - 2	11/12/10	3,501.45	sheen	19.92	0.00	3,481.53
MW - 2	11/19/10	3,501.45	sheen	19.88	0.00	3,481.57
MW - 2	12/10/10	3,501.45	sheen	31.94	0.00	3,469.51
MW - 2	12/13/10	3,501.45	-	33.82	0.00	3,467.63
MW - 2	01/20/11	3,501.45	sheen	19.49	0.00	3,481.96
MW - 2	02/09/11	3,501.45	-	19.42	0.00	3,482.03
MW - 2	05/03/11	3,501.45	-	19.42	0.00	3,482.03
MW - 2	05/19/11	3,501.45	-	19.90	0.00	3,481.55
MW - 2	05/25/11	3,501.45	-	19.96	0.00	3,481.49
MW - 2	06/06/11	3,501.45	-	20.04	0.00	3,481.41
MW - 2	06/13/11	3,501.45	-	19.98	0.00	3,481.47
MW - 2	06/27/11	3,501.45	-	20.01	0.00	3,481.44
MW - 2	07/07/11	3,501.45	-	20.26	0.00	3,481.19
MW - 2	07/14/11	3,501.45	-	20.32	0.00	3,481.13
MW - 2	07/25/11	3,501.45	-	20.20	0.00	3,481.25
MW - 2	08/02/11	3,501.45	-	19.42	0.00	3,482.03
MW - 2	08/03/11	3,501.45	-	20.43	0.00	3,481.02
MW - 2	08/18/11	3,501.45	-	20.62	0.00	3,480.83
MW - 2	08/24/11	3,501.45	-	20.68	0.00	3,480.77
MW - 2	08/29/11	3,501.45	-	20.48	0.00	3,480.97
MW - 2	09/07/11	3,501.45	-	20.64	0.00	3,480.81
MW - 2	09/14/11	3,501.45	-	20.65	0.00	3,480.80
MW - 2	10/26/11	3,501.45	-	20.64	0.00	3,480.81
MW - 2	11/21/11	3,501.45	-	20.55	0.00	3,480.90
MW - 2	11/28/11	3,501.45	-	20.57	0.00	3,480.88
MW - 2	12/12/11	3,501.45	-	20.56	0.00	3,480.89
MW - 2	01/10/12	3,501.45	-	20.51	0.00	3,480.94
MW - 2	01/17/12	3,501.45	-	19.49	0.00	3,481.96
MW - 2	01/25/12	3,501.45	-	20.49	0.00	3,480.96
MW - 2	02/01/12	3,501.45	-	20.43	0.00	3,481.02
MW - 2	02/13/12	3,501.45	-	20.36	0.00	3,481.09
MW - 2	03/07/12	3,501.45	-	20.28	0.00	3,481.17

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 2	03/19/12	3,501.45	-	20.25	0.00	3,481.20
MW - 2	03/28/12	3,501.45	-	20.20	0.00	3,481.25
MW - 2	04/04/12	3,501.45	-	20.19	0.00	3,481.26
MW - 2	04/11/12	3,501.45	-	20.17	0.00	3,481.28
MW - 2	04/18/12	3,501.45	-	20.15	0.00	3,481.30
MW - 2	04/25/12	3,501.45	-	20.15	0.00	3,481.30
MW - 2	05/03/12	3,501.45	-	20.19	0.00	3,481.26
MW - 2	05/09/12	3,501.45	-	20.22	0.00	3,481.23
MW - 2	05/16/12	3,501.45	-	20.24	0.00	3,481.21
MW - 2	05/24/12	3,501.45	-	20.21	0.00	3,481.24
MW - 2	06/01/12	3,501.45	-	20.20	0.00	3,481.25
MW - 2	06/06/12	3,501.45	-	20.18	0.00	3,481.27
MW - 2	06/14/12	3,501.45	-	20.25	0.00	3,481.20
MW - 2	06/20/12	3,501.45	-	20.26	0.00	3,481.19
MW - 2	06/26/12	3,501.45	-	20.28	0.00	3,481.17
MW - 2	07/11/12	3,501.45	-	20.47	0.00	3,480.98
MW - 2	07/18/12	3,501.45	-	20.54	0.00	3,480.91
MW - 2	08/02/12	3,501.45	-	20.63	0.00	3,480.82
MW - 2	08/07/12	3,501.45	-	20.65	0.00	3,480.80
MW - 2	08/17/12	3,501.45	-	20.32	0.00	3,481.13
MW - 2	09/06/12	3,501.45	-	20.77	0.00	3,480.68
MW - 2	09/11/12	3,501.45	-	20.80	0.00	3,480.65
MW - 2	09/25/12	3,501.45	-	20.87	0.00	3,480.58
MW - 2	10/02/12	3,501.45	-	20.89	0.00	3,480.56
MW - 2	10/09/12	3,501.45	-	20.81	0.00	3,480.64
MW - 2	10/17/12	3,501.45	-	20.74	0.00	3,480.71
MW - 2	10/24/12	3,501.45	-	20.73	0.00	3,480.72
MW - 2	11/01/12	3,501.45	-	20.69	0.00	3,480.76
MW - 2	11/14/12	3,501.45	-	20.60	0.00	3,480.85
MW - 2	02/14/13	3,501.45	-	20.47	0.00	3,480.98
MW - 2	03/19/13	3,501.45	-	20.41	0.00	3,481.04
MW - 2	04/04/13	3,501.45	-	20.37	0.00	3,481.08
MW - 2	04/09/13	3,501.45	-	20.35	0.00	3,481.10
MW - 2	04/17/13	3,501.45	-	20.36	0.00	3,481.09
MW - 2	04/23/13	3,501.45	-	20.35	0.00	3,481.10
MW - 2	04/30/13	3,501.45	-	20.33	0.00	3,481.12
MW - 2	05/08/13	3,501.45	-	20.31	0.00	3,481.14
MW - 2	05/09/13	3,501.45	-	20.32	0.00	3,481.13
MW - 2	05/14/13	3,501.45	-	20.32	0.00	3,481.13
MW - 2	05/22/13	3,501.45	-	20.29	0.00	3,481.16
MW - 2	05/29/13	3,501.45	-	20.32	0.00	3,481.13
MW - 2	06/05/13	3,501.45	-	20.36	0.00	3,481.09
MW - 2	06/11/13	3,501.45	-	20.39	0.00	3,481.06
MW - 2	06/19/13	3,501.45	-	20.41	0.00	3,481.04
MW - 2	06/28/13	3,501.45	-	19.51	0.00	3,481.94

TABLE 1**Historical Ground Water Elevation Data****Plains Marketing, L.P.****34 Junction to Lea****Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 2	07/01/13	3,501.45	-	20.61	0.00	3,480.84
MW - 2	07/11/13	3,501.45	-	20.69	0.00	3,480.76
MW - 2	07/23/13	3,501.45	-	20.71	0.00	3,480.74
MW - 2	07/30/13	3,501.45	-	20.69	0.00	3,480.76
MW - 2	08/08/13	3,501.45	-	20.61	0.00	3,480.84
MW - 2	08/14/13	3,501.45	-	20.70	0.00	3,480.75
MW - 2	08/22/13	3,501.45	-	20.75	0.00	3,480.70
MW - 2	08/27/13	3,501.45	-	20.77	0.00	3,480.68
MW - 2	09/05/13	3,501.45	-	20.84	0.00	3,480.61
MW - 2	09/10/13	3,501.45	-	20.91	0.00	3,480.54
MW - 2	09/17/13	3,501.45	-	20.94	0.00	3,480.51
MW - 2	09/24/13	3,501.45	-	20.80	0.00	3,480.65
MW - 2	10/07/13	3,501.45	-	20.98	0.00	3,480.47
MW - 2	10/23/13	3,501.45	-	20.86	0.00	3,480.59
MW - 2	10/30/13	3,501.45	-	20.86	0.00	3,480.59
MW - 2	11/06/13	3,501.45	-	20.83	0.00	3,480.62
MW - 2	11/14/13	3,501.45	-	20.73	0.00	3,480.72
MW - 2	11/21/13	3,501.45	-	20.73	0.00	3,480.72
MW - 2	12/12/13	3,501.45	-	20.67	0.00	3,480.78
MW - 2	12/19/13	3,501.45	-	20.63	0.00	3,480.82
MW - 2	12/24/13	3,501.45	-	20.62	0.00	3,480.83
MW - 2	01/03/14	3,501.45	-	20.59	0.00	3,480.86
MW - 2	01/06/14	3,501.45	-	21.71	0.00	3,479.74
MW - 2	01/13/14	3,501.45	-	19.66	0.00	3,481.79
MW - 2	01/21/14	3,501.45	-	20.65	0.00	3,480.80
MW - 2	01/27/14	3,501.45	-	20.65	0.00	3,480.80
MW - 2	02/05/14	3,509.87	-	20.58	0.00	3,489.29
MW - 2	02/10/14	3,509.87	-	20.56	0.00	3,489.31
MW - 2	02/24/14	3,509.87	-	20.51	0.00	3,489.36
MW - 2	03/17/14	3,509.87	-	20.48	0.00	3,489.39
MW - 2	03/25/14	3,509.87	-	20.48	0.00	3,489.39
MW - 2	04/02/14	3,509.87	-	20.45	0.00	3,489.42
MW - 2	04/16/14	3,509.87	-	20.40	0.00	3,489.47
MW - 2	04/22/14	3,509.87	-	20.39	0.00	3,489.48
MW - 2	04/29/14	3,509.87	-	20.43	0.00	3,489.44
MW - 2	05/06/14	3,509.87	-	20.37	0.00	3,489.50
MW - 2	05/07/14	3,509.87	-	20.39	0.00	3,489.48
MW - 2	05/13/14	3,509.87	-	20.42	0.00	3,489.45
MW - 2	05/21/14	3,509.87	-	20.41	0.00	3,489.46
MW - 2	05/29/14	3,509.87	-	20.45	0.00	3,489.42
MW - 2	06/05/14	3,509.87	-	20.52	0.00	3,489.35
MW-2	06/11/14	3,509.87	-	20.59	0.00	3,489.28
MW-2	06/16/14	3,509.87	-	20.66	0.00	3,489.21
MW-2	06/24/14	3,509.87	-	20.76	0.00	3,489.11
MW-2	07/01/14	3,509.87	-	20.86	0.00	3,489.01

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW-2	07/08/14	3,509.87	-	20.88	0.00	3,488.99
MW-2	07/15/14	3,509.87	-	20.93	0.00	3,488.94
MW-2	07/22/14	3,509.87	-	20.98	0.00	3,488.89
MW-2	07/23/14	3,509.87	-	20.98	0.00	3,488.89
MW-2	07/31/14	3,509.87	-	20.99	0.00	3,488.88
MW-2	08/07/14	3,509.87	-	21.03	0.00	3,488.84
MW-2	08/13/14	3,509.87	-	21.02	0.00	3,488.85
MW-2	08/16/14	3,509.87	-	21.50	0.00	3,488.37
MW-2	08/20/14	3,509.87	-	21.06	0.00	3,488.81
MW-2	08/27/14	3,509.87	-	21.09	0.00	3,488.78
MW-2	09/24/14	3,509.87	-	20.23	0.00	3,489.64
MW-2	10/01/14	3,509.87	-	19.95	0.00	3,489.92
MW-2	10/07/14	3,509.87	-	19.89	0.00	3,489.98
MW-2	10/14/14	3,509.87	-	19.82	0.00	3,490.05
MW-2	10/20/14	3,509.87	-	19.85	0.00	3,490.02
MW-2	10/27/14	3,509.87	-	19.85	0.00	3,490.02
MW-2	10/28/14	3,509.87	-	20.21	0.00	3,489.66
MW-2	11/11/14	3,509.87	-	19.88	0.00	3,489.99
MW-2	11/19/14	3,509.87	-	19.79	0.00	3,490.08
MW-2	12/04/14	3,509.87	-	19.85	0.00	3,490.02
MW-2	12/08/14	3,509.87	-	19.87	0.00	3,490.00
MW-2	12/15/14	3,509.87	-	19.90	0.00	3,489.97
MW-2	12/22/14	3,509.87	-	19.86	0.00	3,490.01
MW-2	12/29/14	3,509.87	-	19.87	0.00	3,490.00
MW-2	01/05/15	3,509.87	-	19.89	0.00	3,489.98
MW-2	01/12/15	3,509.87	-	19.93	0.00	3,489.94
MW-2	01/19/15	3,509.87	-	19.89	0.00	3,489.98
MW-2	02/04/15	3,509.87	-	19.92	0.00	3,489.95
MW-2	02/12/15	3,509.87	-	19.93	0.00	3,489.94
MW-2	02/12/15	3,509.87	-	19.89	0.00	3,489.98
MW-2	03/03/15	3,509.87	-	19.89	0.00	3,489.98
MW-2	03/09/15	3,509.87	-	19.89	0.00	3,489.98
MW-2	03/16/15	3,509.87	-	19.89	0.00	3,489.98
MW-2	03/23/15	3,509.87	-	19.89	0.00	3,489.98
MW-2	03/30/15	3,509.87	-	19.88	0.00	3,489.99
MW-2	04/04/15	3,509.87	-	19.90	0.00	3,489.97
MW-2	04/07/15	3,509.87	-	19.87	0.00	3,490.00
MW-2	04/13/15	3,509.87	-	19.87	0.00	3,490.00
MW-2	04/20/15	3,509.87	-	19.84	0.00	3,490.03
MW-2	04/27/15	3,509.87	-	19.85	0.00	3,490.02
MW-2	05/07/15	3,509.87	-	19.78	0.00	3,490.09
MW-2	05/11/15	3,509.87	-	19.77	0.00	3,490.10
MW-2	05/18/15	3,509.87	-	19.73	0.00	3,490.14
MW-2	05/21/15	3,509.87	-	19.75	0.00	3,490.12
MW-2	05/29/15	3,509.87	-	19.72	0.00	3,490.15

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW-2	06/03/15	3,509.87	-	19.68	0.00	3,490.19
MW-2	06/08/15	3,509.87	-	19.69	0.00	3,490.18
MW-2	06/15/15	3,509.87	-	19.72	0.00	3,490.15
MW-2	06/18/15	3,509.87	-	19.68	0.00	3,490.19
MW-2	06/25/15	3,509.87	-	19.70	0.00	3,490.17
MW-2	07/01/15	3,509.87	-	19.66	0.00	3,490.21
MW-2	07/03/15	3,509.87	-	19.69	0.00	3,490.18
MW-2	07/08/15	3,509.87	-	19.70	0.00	3,490.17
MW-2	07/14/15	3,509.87	-	19.74	0.00	3,490.13
MW-2	07/20/15	3,509.87	-	19.79	0.00	3,490.08
MW-2	07/28/15	3,509.87	-	19.88	0.00	3,489.99
MW-2	08/04/15	3,509.87	-	19.95	0.00	3,489.92
MW-2	08/10/15	3,509.87	-	20.02	0.00	3,489.85
MW-2	08/17/15	3,509.87	-	20.06	0.00	3,489.81
MW-2	08/25/15	3,509.87	-	20.11	0.00	3,489.76
MW-2	08/31/15	3,509.87	-	20.16	0.00	3,489.71
MW-2	09/08/15	3,509.87	-	20.10	0.00	3,489.77
MW-2	09/15/15	3,509.87	-	20.15	0.00	3,489.72
MW-2	09/24/15	3,509.87	-	20.21	0.00	3,489.66
MW-2	09/28/15	3,509.87	-	20.21	0.00	3,489.66
MW-2	10/06/15	3,509.87	-	20.22	0.00	3,489.65
MW-2	10/12/15	3,509.87	-	20.18	0.00	3,489.69
MW-2	10/23/15	3,509.87	-	20.05	0.00	3,489.82
MW-2	10/26/15	3,509.87	-	20.00	0.00	3,489.87
MW-2	11/06/15	3,509.87	-	19.89	0.00	3,489.98
MW-2	11/10/15	3,509.87	-	19.85	0.00	3,490.02
MW-2	11/12/15	3,509.87	-	19.88	0.00	3,489.99
MW-2	12/07/15	3,509.87	-	19.78	0.00	3,490.09
MW-2	12/10/15	3,509.87	-	19.79	0.00	3,490.08
MW-2	01/05/16	3,509.87	-	19.77	0.00	3,490.10
MW-2	01/08/16	3,509.87	-	19.76	0.00	3,490.11
MW-2	01/12/16	3,509.87	-	19.80	0.00	3,490.07
MW-2	01/18/16	3,509.87	-	19.76	0.00	3,490.11
MW-2	01/25/16	3,509.87	-	19.77	0.00	3,490.10
MW-2	02/01/16	3,509.87	-	19.71	0.00	3,490.16
MW-2	02/04/16	3,509.87	-	19.76	0.00	3,490.11
MW-2	02/08/16	3,509.87	-	19.82	0.00	3,490.05
MW-2	02/15/16	3,509.87	-	19.74	0.00	3,490.13
MW-2	02/22/16	3,509.87	-	19.76	0.00	3,490.11
MW-2	03/03/16	3,509.87	-	19.70	0.00	3,490.17
MW-2	03/07/16	3,509.87	-	19.70	0.00	3,490.17
MW-2	03/10/16	3,509.87	-	19.69	0.00	3,490.18
MW-2	03/15/16	3,509.87	-	19.66	0.00	3,490.21
MW-2	03/21/16	3,509.87	-	19.63	0.00	3,490.24
MW-2	03/28/16	3,509.87	-	19.64	0.00	3,490.23

TABLE 1**Historical Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW-2	04/06/16	3,509.87	-	19.66	0.00	3,490.21
MW-2	04/12/16	3,509.87	-	19.63	0.00	3,490.24
MW-2	04/18/16	3,509.87	-	19.62	0.00	3,490.25
MW-2	04/26/16	3,509.87	-	19.55	0.00	3,490.32
MW-2	05/02/16	3,509.87	-	19.55	0.00	3,490.32
MW-2	05/04/16	3,509.87	-	19.54	0.00	3,490.33
MW-2	05/12/16	3,509.87	-	19.55	0.00	3,490.32
MW-2	05/16/16	3,509.87	-	19.51	0.00	3,490.36
MW-2	05/23/16	3,509.87	-	19.58	0.00	3,490.29
MW-2	06/01/16	3,509.87	-	19.57	0.00	3,490.30
MW-2	06/07/16	3,509.87	-	19.60	0.00	3,490.27
MW-2	06/13/16	3,509.87	-	19.57	0.00	3,490.30
MW-2	06/17/16	3,509.87	-	19.77	0.00	3,490.10
MW-2	06/28/16	3,509.87	-	19.86	0.00	3,490.01
MW-2	07/07/16	3,509.87	-	19.92	0.00	3,489.95
MW-2	07/12/16	3,509.87	-	19.98	0.00	3,489.89
MW-2	07/19/16	3,509.87	-	20.05	0.00	3,489.82
MW-2	08/01/16	3,509.87	-	20.18	0.00	3,489.69
MW-2	08/08/16	3,509.87	-	20.23	0.00	3,489.64
MW-2	08/24/16	3,509.87	-	20.28	0.00	3,489.59
MW-2	08/31/16	3,509.87	-	20.13	0.00	3,489.74
MW-2	09/07/16	3,509.87	-	19.59	0.00	3,490.28
MW-2	09/13/16	3,509.87	-	19.49	0.00	3,490.38
MW-2	09/22/16	3,509.87	-	19.15	0.00	3,490.72
MW-2	10/14/16	3,509.87	-	19.11	0.00	3,490.76
MW-2	10/26/16	3,509.87	-	19.12	0.00	3,490.75
MW-2	11/03/16	3,509.87	-	19.16	0.00	3,490.71
MW-2	11/07/16	3,509.87	-	19.17	0.00	3,490.70
MW-2	12/07/16	3,509.87	-	19.21	0.00	3,490.66
MW-2	12/13/16	3,509.87	-	19.20	0.00	3,490.67
MW-2	12/20/16	3,509.87	-	19.23	0.00	3,490.64
MW-2	01/04/17	3,509.87	-	19.20	0.00	3,490.67
MW-2	01/18/17	3,509.87	-	19.22	0.00	3,490.65
MW-2	01/27/17	3,509.87	-	19.33	0.00	3,490.54
MW-2	02/01/17	3,509.87	-	19.24	0.00	3,490.63
MW-2	02/08/17	3,509.87	-	19.26	0.00	3,490.61
MW-2	03/09/17	3,509.87	-	19.18	0.00	3,490.69
MW-2	03/14/17	3,509.87	-	19.21	0.00	3,490.66
MW-2	03/22/17	3,509.87	-	19.20	0.00	3,490.67
MW-2	04/11/17	3,509.87	-	19.19	0.00	3,490.68
MW-2	04/18/17	3,509.87	-	19.14	0.00	3,490.73
MW-2	05/02/17	3,509.87	-	19.13	0.00	3,490.74
MW-2	05/10/17	3,509.87	-	19.16	0.00	3,490.71
MW-2	06/05/17	3,509.87	-	19.27	0.00	3,490.60
MW-2	06/14/17	3,509.87	-	19.38	0.00	3,490.49

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW-2	06/22/17	3,509.87	-	19.46	0.00	3,490.41
MW-2	06/29/17	3,509.87	-	19.54	0.00	3,490.33
MW-2	07/05/17	3,509.87	-	19.59	0.00	3,490.28
MW-2	07/14/17	3,509.87	-	19.67	0.00	3,490.20
MW-2	07/18/17	3,509.87	-	19.69	0.00	3,490.18
MW-2	07/22/17	3,509.87	-	19.71	0.00	3,490.16
MW-2	08/11/17	3,509.87	-	19.70	0.00	3,490.17
MW-2	08/15/17	3,509.87	-	19.59	0.00	3,490.28
MW-2	09/01/17	3,509.87	-	19.47	0.00	3,490.40
MW-2	09/08/17	3,509.87	-	19.45	0.00	3,490.42
MW-2	09/15/17	3,509.87	-	19.48	0.00	3,490.39
MW-2	09/22/17	3,509.87	-	19.52	0.00	3,490.35
MW-2	10/06/17	3,509.87	-	19.40	0.00	3,490.47
MW-2	10/13/17	3,509.87	-	19.40	0.00	3,490.47
MW-2	10/18/17	3,509.87	-	19.37	0.00	3,490.50
MW-2	10/26/17	3,509.87	-	19.32	0.00	3,490.55
MW-2	11/02/17	3,509.87	-	19.34	0.00	3,490.53
MW-2	11/09/17	3,509.87	-	19.31	0.00	3,490.56
MW-2	12/08/17	3,509.87	-	19.34	0.00	3,490.53
MW-2	12/13/17	3,509.87	-	19.26	0.00	3,490.61
MW-2	12/21/17	3,509.87	-	19.30	0.00	3,490.57
MW-2	01/05/18	3,509.87	-	19.30	0.00	3,490.57
MW-2	01/09/18	3,509.87	-	19.27	0.00	3,490.60
MW-2	01/17/18	3,509.87	-	19.33	0.00	3,490.54
MW-2	01/24/18	3,509.87	-	19.33	0.00	3,490.54
MW-2	02/08/18	3,509.87	-	19.28	0.00	3,490.59
MW-2	02/15/18	3,509.87	-	19.28	0.00	3,490.59
MW-2	02/23/18	3,509.87	-	19.26	0.00	3,490.61
MW-2	03/02/18	3,509.87	-	19.22	0.00	3,490.65
MW-2	03/07/18	3,509.87	-	19.22	0.00	3,490.65
MW-2	03/15/18	3,509.87	-	19.21	0.00	3,490.66
MW-2	03/28/18	3,509.87	-	19.22	0.00	3,490.65
MW-2	04/04/18	3,509.87	-	19.25	0.00	3,490.62
MW-2	04/12/18	3,509.87	-	19.16	0.00	3,490.71
MW-2	04/18/18	3,509.87	-	19.19	0.00	3,490.68
MW-2	04/26/18	3,509.87	-	19.19	0.00	3,490.68
MW-2	05/03/18	3,509.87	-	19.23	0.00	3,490.64
MW-2	05/10/18	3,509.87	-	19.20	0.00	3,490.67
MW-2	05/25/18	3,509.87	-	19.39	0.00	3,490.48
MW-2	05/31/18	3,509.87	-	19.48	0.00	3,490.39
MW-2	06/06/18	3,509.87	-	19.51	0.00	3,490.36
MW-2	06/13/18	3,509.87	-	19.59	0.00	3,490.28
MW-2	06/22/18	3,509.87	-	19.63	0.00	3,490.24
MW-2	07/05/18	3,509.87	-	19.77	0.00	3,490.10
MW-2	07/11/18	3,509.87	-	19.78	0.00	3,490.09

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW-2	07/19/18	3,509.87	-	19.81	0.00	3,490.06
MW-2	08/03/18	3,509.87	-	19.94	0.00	3,489.93
MW-2	08/17/18	3,509.87	-	20.01	0.00	3,489.86
MW-2	08/22/18	3,509.87	-	20.01	0.00	3,489.86
MW-2	08/30/18	3,509.87	-	20.05	0.00	3,489.82
MW-2	09/13/18	3,509.87	-	20.05	0.00	3,489.82
MW-2	09/19/18	3,509.87	-	19.97	0.00	3,489.90
MW-2	11/19/18	3,509.87	-	19.69	0.00	3,490.18
MW-2	11/26/18	3,509.87	-	19.68	0.00	3,490.19
MW-2	12/07/18	3,509.87	-	19.66	0.00	3,490.21
MW-2	12/13/18	3,509.87	-	19.69	0.00	3,490.18
MW-2	12/19/18	3,509.87	-	19.65	0.00	3,490.22
MW-2	01/02/19	3,509.87	-	19.62	0.00	3,490.25
MW-2	01/08/19	3,509.87	-	19.66	0.00	3,490.21
MW-2	01/15/19	3,509.87	-	19.58	0.00	3,490.29
MW-2	01/22/19	3,509.87	-	19.63	0.00	3,490.24
MW-2	02/06/19	3,509.87	-	19.53	0.00	3,490.34
MW-2	02/13/19	3,509.87	-	19.51	0.00	3,490.36
MW-2	03/06/19	3,509.87	-	19.47	0.00	3,490.40
MW-2	03/27/19	3,509.87	-	19.43	0.00	3,490.44
MW-2	04/05/19	3,509.87	-	19.43	0.00	3,490.44
MW-2	04/11/19	3,509.87	-	19.41	0.00	3,490.46
MW-2	04/17/19	3,509.87	-	19.38	0.00	3,490.49
MW-2	05/03/19	3,509.87	-	19.35	0.00	3,490.52
MW-2	05/08/19	3,509.87	-	19.32	0.00	3,490.55
MW-2	05/17/19	3,509.87	-	19.33	0.00	3,490.54
MW-2	06/12/19	3,509.87	-	19.53	0.00	3,490.34
MW-2	07/04/19	3,509.87	-	19.82	0.00	3,490.05
MW-2	07/12/19	3,509.87	-	19.86	0.00	3,490.01
MW-2	07/18/19	3,509.87	-	19.89	0.00	3,489.98
MW-2	08/08/19	3,509.87	-	20.00	0.00	3,489.87
MW-2	09/12/19	3,509.87	-	20.20	0.00	3,489.67
MW-2	10/08/19	3,509.87	-	19.99	0.00	3,489.88
MW-2	11/26/19	3,509.87	-	19.42	0.00	3,490.45
MW-2	12/09/19	3,509.87	-	19.72	0.00	3,490.15
MW-2	12/17/19	3,509.87	-	19.76	0.00	3,490.11
MW - 3	02/11/03	3,495.97	17.10	17.77	0.67	3,478.77
MW - 3	02/27/03	3,495.97	16.64	19.15	2.51	3,478.95
MW - 3	03/19/03	3,495.97	16.63	19.50	2.87	3,478.91
MW - 3	04/03/03	3,495.97	16.65	19.47	2.82	3,478.90
MW - 3	04/11/03	3,495.97	16.65	19.48	2.83	3,478.90
MW - 3	04/21/03	3,495.97	16.62	18.98	2.36	3,479.00
MW - 3	04/30/03	3,495.97	6.98	8.67	1.69	3,488.74
MW - 3	05/05/03	3,495.97	6.93	8.63	1.70	3,488.79

TABLE 1**Historical Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	06/18/03	3,495.97	7.24	8.15	0.91	3,488.59
MW - 3	07/09/03	3,495.97	7.49	8.18	0.69	3,488.38
MW - 3	07/21/03	3,495.97	7.49	8.19	0.70	3,488.38
MW - 3	08/12/03	3,495.97	7.50	8.20	0.70	3,488.37
MW - 3	08/18/03	3,495.97	7.47	8.19	0.72	3,488.39
MW - 3	09/03/03	3,495.97	7.96	8.52	0.56	3,487.93
MW - 3	09/19/03	3,495.97	7.97	8.51	0.54	3,487.92
MW - 3	10/02/03	3,495.97	7.95	8.50	0.55	3,487.94
MW - 3	11/03/03	3,495.97	8.15	8.65	0.50	3,487.75
MW - 3	11/13/03	3,495.97	8.14	8.51	0.37	3,487.77
MW - 3	11/25/03	3,495.97	8.15	8.50	0.35	3,487.77
MW - 3	12/02/03	3,495.97	8.15	8.20	0.05	3,487.81
MW - 3	12/10/03	3,495.97	8.13	8.16	0.03	3,487.84
MW - 3	01/02/04	3,495.97	8.05	8.08	0.03	3,487.92
MW - 3	01/30/04	3,495.97	8.22	8.24	0.02	3,487.75
MW - 3	02/06/04	3,495.97	8.23	8.24	0.01	3,487.74
MW - 3	05/05/04	3,495.97	-	7.16	0.00	3,488.81
MW - 3	05/25/04	3,495.97	9.92	9.94	0.02	3,486.05
MW - 3	06/03/04	3,495.97	-	9.84	0.00	3,486.13
MW - 3	06/15/04	3,495.97	-	9.73	0.00	3,486.24
MW - 3	07/08/04	3,495.97	-	9.70	0.00	3,486.27
MW - 3	07/26/04	3,495.97	-	9.73	0.00	3,486.24
MW - 3	09/10/04	3,495.97	-	10.18	0.00	3,485.79
MW - 3	09/21/04	3,495.97	-	10.11	0.00	3,485.86
MW - 3	10/04/04	3,495.97	-	9.25	0.00	3,486.72
MW - 3	10/15/04	3,495.97	9.13	9.16	0.03	3,486.84
MW - 3	11/09/04	3,495.97	-	9.60	0.00	3,486.37
MW - 3	11/16/04	3,495.97	-	6.15	0.00	3,489.82
MW - 3	12/07/04	3,495.97	-	9.18	0.00	3,486.79
MW - 3	12/17/04	3,495.97	-	9.36	0.00	3,486.61
MW - 3	01/07/05	3,495.97	-	9.22	0.00	3,486.75
MW - 3	02/21/05	3,495.97	-	9.00	0.00	3,486.97
MW - 3	03/29/05	3,495.97	-	8.65	0.00	3,487.32
MW - 3	04/22/05	3,495.97	-	8.80	0.00	3,487.17
MW - 3	05/06/05	3,495.97	-	8.96	0.00	3,487.01
MW - 3	05/11/05	3,495.97	-	8.91	0.00	3,487.06
MW - 3	07/19/05	3,495.97	8.54	8.55	0.01	3,487.43
MW - 3	08/16/05	3,495.97	-	8.50	0.00	3,487.47
MW - 3	10/05/05	3,495.97	-	8.65	0.00	3,487.32
MW - 3	11/15/05	3,495.97	-	8.46	0.00	3,487.51
MW - 3	02/15/06	3,495.97	-	5.46	0.00	3,490.51
MW - 3	03/13/06	3,495.97	-	9.20	0.00	3,486.77
MW - 3	03/22/06	3,495.97	NOT SAMPLED			
MW - 3	05/23/06	3,495.97	-	8.52	0.00	3,487.45
MW - 3	07/20/06	3,495.97	-	8.85	0.00	3,487.12

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	08/09/06	3,495.97	NOT SAMPLED			
MW - 3	10/18/06	3,495.97	-	8.65	0.00	3,487.32
MW - 3	11/27/06	3,495.97	-	8.81	0.00	3,487.16
MW - 3	12/11/06	3,495.97	-	9.19	0.00	3,486.78
MW - 3	01/04/07	3,495.97	-	8.21	0.00	3,487.76
MW - 3	02/16/07	3,495.97		8.01	0.00	3,487.96
MW - 3	03/20/07	3,495.97	-	7.89	0.00	3,488.08
MW - 3	06/04/07	3,495.97	-	7.78	0.00	3,488.19
MW - 3	08/22/07	3,495.97	8.44	8.48	0.04	3,487.52
MW - 3	10/10/07	3,495.97	-	8.32	0.00	3,487.65
MW - 3	11/29/07	3,495.97	-	8.29	0.00	3,487.68
MW - 3	02/26/08	3,495.97	-	8.34	0.00	3,487.63
MW - 3	04/25/08	3,495.97	-	8.34	0.00	3,487.63
MW - 3	05/22/08	3,495.97	-	-	-	-
MW - 3	08/19/08	3,495.97	-	8.44	0.00	3,487.53
MW - 3	08/28/08	3,495.97	8.72	8.74	0.02	3,487.25
MW - 3	09/12/08	3,495.97	-	8.38	0.00	3,487.59
MW - 3	09/25/08	3,495.97	-	8.54	0.00	3,487.43
MW - 3	09/30/08	3,495.97	-	8.60	0.00	3,487.37
MW - 3	10/09/08	3,495.97	-	8.55	0.00	3,487.42
MW - 3	10/23/08	3,495.97	-	8.37	0.00	3,487.60
MW - 3	10/28/08	3,495.97	-	8.40	0.00	3,487.57
MW - 3	11/20/08	3,495.97	-	8.50	0.00	3,487.47
MW - 3	12/03/08	3,495.97	-	8.73	0.00	3,487.24
MW - 3	12/16/08	3,495.97	-	8.31	0.00	3,487.66
MW - 3	12/19/08	3,495.97	-	8.31	0.00	3,487.66
MW - 3	12/29/08	3,495.97	-	0.00	0.00	3,495.97
MW - 3	01/07/09	3,495.97	-	8.30	0.00	3,487.67
MW - 3	02/16/09	3,495.97	-	8.29	0.00	3,487.68
MW - 3	05/29/09	3,495.97	-	20.26	0.00	3,475.71
MW - 3	06/11/09	3,495.97	-	20.35	0.00	3,475.62
MW - 3	06/18/09	3,495.97	-	20.42	0.00	3,475.55
MW - 3	06/25/09	3,495.97	-	20.66	0.00	3,475.31
MW - 3	07/02/09	3,495.97	-	20.80	0.00	3,475.17
MW - 3	07/09/09	3,495.97	-	20.37	0.00	3,475.60
MW - 3	07/13/09	3,495.97	-	20.39	0.00	3,475.58
MW - 3	07/24/09	3,495.97	-	20.88	0.00	3,475.09
MW - 3	07/29/09	3,495.97	-	20.78	0.00	3,475.19
MW - 3	07/31/09	3,495.97	-	20.81	0.00	3,475.16
MW - 3	08/06/09	3,495.97	-	20.80	0.00	3,475.17
MW - 3	08/13/09	3,495.97	-	20.85	0.00	3,475.12
MW - 3	08/21/09	3,495.97	-	21.00	0.00	3,474.97
MW - 3	09/18/09	3,495.97	-	20.97	0.00	3,475.00
MW - 3	09/29/09	3,495.97	-	20.39	0.00	3,475.58
MW - 3	10/06/09	3,495.97	-	20.38	0.00	3,475.59

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	10/20/09	3,495.97	-	21.09	0.00	3,474.88
MW - 3	10/27/09	3,495.97	-	21.11	0.00	3,474.86
MW - 3	11/10/09	3,495.97	-	21.21	0.00	3,474.76
MW - 3	11/13/09	3,495.97	-	21.02	0.00	3,474.95
MW - 3	12/16/09	3,495.97	-	21.33	0.00	3,474.64
MW - 3	12/21/09	3,495.97	-	21.27	0.00	3,474.70
MW - 3	01/05/10	3,495.97	-	21.34	0.00	3,474.63
MW - 3	01/22/10	3,495.97	-	21.02	0.00	3,474.95
MW - 3	02/04/10	3,495.97	-	21.06	0.00	3,474.91
MW - 3	03/01/10	3,495.97	-	21.03	0.00	3,474.94
MW - 3	03/10/10	3,495.97	-	21.06	0.00	3,474.91
MW - 3	03/12/10	3,495.97	-	20.95	0.00	3,475.02
MW - 3	03/15/10	3,495.97	-	20.97	0.00	3,475.00
MW - 3	03/17/10	3,495.97	sheen	20.72	0.00	3,475.25
MW - 3	03/22/10	3,495.97	-	21.08	0.00	3,474.89
MW - 3	03/31/10	3,495.97	-	20.93	0.00	3,475.04
MW - 3	04/05/10	3,495.97	-	21.05	0.00	3,474.92
MW - 3	04/14/10	3,495.97	-	20.92	0.00	3,475.05
MW - 3	04/16/10	3,495.97	-	21.08	0.00	3,474.89
MW - 3	04/19/10	3,495.97	-	20.74	0.00	3,475.23
MW - 3	04/26/10	3,495.97	-	20.75	0.00	3,475.22
MW - 3	05/06/10	3,495.97	-	20.57	0.00	3,475.40
MW - 3	05/14/10	3,495.97	-	20.02	0.00	3,475.95
MW - 3	05/21/10	3,495.97	-	21.08	0.00	3,474.89
MW - 3	05/24/10	3,495.97	-	21.09	0.00	3,474.88
MW - 3	06/08/10	3,495.97	sheen	20.58	0.00	3,475.39
MW - 3	06/16/10	3,495.97	sheen	20.67	0.00	3,475.30
MW - 3	06/29/10	3,495.97	sheen	20.84	0.00	3,475.13
MW - 3	07/08/10	3,495.97	sheen	20.51	0.00	3,475.46
MW - 3	07/13/10	3,495.97	sheen	20.36	0.00	3,475.61
MW - 3	07/22/10	3,495.97	sheen	20.23	0.00	3,475.74
MW - 3	07/30/10	3,495.97	sheen	20.04	0.00	3,475.93
MW - 3	08/04/10	3,495.97	sheen	20.01	0.00	3,475.96
MW - 3	08/05/10	3,495.97	-	20.02	0.00	3,475.95
MW - 3	08/19/10	3,495.97	sheen	20.10	0.00	3,475.87
MW - 3	08/27/10	3,495.97	sheen	20.09	0.00	3,475.88
MW - 3	09/03/10	3,495.97	sheen	20.12	0.00	3,475.85
MW - 3	09/09/10	3,495.97	-	20.12	0.00	3,475.85
MW - 3	09/17/10	3,495.97	sheen	20.08	0.00	3,475.89
MW - 3	10/01/10	3,495.97	-	20.12	0.00	3,475.85
MW - 3	10/04/10	3,495.97	-	20.11	0.00	3,475.86
MW - 3	10/13/10	3,495.97	sheen	20.29	0.00	3,475.68
MW - 3	10/19/10	3,495.97	-	20.10	0.00	3,475.87
MW - 3	10/26/10	3,495.97	-	20.08	0.00	3,475.89
MW - 3	11/04/10	3,495.97	-	20.05	0.00	3,475.92

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	11/05/10	3,495.97	sheen	20.12	0.00	3,475.85
MW - 3	11/12/10	3,495.97	sheen	20.57	0.00	3,475.40
MW - 3	11/19/10	3,495.97	sheen	20.44	0.00	3,475.53
MW - 3	12/10/10	3,495.97	sheen	30.26	0.00	3,465.71
MW - 3	12/13/10	3,495.97	-	30.51	0.00	3,465.46
MW - 3	01/20/11	3,495.97	sheen	20.06	0.00	3,475.91
MW - 3	02/09/11	3,495.97	-	20.00	0.00	3,475.97
MW - 3	05/03/11	3,495.97	-	20.00	0.00	3,475.97
MW - 3	05/19/11	3,495.97	-	20.43	0.00	3,475.54
MW - 3	05/25/11	3,495.97	-	20.40	0.00	3,475.57
MW - 3	06/06/11	3,495.97	-	20.53	0.00	3,475.44
MW - 3	06/13/11	3,495.97	-	20.47	0.00	3,475.50
MW - 3	06/27/11	3,495.97	-	20.49	0.00	3,475.48
MW - 3	07/07/11	3,495.97	-	20.59	0.00	3,475.38
MW - 3	07/14/11	3,495.97	-	20.57	0.00	3,475.40
MW - 3	07/25/11	3,495.97	-	20.53	0.00	3,475.44
MW - 3	08/02/11	3,495.97	-	20.00	0.00	3,475.97
MW - 3	08/03/11	3,495.97	-	20.94	0.00	3,475.03
MW - 3	08/18/11	3,495.97	-	20.25	0.00	3,475.72
MW - 3	08/24/11	3,495.97	-	20.31	0.00	3,475.66
MW - 3	08/29/11	3,495.97	-	20.05	0.00	3,475.92
MW - 3	09/07/11	3,495.97	-	21.12	0.00	3,474.85
MW - 3	09/14/11	3,495.97	-	21.12	0.00	3,474.85
MW - 3	10/26/11	3,495.97	-	21.25	0.00	3,474.72
MW - 3	11/21/11	3,495.97	-	21.05	0.00	3,474.92
MW - 3	11/28/11	3,495.97	-	21.12	0.00	3,474.85
MW - 3	12/12/11	3,495.97	-	21.13	0.00	3,474.84
MW - 3	01/10/12	3,495.97	-	21.01	0.00	3,474.96
MW - 3	01/17/12	3,495.97	-	21.23	0.00	3,474.74
MW - 3	01/25/12	3,495.97	-	21.09	0.00	3,474.88
MW - 3	02/01/12	3,495.97	-	21.06	0.00	3,474.91
MW - 3	02/13/12	3,495.97	-	20.94	0.00	3,475.03
MW - 3	03/07/12	3,495.97	-	20.90	0.00	3,475.07
MW - 3	03/19/12	3,495.97	-	20.84	0.00	3,475.13
MW - 3	03/28/12	3,495.97	-	20.62	0.00	3,475.35
MW - 3	04/04/12	3,495.97	-	20.72	0.00	3,475.25
MW - 3	04/11/12	3,495.97	-	20.66	0.00	3,475.31
MW - 3	04/18/12	3,495.97	-	20.73	0.00	3,475.24
MW - 3	04/25/12	3,495.97	-	20.64	0.00	3,475.33
MW - 3	05/03/12	3,495.97	-	20.69	0.00	3,475.28
MW - 3	05/09/12	3,495.97	-	20.75	0.00	3,475.22
MW - 3	05/16/12	3,495.97	-	20.79	0.00	3,475.18
MW - 3	05/24/12	3,495.97	-	20.76	0.00	3,475.21
MW - 3	06/01/12	3,495.97	-	20.70	0.00	3,475.27
MW - 3	06/06/12	3,495.97	-	20.71	0.00	3,475.26

TABLE 1**Historical Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	06/14/12	3,495.97	-	20.80	0.00	3,475.17
MW - 3	06/20/12	3,495.97	-	20.91	0.00	3,475.06
MW - 3	06/26/12	3,495.97	-	20.83	0.00	3,475.14
MW - 3	07/11/12	3,495.97	-	21.05	0.00	3,474.92
MW - 3	07/18/12	3,495.97	-	21.11	0.00	3,474.86
MW - 3	08/02/12	3,495.97	-	21.21	0.00	3,474.76
MW - 3	08/07/12	3,495.97	-	21.20	0.00	3,474.77
MW - 3	08/17/12	3,495.97	-	21.29	0.00	3,474.68
MW - 3	09/06/12	3,495.97	-	21.36	0.00	3,474.61
MW - 3	09/11/12	3,495.97	-	21.33	0.00	3,474.64
MW - 3	09/25/12	3,495.97	-	21.40	0.00	3,474.57
MW - 3	10/02/12	3,495.97	-	21.41	0.00	3,474.56
MW - 3	10/09/12	3,495.97	-	21.34	0.00	3,474.63
MW - 3	10/17/12	3,495.97	-	21.34	0.00	3,474.63
MW - 3	10/24/12	3,495.97	-	21.31	0.00	3,474.66
MW - 3	11/01/12	3,495.97	-	21.20	0.00	3,474.77
MW - 3	11/14/12	3,495.97	-	21.09	0.00	3,474.88
MW - 3	02/14/13	3,495.97	-	20.89	0.00	3,475.08
MW - 3	03/19/13	3,495.97	-	20.85	0.00	3,475.12
MW - 3	04/04/13	3,495.97	-	20.89	0.00	3,475.08
MW - 3	04/09/13	3,495.97	-	20.85	0.00	3,475.12
MW - 3	04/17/13	3,495.97	-	20.89	0.00	3,475.08
MW - 3	04/23/13	3,495.97	-	20.82	0.00	3,475.15
MW - 3	04/30/13	3,495.97	-	20.78	0.00	3,475.19
MW - 3	05/08/13	3,495.97	-	20.79	0.00	3,475.18
MW - 3	05/09/13	3,495.97	-	20.79	0.00	3,475.18
MW - 3	05/14/13	3,495.97	-	20.76	0.00	3,475.21
MW - 3	05/22/13	3,495.97	-	20.73	0.00	3,475.24
MW - 3	05/29/13	3,495.97	-	20.78	0.00	3,475.19
MW - 3	06/05/13	3,495.97	-	20.77	0.00	3,475.20
MW - 3	06/11/13	3,495.97	-	20.87	0.00	3,475.10
MW - 3	06/19/13	3,495.97	-	20.92	0.00	3,475.05
MW - 3	06/28/13	3,495.97	-	20.96	0.00	3,475.01
MW - 3	07/01/13	3,495.97	-	21.11	0.00	3,474.86
MW - 3	07/11/13	3,495.97	-	21.14	0.00	3,474.83
MW - 3	07/23/13	3,495.97	-	21.19	0.00	3,474.78
MW - 3	07/30/13	3,495.97	-	21.19	0.00	3,474.78
MW - 3	08/08/13	3,495.97	-	21.04	0.00	3,474.93
MW - 3	08/14/13	3,495.97	-	21.14	0.00	3,474.83
MW - 3	08/22/13	3,495.97	-	21.99	0.00	3,473.98
MW - 3	08/27/13	3,495.97	-	21.27	0.00	3,474.70
MW - 3	09/05/13	3,495.97	-	21.30	0.00	3,474.67
MW - 3	09/10/13	3,495.97	-	21.38	0.00	3,474.59
MW - 3	09/17/13	3,495.97	-	21.38	0.00	3,474.59
MW - 3	09/24/13	3,495.97	-	21.39	0.00	3,474.58

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	10/07/13	3,495.97	-	21.46	0.00	3,474.51
MW - 3	10/23/13	3,495.97	-	21.34	0.00	3,474.63
MW - 3	10/30/13	3,495.97	-	21.33	0.00	3,474.64
MW - 3	11/06/13	3,495.97	-	21.26	0.00	3,474.71
MW - 3	11/14/13	3,495.97	-	21.17	0.00	3,474.80
MW - 3	11/21/13	3,495.97	-	21.15	0.00	3,474.82
MW - 3	12/12/13	3,495.97	-	21.11	0.00	3,474.86
MW - 3	12/19/13	3,495.97	-	21.06	0.00	3,474.91
MW - 3	12/24/13	3,495.97	-	21.05	0.00	3,474.92
MW - 3	01/03/14	3,495.97	-	21.04	0.00	3,474.93
MW - 3	01/06/14	3,495.97	-	21.13	0.00	3,474.84
MW - 3	01/13/14	3,495.97	-	21.09	0.00	3,474.88
MW - 3	01/21/14	3,495.97	-	21.08	0.00	3,474.89
MW - 3	01/27/14	3,495.97	-	21.10	0.00	3,474.87
MW - 3	02/05/14	3,510.51	-	21.01	0.00	3,489.50
MW - 3	02/10/14	3,510.51	-	20.97	0.00	3,489.54
MW - 3	02/24/14	3,510.51	-	20.93	0.00	3,489.58
MW - 3	03/17/14	3,510.51	-	20.90	0.00	3,489.61
MW - 3	03/25/14	3,510.51	-	20.92	0.00	3,489.59
MW - 3	04/02/14	3,510.51	-	20.91	0.00	3,489.60
MW - 3	04/16/14	3,510.51	-	20.83	0.00	3,489.68
MW - 3	04/22/14	3,510.51	-	20.83	0.00	3,489.68
MW - 3	04/29/14	3,510.51	-	20.85	0.00	3,489.66
MW - 3	05/06/14	3,510.51	-	20.80	0.00	3,489.71
MW - 3	05/07/14	3,510.51	-	20.85	0.00	3,489.66
MW - 3	05/13/14	3,510.51	-	20.84	0.00	3,489.67
MW - 3	05/21/14	3,510.51	-	20.85	0.00	3,489.66
MW - 3	05/29/14	3,510.51	-	20.90	0.00	3,489.61
MW - 3	06/05/14	3,510.51	-	20.96	0.00	3,489.55
MW - 3	06/11/14	3,510.51	-	21.04	0.00	3,489.47
MW - 3	06/16/14	3,510.51	-	21.12	0.00	3,489.39
MW - 3	06/24/14	3,510.51	-	21.19	0.00	3,489.32
MW - 3	07/01/14	3,510.51	-	21.29	0.00	3,489.22
MW - 3	07/08/14	3,510.51	-	21.34	0.00	3,489.17
MW - 3	07/15/14	3,510.51	-	20.40	0.00	3,490.11
MW - 3	07/22/14	3,510.51	-	21.47	0.00	3,489.04
MW - 3	07/23/14	3,510.51	-	21.47	0.00	3,489.04
MW - 3	07/31/14	3,510.51	-	21.55	0.00	3,488.96
MW - 3	08/07/14	3,510.51	-	21.48	0.00	3,489.03
MW - 3	08/13/14	3,510.51	-	21.50	0.00	3,489.01
MW - 3	08/16/14	3,510.51	-	21.51	0.00	3,489.00
MW - 3	07/31/14	3,510.51	-	21.53	0.00	3,488.98
MW - 3	08/27/14	3,510.51	-	21.56	0.00	3,488.95
MW - 3	09/24/14	3,510.51	-	20.92	0.00	3,489.59
MW - 3	10/01/14	3,510.51	-	20.54	0.00	3,489.97

TABLE 1**Historical Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	10/07/14	3,510.51	-	20.45	0.00	3,490.06
MW - 3	10/14/14	3,510.51	-	20.38	0.00	3,490.13
MW - 3	10/20/14	3,510.51	-	20.38	0.00	3,490.13
MW - 3	10/27/14	3,510.51	-	20.37	0.00	3,490.14
MW - 3	10/28/14	3,510.51	-	20.71	0.00	3,489.80
MW - 3	11/11/14	3,510.51	-	20.41	0.00	3,490.10
MW - 3	11/19/14	3,510.51	-	20.31	0.00	3,490.20
MW - 3	12/04/14	3,510.51	-	20.37	0.00	3,490.14
MW - 3	12/08/14	3,510.51	-	20.39	0.00	3,490.12
MW - 3	12/15/14	3,510.51	-	20.40	0.00	3,490.11
MW - 3	12/22/14	3,510.51	-	20.37	0.00	3,490.14
MW - 3	12/29/14	3,510.51	-	20.37	0.00	3,490.14
MW - 3	01/05/15	3,510.51	-	20.39	0.00	3,490.12
MW - 3	01/12/15	3,510.51	-	20.40	0.00	3,490.11
MW - 3	01/19/15	3,510.51	-	20.38	0.00	3,490.13
MW - 3	02/04/15	3,510.51	-	20.37	0.00	3,490.14
MW - 3	02/12/15	3,510.51	-	20.41	0.00	3,490.10
MW - 3	03/03/15	3,510.51	-	20.37	0.00	3,490.14
MW - 3	03/09/15	3,510.51	-	20.36	0.00	3,490.15
MW - 3	03/16/15	3,510.51	-	20.36	0.00	3,490.15
MW - 3	03/23/15	3,510.51	-	20.33	0.00	3,490.18
MW - 3	03/30/15	3,510.51	-	20.30	0.00	3,490.21
MW - 3	04/04/15	3,510.51	-	20.37	0.00	3,490.14
MW - 3	04/07/15	3,510.51	-	20.34	0.00	3,490.17
MW - 3	04/13/15	3,510.51	-	20.33	0.00	3,490.18
MW - 3	04/20/15	3,510.51	-	20.28	0.00	3,490.23
MW - 3	04/27/15	3,510.51	-	20.29	0.00	3,490.22
MW - 3	05/07/15	3,510.51	-	20.22	0.00	3,490.29
MW - 3	05/11/15	3,510.51	-	20.22	0.00	3,490.29
MW - 3	05/18/15	3,510.51	-	20.19	0.00	3,490.32
MW - 3	05/21/15	3,510.51	-	20.23	0.00	3,490.28
MW - 3	05/29/15	3,510.51	-	20.21	0.00	3,490.30
MW - 3	06/003/15	3,510.51	-	20.15	0.00	3,490.36
MW - 3	06/08/15	3,510.51	-	20.16	0.00	3,490.35
MW - 3	06/15/15	3,510.51	-	20.17	0.00	3,490.34
MW - 3	06/18/15	3,510.51	-	20.14	0.00	3,490.37
MW - 3	06/25/15	3,510.51	-	20.18	0.00	3,490.33
MW - 3	07/01/15	3,510.51	-	20.17	0.00	3,490.34
MW - 3	07/03/15	3,510.51	-	20.17	0.00	3,490.34
MW - 3	07/08/15	3,510.51	-	20.17	0.00	3,490.34
MW - 3	07/14/15	3,510.51	-	20.23	0.00	3,490.28
MW - 3	07/20/15	3,510.51	-	20.33	0.00	3,490.18
MW - 3	07/28/15	3,510.51	-	20.38	0.00	3,490.13
MW - 3	08/04/15	3,510.51	-	20.43	0.00	3,490.08
MW - 3	08/10/15	3,510.51	-	20.50	0.00	3,490.01

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	08/17/15	3,510.51	-	20.56	0.00	3,489.95
MW - 3	08/25/15	3,510.51	-	20.62	0.00	3,489.89
MW - 3	08/31/15	3,510.51	-	20.61	0.00	3,489.90
MW - 3	09/08/15	3,510.51	-	20.67	0.00	3,489.84
MW - 3	09/15/15	3,510.51	-	20.64	0.00	3,489.87
MW - 3	09/24/15	3,510.51	-	20.71	0.00	3,489.80
MW - 3	09/28/15	3,510.51	-	20.71	0.00	3,489.80
MW - 3	10/06/15	3,510.51	-	20.73	0.00	3,489.78
MW - 3	10/12/15	3,510.51	-	20.68	0.00	3,489.83
MW - 3	10/23/15	3,510.51	-	20.54	0.00	3,489.97
MW - 3	10/26/15	3,510.51	-	20.51	0.00	3,490.00
MW - 3	11/06/15	3,510.51	-	20.38	0.00	3,490.13
MW - 3	11/10/15	3,510.51	-	20.31	0.00	3,490.20
MW - 3	11/12/15	3,510.51	-	20.36	0.00	3,490.15
MW - 3	12/07/15	3,510.51	-	20.24	0.00	3,490.27
MW - 3	12/10/15	3,510.51	-	20.26	0.00	3,490.25
MW - 3	01/05/16	3,510.51	-	20.25	0.00	3,490.26
MW - 3	01/08/16	3,510.51	-	20.22	0.00	3,490.29
MW - 3	01/12/16	3,510.51	-	20.26	0.00	3,490.25
MW - 3	01/18/16	3,510.51	-	20.24	0.00	3,490.27
MW - 3	01/25/16	3,510.51	-	20.25	0.00	3,490.26
MW - 3	02/01/16	3,510.51	-	20.18	0.00	3,490.33
MW - 3	02/04/16	3,510.51	-	20.23	0.00	3,490.28
MW - 3	02/08/16	3,510.51	-	20.22	0.00	3,490.29
MW - 3	02/15/16	3,510.51	-	20.20	0.00	3,490.31
MW - 3	02/22/16	3,510.51	-	20.21	0.00	3,490.30
MW - 3	03/03/16	3,510.51	-	20.18	0.00	3,490.33
MW - 3	03/07/16	3,510.51	-	20.10	0.00	3,490.41
MW - 3	03/10/16	3,510.51	-	20.15	0.00	3,490.36
MW - 3	03/15/16	3,510.51	-	20.05	0.00	3,490.46
MW - 3	03/21/16	3,510.51	-	20.09	0.00	3,490.42
MW - 3	03/28/16	3,510.51	-	20.08	0.00	3,490.43
MW - 3	04/06/16	3,510.51	-	20.10	0.00	3,490.41
MW - 3	04/12/16	3,510.51	-	20.06	0.00	3,490.45
MW - 3	04/18/16	3,510.51	-	20.04	0.00	3,490.47
MW - 3	04/26/16	3,510.51	-	20.00	0.00	3,490.51
MW - 3	05/02/16	3,510.51	-	19.99	0.00	3,490.52
MW - 3	05/04/16	3,510.51	-	19.99	0.00	3,490.52
MW - 3	05/12/16	3,510.51	-	19.99	0.00	3,490.52
MW - 3	05/16/16	3,510.51	-	19.95	0.00	3,490.56
MW - 3	05/23/16	3,510.51	-	20.01	0.00	3,490.50
MW - 3	06/01/16	3,510.51	-	20.00	0.00	3,490.51
MW - 3	06/07/16	3,510.51	-	20.08	0.00	3,490.43
MW - 3	06/13/16	3,510.51	-	19.98	0.00	3,490.53
MW - 3	06/17/16	3,510.51	-	20.26	0.00	3,490.25

TABLE 1**Historical Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	06/28/16	3,510.51	-	20.31	0.00	3,490.20
MW - 3	07/07/16	3,510.51	-	20.39	0.00	3,490.12
MW - 3	07/12/16	3,510.51	-	20.44	0.00	3,490.07
MW - 3	07/19/16	3,510.51	-	20.49	0.00	3,490.02
MW - 3	08/01/16	3,510.51	-	20.65	0.00	3,489.86
MW - 3	08/08/16	3,510.51	-	20.67	0.00	3,489.84
MW - 3	08/24/16	3,510.51	-	20.77	0.00	3,489.74
MW - 3	08/31/16	3,510.51	-	20.69	0.00	3,489.82
MW - 3	09/07/16	3,510.51	-	20.19	0.00	3,490.32
MW - 3	09/13/16	3,510.51	-	20.05	0.00	3,490.46
MW - 3	09/22/16	3,510.51	-	19.46	0.00	3,491.05
MW - 3	10/14/16	3,510.51	-	19.66	0.00	3,490.85
MW - 3	10/26/16	3,510.51	-	19.67	0.00	3,490.84
MW - 3	11/03/16	3,510.51	-	19.69	0.00	3,490.82
MW - 3	11/07/16	3,510.51	-	19.70	0.00	3,490.81
MW - 3	12/07/16	3,510.51	-	19.68	0.00	3,490.83
MW - 3	12/13/16	3,510.51	-	19.67	0.00	3,490.84
MW - 3	12/20/16	3,510.51	-	19.70	0.00	3,490.81
MW - 3	01/04/17	3,510.51	-	19.66	0.00	3,490.85
MW - 3	01/18/17	3,510.51	-	19.67	0.00	3,490.84
MW - 3	01/27/17	3,510.51	-	19.81	0.00	3,490.70
MW - 3	02/01/17	3,510.51	-	19.69	0.00	3,490.82
MW - 3	02/08/17	3,510.51	-	19.75	0.00	3,490.76
MW - 3	03/09/17	3,510.51	-	19.64	0.00	3,490.87
MW - 3	03/14/17	3,510.51	-	19.70	0.00	3,490.81
MW - 3	03/22/17	3,510.51	-	19.66	0.00	3,490.85
MW - 3	04/11/17	3,510.51	-	19.64	0.00	3,490.87
MW - 3	04/18/17	3,510.51	-	19.63	0.00	3,490.88
MW - 3	05/02/17	3,510.51	-	19.60	0.00	3,490.91
MW - 3	05/10/17	3,510.51	-	19.64	0.00	3,490.87
MW - 3	06/05/17	3,510.51	-	19.78	0.00	3,490.73
MW - 3	06/14/17	3,510.51	-	19.85	0.00	3,490.66
MW - 3	06/22/17	3,510.51	-	19.93	0.00	3,490.58
MW - 3	06/29/17	3,510.51	-	20.02	0.00	3,490.49
MW - 3	07/05/17	3,510.51	-	20.07	0.00	3,490.44
MW - 3	07/14/17	3,510.51	-	20.17	0.00	3,490.34
MW - 3	07/18/17	3,510.51	-	20.17	0.00	3,490.34
MW - 3	07/22/17	3,510.51	-	20.23	0.00	3,490.28
MW - 3	08/11/17	3,510.51	-	20.21	0.00	3,490.30
MW - 3	08/15/17	3,510.51	-	20.15	0.00	3,490.36
MW - 3	09/01/17	3,510.51	-	20.00	0.00	3,490.51
MW - 3	09/08/17	3,510.51	-	19.96	0.00	3,490.55
MW - 3	09/15/17	3,510.51	-	19.96	0.00	3,490.55
MW - 3	09/22/17	3,510.51	-	20.01	0.00	3,490.50
MW - 3	10/06/17	3,510.51	-	19.90	0.00	3,490.61

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	10/13/17	3,510.51	-	19.89	0.00	3,490.62
MW - 3	10/18/17	3,510.51	-	19.87	0.00	3,490.64
MW - 3	10/26/17	3,510.51	-	19.79	0.00	3,490.72
MW - 3	11/02/17	3,510.51	-	19.82	0.00	3,490.69
MW - 3	11/09/17	3,510.51	-	19.79	0.00	3,490.72
MW - 3	12/08/17	3,510.51	-	19.79	0.00	3,490.72
MW - 3	12/13/17	3,510.51	-	19.75	0.00	3,490.76
MW - 3	12/21/17	3,510.51	-	19.76	0.00	3,490.75
MW - 3	01/05/18	3,510.51	-	19.75	0.00	3,490.76
MW - 3	01/09/18	3,510.51	-	19.76	0.00	3,490.75
MW - 3	01/17/18	3,510.51	-	19.77	0.00	3,490.74
MW - 3	01/24/18	3,510.51	-	19.80	0.00	3,490.71
MW - 3	02/08/18	3,510.51	-	19.72	0.00	3,490.79
MW - 3	02/15/18	3,510.51	-	19.71	0.00	3,490.80
MW - 3	02/23/18	3,510.51	-	19.67	0.00	3,490.84
MW - 3	03/02/18	3,510.51	-	19.71	0.00	3,490.80
MW - 3	03/07/18	3,510.51	-	19.69	0.00	3,490.82
MW - 3	03/15/18	3,510.51	-	19.67	0.00	3,490.84
MW - 3	03/28/18	3,510.51	-	19.70	0.00	3,490.81
MW - 3	04/04/18	3,510.51	-	19.66	0.00	3,490.85
MW - 3	04/12/18	3,510.51	-	19.63	0.00	3,490.88
MW - 3	04/18/18	3,510.51	-	19.68	0.00	3,490.83
MW - 3	04/26/18	3,510.51	-	19.64	0.00	3,490.87
MW - 3	05/03/18	3,510.51	-	19.65	0.00	3,490.86
MW - 3	05/10/18	3,510.51	-	19.67	0.00	3,490.84
MW - 3	05/25/18	3,510.51	-	19.85	0.00	3,490.66
MW - 3	05/31/18	3,510.51	-	19.91	0.00	3,490.60
MW - 3	06/06/18	3,510.51	-	19.97	0.00	3,490.54
MW - 3	06/13/18	3,510.51	-	20.05	0.00	3,490.46
MW - 3	06/22/18	3,510.51	-	20.11	0.00	3,490.40
MW - 3	07/05/18	3,510.51	-	20.25	0.00	3,490.26
MW - 3	07/11/18	3,510.51	-	20.27	0.00	3,490.24
MW - 3	07/19/18	3,510.51	-	20.28	0.00	3,490.23
MW - 3	08/03/18	3,510.51	-	20.42	0.00	3,490.09
MW - 3	08/17/18	3,510.51	-	20.50	0.00	3,490.01
MW - 3	08/22/18	3,510.51	-	20.48	0.00	3,490.03
MW - 3	08/30/18	3,510.51	-	20.51	0.00	3,490.00
MW - 3	09/13/18	3,510.51	-	20.54	0.00	3,489.97
MW - 3	09/19/18	3,510.51	-	20.50	0.00	3,490.01
MW - 3	10/17/18	3,510.51	-	20.47	0.00	3,490.04
MW - 3	11/19/18	3,510.51	-	20.16	0.00	3,490.35
MW - 3	11/26/18	3,510.51	-	20.14	0.00	3,490.37
MW - 3	12/07/18	3,510.51	-	20.12	0.00	3,490.39
MW - 3	12/13/18	3,510.51	-	20.18	0.00	3,490.33
MW - 3	12/19/18	3,510.51	-	20.12	0.00	3,490.39

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	01/02/19	3,510.51	-	20.09	0.00	3,490.42
MW - 3	01/08/19	3,510.51	-	20.12	0.00	3,490.39
MW - 3	01/22/19	3,510.51	-	20.10	0.00	3,490.41
MW - 3	02/06/19	3,510.51	-	20.00	0.00	3,490.51
MW - 3	02/13/19	3,510.51	-	20.01	0.00	3,490.50
MW - 3	02/18/19	3,510.51	-	19.99	0.00	3,490.52
MW - 3	03/14/19	3,510.51	-	20.01	0.00	3,490.50
MW - 3	03/06/19	3,510.51	-	19.92	0.00	3,490.59
MW - 3	03/27/19	3,510.51	-	19.91	0.00	3,490.60
MW - 3	04/05/19	3,510.51	-	19.91	0.00	3,490.60
MW - 3	04/11/19	3,510.51	-	19.91	0.00	3,490.60
MW - 3	04/17/19	3,510.51	-	19.85	0.00	3,490.66
MW - 3	05/03/19	3,510.51	-	19.85	0.00	3,490.66
MW - 3	05/08/19	3,510.51	-	19.77	0.00	3,490.74
MW - 3	05/17/19	3,510.51	-	19.77	0.00	3,490.74
MW - 3	06/12/19	3,510.51	-	19.99	0.00	3,490.52
MW - 3	07/04/19	3,510.51	-	20.26	0.00	3,490.25
MW - 3	07/12/19	3,510.51	-	20.34	0.00	3,490.17
MW - 3	07/18/19	3,510.51	-	20.34	0.00	3,490.17
MW - 3	08/08/19	3,510.51	-	20.47	0.00	3,490.04
MW - 3	09/12/19	3,510.51	-	20.67	0.00	3,489.84
MW - 3	10/08/19	3,510.51	-	20.15	0.00	3,490.36
MW - 3	11/26/19	3,510.51	-	20.15	0.00	3,490.36
MW - 3	12/09/19	3,510.51	-	20.28	0.00	3,490.23
MW - 4	05/25/04	3,509.01	-	20.16	0.00	3,488.85
MW - 4	06/03/04	3,509.01	-	19.13	0.00	3,489.88
MW - 4	06/15/04	3,509.01	-	19.13	0.00	3,489.88
MW - 4	07/08/04	3,509.01	-	19.06	0.00	3,489.95
MW - 4	07/26/04	3,509.01	-	19.21	0.00	3,489.80
MW - 4	09/10/04	3,509.01	-	19.46	0.00	3,489.55
MW - 4	09/21/04	3,509.01	-	19.35	0.00	3,489.66
MW - 4	10/04/04	3,509.01	-	19.35	0.00	3,489.66
MW - 4	10/15/04	3,509.01	-	18.81	0.00	3,490.20
MW - 4	11/09/04	3,509.01	-	18.89	0.00	3,490.12
MW - 4	11/16/04	3,509.01	-	18.83	0.00	3,490.18
MW - 4	12/07/04	3,509.01	-	18.70	0.00	3,490.31
MW - 4	12/17/04	3,509.01	-	18.71	0.00	3,490.30
MW - 4	01/07/05	3,509.01	-	18.48	0.00	3,490.53
MW - 4	02/21/05	3,509.01	-	18.27	0.00	3,490.74
MW - 4	03/29/05	3,509.01	-	18.02	0.00	3,490.99
MW - 4	04/22/05	3,509.01	-	18.07	0.00	3,490.94
MW - 4	05/06/05	3,509.01	-	17.94	0.00	3,491.07
MW - 4	05/11/05	3,509.01	-	17.96	0.00	3,491.05
MW - 4	07/19/05	3,509.01	-	18.13	0.00	3,490.88

TABLE 1

Historical Ground Water Elevation Data

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 4	08/16/05	3,509.01	-	18.21	0.00	3,490.80
MW - 4	10/05/05	3,509.01	-	18.14	0.00	3,490.87
MW - 4	11/15/05	3,509.01	-	17.91	0.00	3,491.10
MW - 4	02/15/06	3,509.01	-	17.76	0.00	3,491.25
MW - 4	03/13/06	3,509.01	-	17.80	0.00	3,491.21
MW - 4	03/22/06	3,509.01	NOT SAMPLED			
MW - 4	05/23/06	3,509.01	-	17.84	0.00	3,491.17
MW - 4	07/20/06	3,509.01	-	18.26	0.00	3,490.75
MW - 4	08/09/06	3,509.01	NOT SAMPLED			
MW - 4	10/18/06	3,509.01	-	17.64	0.00	3,491.37
MW - 4	11/27/06	3,509.01	-	17.66	0.00	3,491.35
MW - 4	01/04/07	3,509.01	-	17.57	0.00	3,491.44
MW - 4	02/16/07	3,509.01	-	17.42	0.00	3,491.59
MW - 4	03/20/07	3,509.01	-	17.29	0.00	3,491.72
MW - 4	06/04/07	3,509.01	-	17.19	0.00	3,491.82
MW - 4	08/22/07	3,509.01	-	17.94	0.00	3,491.07
MW - 4	11/29/07	3,509.01	-	17.63	0.00	3,491.38
MW - 4	02/26/08	3,509.01	-	17.48	0.00	3,491.53
MW - 4	05/22/08	3,509.01	-	17.42	0.00	3,491.59
MW - 4	08/28/08	3,509.01	-	18.21	0.00	3,490.80
MW - 4	11/20/08	3,509.01	-	17.74	0.00	3,491.27
MW - 4	02/16/09	3,509.01	-	17.57	0.00	3,491.44
MW - 4	05/29/09	3,509.01	-	19.26	0.00	3,489.75
MW - 4	08/06/09	3,509.01	-	19.74	0.00	3,489.27
MW - 4	11/10/09	3,509.01	-	20.08	0.00	3,488.93
MW - 4	01/05/10	3,509.01	-	19.90	0.00	3,489.11
MW - 4	02/04/10	3,509.01	-	19.84	0.00	3,489.17
MW - 4	05/06/10	3,509.01	-	19.38	0.00	3,489.63
MW - 4	08/05/10	3,509.01	-	19.02	0.00	3,489.99
MW - 4	11/04/10	3,509.01	-	19.04	0.00	3,489.97
MW - 4	02/09/11	3,509.01	-	19.02	0.00	3,489.99
MW - 4	05/03/11	3,509.01	-	19.04	0.00	3,489.97
MW - 4	08/02/11	3,509.01	-	19.02	0.00	3,489.99
MW - 4	11/21/11	3,509.01	-	20.10	0.00	3,488.91
MW - 4	02/13/12	3,509.01	-	19.87	0.00	3,489.14
MW - 4	05/24/12	3,509.01	-	19.68	0.00	3,489.33
MW - 4	08/07/12	3,509.01	-	20.12	0.00	3,488.89
MW - 4	11/14/12	3,509.01	-	20.13	0.00	3,488.88
MW - 4	02/14/13	3,509.01	-	19.94	0.00	3,489.07
MW - 4	05/09/13	3,509.01	-	19.78	0.00	3,489.23
MW - 4	08/08/13	3,509.01	-	20.15	0.00	3,488.86
MW - 4	11/21/13	3,509.01	-	20.22	0.00	3,488.79
MW - 4	02/24/14	3,510.09	-	19.99	0.00	3,490.10
MW - 4	05/07/14	3,510.09	-	19.85	0.00	3,490.24
MW - 4	07/22/14	3,510.09	-	20.57	0.00	3,489.52

TABLE 1

Historical Ground Water Elevation Data

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 4	08/16/14	3,510.09	-	20.67	0.00	3,489.42
MW - 4	10/27/14	3,510.09	-	19.53	0.00	3,490.56
MW - 4	11/11/14	3,510.09	-	19.53	0.00	3,490.56
MW - 4	02/12/15	3,510.09	-	19.45	0.00	3,490.64
MW - 4	03/09/15	3,510.09	-	19.42	0.00	3,490.67
MW - 4	04/04/15	3,510.09	-	19.39	0.00	3,490.70
MW - 4	05/18/15	3,510.09	-	19.25	0.00	3,490.84
MW - 4	06/18/15	3,510.09	-	19.23	0.00	3,490.86
MW - 4	07/03/15	3,510.09	-	19.29	0.00	3,490.80
MW - 4	08/17/15	3,510.09	-	19.74	0.00	3,490.35
MW - 4	09/24/15	3,510.09	-	19.87	0.00	3,490.22
MW - 4	10/23/15	3,510.09	-	19.64	0.00	3,490.45
MW - 4	11/12/15	3,510.09	-	19.49	0.00	3,490.60
MW - 4	12/10/15	3,510.09	-	19.37	0.00	3,490.72
MW - 4	01/08/16	3,510.09	-	19.32	0.00	3,490.77
MW - 4	02/04/16	3,510.09	-	19.27	0.00	3,490.82
MW - 4	03/10/16	3,510.09	-	19.21	0.00	3,490.88
MW - 4	04/26/16	3,510.09	-	19.08	0.00	3,491.01
MW - 4	05/04/16	3,510.09	-	19.06	0.00	3,491.03
MW - 4	06/28/16	3,510.09	-	19.46	0.00	3,490.63
MW - 4	07/12/16	3,510.09	-	19.65	0.00	3,490.44
MW - 4	08/17/16	Plugged and Abandoned				
MW - 4A	08/15/16	Installed				
MW - 4A		100.00	-	0.00	0.00	100.00
MW - 4A	08/24/16	100.00	-	19.94	0.00	80.06
MW - 4A	08/25/16	100.00	-	19.94	0.00	80.06
MW - 4A	08/31/16	100.00	-	19.75	0.00	80.25
MW - 4A	09/07/16	100.00	-	19.35	0.00	80.65
MW - 4A	09/13/16	100.00	-	19.20	0.00	80.80
MW - 4A	10/14/16	100.00	-	18.78	0.00	81.22
MW - 4A	10/26/16	100.00	-	18.77	0.00	81.23
MW - 4A	11/03/16	100.00	-	18.79	0.00	81.21
MW - 4A	11/07/16	100.00	-	18.77	0.00	81.23
MW - 4A	12/07/16	100.00	-	18.78	0.00	81.22
MW - 4A	12/13/16	100.00	-	18.77	0.00	81.23
MW - 4A	12/20/16	100.00	-	18.78	0.00	81.22
MW - 4A	01/04/17	100.00	-	18.76	0.00	81.24
MW - 4A	01/18/17	100.00	-	18.75	0.00	81.25
MW - 4A	01/27/17	100.00	-	18.80	0.00	81.20
MW - 4A	02/01/17	100.00	-	18.77	0.00	81.23
MW - 4A	02/08/17	100.00	-	18.76	0.00	81.24
MW - 4A	03/09/17	100.00	-	18.73	0.00	81.27
MW - 4A	03/14/17	100.00	-	18.71	0.00	81.29
MW - 4A	03/22/17	100.00	-	18.70	0.00	81.30

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 4A	04/11/17	100.00	-	18.68	0.00	81.32
MW - 4A	04/18/17	100.00	-	18.66	0.00	81.34
MW - 4A	05/02/17	100.00	-	18.62	0.00	81.38
MW - 4A	05/10/17	100.00	-	18.65	0.00	81.35
MW - 4A	06/05/17	100.00	-	18.82	0.00	81.18
MW - 4A	06/14/17	100.00	-	18.92	0.00	81.08
MW - 4A	06/22/17	100.00	-	19.04	0.00	80.96
MW - 4A	06/29/17	100.00	-	19.14	0.00	80.86
MW - 4A	07/05/17	100.00	-	19.20	0.00	80.80
MW - 4A	07/14/17	100.00	-	19.29	0.00	80.71
MW - 4A	07/18/17	100.00	-	19.31	0.00	80.69
MW - 4A	07/22/17	100.00	-	19.35	0.00	80.65
MW - 4A	08/11/17	100.00	-	19.33	0.00	80.67
MW - 4A	08/15/17	100.00	-	19.25	0.00	80.75
MW - 4A	09/01/17	100.00	-	19.12	0.00	80.88
MW - 4A	09/08/17	100.00	-	19.10	0.00	80.90
MW - 4A	09/15/17	100.00	-	19.10	0.00	80.90
MW - 4A	09/22/17	100.00	-	19.15	0.00	80.85
MW - 4A	10/06/17	100.00	-	19.04	0.00	80.96
MW - 4A	10/13/17	100.00	-	19.02	0.00	80.98
MW - 4A	10/18/17	100.00	-	18.97	0.00	81.03
MW - 4A	10/26/17	100.00	-	18.92	0.00	81.08
MW - 4A	11/02/17	100.00	-	18.94	0.00	81.06
MW - 4A	11/09/17	100.00	-	18.90	0.00	81.10
MW - 4A	12/08/17	100.00	-	18.86	0.00	81.14
MW - 4A	12/13/17	100.00	-	18.48	0.00	81.52
MW - 4A	12/21/17	100.00	-	18.83	0.00	81.17
MW - 4A	01/05/18	100.00	-	18.82	0.00	81.18
MW - 4A	01/09/18	100.00	-	18.82	0.00	81.18
MW - 4A	01/17/18	100.00	-	18.82	0.00	81.18
MW - 4A	01/24/18	100.00	-	18.82	0.00	81.18
MW - 4A	02/08/18	100.00	-	18.72	0.00	81.28
MW - 4A	02/15/18	100.00	-	18.64	0.00	81.36
MW - 4A	02/23/18	100.00	-	18.76	0.00	81.24
MW - 4A	03/02/18	100.00	-	18.73	0.00	81.27
MW - 4A	03/07/18	100.00	-	18.75	0.00	81.25
MW - 4A	03/15/18	100.00	-	18.72	0.00	81.28
MW - 4A	03/28/18	100.00	-	18.74	0.00	81.26
MW - 4A	04/04/18	100.00	-	18.71	0.00	81.29
MW - 4A	04/12/18	100.00	-	18.67	0.00	81.33
MW - 4A	04/18/18	100.00	-	18.69	0.00	81.31
MW - 4A	04/26/18	100.00	-	18.68	0.00	81.32
MW - 4A	05/03/18	100.00	-	18.69	0.00	81.31
MW - 4A	05/10/18	100.00	-	18.72	0.00	81.28
MW - 4A	05/25/18	100.00	-	18.93	0.00	81.07

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 4A	05/31/18	100.00	-	19.03	0.00	80.97
MW - 4A	06/06/18	100.00	-	19.09	0.00	80.91
MW - 4A	06/13/18	100.00	-	19.14	0.00	80.86
MW - 4A	06/22/18	100.00	-	19.20	0.00	80.80
MW - 4A	07/05/18	100.00	-	19.35	0.00	80.65
MW - 4A	07/11/18	100.00	-	19.38	0.00	80.62
MW - 4A	07/19/18	100.00	-	19.45	0.00	80.55
MW - 4A	08/03/18	100.00	-	19.56	0.00	80.44
MW - 4A	08/17/18	100.00	-	19.63	0.00	80.37
MW - 4A	08/22/18	100.00	-	19.65	0.00	80.35
MW - 4A	08/30/18	100.00	-	19.69	0.00	80.31
MW - 4A	09/13/18	100.00	-	19.65	0.00	80.35
MW - 4A	09/19/18	100.00	-	19.58	0.00	80.42
MW - 4A	10/17/18	100.00	-	19.58	0.00	80.42
MW - 4A	11/07/18	100.00	-	19.58	0.00	80.42
MW - 4A	11/19/18	100.00	-	19.26	0.00	80.74
MW - 4A	11/26/18	100.00	-	19.24	0.00	80.76
MW - 4A	12/07/18	100.00	-	19.21	0.00	80.79
MW - 4A	12/13/18	100.00	-	19.22	0.00	80.78
MW - 4A	12/19/18	100.00	-	19.17	0.00	80.83
MW - 4A	01/02/19	100.00	-	19.13	0.00	80.87
MW - 4A	01/05/19	100.00	-	19.15	0.00	80.85
MW - 4A	01/08/19	100.00	-	19.15	0.00	80.85
MW - 4A	01/15/19	100.00	-	19.10	0.00	80.90
MW - 4A	01/22/19	100.00	-	19.12	0.00	80.88
MW - 4A	02/06/19	100.00	-	19.05	0.00	80.95
MW - 4A	02/13/19	100.00	-	19.04	0.00	80.96
MW - 4A	02/18/19	100.00	-	19.03	0.00	80.97
MW - 4A	03/06/19	100.00	-	18.99	0.00	81.01
MW - 4A	03/27/19	100.00	-	18.94	0.00	81.06
MW - 4A	04/05/19	100.00	-	18.93	0.00	81.07
MW - 4A	04/11/19	100.00	-	18.90	0.00	81.10
MW - 4A	04/17/19	100.00	-	18.87	0.00	81.13
MW - 4A	04/24/19	100.00	-	18.85	0.00	81.15
MW - 4A	05/03/19	100.00	-	18.85	0.00	81.15
MW - 4A	05/08/19	100.00	-	18.83	0.00	81.17
MW - 4A	05/17/19	100.00	-	18.84	0.00	81.16
MW - 4A	06/12/19	100.00	-	19.08	0.00	80.92
MW - 4A	07/04/19	100.00	-	19.39	0.00	80.61
MW - 4A	07/12/19	100.00	-	19.44	0.00	80.56
MW - 4A	07/18/19	100.00	-	19.46	0.00	80.54
MW - 4A	08/08/19	100.00	-	19.61	0.00	80.39
MW - 4A	09/12/19	100.00	-	19.83	0.00	80.17
MW - 4A	10/08/19	100.00	-	19.66	0.00	80.34
MW - 4A	11/26/19	100.00	-	19.38	0.00	80.62

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 4A	12/09/19	100.00	-	19.30	0.00	80.70
MW - 5	05/25/04	3,508.74	-	20.08	0.00	3,488.66
MW - 5	06/03/04	3,508.74	-	20.00	0.00	3,488.74
MW - 5	06/15/04	3,508.74	-	20.03	0.00	3,488.71
MW - 5	07/08/04	3,508.74	-	19.93	0.00	3,488.81
MW - 5	07/26/04	3,508.74	-	20.06	0.00	3,488.68
MW - 5	09/10/04	3,508.74	-	20.26	0.00	3,488.48
MW - 5	09/21/04	3,508.74	-	20.34	0.00	3,488.40
MW - 5	10/04/04	3,508.74	-	19.55	0.00	3,489.19
MW - 5	10/15/04	3,508.74	-	19.52	0.00	3,489.22
MW - 5	11/09/04	3,508.74	-	19.67	0.00	3,489.07
MW - 5	11/16/04	3,508.74	-	19.41	0.00	3,489.33
MW - 5	12/07/04	3,508.74	-	19.45	0.00	3,489.29
MW - 5	12/17/04	3,508.74	-	19.44	0.00	3,489.30
MW - 5	01/07/05	3,508.74	-	19.30	0.00	3,489.44
MW - 5	02/21/05	3,508.74	-	19.11	0.00	3,489.63
MW - 5	03/29/05	3,508.74	-	18.86	0.00	3,489.88
MW - 5	04/22/05	3,508.74	-	18.91	0.00	3,489.83
MW - 5	05/06/05	3,508.74	-	18.89	0.00	3,489.85
MW - 5	05/11/05	3,508.74	-	18.80	0.00	3,489.94
MW - 5	07/19/05	3,508.74	-	19.92	0.00	3,488.82
MW - 5	08/16/05	3,508.74	-	18.81	0.00	3,489.93
MW - 5	10/05/05	3,508.74	-	18.90	0.00	3,489.84
MW - 5	11/15/05	3,508.74	-	18.75	0.00	3,489.99
MW - 5	02/15/06	3,508.74	-	18.62	0.00	3,490.12
MW - 5	03/13/06	3,508.74	-	18.62	0.00	3,490.12
MW - 5	03/22/06	3,508.74	NOT SAMPLED			
MW - 5	05/23/06	3,508.74	-	18.71	0.00	3,490.03
MW - 5	07/20/06	3,508.74	-	19.05	0.00	3,489.69
MW - 5	08/09/06	3,508.74	-	18.92	0.00	3,489.82
MW - 5	10/18/06	3,508.74	-	18.45	0.00	3,490.29
MW - 5	11/27/06	3,508.74	-	18.45	0.00	3,490.29
MW - 5	12/11/06	3,508.74	-	18.46	0.00	3,490.28
MW - 5	01/04/07	3,508.74	-	18.46	0.00	3,490.28
MW - 5	02/16/07	3,508.74	-	18.24	0.00	3,490.50
MW - 5	03/20/07	3,508.74	-	18.24	0.00	3,490.50
MW - 5	06/04/07	3,508.74	-	18.10	0.00	3,490.64
MW - 5	08/22/07	3,508.74	-	18.81	0.00	3,489.93
MW - 5	11/29/07	3,508.74	-	18.49	0.00	3,490.25
MW - 5	02/26/08	3,508.74	-	18.39	0.00	3,490.35
MW - 5	05/22/08	3,508.74	-	18.40	0.00	3,490.34
MW - 5	08/28/08	3,508.74	-	19.03	0.00	3,489.71
MW - 5	11/20/08	3,508.74	-	18.64	0.00	3,490.10
MW - 5	02/16/09	3,508.74	-	18.49	0.00	3,490.25

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 5	05/29/09	3,508.74	-	19.14	0.00	3,489.60
MW - 5	08/06/09	3,508.74	-	19.57	0.00	3,489.17
MW - 5	11/10/09	3,508.74	-	19.95	0.00	3,488.79
MW - 5	11/13/09	3,508.74	-	19.91	0.00	3,488.83
MW - 5	01/05/10	3,508.74	-	19.78	0.00	3,488.96
MW - 5	02/04/10	3,508.74	-	19.71	0.00	3,489.03
MW - 5	05/06/10	3,508.74	-	19.27	0.00	3,489.47
MW - 5	08/05/10	3,508.74	-	18.91	0.00	3,489.83
MW - 5	11/04/10	3,508.74	-	18.92	0.00	3,489.82
MW - 5	02/09/11	3,508.74	-	18.90	0.00	3,489.84
MW - 5	05/03/11	3,508.74	-	18.89	0.00	3,489.85
MW - 5	05/19/11	3,508.74	-	19.64	0.00	3,489.10
MW - 5	05/25/11	3,508.74	-	19.62	0.00	3,489.12
MW - 5	06/06/11	3,508.74	-	19.45	0.00	3,489.29
MW - 5	06/13/11	3,508.74	-	19.60	0.00	3,489.14
MW - 5	06/27/11	3,508.74	-	19.58	0.00	3,489.16
MW - 5	07/07/11	3,508.74	-	19.60	0.00	3,489.14
MW - 5	07/14/11	3,508.74	-	19.63	0.00	3,489.11
MW - 5	07/25/11	3,508.74	-	19.67	0.00	3,489.07
MW - 5	08/02/11	3,508.74	-	18.86	0.00	3,489.88
MW - 5	08/03/11	3,508.74	-	19.81	0.00	3,488.93
MW - 5	08/18/11	3,508.74	-	19.99	0.00	3,488.75
MW - 5	08/24/11	3,508.74	-	20.10	0.00	3,488.64
MW - 5	08/29/11	3,508.74	-	19.92	0.00	3,488.82
MW - 5	09/07/11	3,508.74	-	20.06	0.00	3,488.68
MW - 5	09/14/11	3,508.74	-	20.19	0.00	3,488.55
MW - 5	10/26/11	3,508.74	-	20.03	0.00	3,488.71
MW - 5	11/21/11	3,508.74	-	19.95	0.00	3,488.79
MW - 5	11/28/11	3,508.74	-	19.93	0.00	3,488.81
MW - 5	12/12/11	3,508.74	-	19.96	0.00	3,488.78
MW - 5	01/10/12	3,508.74	-	19.84	0.00	3,488.90
MW - 5	01/17/12	3,508.74	-	19.84	0.00	3,488.90
MW - 5	01/25/12	3,508.74	-	19.80	0.00	3,488.94
MW - 5	02/01/12	3,508.74	-	19.07	0.00	3,489.67
MW - 5	02/13/12	3,508.74	-	19.75	0.00	3,488.99
MW - 5	03/07/12	3,508.74	-	19.63	0.00	3,489.11
MW - 5	03/19/12	3,508.74	-	19.60	0.00	3,489.14
MW - 5	03/28/12	3,508.74	-	19.56	0.00	3,489.18
MW - 5	04/04/12	3,508.74	-	19.54	0.00	3,489.20
MW - 5	04/11/12	3,508.74	-	19.52	0.00	3,489.22
MW - 5	04/18/12	3,508.74	-	19.51	0.00	3,489.23
MW - 5	04/25/12	3,508.74	-	19.52	0.00	3,489.22
MW - 5	05/03/12	3,508.74	-	19.58	0.00	3,489.16
MW - 5	05/09/12	3,508.74	-	19.62	0.00	3,489.12
MW - 5	05/16/12	3,508.74	-	19.61	0.00	3,489.13

TABLE 1**Historical Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 5	05/24/12	3,508.74	-	19.56	0.00	3,489.18
MW - 5	06/01/12	3,508.74	-	19.57	0.00	3,489.17
MW - 5	06/06/12	3,508.74	-	19.54	0.00	3,489.20
MW - 5	06/14/12	3,508.74	-	19.63	0.00	3,489.11
MW - 5	06/20/12	3,508.74	-	19.63	0.00	3,489.11
MW - 5	06/26/12	3,508.74	-	19.67	0.00	3,489.07
MW - 5	07/11/12	3,508.74	-	19.86	0.00	3,488.88
MW - 5	07/18/12	3,508.74	-	19.93	0.00	3,488.81
MW - 5	08/02/12	3,508.74	-	20.07	0.00	3,488.67
MW - 5	08/07/12	3,508.74	-	20.00	0.00	3,488.74
MW - 5	08/17/12	3,508.74	-	20.15	0.00	3,488.59
MW - 5	09/06/12	3,508.74	-	20.21	0.00	3,488.53
MW - 5	09/11/12	3,508.74	-	20.24	0.00	3,488.50
MW - 5	09/25/12	3,508.74	-	20.31	0.00	3,488.43
MW - 5	10/02/12	3,508.74	-	20.29	0.00	3,488.45
MW - 5	10/09/12	3,508.74	-	20.23	0.00	3,488.51
MW - 5	10/17/12	3,508.74	-	20.15	0.00	3,488.59
MW - 5	10/24/12	3,508.74	-	20.12	0.00	3,488.62
MW - 5	11/01/12	3,508.74	-	20.07	0.00	3,488.67
MW - 5	11/14/12	3,508.74	-	20.00	0.00	3,488.74
MW - 5	02/14/13	3,508.74	-	19.82	0.00	3,488.92
MW - 5	03/19/13	3,508.74	-	19.75	0.00	3,488.99
MW - 5	04/04/13	3,508.74	-	19.71	0.00	3,489.03
MW - 5	04/09/13	3,508.74	-	19.71	0.00	3,489.03
MW - 5	04/17/13	3,508.74	-	19.70	0.00	3,489.04
MW - 5	04/23/13	3,508.74	-	19.70	0.00	3,489.04
MW - 5	04/30/13	3,508.74	-	19.68	0.00	3,489.06
MW - 5	04/30/13	3,508.74	-	19.66	0.00	3,489.08
MW - 5	05/08/13	3,508.74	-	19.65	0.00	3,489.09
MW - 5	05/09/13	3,508.74	-	19.67	0.00	3,489.07
MW - 5	05/14/13	3,508.74	-	19.66	0.00	3,489.08
MW - 5	05/22/13	3,508.74	-	19.64	0.00	3,489.10
MW - 5	05/29/13	3,508.74	-	19.66	0.00	3,489.08
MW - 5	06/05/13	3,508.74	-	19.72	0.00	3,489.02
MW - 5	06/11/13	3,508.74	-	19.75	0.00	3,488.99
MW - 5	06/19/13	3,508.74	-	19.79	0.00	3,488.95
MW - 5	06/28/13	3,508.74	-	19.93	0.00	3,488.81
MW - 5	07/01/13	3,508.74	-	19.96	0.00	3,488.78
MW - 5	07/11/13	3,508.74	-	20.07	0.00	3,488.67
MW - 5	07/23/13	3,508.74	-	20.08	0.00	3,488.66
MW - 5	07/30/13	3,508.74	-	20.03	0.00	3,488.71
MW - 5	08/08/13	3,508.74	-	20.01	0.00	3,488.73
MW - 5	08/14/13	3,508.74	-	20.07	0.00	3,488.67
MW - 5	08/22/13	3,508.74	-	20.11	0.00	3,488.63
MW - 5	08/27/13	3,508.74	-	20.17	0.00	3,488.57

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 5	09/05/13	3,508.74	-	20.22	0.00	3,488.52
MW - 5	09/10/13	3,508.74	-	20.28	0.00	3,488.46
MW - 5	09/17/13	3,508.74	-	20.32	0.00	3,488.42
MW - 5	09/24/13	3,508.74	-	20.32	0.00	3,488.42
MW - 5	10/07/13	3,508.74	-	20.38	0.00	3,488.36
MW - 5	10/23/13	3,508.74	-	20.26	0.00	3,488.48
MW - 5	10/30/13	3,508.74	-	20.21	0.00	3,488.53
MW - 5	11/06/13	3,508.74	-	20.18	0.00	3,488.56
MW - 5	11/14/13	3,508.74	-	20.10	0.00	3,488.64
MW - 5	11/21/13	3,508.74	-	20.10	0.00	3,488.64
MW - 5	12/12/13	3,508.74	-	20.05	0.00	3,488.69
MW - 5	12/19/13	3,508.74	-	20.01	0.00	3,488.73
MW - 5	12/24/13	3,508.74	-	19.99	0.00	3,488.75
MW - 5	01/03/14	3,508.74	-	19.95	0.00	3,488.79
MW - 5	01/06/14	3,508.74	-	20.02	0.00	3,488.72
MW - 5	01/13/14	3,508.74	-	19.98	0.00	3,488.76
MW - 5	01/21/14	3,508.74	-	19.97	0.00	3,488.77
MW - 5	01/27/14	3,508.74	-	19.98	0.00	3,488.76
MW - 5	02/05/14	3,509.64	-	19.92	0.00	3,489.72
MW - 5	02/10/14	3,509.64	-	20.95	0.00	3,488.69
MW - 5	02/24/14	3,509.64	-	19.87	0.00	3,489.77
MW - 5	03/17/14	3,509.64	-	19.80	0.00	3,489.84
MW - 5	03/25/14	3,509.64	-	19.82	0.00	3,489.82
MW - 5	04/02/14	3,509.64	-	19.78	0.00	3,489.86
MW - 5	04/16/14	3,509.64	-	19.73	0.00	3,489.91
MW - 5	04/22/14	3,509.64	-	19.73	0.00	3,489.91
MW - 5	04/29/14	3,509.64	-	19.74	0.00	3,489.90
MW - 5	05/06/14	3,509.64	-	19.71	0.00	3,489.93
MW - 5	05/07/14	3,509.64	-	19.73	0.00	3,489.91
MW - 5	05/13/14	3,509.64	-	19.74	0.00	3,489.90
MW - 5	05/21/14	3,509.64	-	19.77	0.00	3,489.87
MW - 5	05/29/14	3,509.64	-	19.80	0.00	3,489.84
MW - 5	06/05/14	3,509.64	-	19.88	0.00	3,489.76
MW - 5	06/11/14	3,509.64	-	19.97	0.00	3,489.67
MW - 5	06/16/14	3,509.64	-	20.05	0.00	3,489.59
MW - 5	06/24/14	3,509.64	-	20.14	0.00	3,489.50
MW - 5	07/01/14	3,509.64	-	20.22	0.00	3,489.42
MW - 5	07/08/14	3,509.64	-	20.26	0.00	3,489.38
MW - 5	07/15/14	3,509.64	-	20.32	0.00	3,489.32
MW - 5	07/22/14	3,509.64	-	20.39	0.00	3,489.25
MW - 5	07/23/14	3,509.64	-	20.39	0.00	3,489.25
MW - 5	07/31/14	3,509.64	-	20.42	0.00	3,489.22
MW - 5	08/07/14	3,509.64	-	20.44	0.00	3,489.20
MW - 5	08/13/14	3,509.64	-	20.46	0.00	3,489.18
MW - 5	08/16/14	3,509.64	-	20.47	0.00	3,489.17

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 5	08/20/14	3,509.64	-	20.49	0.00	3,489.15
MW - 5	08/27/14	3,509.64	-	20.51	0.00	3,489.13
MW - 5	09/24/14	3,509.64	-	19.80	0.00	3,489.84
MW - 5	10/01/14	3,509.64	-	19.44	0.00	3,490.20
MW - 5	10/07/14	3,509.64	-	19.34	0.00	3,490.30
MW - 5	10/14/14	3,509.64	-	19.28	0.00	3,490.36
MW - 5	10/20/14	3,509.64	-	19.27	0.00	3,490.37
MW - 5	10/27/14	3,509.64	-	19.25	0.00	3,490.39
MW - 5	10/28/14	3,509.64	-	18.71	0.00	3,490.93
MW - 5	11/11/14	3,509.64	-	19.27	0.00	3,490.37
MW - 5	11/19/14	3,509.64	-	19.19	0.00	3,490.45
MW - 5	12/04/14	3,509.64	-	19.21	0.00	3,490.43
MW - 5	12/08/14	3,509.64	-	19.25	0.00	3,490.39
MW - 5	12/15/14	3,509.64	-	19.26	0.00	3,490.38
MW - 5	12/22/14	3,509.64	-	19.22	0.00	3,490.42
MW - 5	12/29/14	3,509.64	-	19.24	0.00	3,490.40
MW - 5	01/05/15	3,509.64	-	19.25	0.00	3,490.39
MW - 5	01/12/15	3,509.64	-	19.27	0.00	3,490.37
MW - 5	01/19/15	3,509.64	-	19.23	0.00	3,490.41
MW - 5	02/12/15	3,509.64	-	19.25	0.00	3,490.39
MW - 5	03/03/15	3,509.64	-	19.22	0.00	3,490.42
MW - 5	03/09/15	3,509.64	-	19.22	0.00	3,490.42
MW - 5	03/16/15	3,509.64	-	19.21	0.00	3,490.43
MW - 5	03/23/15	3,509.64	-	19.21	0.00	3,490.43
MW - 5	02/04/15	3,509.64	-	19.25	0.00	3,490.39
MW - 5	03/30/15	3,509.64	-	19.18	0.00	3,490.46
MW - 5	04/04/15	3,509.64	-	19.23	0.00	3,490.41
MW - 5	04/07/15	3,509.64	-	19.19	0.00	3,490.45
MW - 5	04/13/15	3,509.64	-	19.19	0.00	3,490.45
MW - 5	04/20/15	3,509.64	-	19.14	0.00	3,490.50
MW - 5	04/27/15	3,509.64	-	19.15	0.00	3,490.49
MW - 5	05/07/15	3,509.64	-	19.11	0.00	3,490.53
MW - 5	05/11/15	3,509.64	-	19.10	0.00	3,490.54
MW - 5	05/18/15	3,509.64	-	19.07	0.00	3,490.57
MW - 5	05/21/15	3,509.64	-	19.09	0.00	3,490.55
MW - 5	05/29/15	3,509.64	-	19.15	0.00	3,490.49
MW - 5	06/03/15	3,509.64	-	19.12	0.00	3,490.52
MW - 5	06/08/15	3,509.64	-	19.13	0.00	3,490.51
MW - 5	06/15/15	3,509.64	-	19.15	0.00	3,490.49
MW - 5	06/18/15	3,509.64	-	19.18	0.00	3,490.46
MW - 5	06/25/15	3,509.64	-	19.17	0.00	3,490.47
MW - 5	07/01/15	3,509.64	-	19.10	0.00	3,490.54
MW - 5	07/03/15	3,509.64	-	19.21	0.00	3,490.43
MW - 5	07/08/15	3,509.64	-	19.17	0.00	3,490.47
MW - 5	07/14/15	3,509.64	-	19.20	0.00	3,490.44

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 5	07/20/15	3,509.64	-	19.43	0.00	3,490.21
MW - 5	07/28/15	3,509.64	-	19.29	0.00	3,490.35
MW - 5	08/04/15	3,509.64	-	19.51	0.00	3,490.13
MW - 5	08/10/15	3,509.64	-	19.46	0.00	3,490.18
MW - 5	08/17/15	3,509.64	-	19.63	0.00	3,490.01
MW - 5	08/25/15	3,509.64	-	18.73	0.00	3,490.91
MW - 5	08/31/15	3,509.64	-	18.74	0.00	3,490.90
MW - 5	09/08/15	3,509.64	-	19.57	0.00	3,490.07
MW - 5	09/15/15	3,509.64	-	19.58	0.00	3,490.06
MW - 5	09/24/15	3,509.64	-	19.76	0.00	3,489.88
MW - 5	09/28/15	3,509.64	-	19.73	0.00	3,489.91
MW - 5	10/06/15	3,509.64	-	19.77	0.00	3,489.87
MW - 5	10/12/15	3,509.64	-	19.82	0.00	3,489.82
MW - 5	10/23/15	3,509.64	-	19.55	0.00	3,490.09
MW - 5	10/26/15	3,509.64	-	19.37	0.00	3,490.27
MW - 5	11/06/15	3,509.64	-	19.29	0.00	3,490.35
MW - 5	11/10/15	3,509.64	-	19.25	0.00	3,490.39
MW - 5	11/12/15	3,509.64	-	19.28	0.00	3,490.36
MW - 5	12/07/15	3,509.64	-	19.15	0.00	3,490.49
MW - 5	12/10/15	3,509.64	-	19.16	0.00	3,490.48
MW - 5	01/05/16	3,509.64	-	19.29	0.00	3,490.35
MW - 5	01/08/16	3,509.64	-	19.24	0.00	3,490.40
MW - 5	01/12/16	3,509.64	-	19.15	0.00	3,490.49
MW - 5	01/18/16	3,509.64	-	19.26	0.00	3,490.38
MW - 5	01/25/16	3,509.64	-	19.25	0.00	3,490.39
MW - 5	02/01/16	3,509.64	-	19.19	0.00	3,490.45
MW - 5	02/04/16	3,509.64	-	19.15	0.00	3,490.49
MW - 5	02/08/16	3,509.64	-	19.31	0.00	3,490.33
MW - 5	02/15/16	3,509.64	-	19.18	0.00	3,490.46
MW - 5	02/22/16	3,509.64	-	19.14	0.00	3,490.50
MW - 5	03/03/16	3,509.64	-	19.20	0.00	3,490.44
MW - 5	03/07/16	3,509.64	-	19.24	0.00	3,490.40
MW - 5	03/10/16	3,509.64	-	19.14	0.00	3,490.50
MW - 5	03/15/16	3,509.64	-	19.18	0.00	3,490.46
MW - 5	03/21/16	3,509.64	-	19.12	0.00	3,490.52
MW - 5	03/28/16	3,509.64	-	19.09	0.00	3,490.55
MW - 5	04/06/16	3,509.64	-	19.12	0.00	3,490.52
MW - 5	04/12/16	3,509.64	-	19.05	0.00	3,490.59
MW - 5	04/18/16	3,509.64	-	19.13	0.00	3,490.51
MW - 5	04/26/16	3,509.64	-	18.91	0.00	3,490.73
MW - 5	05/02/16	3,509.64	-	18.90	0.00	3,490.74
MW - 5	05/04/16	3,509.64	-	18.90	0.00	3,490.74
MW - 5	05/12/16	3,509.64	-	18.92	0.00	3,490.72
MW - 5	05/16/16	3,509.64	-	18.89	0.00	3,490.75
MW - 5	05/23/16	3,509.64	-	19.02	0.00	3,490.62

TABLE 1

Historical Ground Water Elevation Data

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 5	06/01/16	3,509.64	-	18.95	0.00	3,490.69
MW - 5	06/07/16	3,509.64	-	19.02	0.00	3,490.62
MW - 5	06/13/16	3,509.64	-	18.89	0.00	3,490.75
MW - 5	06/17/16	3,509.64	-	19.30	0.00	3,490.34
MW - 5	06/28/16	3,509.64	-	19.27	0.00	3,490.37
MW - 5	07/07/16	3,509.64	-	19.60	0.00	3,490.04
MW - 5	07/12/16	3,509.64	-	19.50	0.00	3,490.14
MW - 5	07/19/16	3,509.64	-	19.48	0.00	3,490.16
MW - 5	08/01/16	3,509.64	-	19.64	0.00	3,490.00
MW - 5	08/08/16	3,509.64	-	19.69	0.00	3,489.95
MW - 5	08/17/16	Plugged and Abandoned				
MW - 5A	08/15/16	Installed				
MW - 5A		100.00	-	0.00	0.00	100.00
MW - 5A	08/24/16	100.00	-	19.50	0.00	80.50
MW - 5A	08/31/16	100.00	-	19.41	0.00	80.59
MW - 5A	09/07/16	100.00	-	18.78	0.00	81.22
MW - 5A	09/13/16	100.00	-	18.68	0.00	81.32
MW - 5A	09/22/16	100.00	-	18.10	0.00	81.90
MW - 5A	10/14/16	100.00	-	18.26	0.00	81.74
MW - 5A	10/26/16	100.00	-	18.38	0.00	81.62
MW - 5A	11/03/16	100.00	-	18.42	0.00	81.58
MW - 5A	11/07/16	100.00	-	18.34	0.00	81.66
MW - 5A	12/07/16	100.00	-	18.34	0.00	81.66
MW - 5A	12/13/16	100.00	-	18.34	0.00	81.66
MW - 5A	12/20/16	100.00	-	18.46	0.00	81.54
MW - 5A	01/04/17	100.00	-	18.35	0.00	81.65
MW - 5A	01/18/17	100.00	-	18.45	0.00	81.55
MW - 5A	01/27/17	100.00	-	18.54	0.00	81.46
MW - 5A	02/01/17	100.00	-	18.37	0.00	81.63
MW - 5A	02/08/17	100.00	-	18.44	0.00	81.56
MW - 5A	03/09/17	100.00	-	18.33	0.00	81.67
MW - 5A	03/14/17	100.00	-	18.42	0.00	81.58
MW - 5A	03/22/17	100.00	-	18.38	0.00	81.62
MW - 5A	04/11/17	100.00	-	18.36	0.00	81.64
MW - 5A	04/18/17	100.00	-	18.35	0.00	81.65
MW - 5A	05/02/17	100.00	-	18.36	0.00	81.64
MW - 5A	05/10/17	100.00	-	18.35	0.00	81.65
MW - 5A	06/05/17	100.00	-	18.51	0.00	81.49
MW - 5A	06/14/17	100.00	-	18.62	0.00	81.38
MW - 5A	06/22/17	100.00	-	18.69	0.00	81.31
MW - 5A	06/29/17	100.00	-	18.81	0.00	81.19
MW - 5A	07/05/17	100.00	-	18.85	0.00	81.15
MW - 5A	07/14/17	100.00	-	18.97	0.00	81.03
MW - 5A	07/18/17	100.00	-	18.96	0.00	81.04

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 5A	07/22/17	100.00	-	18.97	0.00	81.03
MW - 5A	08/11/17	100.00	-	18.95	0.00	81.05
MW - 5A	08/15/17	100.00	-	18.78	0.00	81.22
MW - 5A	09/01/17	100.00	-	18.65	0.00	81.35
MW - 5A	09/08/17	100.00	-	18.64	0.00	81.36
MW - 5A	09/15/17	100.00	-	18.64	0.00	81.36
MW - 5A	09/22/17	100.00	-	18.74	0.00	81.26
MW - 5A	10/06/17	100.00	-	18.57	0.00	81.43
MW - 5A	10/13/17	100.00	-	18.56	0.00	81.44
MW - 5A	10/18/17	100.00	-	18.56	0.00	81.44
MW - 5A	10/26/17	100.00	-	18.37	0.00	81.63
MW - 5A	11/02/17	100.00	-	18.44	0.00	81.56
MW - 5A	11/09/17	100.00	-	18.43	0.00	81.57
MW - 5A	12/08/17	100.00	-	18.46	0.00	81.54
MW - 5A	12/13/17	100.00	-	18.48	0.00	81.52
MW - 5A	12/21/17	100.00	-	18.48	0.00	81.52
MW - 5A	01/05/18	100.00	-	18.49	0.00	81.51
MW - 5A	01/09/18	100.00	-	18.46	0.00	81.54
MW - 5A	01/17/18	100.00	-	18.52	0.00	81.48
MW - 5A	01/24/18	100.00	-	18.51	0.00	81.49
MW - 5A	02/08/18	100.00	-	18.46	0.00	81.54
MW - 5A	02/15/18	100.00	-	18.44	0.00	81.56
MW - 5A	02/23/18	100.00	-	18.47	0.00	81.53
MW - 5A	03/02/18	100.00	-	18.40	0.00	81.60
MW - 5A	03/07/18	100.00	-	18.48	0.00	81.52
MW - 5A	03/15/18	100.00	-	18.39	0.00	81.61
MW - 5A	03/28/18	100.00	-	18.44	0.00	81.56
MW - 5A	04/04/18	100.00	-	18.38	0.00	81.62
MW - 5A	04/12/18	100.00	-	18.37	0.00	81.63
MW - 5A	04/18/18	100.00	-	18.41	0.00	81.59
MW - 5A	04/26/18	100.00	-	18.38	0.00	81.62
MW - 5A	05/03/18	100.00	-	18.38	0.00	81.62
MW - 5A	05/10/18	100.00	-	18.39	0.00	81.61
MW - 5A	05/25/18	100.00	-	18.60	0.00	81.40
MW - 5A	05/31/18	100.00	-	18.10	0.00	81.90
MW - 5A	06/06/18	100.00	-	18.77	0.00	81.23
MW - 5A	06/13/18	100.00	-	18.83	0.00	81.17
MW - 5A	06/22/18	100.00	-	18.88	0.00	81.12
MW - 5A	07/05/18	100.00	-	19.00	0.00	81.00
MW - 5A	07/11/18	100.00	-	19.04	0.00	80.96
MW - 5A	07/19/18	100.00	-	19.10	0.00	80.90
MW - 5A	08/03/18	100.00	-	19.22	0.00	80.78
MW - 5A	08/17/18	100.00	-	19.21	0.00	80.79
MW - 5A	08/22/18	100.00	-	19.23	0.00	80.77
MW - 5A	08/30/18	100.00	-	19.27	0.00	80.73

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 5A	09/13/18	100.00	-	19.23	0.00	80.77
MW - 5A	09/19/18	100.00	-	19.19	0.00	80.81
MW - 5A	10/17/18	100.00	-	19.23	0.00	80.77
MW - 5A	11/19/18	100.00	-	18.84	0.00	81.16
MW - 5A	11/26/18	100.00	-	18.82	0.00	81.18
MW - 5A	12/07/18	100.00	-	18.81	0.00	81.19
MW - 5A	12/13/18	100.00	-	18.88	0.00	81.12
MW - 5A	12/19/18	100.00	-	18.86	0.00	81.14
MW - 5A	01/02/19	100.00	-	18.81	0.00	81.19
MW - 5A	01/08/19	100.00	-	18.83	0.00	81.17
MW - 5A	01/15/19	100.00	-	18.77	0.00	81.23
MW - 5A	01/22/19	100.00	-	18.78	0.00	81.22
MW - 5A	02/06/19	100.00	-	18.68	0.00	81.32
MW - 5A	02/13/19	100.00	-	18.69	0.00	81.31
MW - 5A	02/18/19	100.00	-	18.74	0.00	81.26
MW - 5A	03/06/19	100.00	-	18.63	0.00	81.37
MW - 5A	03/27/19	100.00	-	18.64	0.00	81.36
MW - 5A	04/05/19	100.00	-	18.60	0.00	81.40
MW - 5A	04/11/19	100.00	-	18.56	0.00	81.44
MW - 5A	04/17/19	100.00	-	18.53	0.00	81.47
MW - 5A	05/03/19	100.00	-	18.52	0.00	81.48
MW - 5A	05/08/19	100.00	-	18.48	0.00	81.52
MW - 5A	05/17/19	100.00	-	18.49	0.00	81.51
MW - 5A	06/12/19	100.00	-	18.72	0.00	81.28
MW - 5A	06/18/19	100.00	-	18.79	0.00	81.21
MW - 5A	07/04/19	100.00	-	19.02	0.00	80.98
MW - 5A	07/12/19	100.00	-	19.08	0.00	80.92
MW - 5A	07/18/19	100.00	-	19.11	0.00	80.89
MW - 5A	07/24/19	100.00	-	19.12	0.00	80.88
MW - 5A	08/08/19	100.00	-	19.20	0.00	80.80
MW - 5A	09/12/19	100.00	-	19.41	0.00	80.59
MW - 5A	09/25/19	100.00	-	19.44	0.00	80.56
MW - 5A	10/08/19	100.00	-	19.16	0.00	80.84
MW - 5A	10/17/19	100.00	-	19.15	0.00	80.85
MW - 5A	10/24/19	100.00	-	19.19	0.00	80.81
MW - 5A	11/14/19	100.00	-	18.97	0.00	81.03
MW - 5A	11/26/19	100.00	-	18.91	0.00	81.09
MW - 5A	12/09/19	100.00	-	18.86	0.00	81.14
MW - 6	05/25/04	3,509.76	-	21.76	0.00	3,488.00
MW - 6	06/03/04	3,509.76	-	21.63	0.00	3,488.13
MW - 6	06/15/04	3,509.76	-	21.65	0.00	3,488.11
MW - 6	07/08/04	3,509.76	-	21.55	0.00	3,488.21
MW - 6	07/26/04	3,509.76	-	21.67	0.00	3,488.09
MW - 6	09/10/04	3,509.76	-	22.06	0.00	3,487.70

TABLE 1**Historical Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 6	09/21/04	3,509.76	-	22.25	0.00	3,487.51
MW - 6	10/04/04	3,509.76	-	21.39	0.00	3,488.37
MW - 6	10/15/04	3,509.76	-	21.25	0.00	3,488.51
MW - 6	11/09/04	3,509.76	-	21.46	0.00	3,488.30
MW - 6	11/16/04	3,509.76	-	21.27	0.00	3,488.49
MW - 6	12/07/04	3,509.76	-	21.23	0.00	3,488.53
MW - 6	12/17/04	3,509.76	-	21.29	0.00	3,488.47
MW - 6	01/07/05	3,509.76	-	21.07	0.00	3,488.69
MW - 6	02/21/05	3,509.76	-	20.91	0.00	3,488.85
MW - 6	03/29/05	3,509.76	-	20.68	0.00	3,489.08
MW - 6	04/22/05	3,509.76	-	20.74	0.00	3,489.02
MW - 6	05/06/05	3,509.76	-	20.59	0.00	3,489.17
MW - 6	05/11/05	3,509.76	-	20.60	0.00	3,489.16
MW - 6	07/19/05	3,509.76	-	20.60	0.00	3,489.16
MW - 6	08/16/05	3,509.76	-	20.62	0.00	3,489.14
MW - 6	10/05/05	3,509.76	-	20.65	0.00	3,489.11
MW - 6	11/15/05	3,509.76	-	20.50	0.00	3,489.26
MW - 6	02/15/06	3,509.76	-	20.35	0.00	3,489.41
MW - 6	03/13/06	3,509.76	-	20.36	0.00	3,489.40
MW - 6	03/22/06	3,509.76	NOT SAMPLED			
MW - 6	05/23/06	3,509.76	-	20.32	0.00	3,489.44
MW - 6	07/20/06	3,509.76	-	20.63	0.00	3,489.13
MW - 6	08/09/06	3,509.76	-	20.50	0.00	3,489.26
MW - 6	10/18/06	3,509.76	-	20.08	0.00	3,489.68
MW - 6	11/27/06	3,509.76	-	20.06	0.00	3,489.70
MW - 6	12/11/06	3,509.76	-	36.60	0.00	3,473.16
MW - 6	01/04/06	3,509.76	-	20.17	0.00	3,489.59
MW - 6	02/16/07	3,509.76	-	19.89	0.00	3,489.87
MW - 6	03/20/07	3,509.76	-	19.82	0.00	3,489.94
MW - 6	06/04/07	3,509.76	-	19.75	0.00	3,490.01
MW - 6	08/22/07	3,509.76	-	20.38	0.00	3,489.38
MW - 6	11/29/07	3,509.76	-	20.11	0.00	3,489.65
MW - 6	02/26/08	3,509.76	-	20.01	0.00	3,489.75
MW - 6	05/22/08	3,509.76	-	19.92	0.00	3,489.84
MW - 6	08/28/08	3,509.76	-	20.69	0.00	3,489.07
MW - 6	11/20/08	3,509.76	-	20.24	0.00	3,489.52
MW - 6	02/16/09	3,509.76	-	20.09	0.00	3,489.67
MW - 6	05/29/09	3,509.76	-	20.59	0.00	3,489.17
MW - 6	08/06/09	3,509.76	-	21.07	0.00	3,488.69
MW - 6	11/10/09	3,509.76	-	21.43	0.00	3,488.33
MW - 6	01/05/09	3,509.76	-	21.32	0.00	3,488.44
MW - 6	02/04/10	3,509.76	-	21.24	0.00	3,488.52
MW - 6	05/06/10	3,509.76	-	21.28	0.00	3,488.48
MW - 6	08/05/10	3,509.76	-	19.83	0.00	3,489.93
MW - 6	11/04/10	3,509.76	-	19.82	0.00	3,489.94

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 6	02/09/11	3,509.76	-	19.81	0.00	3,489.95
MW - 6	05/03/11	3,509.76	-	19.81	0.00	3,489.95
MW - 6	08/02/11	3,509.76	-	19.80	0.00	3,489.96
MW - 6	11/21/11	3,509.76	-	21.47	0.00	3,488.29
MW - 6	02/13/12	3,509.76	-	19.75	0.00	3,490.01
MW - 6	05/24/12	3,509.76	-	20.56	0.00	3,489.20
MW - 6	08/07/12	3,509.76	-	21.00	0.00	3,488.76
MW - 6	11/14/12	3,509.76	-	21.01	0.00	3,488.75
MW - 6	02/14/13	3,509.76	-	20.79	0.00	3,488.97
MW - 6	04/04/13	3,509.76	-	20.71	0.00	3,489.05
MW - 6	04/09/13	3,509.76	-	20.69	0.00	3,489.07
MW - 6	04/17/13	3,509.76	-	20.68	0.00	3,489.08
MW - 6	04/23/13	3,509.76	-	20.69	0.00	3,489.07
MW - 6	04/30/13	3,509.76	-	20.69	0.00	3,489.07
MW - 6	05/08/13	3,509.76	-	20.65	0.00	3,489.11
MW - 6	05/09/13	3,509.76	-	20.66	0.00	3,489.10
MW - 6	05/14/13	3,509.76	-	20.67	0.00	3,489.09
MW - 6	05/22/13	3,509.76	-	20.66	0.00	3,489.10
MW - 6	05/29/13	3,509.76	-	20.68	0.00	3,489.08
MW - 6	06/11/13	3,509.76	-	20.73	0.00	3,489.03
MW - 6	06/19/13	3,509.76	-	20.76	0.00	3,489.00
MW - 6	06/28/13	3,509.76	-	20.87	0.00	3,488.89
MW - 6	07/01/13	3,509.76	-	20.90	0.00	3,488.86
MW - 6	07/11/13	3,509.76	-	20.99	0.00	3,488.77
MW - 6	07/23/13	3,509.76	-	21.07	0.00	3,488.69
MW - 6	07/30/13	3,509.76	-	21.03	0.00	3,488.73
MW - 6	08/08/13	3,509.76	-	20.97	0.00	3,488.79
MW - 6	08/14/13	3,509.76	-	21.03	0.00	3,488.73
MW - 6	08/22/13	3,509.76	-	21.06	0.00	3,488.70
MW - 6	08/27/13	3,509.76	-	21.12	0.00	3,488.64
MW - 6	09/05/13	3,509.76	-	21.19	0.00	3,488.57
MW - 6	09/10/13	3,509.76	-	21.24	0.00	3,488.52
MW - 6	09/17/13	3,509.76	-	21.26	0.00	3,488.50
MW - 6	09/24/13	3,509.76	-	21.25	0.00	3,488.51
MW - 6	10/07/13	3,509.76	-	21.31	0.00	3,488.45
MW - 6	10/23/13	3,509.76	-	21.26	0.00	3,488.50
MW - 6	10/30/13	3,509.76	-	21.23	0.00	3,488.53
MW - 6	11/06/13	3,509.76	-	21.21	0.00	3,488.55
MW - 6	11/14/13	3,509.76	-	21.18	0.00	3,488.58
MW - 6	11/21/13	3,509.76	-	21.10	0.00	3,488.66
MW - 6	12/12/13	3,509.76	-	21.06	0.00	3,488.70
MW - 6	12/19/13	3,509.76	-	21.04	0.00	3,488.72
MW - 6	12/24/13	3,509.76	-	21.00	0.00	3,488.76
MW - 6	01/03/14	3,509.76	-	20.95	0.00	3,488.81
MW - 6	01/06/14	3,509.76	-	21.03	0.00	3,488.73

TABLE 1

Historical Ground Water Elevation Data

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 6	01/13/14	3,509.76	-	20.99	0.00	3,488.77
MW - 6	01/21/14	3,509.76	-	20.98	0.00	3,488.78
MW - 6	01/27/14	3,509.76	-	19.98	0.00	3,489.78
MW - 6	02/05/14	3,510.17	-	20.91	0.00	3,489.26
MW - 6	02/10/14	3,510.17	-	19.90	0.00	3,490.27
MW - 6	02/24/14	3,510.17	-	20.89	0.00	3,489.28
MW - 6	03/17/14	3,510.17	-	20.86	0.00	3,489.31
MW - 6	03/25/14	3,510.17	-	20.84	0.00	3,489.33
MW - 6	04/02/14	3,510.17	-	20.82	0.00	3,489.35
MW - 6	04/16/14	3,510.17	-	20.76	0.00	3,489.41
MW - 6	04/22/14	3,510.17	-	20.75	0.00	3,489.42
MW - 6	04/29/14	3,510.17	-	20.78	0.00	3,489.39
MW - 6	05/06/14	3,510.17	-	20.75	0.00	3,489.42
MW - 6	05/07/14	3,510.17	-	20.76	0.00	3,489.41
MW - 6	05/13/14	3,510.17	-	20.76	0.00	3,489.41
MW - 6	05/21/14	3,510.17	-	20.77	0.00	3,489.40
MW - 6	05/29/14	3,510.17	-	20.80	0.00	3,489.37
MW - 6	06/05/14	3,510.17	-	20.87	0.00	3,489.30
MW - 6	06/11/14	3,510.17	-	20.97	0.00	3,489.20
MW - 6	06/16/14	3,510.17	-	21.00	0.00	3,489.17
MW - 6	07/22/14	3,510.17	-	21.36	0.00	3,488.81
MW - 6	08/16/14	3,510.17	-	21.44	0.00	3,488.73
MW - 6	10/27/14	3,510.17	-	20.33	0.00	3,489.84
MW - 6	11/11/14	3,510.17	-	20.33	0.00	3,489.84
MW - 6	02/12/15	3,510.17	-	20.33	0.00	3,489.84
MW - 6	03/09/15	3,510.17	-	20.28	0.00	3,489.89
MW - 6	04/04/15	3,510.17	-	20.27	0.00	3,489.90
MW - 6	05/18/15	3,510.17	-	20.16	0.00	3,490.01
MW - 6	06/18/15	3,510.17	-	20.08	0.00	3,490.09
MW - 6	07/03/15	3,510.17	-	20.08	0.00	3,490.09
MW - 6	08/17/15	3,510.17	-	20.44	0.00	3,489.73
MW - 6	09/24/15	3,510.17	-	20.59	0.00	3,489.58
MW - 6	10/23/15	3,510.17	-	20.45	0.00	3,489.72
MW - 6	11/12/15	3,510.17	-	20.31	0.00	3,489.86
MW - 6	12/10/15	3,510.17	-	20.20	0.00	3,489.97
MW - 6	01/08/16	3,510.17	-	20.15	0.00	3,490.02
MW - 6	02/04/16	3,510.17	-	20.13	0.00	3,490.04
MW - 6	03/10/16	3,510.17	-	20.06	0.00	3,490.11
MW - 6	04/26/16	3,510.17	-	19.98	0.00	3,490.19
MW - 6	05/04/16	3,510.17	-	19.94	0.00	3,490.23
MW - 6	06/28/16	3,510.17	-	20.15	0.00	3,490.02
MW - 6	07/12/16	3,510.17	-	20.32	0.00	3,489.85
MW - 6	08/18/16	Plugged and Abandoned				
MW - 6A	08/16/16	Installed				

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 6A		100.00	-	0.00	0.00	100.00
MW - 6A	08/24/16	100.00	-	22.14	0.00	77.86
MW - 6A	08/31/16	100.00	-	22.03	0.00	77.97
MW - 6A	09/07/16	100.00	-	21.61	0.00	78.39
MW - 6A	09/13/16	100.00	-	21.46	0.00	78.54
MW - 6A	10/14/16	100.00	-	21.05	0.00	78.95
MW - 6A	10/26/16	100.00	-	21.05	0.00	78.95
MW - 6A	11/03/16	100.00	-	21.07	0.00	78.93
MW - 6A	11/07/16	100.00	-	21.06	0.00	78.94
MW - 6A	12/07/16	100.00	-	21.09	0.00	78.91
MW - 6A	12/13/16	100.00	-	21.09	0.00	78.91
MW - 6A	12/20/16	100.00	-	21.10	0.00	78.90
MW - 6A	01/04/17	100.00	-	21.08	0.00	78.92
MW - 6A	01/18/17	100.00	-	21.09	0.00	78.91
MW - 6A	01/27/17	100.00	-	21.12	0.00	78.88
MW - 6A	02/01/17	100.00	-	21.10	0.00	78.90
MW - 6A	02/08/17	100.00	-	21.09	0.00	78.91
MW - 6A	03/09/17	100.00	-	21.07	0.00	78.93
MW - 6A	03/14/17	100.00	-	21.06	0.00	78.94
MW - 6A	03/22/17	100.00	-	21.05	0.00	78.95
MW - 6A	04/11/17	100.00	-	21.04	0.00	78.96
MW - 6A	04/18/17	100.00	-	21.01	0.00	78.99
MW - 6A	05/02/17	100.00	-	20.99	0.00	79.01
MW - 6A	05/10/17	100.00	-	20.99	0.00	79.01
MW - 6A	06/05/17	100.00	-	21.09	0.00	78.91
MW - 6A	06/14/17	100.00	-	21.16	0.00	78.84
MW - 6A	06/22/17	100.00	-	19.83	0.00	80.17
MW - 6A	06/29/17	100.00	-	21.33	0.00	78.67
MW - 6A	07/05/17	100.00	-	21.40	0.00	78.60
MW - 6A	07/14/17	100.00	-	21.49	0.00	78.51
MW - 6A	07/18/17	100.00	-	21.51	0.00	78.49
MW - 6A	07/22/17	100.00	-	21.54	0.00	78.46
MW - 6A	08/11/17	100.00	-	21.56	0.00	78.44
MW - 6A	08/15/17	100.00	-	21.49	0.00	78.51
MW - 6A	09/01/17	100.00	-	21.38	0.00	78.62
MW - 6A	09/08/17	100.00	-	21.31	0.00	78.69
MW - 6A	09/15/17	100.00	-	21.34	0.00	78.66
MW - 6A	09/22/17	100.00	-	21.38	0.00	78.62
MW - 6A	10/06/17	100.00	-	21.30	0.00	78.70
MW - 6A	10/13/17	100.00	-	21.28	0.00	78.72
MW - 6A	10/18/17	100.00	-	21.27	0.00	78.73
MW - 6A	10/26/17	100.00	-	21.20	0.00	78.80
MW - 6A	11/02/17	100.00	-	21.21	0.00	78.79
MW - 6A	11/09/17	100.00	-	21.20	0.00	78.80
MW - 6A	12/08/17	100.00	-	21.20	0.00	78.80

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 6A	12/13/17	100.00	-	21.16	0.00	78.84
MW - 6A	12/21/17	100.00	-	21.16	0.00	78.84
MW - 6A	01/05/18	100.00	-	21.15	0.00	78.85
MW - 6A	01/09/18	100.00	-	21.14	0.00	78.86
MW - 6A	01/17/18	100.00	-	21.15	0.00	78.85
MW - 6A	01/24/18	100.00	-	21.15	0.00	78.85
MW - 6A	02/08/18	100.00	-	21.12	0.00	78.88
MW - 6A	02/15/18	100.00	-	21.10	0.00	78.90
MW - 6A	02/23/18	100.00	-	21.11	0.00	78.89
MW - 6A	03/02/18	100.00	-	21.11	0.00	78.89
MW - 6A	03/07/18	100.00	-	21.08	0.00	78.92
MW - 6A	03/15/18	100.00	-	21.06	0.00	78.94
MW - 6A	03/28/18	100.00	-	21.07	0.00	78.93
MW - 6A	04/04/18	100.00	-	21.08	0.00	78.92
MW - 6A	04/12/18	100.00	-	21.03	0.00	78.97
MW - 6A	04/18/18	100.00	-	21.07	0.00	78.93
MW - 6A	04/26/18	100.00	-	21.02	0.00	78.98
MW - 6A	05/03/18	100.00	-	21.04	0.00	78.96
MW - 6A	05/10/18	100.00	-	21.05	0.00	78.95
MW - 6A	05/25/18	100.00	-	21.20	0.00	78.80
MW - 6A	05/31/18	100.00	-	21.27	0.00	78.73
MW - 6A	06/06/18	100.00	-	21.35	0.00	78.65
MW - 6A	06/13/18	100.00	-	21.39	0.00	78.61
MW - 6A	06/22/18	100.00	-	21.48	0.00	78.52
MW - 6A	07/05/18	100.00	-	21.59	0.00	78.41
MW - 6A	07/11/18	100.00	-	21.62	0.00	78.38
MW - 6A	07/19/18	100.00	-	21.69	0.00	78.31
MW - 6A	08/03/18	100.00	-	21.76	0.00	78.24
MW - 6A	08/17/18	100.00	-	21.84	0.00	78.16
MW - 6A	08/23/18	100.00	-	21.87	0.00	78.13
MW - 6A	08/30/18	100.00	-	21.90	0.00	78.10
MW - 6A	09/13/18	100.00	-	21.92	0.00	78.08
MW - 6A	09/19/18	100.00	-	21.88	0.00	78.12
MW - 6A	10/17/18	100.00	-	21.87	0.00	78.13
MW - 6A	11/19/18	100.00	-	21.59	0.00	78.41
MW - 6A	11/26/18	100.00	-	21.57	0.00	78.43
MW - 6A	12/07/18	100.00	-	21.54	0.00	78.46
MW - 6A	12/13/18	100.00	-	21.56	0.00	78.44
MW - 6A	12/19/18	100.00	-	21.54	0.00	78.46
MW - 6A	01/02/19	100.00	-	21.49	0.00	78.51
MW - 6A	01/08/19	100.00	-	21.50	0.00	78.50
MW - 6A	01/15/19	100.00	-	21.47	0.00	78.53
MW - 6A	01/22/19	100.00	-	21.45	0.00	78.55
MW - 6A	02/06/19	100.00	-	21.42	0.00	78.58
MW - 6A	02/13/19	100.00	-	21.40	0.00	78.60

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 6A	02/18/19	100.00	-	21.41	0.00	78.59
MW - 6A	03/06/19	100.00	-	21.36	0.00	78.64
MW - 6A	03/14/19	100.00	-	21.38	0.00	78.62
MW - 6A	03/27/19	100.00	-	21.32	0.00	78.68
MW - 6A	04/05/19	100.00	-	21.31	0.00	78.69
MW - 6A	04/11/19	100.00	-	21.27	0.00	78.73
MW - 6A	04/17/19	100.00	-	21.25	0.00	78.75
MW - 6A	04/24/19	100.00	-	21.24	0.00	78.76
MW - 6A	05/03/19	100.00	-	21.23	0.00	78.77
MW - 6A	05/08/19	100.00	-	21.20	0.00	78.80
MW - 6A	05/17/19	100.00	-	21.20	0.00	78.80
MW - 6A	05/23/19	100.00	-	21.22	0.00	78.78
MW - 6A	05/31/19	100.00	-	21.28	0.00	78.72
MW - 6A	06/12/19	100.00	-	21.37	0.00	78.63
MW - 6A	06/18/19	100.00	-	21.44	0.00	78.56
MW - 6A	07/04/19	100.00	-	21.64	0.00	78.36
MW - 6A	07/12/19	100.00	-	21.71	0.00	78.29
MW - 6A	07/18/19	100.00	-	21.72	0.00	78.28
MW - 6A	07/24/19	100.00	-	21.76	0.00	78.24
MW - 6A	08/01/19	100.00	-	21.81	0.00	78.19
MW - 6A	08/08/19	100.00	-	21.84	0.00	78.16
MW - 6A	08/16/19	100.00	-	21.89	0.00	78.11
MW - 6A	08/22/19	100.00	-	21.95	0.00	78.05
MW - 6A	09/05/19	100.00	-	22.01	0.00	77.99
MW - 6A	09/12/19	100.00	-	22.05	0.00	77.95
MW - 6A	09/18/19	100.00	-	22.07	0.00	77.93
MW - 6A	09/25/19	100.00	-	22.07	0.00	77.93
MW - 6A	10/08/19	100.00	-	21.93	0.00	78.07
MW - 6A	10/17/19	100.00	-	21.85	0.00	78.15
MW - 6A	10/24/19	100.00	-	21.86	0.00	78.14
MW - 6A	11/14/19	100.00	-	21.74	0.00	78.26
MW - 6A	11/22/19	100.00	-	21.68	0.00	78.32
MW - 6A	11/26/19	100.00	-	21.66	0.00	78.34
MW - 6A	12/04/19	100.00	-	21.63	0.00	78.37
MW - 6A	12/09/19	100.00	-	21.63	0.00	78.37
MW - 7	05/25/04	3,507.38	-	19.37	0.00	3,488.01
MW - 7	06/03/04	3,507.38	-	19.37	0.00	3,488.01
MW - 7	06/15/04	3,507.38	-	19.40	0.00	3,487.98
MW - 7	07/08/04	3,507.38	-	19.36	0.00	3,488.02
MW - 7	07/26/04	3,507.38	-	19.49	0.00	3,487.89
MW - 7	09/10/06	3,507.38	-	19.67	0.00	3,487.71
MW - 7	09/21/04	3,507.38	-	19.75	0.00	3,487.63
MW - 7	10/04/04	3,507.38	-	19.25	0.00	3,488.13
MW - 7	10/15/04	3,507.38	-	19.07	0.00	3,488.31

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 7	11/09/04	3,507.38	-	19.09	0.00	3,488.29
MW - 7	11/16/04	3,507.38	-	19.10	0.00	3,488.28
MW - 7	12/07/04	3,507.38	-	18.94	0.00	3,488.44
MW - 7	12/17/04	3,507.38	-	18.89	0.00	3,488.49
MW - 7	01/07/05	3,507.38	-	18.79	0.00	3,488.59
MW - 7	02/21/05	3,507.38	-	18.57	0.00	3,488.81
MW - 7	03/29/05	3,507.38	-	18.23	0.00	3,489.15
MW - 7	04/22/05	3,507.38	-	18.33	0.00	3,489.05
MW - 7	05/06/05	3,507.38	-	18.23	0.00	3,489.15
MW - 7	05/11/05	3,507.38	-	18.24	0.00	3,489.14
MW - 7	07/19/05	3,507.38	-	18.24	0.00	3,489.14
MW - 7	08/16/05	3,507.38	-	18.35	0.00	3,489.03
MW - 7	10/05/05	3,507.38	-	18.25	0.00	3,489.13
MW - 7	11/15/05	3,507.38	-	18.14	0.00	3,489.24
MW - 7	02/15/06	3,507.38	-	18.04	0.00	3,489.34
MW - 7	03/13/06	3,507.38	-	18.05	0.00	3,489.33
MW - 7	03/22/06	3,507.38	NOT SAMPLED			
MW - 7	05/23/06	3,507.38	-	18.09	0.00	3,489.29
MW - 7	07/20/06	3,507.38	-	18.45	0.00	3,488.93
MW - 7	08/09/06	3,507.38	-	18.27	0.00	3,489.11
MW - 7	10/18/06	3,507.38	-	17.86	0.00	3,489.52
MW - 7	11/27/06	3,507.38	-	17.82	0.00	3,489.56
MW - 7	12/11/06	3,507.38	-	29.80	0.00	3,477.58
MW - 7	01/04/07	3,507.38	-	17.77	0.00	3,489.61
MW - 7	02/16/07	3,507.38	-	17.69	0.00	3,489.69
MW - 7	03/20/07	3,507.38	-	17.66	0.00	3,489.72
MW - 7	06/04/07	3,507.38	-	17.53	0.00	3,489.85
MW - 7	08/22/07	3,507.38	-	18.18	0.00	3,489.20
MW - 7	11/29/07	3,507.38	-	17.89	0.00	3,489.49
MW - 7	02/26/08	3,507.38	-	17.79	0.00	3,489.59
MW - 7	05/22/08	3,507.38	-	17.76	0.00	3,489.62
MW - 7	08/28/08	3,507.38	-	18.49	0.00	3,488.89
MW - 7	11/20/08	3,507.38	-	18.04	0.00	3,489.34
MW - 7	02/16/09	3,507.38	-	17.91	0.00	3,489.47
MW - 7	05/29/09	3,507.38	-	17.93	0.00	3,489.45
MW - 7	08/06/09	3,507.38	-	18.33	0.00	3,489.05
MW - 7	11/10/09	3,507.38	-	18.68	0.00	3,488.70
MW - 7	11/13/09	3,507.38	-	18.68	0.00	3,488.70
MW - 7	01/05/10	3,507.38	-	18.60	0.00	3,488.78
MW - 7	02/04/10	3,507.38	-	18.53	0.00	3,488.85
MW - 7	05/06/10	3,507.38	-	18.54	0.00	3,488.84
MW - 7	08/05/10	3,507.38	-	17.64	0.00	3,489.74
MW - 7	11/04/10	3,507.38	-	17.66	0.00	3,489.72
MW - 7	02/09/11	3,507.38	-	17.66	0.00	3,489.72
MW - 7	05/03/11	3,507.38	-	17.65	0.00	3,489.73

TABLE 1**Historical Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 7	05/19/11	3,507.38	-	18.16	0.00	3,489.22
MW - 7	05/25/11	3,507.38	-	18.24	0.00	3,489.14
MW - 7	06/06/11	3,507.38	-	18.29	0.00	3,489.09
MW - 7	06/13/11	3,507.38	-	18.21	0.00	3,489.17
MW - 7	06/27/11	3,507.38	-	18.28	0.00	3,489.10
MW - 7	07/07/11	3,507.38	-	18.42	0.00	3,488.96
MW - 7	07/14/11	3,507.38	-	18.51	0.00	3,488.87
MW - 7	07/25/11	3,507.38	-	18.54	0.00	3,488.84
MW - 7	08/02/11	3,507.38	-	17.64	0.00	3,489.74
MW - 7	08/03/11	3,507.38	-	18.67	0.00	3,488.71
MW - 7	08/18/11	3,507.38	-	18.79	0.00	3,488.59
MW - 7	08/24/11	3,507.38	-	18.84	0.00	3,488.54
MW - 7	08/29/11	3,507.38	-	18.71	0.00	3,488.67
MW - 7	09/07/11	3,507.38	-	18.82	0.00	3,488.56
MW - 7	09/14/11	3,507.38	-	18.84	0.00	3,488.54
MW - 7	10/26/11	3,507.38	-	18.84	0.00	3,488.54
MW - 7	11/21/11	3,507.38	-	18.80	0.00	3,488.58
MW - 7	11/28/11	3,507.38	-	18.81	0.00	3,488.57
MW - 7	12/12/11	3,507.38	-	18.80	0.00	3,488.58
MW - 7	01/10/12	3,507.38	-	18.71	0.00	3,488.67
MW - 7	01/17/12	3,507.38	-	18.70	0.00	3,488.68
MW - 7	01/25/12	3,507.38	-	18.69	0.00	3,488.69
MW - 7	02/01/12	3,507.38	-	18.66	0.00	3,488.72
MW - 7	02/13/12	3,507.38	-	18.62	0.00	3,488.76
MW - 7	03/07/12	3,507.38	-	18.52	0.00	3,488.86
MW - 7	03/19/12	3,507.38	-	18.49	0.00	3,488.89
MW - 7	03/28/12	3,507.38	-	18.45	0.00	3,488.93
MW - 7	04/04/12	3,507.38	-	18.44	0.00	3,488.94
MW - 7	04/11/12	3,507.38	-	18.43	0.00	3,488.95
MW - 7	04/18/12	3,507.38	-	18.42	0.00	3,488.96
MW - 7	04/25/12	3,507.38	-	18.43	0.00	3,488.95
MW - 7	05/03/12	3,507.38	-	18.47	0.00	3,488.91
MW - 7	05/09/12	3,507.38	-	18.53	0.00	3,488.85
MW - 7	05/16/12	3,507.38	-	18.51	0.00	3,488.87
MW - 7	05/24/12	3,507.38	-	18.47	0.00	3,488.91
MW - 7	06/01/12	3,507.38	-	18.47	0.00	3,488.91
MW - 7	06/06/12	3,507.38	-	18.46	0.00	3,488.92
MW - 7	06/14/12	3,507.38	-	18.52	0.00	3,488.86
MW - 7	06/20/12	3,507.38	-	18.52	0.00	3,488.86
MW - 7	06/26/12	3,507.38	-	18.55	0.00	3,488.83
MW - 7	07/11/12	3,507.38	-	18.73	0.00	3,488.65
MW - 7	07/18/12	3,507.38	-	18.80	0.00	3,488.58
MW - 7	08/02/12	3,507.38	-	18.88	0.00	3,488.50
MW - 7	08/07/12	3,507.38	-	18.91	0.00	3,488.47
MW - 7	08/17/12	3,507.38	-	18.94	0.00	3,488.44

TABLE 1**Historical Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 7	09/06/12	3,507.38	-	19.02	0.00	3,488.36
MW - 7	09/11/12	3,507.38	-	19.05	0.00	3,488.33
MW - 7	09/25/12	3,507.38	-	19.09	0.00	3,488.29
MW - 7	10/02/12	3,507.38	-	19.13	0.00	3,488.25
MW - 7	10/09/12	3,507.38	-	19.07	0.00	3,488.31
MW - 7	10/17/12	3,507.38	-	19.01	0.00	3,488.37
MW - 7	10/24/12	3,507.38	-	19.00	0.00	3,488.38
MW - 7	11/01/12	3,507.38	-	18.94	0.00	3,488.44
MW - 7	11/14/12	3,507.38	-	18.89	0.00	3,488.49
MW - 7	02/14/13	3,507.38	-	18.72	0.00	3,488.66
MW - 7	03/19/13	3,507.38	-	18.77	0.00	3,488.61
MW - 7	04/04/13	3,507.38	-	18.74	0.00	3,488.64
MW - 7	04/09/13	3,507.38	-	18.64	0.00	3,488.74
MW - 7	04/17/13	3,507.38	-	18.72	0.00	3,488.66
MW - 7	04/23/13	3,507.38	-	18.73	0.00	3,488.65
MW - 7	04/30/13	3,507.38	-	18.72	0.00	3,488.66
MW - 7	05/08/13	3,507.38	-	18.79	0.00	3,488.59
MW - 7	05/09/13	3,507.38	-	18.59	0.00	3,488.79
MW - 7	05/14/13	3,507.38	-	18.61	0.00	3,488.77
MW - 7	05/22/13	3,507.38	-	18.77	0.00	3,488.61
MW - 7	05/29/13	3,507.38	-	18.67	0.00	3,488.71
MW - 7	06/05/13	3,507.38	-	18.72	0.00	3,488.66
MW - 7	06/11/13	3,507.38	-	18.68	0.00	3,488.70
MW - 7	06/19/13	3,507.38	-	18.78	0.00	3,488.60
MW - 7	06/28/13	3,507.38	-	18.92	0.00	3,488.46
MW - 7	07/01/13	3,507.38	-	19.07	0.00	3,488.31
MW - 7	07/11/13	3,507.38	-	19.13	0.00	3,488.25
MW - 7	07/23/13	3,507.38	-	19.02	0.00	3,488.36
MW - 7	07/30/13	3,507.38	-	18.97	0.00	3,488.41
MW - 7	08/08/13	3,507.38	-	18.89	0.00	3,488.49
MW - 7	08/14/13	3,507.38	-	18.98	0.00	3,488.40
MW - 7	08/22/13	3,507.38	-	19.16	0.00	3,488.22
MW - 7	08/27/13	3,507.38	-	19.10	0.00	3,488.28
MW - 7	09/05/13	3,507.38	-	19.08	0.00	3,488.30
MW - 7	09/10/13	3,507.38	-	19.27	0.00	3,488.11
MW - 7	09/17/13	3,507.38	-	19.28	0.00	3,488.10
MW - 7	09/24/13	3,507.38	-	19.15	0.00	3,488.23
MW - 7	10/07/13	3,507.38	-	19.22	0.00	3,488.16
MW - 7	10/23/13	3,507.38	-	19.12	0.00	3,488.26
MW - 7	10/30/13	3,507.38	-	19.18	0.00	3,488.20
MW - 7	11/06/13	3,507.38	-	19.07	0.00	3,488.31
MW - 7	11/14/13	3,507.38	-	19.01	0.00	3,488.37
MW - 7	11/21/13	3,507.38	-	18.98	0.00	3,488.40
MW - 7	12/12/13	3,507.38	-	18.95	0.00	3,488.43
MW - 7	12/19/13	3,507.38	-	18.93	0.00	3,488.45

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 7	12/24/13	3,507.38	-	18.96	0.00	3,488.42
MW - 7	01/03/14	3,507.38	-	19.07	0.00	3,488.31
MW - 7	01/06/14	3,507.38	-	19.03	0.00	3,488.35
MW - 7	01/13/14	3,507.38	-	19.06	0.00	3,488.32
MW - 7	01/21/14	3,507.38	-	18.99	0.00	3,488.39
MW - 7	01/27/14	3,507.38	-	18.99	0.00	3,488.39
MW - 7	02/05/14	3,507.54	-	18.84	0.00	3,488.70
MW - 7	02/10/14	3,507.54	-	18.85	0.00	3,488.69
MW - 7	02/24/14	3,507.54	-	18.80	0.00	3,488.74
MW - 7	03/17/14	3,507.54	-	18.80	0.00	3,488.74
MW - 7	03/25/14	3,507.54	-	18.82	0.00	3,488.72
MW - 7	04/02/14	3,507.54	-	18.85	0.00	3,488.69
MW - 7	04/16/14	3,507.54	-	18.68	0.00	3,488.86
MW - 7	04/22/14	3,507.54	-	18.70	0.00	3,488.84
MW - 7	04/29/14	3,507.54	-	18.83	0.00	3,488.71
MW - 7	05/06/14	3,507.54	-	18.79	0.00	3,488.75
MW - 7	05/07/14	3,507.54	-	18.84	0.00	3,488.70
MW - 7	05/13/14	3,507.54	-	18.80	0.00	3,488.74
MW - 7	05/21/14	3,507.54	-	18.78	0.00	3,488.76
MW - 7	05/29/14	3,507.54	-	18.80	0.00	3,488.74
MW - 7	06/05/14	3,507.54	-	18.86	0.00	3,488.68
MW - 7	06/11/14	3,507.54	-	19.00	0.00	3,488.54
MW - 7	06/16/14	3,507.54	-	18.96	0.00	3,488.58
MW - 7	06/24/14	3,507.54	-	19.12	0.00	3,488.42
MW - 7	07/01/14	3,507.54	-	19.11	0.00	3,488.43
MW - 7	07/08/14	3,507.54	-	19.28	0.00	3,488.26
MW - 7	07/15/14	3,507.54	-	19.22	0.00	3,488.32
MW - 7	07/22/14	3,507.54	-	19.34	0.00	3,488.20
MW - 7	07/23/14	3,507.54	-	19.34	0.00	3,488.20
MW - 7	07/31/14	3,507.54	-	19.39	0.00	3,488.15
MW - 7	08/07/14	3,507.54	-	19.23	0.00	3,488.31
MW - 7	08/13/14	3,507.54	-	19.29	0.00	3,488.25
MW - 7	08/16/14	3,507.54	-	24.60	0.00	3,482.94
MW - 7	08/20/14	3,507.54	-	19.33	0.00	3,488.21
MW - 7	08/27/14	3,507.54	-	19.35	0.00	3,488.19
MW - 7	09/26/14	3,507.54	-	17.79	0.00	3,489.75
MW - 7	10/01/14	3,507.54	-	17.92	0.00	3,489.62
MW - 7	10/07/14	3,507.54	-	17.93	0.00	3,489.61
MW - 7	10/14/14	3,507.54	-	18.01	0.00	3,489.53
MW - 7	10/20/14	3,507.54	-	18.14	0.00	3,489.40
MW - 7	10/27/14	3,507.54	-	18.11	0.00	3,489.43
MW - 7	10/28/14	3,507.54	-	18.07	0.00	3,489.47
MW - 7	11/11/14	3,507.54	-	18.03	0.00	3,489.51
MW - 7	11/19/14	3,507.54	-	18.97	0.00	3,488.57
MW - 7	12/04/14	3,507.54	-	18.09	0.00	3,489.45

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 7	12/08/14	3,507.54	-	18.10	0.00	3,489.44
MW - 7	12/15/14	3,507.54	-	18.24	0.00	3,489.30
MW - 7	12/22/14	3,507.54	-	18.28	0.00	3,489.26
MW - 7	12/29/14	3,507.54	-	18.19	0.00	3,489.35
MW - 7	01/05/14	3,507.54	-	18.20	0.00	3,489.34
MW - 7	01/12/15	3,507.54	-	18.24	0.00	3,489.30
MW - 7	01/19/15	3,507.54	-	18.18	0.00	3,489.36
MW - 7	02/04/15	3,507.54	-	18.33	0.00	3,489.21
MW - 7	02/12/15	3,507.54	-	18.32	0.00	3,489.22
MW - 7	03/03/15	3,507.54	-	18.14	0.00	3,489.40
MW - 7	03/09/15	3,507.54	-	18.18	0.00	3,489.36
MW - 7	03/16/15	3,507.54	-	18.30	0.00	3,489.24
MW - 7	03/23/15	3,507.54	-	18.17	0.00	3,489.37
MW - 7	03/30/15	3,507.54	-	18.19	0.00	3,489.35
MW - 7	04/04/15	3,507.54	-	18.22	0.00	3,489.32
MW - 7	04/07/15	3,507.54	-	18.16	0.00	3,489.38
MW - 7	04/13/15	3,507.54	-	18.30	0.00	3,489.24
MW - 7	04/20/15	3,507.54	-	18.25	0.00	3,489.29
MW - 7	04/27/15	3,507.54	-	18.10	0.00	3,489.44
MW - 7	05/07/15	3,507.54	-	18.14	0.00	3,489.40
MW - 7	05/11/15	3,507.54	-	18.11	0.00	3,489.43
MW - 7	05/18/15	3,507.54	-	17.90	0.00	3,489.64
MW - 7	05/21/15	3,507.54	-	18.06	0.00	3,489.48
MW - 7	05/29/15	3,507.54	-	18.01	0.00	3,489.53
MW - 7	06/03/15	3,507.54	-	17.96	0.00	3,489.58
MW - 7	06/08/15	3,507.54	-	18.03	0.00	3,489.51
MW - 7	06/15/15	3,507.54	-	18.05	0.00	3,489.49
MW - 7	06/18/15	3,507.54	-	17.96	0.00	3,489.58
MW - 7	06/25/15	3,507.54	-	17.84	0.00	3,489.70
MW - 7	07/01/15	3,507.54	-	17.96	0.00	3,489.58
MW - 7	07/03/15	3,507.54	-	17.99	0.00	3,489.55
MW - 7	07/08/15	3,507.54	-	19.97	0.00	3,487.57
MW - 7	07/14/15	3,507.54	-	18.12	0.00	3,489.42
MW - 7	07/20/15	3,507.54	-	18.26	0.00	3,489.28
MW - 7	07/28/15	3,507.54	-	18.25	0.00	3,489.29
MW - 7	08/04/15	3,507.54	-	18.27	0.00	3,489.27
MW - 7	08/10/15	3,507.54	-	18.34	0.00	3,489.20
MW - 7	08/17/15	3,507.54	-	18.41	0.00	3,489.13
MW - 7	08/25/15	3,507.54	-	18.28	0.00	3,489.26
MW - 7	08/31/15	3,507.54	-	18.26	0.00	3,489.28
MW - 7	09/08/15	3,507.54	-	18.45	0.00	3,489.09
MW - 7	09/15/15	3,507.54	-	18.46	0.00	3,489.08
MW - 7	09/24/15	3,507.54	-	18.50	0.00	3,489.04
MW - 7	09/28/15	3,507.54	-	18.56	0.00	3,488.98
MW - 7	10/06/15	3,507.54	-	18.56	0.00	3,488.98

TABLE 1

Historical Ground Water Elevation Data

Plains Marketing, L.P.

34 Junction to Lea

Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 7	10/12/15	3,507.54	-	18.65	0.00	3,488.89
MW - 7	10/23/15	3,507.54	-	18.40	0.00	3,489.14
MW - 7	10/26/15	3,507.54	-	18.31	0.00	3,489.23
MW - 7	11/06/15	3,507.54	-	18.10	0.00	3,489.44
MW - 7	11/10/15	3,507.54	-	18.31	0.00	3,489.23
MW - 7	11/12/15	3,507.54	-	18.10	0.00	3,489.44
MW - 7	12/07/15	3,507.54	-	18.04	0.00	3,489.50
MW - 7	12/10/15	3,507.54	-	18.05	0.00	3,489.49
MW - 7	01/05/16	3,507.54	-	18.27	0.00	3,489.27
MW - 7	01/08/16	3,507.54	-	18.10	0.00	3,489.44
MW - 7	01/12/16	3,507.54	-	18.21	0.00	3,489.33
MW - 7	01/18/16	3,507.54	-	18.13	0.00	3,489.41
MW - 7	01/25/16	3,507.54	-	18.15	0.00	3,489.39
MW - 7	02/01/16	3,507.54	-	17.98	0.00	3,489.56
MW - 7	02/04/16	3,507.54	-	18.13	0.00	3,489.41
MW - 7	02/08/16	3,507.54	-	18.00	0.00	3,489.54
MW - 7	02/15/16	3,507.54	-	17.95	0.00	3,489.59
MW - 7	02/22/16	3,507.54	-	17.97	0.00	3,489.57
MW - 7	03/03/16	3,507.54	-	18.11	0.00	3,489.43
MW - 7	03/07/16	3,507.54	-	18.10	0.00	3,489.44
MW - 7	03/10/16	3,507.54	-	18.13	0.00	3,489.41
MW - 7	03/15/16	3,507.54	-	18.07	0.00	3,489.47
MW - 7	03/21/16	3,507.54	-	18.05	0.00	3,489.49
MW - 7	03/28/16	3,507.54	-	18.11	0.00	3,489.43
MW - 7	04/06/16	3,507.54	-	18.10	0.00	3,489.44
MW - 7	04/12/16	3,507.54	-	18.07	0.00	3,489.47
MW - 7	04/18/16	3,507.54	-	18.05	0.00	3,489.49
MW - 7	04/26/16	3,507.54	-	17.82	0.00	3,489.72
MW - 7	05/02/16	3,507.54	-	18.02	0.00	3,489.52
MW - 7	05/04/16	3,507.54	-	17.82	0.00	3,489.72
MW - 7	05/12/16	3,507.54	-	17.82	0.00	3,489.72
MW - 7	05/16/16	3,507.54	-	17.81	0.00	3,489.73
MW - 7	05/23/16	3,507.54	-	18.03	0.00	3,489.51
MW - 7	06/01/16	3,507.54	-	18.01	0.00	3,489.53
MW - 7	06/07/16	3,507.54	-	18.05	0.00	3,489.49
MW - 7	06/13/16	3,507.54	-	18.03	0.00	3,489.51
MW - 7	06/17/16	3,507.54	-	18.22	0.00	3,489.32
MW - 7	06/28/16	3,507.54	-	18.22	0.00	3,489.32
MW - 7	07/07/16	3,507.54	-	18.31	0.00	3,489.23
MW - 7	07/12/16	3,507.54	-	18.38	0.00	3,489.16
MW - 7	07/19/16	3,507.54	-	18.44	0.00	3,489.10
MW - 7	08/01/16	3,507.54	-	18.72	0.00	3,488.82
MW - 7	08/08/16	3,507.54	-	18.68	0.00	3,488.86
MW - 7	08/18/16	Plugged and Abandoned				

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 7A	08/16/16	Installed				
MW - 7A		100.00	-	0.00	0.00	100.00
MW - 7A	08/24/16	100.00	-	19.62	0.00	80.38
MW - 7A	08/31/16	100.00	-	18.81	0.00	81.19
MW - 7A	09/07/16	100.00	-	18.24	0.00	81.76
MW - 7A	09/13/16	100.00	-	18.38	0.00	81.62
MW - 7A	09/22/16	100.00	-	19.95	0.00	80.05
MW - 7A	10/14/16	100.00	-	18.32	0.00	81.68
MW - 7A	10/26/16	100.00	-	18.42	0.00	81.58
MW - 7A	11/03/16	100.00	-	18.48	0.00	81.52
MW - 7A	11/07/16	100.00	-	18.49	0.00	81.51
MW - 7A	12/07/16	100.00	-	18.53	0.00	81.47
MW - 7A	12/13/16	100.00	-	18.54	0.00	81.46
MW - 7A	12/20/16	100.00	-	18.58	0.00	81.42
MW - 7A	01/04/17	100.00	-	18.54	0.00	81.46
MW - 7A	01/18/17	100.00	-	18.59	0.00	81.41
MW - 7A	01/27/17	100.00	-	18.63	0.00	81.37
MW - 7A	02/01/17	100.00	-	18.57	0.00	81.43
MW - 7A	02/08/17	100.00	-	18.57	0.00	81.43
MW - 7A	03/09/17	100.00	-	18.55	0.00	81.45
MW - 7A	03/14/17	100.00	-	18.56	0.00	81.44
MW - 7A	03/22/17	100.00	-	18.54	0.00	81.46
MW - 7A	04/11/17	100.00	-	18.54	0.00	81.46
MW - 7A	04/18/17	100.00	-	18.52	0.00	81.48
MW - 7A	05/02/17	100.00	-	18.50	0.00	81.50
MW - 7A	05/10/17	100.00	-	18.51	0.00	81.49
MW - 7A	06/05/17	100.00	-	18.62	0.00	81.38
MW - 7A	06/14/17	100.00	-	18.68	0.00	81.32
MW - 7A	06/22/17	100.00	-	18.76	0.00	81.24
MW - 7A	06/29/17	100.00	-	18.83	0.00	81.17
MW - 7A	07/05/17	100.00	-	18.90	0.00	81.10
MW - 7A	07/14/17	100.00	-	18.98	0.00	81.02
MW - 7A	07/18/17	100.00	-	19.00	0.00	81.00
MW - 7A	07/22/17	100.00	-	19.05	0.00	80.95
MW - 7A	08/11/17	100.00	-	18.91	0.00	81.09
MW - 7A	08/15/17	100.00	-	18.81	0.00	81.19
MW - 7A	09/01/17	100.00	-	18.64	0.00	81.36
MW - 7A	09/08/17	100.00	-	18.63	0.00	81.37
MW - 7A	09/15/17	100.00	-	18.72	0.00	81.28
MW - 7A	09/22/17	100.00	-	18.80	0.00	81.20
MW - 7A	10/06/17	100.00	-	18.65	0.00	81.35
MW - 7A	10/13/17	100.00	-	18.63	0.00	81.37
MW - 7A	10/18/17	100.00	-	18.63	0.00	81.37
MW - 7A	10/26/17	100.00	-	18.63	0.00	81.37
MW - 7A	11/02/17	100.00	-	18.64	0.00	81.36

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 7A	11/09/17	100.00	-	18.65	0.00	81.35
MW - 7A	12/08/17	100.00	-	18.67	0.00	81.33
MW - 7A	12/13/17	100.00	-	18.64	0.00	81.36
MW - 7A	12/21/17	100.00	-	18.64	0.00	81.36
MW - 7A	01/05/18	100.00	-	18.64	0.00	81.36
MW - 7A	01/09/18	100.00	-	18.63	0.00	81.37
MW - 7A	01/17/18	100.00	-	18.65	0.00	81.35
MW - 7A	01/24/18	100.00	-	18.66	0.00	81.34
MW - 7A	02/08/18	100.00	-	18.64	0.00	81.36
MW - 7A	02/15/18	100.00	-	18.62	0.00	81.38
MW - 7A	02/23/18	100.00	-	18.62	0.00	81.38
MW - 7A	03/02/18	100.00	-	18.60	0.00	81.40
MW - 7A	03/07/18	100.00	-	18.61	0.00	81.39
MW - 7A	03/15/18	100.00	-	18.60	0.00	81.40
MW - 7A	03/28/18	100.00	-	18.57	0.00	81.43
MW - 7A	04/04/18	100.00	-	18.59	0.00	81.41
MW - 7A	04/12/18	100.00	-	18.54	0.00	81.46
MW - 7A	04/18/18	100.00	-	18.56	0.00	81.44
MW - 7A	04/26/18	100.00	-	18.55	0.00	81.45
MW - 7A	05/03/18	100.00	-	18.57	0.00	81.43
MW - 7A	05/10/18	100.00	-	18.59	0.00	81.41
MW - 7A	05/25/18	100.00	-	18.76	0.00	81.24
MW - 7A	05/31/18	100.00	-	18.83	0.00	81.17
MW - 7A	06/06/18	100.00	-	18.90	0.00	81.10
MW - 7A	06/13/18	100.00	-	18.96	0.00	81.04
MW - 7A	06/22/18	100.00	-	19.02	0.00	80.98
MW - 7A	07/05/18	100.00	-	19.13	0.00	80.87
MW - 7A	07/11/18	100.00	-	19.14	0.00	80.86
MW - 7A	07/19/18	100.00	-	19.20	0.00	80.80
MW - 7A	08/03/18	100.00	-	19.29	0.00	80.71
MW - 7A	08/17/18	100.00	-	19.35	0.00	80.65
MW - 7A	08/23/18	100.00	-	19.37	0.00	80.63
MW - 7A	08/30/18	100.00	-	19.40	0.00	80.60
MW - 7A	09/13/18	100.00	-	19.34	0.00	80.66
MW - 7A	09/19/18	100.00	-	19.29	0.00	80.71
MW - 7A	10/17/18	100.00	-	19.31	0.00	80.69
MW - 7A	11/19/18	100.00	-	19.00	0.00	81.00
MW - 7A	11/26/18	100.00	-	19.00	0.00	81.00
MW - 7A	12/07/18	100.00	-	18.99	0.00	81.01
MW - 7A	12/13/18	100.00	-	18.99	0.00	81.01
MW - 7A	12/19/18	100.00	-	18.98	0.00	81.02
MW - 7A	01/02/19	100.00	-	18.97	0.00	81.03
MW - 7A	01/08/19	100.00	-	18.98	0.00	81.02
MW - 7A	01/15/19	100.00	-	18.93	0.00	81.07
MW - 7A	01/22/19	100.00	-	18.93	0.00	81.07

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 7A	02/06/19	100.00	-	18.90	0.00	81.10
MW - 7A	02/13/19	100.00	-	18.88	0.00	81.12
MW - 7A	02/18/19	100.00	-	18.88	0.00	81.12
MW - 7A	03/06/19	100.00	-	18.86	0.00	81.14
MW - 7A	03/14/19	100.00	-	18.87	0.00	81.13
MW - 7A	03/27/19	100.00	-	18.79	0.00	81.21
MW - 7A	04/05/19	100.00	-	18.78	0.00	81.22
MW - 7A	04/11/19	100.00	-	18.75	0.00	81.25
MW - 7A	04/17/19	100.00	-	18.73	0.00	81.27
MW - 7A	05/03/19	100.00	-	18.72	0.00	81.28
MW - 7A	05/08/19	100.00	-	18.71	0.00	81.29
MW - 7A	05/17/19	100.00	-	18.72	0.00	81.28
MW - 7A	05/23/19	100.00	-	18.75	0.00	81.25
MW - 7A	06/12/19	100.00	-	18.89	0.00	81.11
MW - 7A	07/04/19	100.00	-	19.18	0.00	80.82
MW - 7A	07/12/19	100.00	-	19.19	0.00	80.81
MW - 7A	07/18/19	100.00	-	19.23	0.00	80.77
MW - 7A	08/01/19	100.00	-	19.30	0.00	80.70
MW - 7A	08/08/19	100.00	-	19.34	0.00	80.66
MW - 7A	09/12/19	100.00	-	19.54	0.00	80.46
MW - 7A	10/08/19	100.00	-	19.07	0.00	80.93
MW - 7A	11/26/19	100.00	-	19.02	0.00	80.98
MW - 7A	12/09/19	100.00	-	19.04	0.00	80.96
MW - 8	03/16/06	3,512.14	WELL INSTALLED 3/16/2006			N/A
MW - 8	03/22/06	3,512.14	-	22.87	0.00	3,489.27
MW - 8	05/23/06	3,512.14	-	23.23	0.00	3,488.91
MW - 8	07/20/06	3,512.14	-	23.62	0.00	3,488.52
MW - 8	08/09/06	3,512.14	-	23.48	0.00	3,488.66
MW - 8	10/18/06	3,512.14	-	23.04	0.00	3,489.10
MW - 8	11/27/06	3,512.14	-	23.00	0.00	3,489.14
MW - 8	12/11/06	3,512.14	-	23.00	0.00	3,489.14
MW - 8	01/04/07	3,512.14	-	22.92	0.00	3,489.22
MW - 8	02/16/07	3,512.14	-	22.81	0.00	3,489.33
MW - 8	03/20/07	3,512.14	-	22.77	0.00	3,489.37
MW - 8	06/04/07	3,512.14	-	22.66	0.00	3,489.48
MW - 8	08/22/07	3,512.14	-	23.34	0.00	3,488.80
MW - 8	11/29/07	3,512.14	-	23.04	0.00	3,489.10
MW - 8	02/26/08	3,512.14	-	22.88	0.00	3,489.26
MW - 8	05/22/08	3,512.14	-	22.84	0.00	3,489.30
MW - 8	08/28/08	3,512.14	-	23.58	0.00	3,488.56
MW - 8	11/20/08	3,512.14	-	23.15	0.00	3,488.99
MW - 8	02/16/09	3,512.14	-	22.98	0.00	3,489.16
MW - 8	05/29/09	3,512.14	-	22.92	0.00	3,489.22
MW - 8	08/06/09	3,512.14	-	23.41	0.00	3,488.73

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 8	11/10/09	3,512.14	-	23.79	0.00	3,488.35
MW - 8	01/05/10	3,512.14	-	23.66	0.00	3,488.48
MW - 8	02/04/10	3,512.14	-	23.58	0.00	3,488.56
MW - 8	05/06/10	3,512.14	-	23.54	0.00	3,488.60
MW - 8	08/05/10	3,512.14	-	22.78	0.00	3,489.36
MW - 8	11/04/10	3,512.14	-	22.80	0.00	3,489.34
MW - 8	02/09/11	3,512.14	-	22.78	0.00	3,489.36
MW - 8	05/03/11	3,512.14	-	22.77	0.00	3,489.37
MW - 8	08/02/11	3,512.14	-	22.78	0.00	3,489.36
MW - 8	11/21/11	3,512.14	-	23.83	0.00	3,488.31
MW - 8	02/13/12	3,512.14	-	23.64	0.00	3,488.50
MW - 8	05/24/12	3,512.14	-	23.46	0.00	3,488.68
MW - 8	08/07/12	3,512.14	-	23.90	0.00	3,488.24
MW - 8	11/14/12	3,512.14	-	23.92	0.00	3,488.22
MW - 8	02/14/13	3,512.14	-	23.71	0.00	3,488.43
MW - 8	05/09/13	3,512.14	-	23.56	0.00	3,488.58
MW - 8	08/08/13	3,512.14	-	23.89	0.00	3,488.25
MW - 8	11/21/13	3,512.14	-	24.02	0.00	3,488.12
MW - 8	02/24/14	3,513.26	-	23.79	0.00	3,489.47
MW - 8	05/07/14	3,513.26	-	23.65	0.00	3,489.61
MW - 8	07/22/14	3,513.26	-	24.26	0.00	3,489.00
MW - 8	08/16/14	3,513.26	-	24.36	0.00	3,488.90
MW - 8	10/27/14	3,513.26	-	23.36	0.00	3,489.90
MW - 8	11/11/14	3,513.26	-	23.34	0.00	3,489.92
MW - 8	02/12/15	3,513.26	-	23.26	0.00	3,490.00
MW - 8	03/09/15	3,513.26	-	23.23	0.00	3,490.03
MW - 8	04/04/15	3,513.26	-	23.20	0.00	3,490.06
MW - 8	05/18/15	3,513.26	-	23.08	0.00	3,490.18
MW - 8	06/18/15	3,513.26	-	23.01	0.00	3,490.25
MW - 8	07/03/15	3,513.26	-	23.03	0.00	3,490.23
MW - 8	08/17/15	3,513.26	-	23.40	0.00	3,489.86
MW - 8	09/24/15	3,513.26	-	23.56	0.00	3,489.70
MW - 8	10/23/15	3,513.26	-	23.42	0.00	3,489.84
MW - 8	11/12/15	3,513.26	-	23.27	0.00	3,489.99
MW - 8	12/10/15	3,513.26	-	23.20	0.00	3,490.06
MW - 8	01/08/16	3,513.26	-	23.09	0.00	3,490.17
MW - 8	02/04/16	3,513.26	-	23.06	0.00	3,490.20
MW - 8	03/10/16	3,513.26	-	23.00	0.00	3,490.26
MW - 8	04/26/16	3,513.26	-	22.89	0.00	3,490.37
MW - 8	05/04/16	3,513.26	-	22.88	0.00	3,490.38
MW - 8	06/28/16	3,513.26	-	23.12	0.00	3,490.14
MW - 8	07/12/16	3,513.26	-	23.29	0.00	3,489.97
MW - 8	08/17/16	3,513.26	-	0.00	0.00	3,513.26
MW - 8	08/24/16	3,513.26	-	23.63	0.00	3,489.63
MW - 8	09/07/16	3,513.26	-	23.20	0.00	3,490.06

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 8	10/14/16	3,513.26	-	22.61	0.00	3,490.65
MW - 8	11/07/16	3,513.26	-	22.58	0.00	3,490.68
MW - 8	12/07/16	3,513.26	-	22.58	0.00	3,490.68
MW - 8	12/20/16	3,513.26	-	22.58	0.00	3,490.68
MW - 8	01/18/17	3,513.26	-	22.57	0.00	3,490.69
MW - 8	02/08/17	3,513.26	-	22.56	0.00	3,490.70
MW - 8	03/14/17	3,513.26	-	22.52	0.00	3,490.74
MW - 8	05/02/17	3,513.26	-	22.45	0.00	3,490.81
MW - 8	05/10/17	3,513.26	-	22.45	0.00	3,490.81
MW - 8	06/22/17	3,513.26	-	22.73	0.00	3,490.53
MW - 8	07/05/17	3,513.26	-	22.87	0.00	3,490.39
MW - 8	08/15/17	3,513.26	-	22.49	0.00	3,490.77
MW - 8	09/08/17	3,513.26	-	22.82	0.00	3,490.44
MW - 8	10/18/17	3,513.26	-	22.74	0.00	3,490.52
MW - 8	11/09/17	3,513.26	-	22.69	0.00	3,490.57
MW - 8	12/21/17	3,513.26	-	22.61	0.00	3,490.65
MW - 8	01/09/18	3,513.26	-	22.59	0.00	3,490.67
MW - 8	02/08/18	3,513.26	-	22.56	0.00	3,490.70
MW - 8	03/07/18	3,513.26	-	22.53	0.00	3,490.73
MW - 8	04/12/18	3,513.26	-	22.46	0.00	3,490.80
MW - 8	05/03/18	3,513.26	-	22.46	0.00	3,490.80
MW - 8	06/06/18	3,513.26	-	22.80	0.00	3,490.46
MW - 8	06/06/18	3,513.26	-	22.80	0.00	3,490.46
MW - 8	07/11/18	3,513.26	-	23.08	0.00	3,490.18
MW - 8	08/22/18	3,513.26	-	23.35	0.00	3,489.91
MW - 8	09/13/18	3,513.26	-	23.41	0.00	3,489.85
MW - 8	11/26/18	3,513.26	-	23.04	0.00	3,490.22
MW - 8	12/13/18	3,513.26	-	22.98	0.00	3,490.28
MW - 8	01/02/19	3,513.26	-	22.94	0.00	3,490.32
MW - 8	02/06/19	3,513.26	-	22.85	0.00	3,490.41
MW - 8	03/06/19	3,513.26	-	22.80	0.00	3,490.46
MW - 8	04/05/19	3,513.26	-	22.74	0.00	3,490.52
MW - 8	05/08/19	3,513.26	-	22.64	0.00	3,490.62
MW - 8	06/12/19	3,513.26	-	22.82	0.00	3,490.44
MW - 8	07/04/19	3,513.26	-	23.10	0.00	3,490.16
MW - 8	08/08/19	3,513.26	-	23.32	0.00	3,489.94
MW - 8	09/12/19	3,513.26	-	23.52	0.00	3,489.74
MW - 8	10/08/19	3,513.26	-	23.45	0.00	3,489.81
MW - 8	11/26/19	3,513.26	-	23.14	0.00	3,490.12
MW - 8	12/09/19	3,513.26	-	23.10	0.00	3,490.16
MW - 9	03/16/06	3,509.34	WELL INSTALLED 3/16/2006			N/A
MW - 9	03/22/06	3,509.34	-	21.07	0.00	3,488.27
MW - 9	05/23/06	3,509.34	-	21.42	0.00	3,487.92
MW - 9	07/20/06	3,509.34	-	21.81	0.00	3,487.53

TABLE 1**Historical Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 9	08/09/06	3,509.34	-	21.61	0.00	3,487.73
MW - 9	10/18/06	3,509.34	-	21.31	0.00	3,488.03
MW - 9	11/27/06	3,509.34	-	21.16	0.00	3,488.18
MW - 9	12/11/06	3,509.34	-	21.23	0.00	3,488.11
MW - 9	01/04/07	3,509.34	-	21.11	0.00	3,488.23
MW - 9	02/16/07	3,509.34	-	20.99	0.00	3,488.35
MW - 9	03/20/07	3,509.34	-	20.94	0.00	3,488.40
MW - 9	06/04/07	3,509.34	-	20.87	0.00	3,488.47
MW - 9	08/22/07	3,509.34	-	21.50	0.00	3,487.84
MW - 9	11/29/07	3,509.34	-	21.19	0.00	3,488.15
MW - 9	02/26/08	3,509.34	-	21.08	0.00	3,488.26
MW - 9	05/22/08	3,509.34	-	21.10	0.00	3,488.24
MW - 9	08/28/08	3,509.34	-	21.74	0.00	3,487.60
MW - 9	11/20/08	3,509.34	-	21.36	0.00	3,487.98
MW - 9	02/16/09	3,509.34	-	21.12	0.00	3,488.22
MW - 9	05/29/09	3,509.34	-	21.17	0.00	3,488.17
MW - 9	08/06/09	3,509.34	-	21.59	0.00	3,487.75
MW - 9	11/10/09	3,509.34	-	21.95	0.00	3,487.39
MW - 9	01/05/10	3,509.34	-	21.88	0.00	3,487.46
MW - 9	02/04/10	3,509.34	-	21.83	0.00	3,487.51
MW - 9	05/06/10	3,509.34	-	21.32	0.00	3,488.02
MW - 9	08/05/10	3,509.34	-	21.06	0.00	3,488.28
MW - 9	11/04/10	3,509.34	-	21.09	0.00	3,488.25
MW - 9	02/09/11	3,509.34	-	21.06	0.00	3,488.28
MW - 9	05/03/11	3,509.34	-	21.04	0.00	3,488.30
MW - 9	08/02/11	3,509.34	-	21.02	0.00	3,488.32
MW - 9	11/21/11	3,509.34	-	22.05	0.00	3,487.29
MW - 9	02/13/12	3,509.34	-	21.92	0.00	3,487.42
MW - 9	05/24/12	3,509.34	-	21.75	0.00	3,487.59
MW - 9	08/07/12	3,509.34	-	22.19	0.00	3,487.15
MW - 9	11/14/12	3,509.34	-	22.19	0.00	3,487.15
MW - 9	02/14/13	3,509.34	-	27.01	0.00	3,482.33
MW - 9	05/09/13	3,509.34	-	21.89	0.00	3,487.45
MW - 9	08/08/13	3,509.34	-	22.18	0.00	3,487.16
MW - 9	11/21/13	3,509.34	-	22.29	0.00	3,487.05
MW - 9	02/24/14	3,510.47	-	22.10	0.00	3,488.37
MW - 9	05/07/14	3,510.47	-	21.97	0.00	3,488.50
MW - 9	07/22/14	3,510.47	-	22.53	0.00	3,487.94
MW - 9	08/16/14	3,510.47	-	22.59	0.00	3,487.88
MW - 9	10/27/14	3,510.47	-	21.33	0.00	3,489.14
MW - 9	11/11/14	3,510.47	-	21.29	0.00	3,489.18
MW - 9	02/12/15	3,510.47	-	21.47	0.00	3,489.00
MW - 9	03/09/15	3,510.47	-	21.45	0.00	3,489.02
MW - 9	04/04/15	3,510.47	-	21.44	0.00	3,489.03
MW - 9	05/18/15	3,510.47	-	21.20	0.00	3,489.27

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 9	06/18/15	3,510.47	-	21.18	0.00	3,489.29
MW - 9	07/03/15	3,510.47	-	21.14	0.00	3,489.33
MW - 9	08/17/15	3,510.47	-	21.54	0.00	3,488.93
MW - 9	09/24/15	3,510.47	-	21.67	0.00	3,488.80
MW - 9	10/23/15	3,510.47	-	21.52	0.00	3,488.95
MW - 9	11/12/15	3,510.47	-	21.38	0.00	3,489.09
MW - 9	12/10/15	3,510.47	-	21.32	0.00	3,489.15
MW - 9	01/08/16	3,510.47	-	21.28	0.00	3,489.19
MW - 9	02/04/16	3,510.47	-	21.24	0.00	3,489.23
MW - 9	03/10/16	3,510.47	-	21.16	0.00	3,489.31
MW - 9	04/26/16	3,510.47	-	21.09	0.00	3,489.38
MW - 9	05/04/16	3,510.47	-	21.09	0.00	3,489.38
MW - 9	06/28/16	3,510.47	-	21.24	0.00	3,489.23
MW - 9	07/12/16	3,510.47	-	21.43	0.00	3,489.04
MW - 9	08/17/16	100.00	-	0.00	0.00	100.00
MW - 9	08/24/16	100.00	-	20.73	0.00	79.27
MW - 9	09/07/16	100.00	-	19.32	0.00	80.68
MW - 9	10/14/16	100.00	-	19.49	0.00	80.51
MW - 9	11/07/16	100.00	-	19.64	0.00	80.36
MW - 9	12/07/16	100.00	-	19.70	0.00	80.30
MW - 9	12/20/16	100.00	-	19.71	0.00	80.29
MW - 9	01/18/17	100.00	-	19.71	0.00	80.29
MW - 9	02/08/17	100.00	-	19.70	0.00	80.30
MW - 9	03/14/17	100.00	-	19.68	0.00	80.32
MW - 9	05/02/17	100.00	-	19.61	0.00	80.39
MW - 9	05/10/17	100.00	-	19.63	0.00	80.37
MW - 9	06/22/17	100.00	-	19.83	0.00	80.17
MW - 9	07/05/17	100.00	-	19.96	0.00	80.04
MW - 9	08/15/17	100.00	-	19.84	0.00	80.16
MW - 9	09/08/17	100.00	-	19.69	0.00	80.31
MW - 9	10/18/17	100.00	-	19.71	0.00	80.29
MW - 9	11/09/17	100.00	-	19.78	0.00	80.22
MW - 9	12/21/17	100.00	-	19.76	0.00	80.24
MW - 9	01/09/18	100.00	-	19.75	0.00	80.25
MW - 9	02/08/18	100.00	-	19.74	0.00	80.26
MW - 9	03/07/18	100.00	-	19.72	0.00	80.28
MW - 9	04/12/18	100.00	-	19.66	0.00	80.34
MW - 9	05/03/18	100.00	-	19.68	0.00	80.32
MW - 9	06/06/18	100.00	-	20.00	0.00	80.00
MW - 9	07/11/18	100.00	-	20.24	0.00	79.76
MW - 9	08/22/18	100.00	-	20.49	0.00	79.51
MW - 9	09/13/18	100.00	-	20.45	0.00	79.55
MW - 9	11/26/18	100.00	-	20.12	0.00	79.88
MW - 9	12/13/18	100.00	-	20.14	0.00	79.86
MW - 9	01/02/19	100.00	-	20.09	0.00	79.91

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 9	02/06/19	100.00	-	20.05	0.00	79.95
MW - 9	03/06/19	100.00	-	20.00	0.00	80.00
MW - 9	04/05/19	100.00	-	19.91	0.00	80.09
MW - 9	05/08/19	100.00	-	19.84	0.00	80.16
MW - 9	06/12/19	100.00	-	20.00	0.00	80.00
MW - 9	07/04/19	100.00	-	20.28	0.00	79.72
MW - 9	08/08/19	100.00	-	20.44	0.00	79.56
MW - 9	09/12/19	100.00	-	20.63	0.00	79.37
MW - 9	10/08/19	100.00	-	20.17	0.00	79.83
MW - 9	11/26/19	100.00	-	20.15	0.00	79.85
MW - 9	12/09/19	100.00	-	20.19	0.00	79.81
MW - 10	03/16/06	3,506.66	WELL INSTALLED 3/16/2006			N/A
MW - 10	03/22/06	3,506.66	-	18.22	0.00	3,488.44
MW - 10	05/23/06	3,506.66	-	18.57	0.00	3,488.09
MW - 10	07/20/06	3,506.66	-	18.98	0.00	3,487.68
MW - 10	08/09/06	3,506.66	-	18.78	0.00	3,487.88
MW - 10	10/18/06	3,506.66	-	18.37	0.00	3,488.29
MW - 10	11/27/06	3,506.66	-	18.30	0.00	3,488.36
MW - 10	12/11/06	3,506.66	-	18.33	0.00	3,488.33
MW - 10	01/04/07	3,506.66	-	18.28	0.00	3,488.38
MW - 10	02/16/07	3,506.66	-	18.16	0.00	3,488.50
MW - 10	03/20/07	3,506.66	-	18.10	0.00	3,488.56
MW - 10	06/04/07	3,506.66	-	18.04	0.00	3,488.62
MW - 10	08/22/07	3,506.66	-	18.73	0.00	3,487.93
MW - 10	11/29/07	3,506.66	-	18.40	0.00	3,488.26
MW - 10	02/26/08	3,506.66	-	18.30	0.00	3,488.36
MW - 10	05/22/08	3,506.66	-	18.28	0.00	3,488.38
MW - 10	08/28/08	3,506.66	-	19.01	0.00	3,487.65
MW - 10	11/20/08	3,506.66	-	18.57	0.00	3,488.09
MW - 10	02/16/09	3,506.66	-	18.42	0.00	3,488.24
MW - 10	05/29/09	3,506.66	-	18.47	0.00	3,488.19
MW - 10	08/06/09	3,506.66	-	18.84	0.00	3,487.82
MW - 10	11/10/09	3,506.66	-	19.20	0.00	3,487.46
MW - 10	01/05/10	3,506.66	-	19.12	0.00	3,487.54
MW - 10	02/04/10	3,506.66	-	19.05	0.00	3,487.61
MW - 10	05/06/10	3,506.66	-	19.16	0.00	3,487.50
MW - 10	08/05/10	3,506.66	-	18.17	0.00	3,488.49
MW - 10	11/04/10	3,506.66	-	18.16	0.00	3,488.50
MW - 10	02/09/11	3,506.66	-	18.16	0.00	3,488.50
MW - 10	05/03/11	3,506.66	-	18.13	0.00	3,488.53
MW - 10	05/19/11	3,506.66	-	18.70	0.00	3,487.96
MW - 10	05/25/11	3,506.66	-	18.78	0.00	3,487.88
MW - 10	06/06/11	3,506.66	-	18.84	0.00	3,487.82
MW - 10	06/13/11	3,506.66	-	18.79	0.00	3,487.87

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 10	06/27/11	3,506.66	-	18.82	0.00	3,487.84
MW - 10	07/07/11	3,506.66	-	19.02	0.00	3,487.64
MW - 10	07/14/11	3,506.66	-	19.09	0.00	3,487.57
MW - 10	07/25/11	3,506.66	-	19.18	0.00	3,487.48
MW - 10	08/02/11	3,506.66	-	18.13	0.00	3,488.53
MW - 10	08/03/11	3,506.66	-	19.22	0.00	3,487.44
MW - 10	08/18/11	3,506.66	-	19.38	0.00	3,487.28
MW - 10	08/24/11	3,506.66	-	19.47	0.00	3,487.19
MW - 10	08/29/11	3,506.66	-	19.30	0.00	3,487.36
MW - 10	09/07/11	3,506.66	-	19.38	0.00	3,487.28
MW - 10	09/14/11	3,506.66	-	19.38	0.00	3,487.28
MW - 10	10/26/11	3,506.66	-	19.38	0.00	3,487.28
MW - 10	11/21/11	3,506.66	-	19.30	0.00	3,487.36
MW - 10	11/28/11	3,506.66	-	19.32	0.00	3,487.34
MW - 10	12/12/11	3,506.66	-	19.33	0.00	3,487.33
MW - 10	01/10/12	3,506.66	-	19.23	0.00	3,487.43
MW - 10	01/17/12	3,506.66	-	19.23	0.00	3,487.43
MW - 10	01/25/12	3,506.66	-	19.20	0.00	3,487.46
MW - 10	02/01/12	3,506.66	-	19.17	0.00	3,487.49
MW - 10	02/13/12	3,506.66	-	19.15	0.00	3,487.51
MW - 10	03/07/12	3,506.66	-	19.05	0.00	3,487.61
MW - 10	03/19/12	3,506.66	-	19.00	0.00	3,487.66
MW - 10	03/28/12	3,506.66	-	18.57	0.00	3,488.09
MW - 10	04/04/12	3,506.66	-	18.96	0.00	3,487.70
MW - 10	04/11/12	3,506.66	-	18.95	0.00	3,487.71
MW - 10	04/18/12	3,506.66	-	18.95	0.00	3,487.71
MW - 10	04/25/12	3,506.66	-	18.99	0.00	3,487.67
MW - 10	05/03/12	3,506.66	-	19.03	0.00	3,487.63
MW - 10	05/09/12	3,506.66	-	19.07	0.00	3,487.59
MW - 10	05/16/12	3,506.66	-	19.05	0.00	3,487.61
MW - 10	05/24/12	3,506.66	-	19.00	0.00	3,487.66
MW - 10	06/01/12	3,506.66	-	19.01	0.00	3,487.65
MW - 10	06/06/12	3,506.66	-	19.01	0.00	3,487.65
MW - 10	06/14/12	3,506.66	-	19.08	0.00	3,487.58
MW - 10	06/20/12	3,506.66	-	19.06	0.00	3,487.60
MW - 10	06/26/12	3,506.66	-	19.11	0.00	3,487.55
MW - 10	07/11/12	3,506.66	-	19.26	0.00	3,487.40
MW - 10	07/18/12	3,506.66	-	19.36	0.00	3,487.30
MW - 10	08/02/12	3,506.66	-	19.43	0.00	3,487.23
MW - 10	08/07/12	3,506.66	-	19.40	0.00	3,487.26
MW - 10	08/17/12	3,506.66	-	19.50	0.00	3,487.16
MW - 10	09/06/12	3,506.66	-	19.57	0.00	3,487.09
MW - 10	09/11/12	3,506.66	-	19.59	0.00	3,487.07
MW - 10	09/25/12	3,506.66	-	19.65	0.00	3,487.01
MW - 10	10/02/12	3,506.66	-	19.66	0.00	3,487.00

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 10	10/09/12	3,506.66	-	19.59	0.00	3,487.07
MW - 10	10/17/12	3,506.66	-	19.53	0.00	3,487.13
MW - 10	10/24/12	3,506.66	-	19.57	0.00	3,487.09
MW - 10	11/01/12	3,506.66	-	19.47	0.00	3,487.19
MW - 10	11/14/12	3,506.66	-	19.42	0.00	3,487.24
MW - 10	02/14/13	3,506.66	-	19.26	0.00	3,487.40
MW - 10	03/19/13	3,506.66	-	19.21	0.00	3,487.45
MW - 10	04/04/13	3,506.66	-	19.18	0.00	3,487.48
MW - 10	04/09/13	3,506.66	-	19.17	0.00	3,487.49
MW - 10	04/17/13	3,506.66	-	19.16	0.00	3,487.50
MW - 10	04/23/13	3,506.66	-	19.17	0.00	3,487.49
MW - 10	04/30/13	3,506.66	-	19.15	0.00	3,487.51
MW - 10	05/08/13	3,506.66	-	19.14	0.00	3,487.52
MW - 10	05/09/13	3,506.66	-	19.14	0.00	3,487.52
MW - 10	05/14/13	3,506.66	-	19.15	0.00	3,487.51
MW - 10	05/22/13	3,506.66	-	19.14	0.00	3,487.52
MW - 10	05/29/13	3,506.66	-	19.15	0.00	3,487.51
MW - 10	06/05/13	3,506.66	-	19.21	0.00	3,487.45
MW - 10	06/11/13	3,506.66	-	19.22	0.00	3,487.44
MW - 10	06/19/13	3,506.66	-	19.22	0.00	3,487.44
MW - 10	06/28/13	3,506.66	-	19.36	0.00	3,487.30
MW - 10	07/01/13	3,506.66	-	19.38	0.00	3,487.28
MW - 10	07/11/13	3,506.66	-	19.50	0.00	3,487.16
MW - 10	07/23/13	3,506.66	-	19.48	0.00	3,487.18
MW - 10	07/30/13	3,506.66	-	19.47	0.00	3,487.19
MW - 10	08/08/13	3,506.66	-	19.44	0.00	3,487.22
MW - 10	08/14/13	3,506.66	-	19.47	0.00	3,487.19
MW - 10	08/22/13	3,506.66	-	19.54	0.00	3,487.12
MW - 10	08/27/13	3,506.66	-	19.58	0.00	3,487.08
MW - 10	09/05/13	3,506.66	-	19.63	0.00	3,487.03
MW - 10	09/10/13	3,506.66	-	19.67	0.00	3,486.99
MW - 10	09/17/13	3,506.66	-	19.69	0.00	3,486.97
MW - 10	09/24/13	3,506.66	-	19.69	0.00	3,486.97
MW - 10	10/07/13	3,506.66	-	19.74	0.00	3,486.92
MW - 10	10/23/13	3,506.66	-	19.62	0.00	3,487.04
MW - 10	10/30/13	3,506.66	-	19.60	0.00	3,487.06
MW - 10	11/06/13	3,506.66	-	19.58	0.00	3,487.08
MW - 10	11/14/13	3,506.66	-	19.55	0.00	3,487.11
MW - 10	11/21/13	3,506.66	-	19.53	0.00	3,487.13
MW - 10	12/12/13	3,506.66	-	19.49	0.00	3,487.17
MW - 10	12/19/13	3,506.66	-	19.47	0.00	3,487.19
MW - 10	12/24/13	3,506.66	-	19.45	0.00	3,487.21
MW - 10	01/03/14	3,506.66	-	19.43	0.00	3,487.23
MW - 10	01/06/14	3,506.66	-	19.48	0.00	3,487.18
MW - 10	01/13/14	3,506.66	-	19.46	0.00	3,487.20

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 10	01/21/14	3,506.66	-	19.45	0.00	3,487.21
MW - 10	01/27/14	3,506.66	-	19.45	0.00	3,487.21
MW - 10	02/05/14	3,507.79	-	19.38	0.00	3,488.41
MW - 10	02/10/14	3,507.79	-	19.38	0.00	3,488.41
MW - 10	02/24/14	3,507.79	-	19.34	0.00	3,488.45
MW - 10	03/17/14	3,507.79	-	19.30	0.00	3,488.49
MW - 10	03/25/14	3,507.79	-	19.31	0.00	3,488.48
MW - 10	04/02/14	3,507.79	-	19.29	0.00	3,488.50
MW - 10	04/16/14	3,507.79	-	19.23	0.00	3,488.56
MW - 10	04/22/14	3,507.79	-	19.23	0.00	3,488.56
MW - 10	04/29/14	3,507.79	-	19.24	0.00	3,488.55
MW - 10	05/06/14	3,507.79	-	19.22	0.00	3,488.57
MW - 10	05/07/14	3,507.79	-	19.22	0.00	3,488.57
MW - 10	05/13/14	3,507.79	-	19.24	0.00	3,488.55
MW - 10	05/29/14	3,507.79	-	19.29	0.00	3,488.50
MW - 10	06/05/14	3,507.79	-	19.36	0.00	3,488.43
MW - 10	06/11/14	3,507.79	-	19.50	0.00	3,488.29
MW - 10	06/16/14	3,507.79	-	19.51	0.00	3,488.28
MW - 10	06/24/14	3,507.79	-	19.62	0.00	3,488.17
MW - 10	07/01/14	3,507.79	-	19.69	0.00	3,488.10
MW - 10	07/08/14	3,507.79	-	19.68	0.00	3,488.11
MW - 10	07/15/14	3,507.79	-	19.77	0.00	3,488.02
MW - 10	07/22/14	3,507.79	-	19.80	0.00	3,487.99
MW - 10	07/23/14	3,507.79	-	19.80	0.00	3,487.99
MW - 10	07/31/14	3,507.79	-	19.86	0.00	3,487.93
MW - 10	08/07/14	3,507.79	-	19.85	0.00	3,487.94
MW - 10	08/13/14	3,507.79	-	19.87	0.00	3,487.92
MW - 10	08/16/14	3,507.79	-	19.86	0.00	3,487.93
MW - 10	08/20/14	3,507.79	-	19.90	0.00	3,487.89
MW - 10	08/27/14	3,507.79	-	19.93	0.00	3,487.86
MW - 10	09/24/14	3,507.79	-	17.19	0.00	3,490.60
MW - 10	10/01/14	3,507.79	-	17.77	0.00	3,490.02
MW - 10	10/07/14	3,507.79	-	18.10	0.00	3,489.69
MW - 10	10/14/14	3,507.79	-	18.31	0.00	3,489.48
MW - 10	10/20/14	3,507.79	-	18.42	0.00	3,489.37
MW - 10	10/27/14	3,507.79	-	18.50	0.00	3,489.29
MW - 10	10/28/04	3,507.79	-	18.55	0.00	3,489.24
MW - 10	11/11/14	3,507.79	-	18.37	0.00	3,489.42
MW - 10	11/19/14	3,507.79	-	18.43	0.00	3,489.36
MW - 10	12/04/14	3,507.79	-	18.57	0.00	3,489.22
MW - 10	12/08/14	3,507.79	-	18.60	0.00	3,489.19
MW - 10	12/15/14	3,507.79	-	18.63	0.00	3,489.16
MW - 10	12/22/14	3,507.79	-	18.62	0.00	3,489.17
MW - 10	12/29/14	3,507.79	-	18.64	0.00	3,489.15
MW - 10	01/05/15	3,507.79	-	18.65	0.00	3,489.14

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 10	01/12/15	3,507.79	-	18.61	0.00	3,489.18
MW - 10	01/19/15	3,507.79	-	18.69	0.00	3,489.10
MW - 10	02/04/15	3,507.79	-	18.69	0.00	3,489.10
MW - 10	02/12/15	3,507.79	-	18.70	0.00	3,489.09
MW - 10	03/03/15	3,507.79	-	18.65	0.00	3,489.14
MW - 10	03/09/15	3,507.79	-	18.67	0.00	3,489.12
MW - 10	03/16/15	3,507.79	-	18.65	0.00	3,489.14
MW - 10	03/23/15	3,507.79	-	18.64	0.00	3,489.15
MW-10	03/30/15	3,507.79	-	18.66	0.00	3,489.13
MW-10	04/04/15	3,507.79	-	18.66	0.00	3,489.13
MW-10	04/07/15	3,507.79	-	18.61	0.00	3,489.18
MW-10	04/13/15	3,507.79	-	18.66	0.00	3,489.13
MW-10	04/20/15	3,507.79	-	18.68	0.00	3,489.11
MW-10	04/27/15	3,507.79	-	18.60	0.00	3,489.19
MW-10	05/07/15	3,507.79	-	18.54	0.00	3,489.25
MW-10	05/11/15	3,507.79	-	18.29	0.00	3,489.50
MW-10	05/18/15	3,507.79	-	18.28	0.00	3,489.51
MW-10	05/21/15	3,507.79	-	18.32	0.00	3,489.47
MW-10	05/29/15	3,507.79	-	18.37	0.00	3,489.42
MW-10	06/03/15	3,507.79	-	18.36	0.00	3,489.43
MW-10	06/08/15	3,507.79	-	18.40	0.00	3,489.39
MW-10	06/15/15	3,507.79	-	18.43	0.00	3,489.36
MW-10	06/18/15	3,507.79	-	18.26	0.00	3,489.53
MW-10	06/25/15	3,507.79	-	18.30	0.00	3,489.49
MW-10	07/01/15	3,507.79	-	18.32	0.00	3,489.47
MW-10	07/03/15	3,507.79	-	18.34	0.00	3,489.45
MW-10	07/08/15	3,507.79	-	19.39	0.00	3,488.40
MW-10	07/14/15	3,507.79	-	18.47	0.00	3,489.32
MW-10	07/20/15	3,507.79	-	18.58	0.00	3,489.21
MW-10	07/28/15	3,507.79	-	18.65	0.00	3,489.14
MW-10	08/04/15	3,507.79	-	18.69	0.00	3,489.10
MW-10	08/10/15	3,507.79	-	18.77	0.00	3,489.02
MW-10	08/17/15	3,507.79	-	18.83	0.00	3,488.96
MW-10	08/25/15	3,507.79	-	18.70	0.00	3,489.09
MW-10	08/31/15	3,507.79	-	18.73	0.00	3,489.06
MW-10	09/08/15	3,507.79	-	18.77	0.00	3,489.02
MW-10	09/15/15	3,507.79	-	18.86	0.00	3,488.93
MW-10	09/24/15	3,507.79	-	18.94	0.00	3,488.85
MW-10	09/28/15	3,507.79	-	18.94	0.00	3,488.85
MW-10	10/06/15	3,507.79	-	18.94	0.00	3,488.85
MW-10	10/12/15	3,507.79	-	18.81	0.00	3,488.98
MW-10	10/23/15	3,507.79	-	18.73	0.00	3,489.06
MW-10	10/26/15	3,507.79	-	18.60	0.00	3,489.19
MW-10	11/06/15	3,507.79	-	18.55	0.00	3,489.24
MW-10	11/10/15	3,507.79	-	18.47	0.00	3,489.32

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW-10	11/12/15	3,507.79	-	18.57	0.00	3,489.22
MW-10	12/07/15	3,507.79	-	18.54	0.00	3,489.25
MW-10	12/10/15	3,507.79	-	18.50	0.00	3,489.29
MW-10	01/05/16	3,507.79	-	18.57	0.00	3,489.22
MW-10	01/08/16	3,507.79	-	18.55	0.00	3,489.24
MW-10	01/12/16	3,507.79	-	18.56	0.00	3,489.23
MW-10	01/18/16	3,507.79	-	18.54	0.00	3,489.25
MW-10	01/25/16	3,507.79	-	18.54	0.00	3,489.25
MW-10	02/01/16	3,507.79	-	18.45	0.00	3,489.34
MW-10	02/04/16	3,507.79	-	18.49	0.00	3,489.30
MW-10	02/08/16	3,507.79	-	18.45	0.00	3,489.34
MW-10	02/15/16	3,507.79	-	18.35	0.00	3,489.44
MW-10	02/22/16	3,507.79	-	18.37	0.00	3,489.42
MW-10	03/03/16	3,507.79	-	18.45	0.00	3,489.34
MW-10	03/07/16	3,507.79	-	18.41	0.00	3,489.38
MW-10	03/10/16	3,507.79	-	18.45	0.00	3,489.34
MW-10	03/15/16	3,507.79	-	18.40	0.00	3,489.39
MW-10	03/21/16	3,507.79	-	18.41	0.00	3,489.38
MW-10	03/28/16	3,507.79	-	18.40	0.00	3,489.39
MW-10	04/06/16	3,507.79	-	18.41	0.00	3,489.38
MW-10	04/12/16	3,507.79	-	18.38	0.00	3,489.41
MW-10	04/18/16	3,507.79	-	18.36	0.00	3,489.43
MW-10	04/26/16	3,507.79	-	18.34	0.00	3,489.45
MW-10	05/02/16	3,507.79	-	18.33	0.00	3,489.46
MW-10	05/04/16	3,507.79	-	18.35	0.00	3,489.44
MW-10	05/12/16	3,507.79	-	18.34	0.00	3,489.45
MW-10	05/16/16	3,507.79	-	18.33	0.00	3,489.46
MW-10	05/23/16	3,507.79	-	18.32	0.00	3,489.47
MW-10	06/01/16	3,507.79	-	18.33	0.00	3,489.46
MW-10	06/07/16	3,507.79	-	18.42	0.00	3,489.37
MW-10	06/13/16	3,507.79	-	18.35	0.00	3,489.44
MW-10	06/17/16	3,507.79	-	18.51	0.00	3,489.28
MW-10	06/28/16	3,507.79	-	18.53	0.00	3,489.26
MW-10	07/07/16	3,507.79	-	18.67	0.00	3,489.12
MW-10	07/12/16	3,507.79	-	18.78	0.00	3,489.01
MW-10	07/19/16	3,507.79	-	18.72	0.00	3,489.07
MW-10	08/01/16	3,507.79	-	18.96	0.00	3,488.83
MW-10	08/08/16	3,507.79	-	18.98	0.00	3,488.81
MW-10	08/24/16	3,507.79	-	19.04	0.00	3,488.75
MW-10	08/31/16	3,507.79	-	17.76	0.00	3,490.03
MW-10	09/07/16	3,507.79	-	17.21	0.00	3,490.58
MW-10	09/13/16	3,507.79	-	17.55	0.00	3,490.24
MW-10	09/22/16	3,507.79	-	16.99	0.00	3,490.80
MW-10	10/14/16	3,507.79	-	17.68	0.00	3,490.11
MW-10	10/26/16	3,507.79	-	17.82	0.00	3,489.97

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW-10	11/03/16	3,507.79	-	17.85	0.00	3,489.94
MW-10	11/07/16	3,507.79	-	17.88	0.00	3,489.91
MW-10	12/07/16	3,507.79	-	17.93	0.00	3,489.86
MW-10	12/13/16	3,507.79	-	17.93	0.00	3,489.86
MW-10	12/20/16	3,507.79	-	17.97	0.00	3,489.82
MW-10	01/04/17	3,507.79	-	17.93	0.00	3,489.86
MW-10	01/18/17	3,507.79	-	18.00	0.00	3,489.79
MW-10	01/27/17	3,507.79	-	18.02	0.00	3,489.77
MW-10	02/01/17	3,507.79	-	17.97	0.00	3,489.82
MW-10	02/08/17	3,507.79	-	17.97	0.00	3,489.82
MW-10	03/09/17	3,507.79	-	17.96	0.00	3,489.83
MW-10	03/14/17	3,507.79	-	17.95	0.00	3,489.84
MW-10	03/22/17	3,507.79	-	17.95	0.00	3,489.84
MW-10	04/11/17	3,507.79	-	17.93	0.00	3,489.86
MW-10	04/18/17	3,507.79	-	17.91	0.00	3,489.88
MW-10	05/02/17	3,507.79	-	17.89	0.00	3,489.90
MW-10	05/10/17	3,507.79	-	17.91	0.00	3,489.88
MW-10	06/05/17	3,507.79	-	18.05	0.00	3,489.74
MW-10	06/14/17	3,507.79	-	18.10	0.00	3,489.69
MW-10	06/22/17	3,507.79	-	18.17	0.00	3,489.62
MW-10	06/29/17	3,507.79	-	18.26	0.00	3,489.53
MW-10	07/05/17	3,507.79	-	18.31	0.00	3,489.48
MW-10	07/14/17	3,507.79	-	18.41	0.00	3,489.38
MW-10	07/18/17	3,507.79	-	18.44	0.00	3,489.35
MW-10	07/22/17	3,507.79	-	18.49	0.00	3,489.30
MW-10	08/11/17	3,507.79	-	18.25	0.00	3,489.54
MW-10	08/15/17	3,507.79	-	18.15	0.00	3,489.64
MW-10	09/01/17	3,507.79	-	17.93	0.00	3,489.86
MW-10	09/08/17	3,507.79	-	17.99	0.00	3,489.80
MW-10	09/15/17	3,507.79	-	18.09	0.00	3,489.70
MW-10	09/22/17	3,507.79	-	18.19	0.00	3,489.60
MW-10	10/06/17	3,507.79	-	17.98	0.00	3,489.81
MW-10	10/13/17	3,507.79	-	17.97	0.00	3,489.82
MW-10	10/18/17	3,507.79	-	17.99	0.00	3,489.80
MW-10	10/26/17	3,507.79	-	17.98	0.00	3,489.81
MW-10	11/02/17	3,507.79	-	18.01	0.00	3,489.78
MW-10	11/09/17	3,507.79	-	18.03	0.00	3,489.76
MW-10	12/08/17	3,507.79	-	18.07	0.00	3,489.72
MW-10	12/13/17	3,507.79	-	18.05	0.00	3,489.74
MW-10	12/21/17	3,507.79	-	18.04	0.00	3,489.75
MW-10	01/05/18	3,507.79	-	18.05	0.00	3,489.74
MW-10	01/09/18	3,507.79	-	18.03	0.00	3,489.76
MW-10	01/17/18	3,507.79	-	18.05	0.00	3,489.74
MW-10	01/24/18	3,507.79	-	18.03	0.00	3,489.76
MW-10	02/08/18	3,507.79	-	18.00	0.00	3,489.79

TABLE 1**Historical Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW-10	02/15/18	3,507.79	-	18.02	0.00	3,489.77
MW-10	02/23/18	3,507.79	-	18.02	0.00	3,489.77
MW-10	03/02/18	3,507.79	-	18.01	0.00	3,489.78
MW-10	03/07/18	3,507.79	-	17.99	0.00	3,489.80
MW-10	03/15/18	3,507.79	-	17.99	0.00	3,489.80
MW-10	03/28/18	3,507.79	-	17.98	0.00	3,489.81
MW-10	04/04/18	3,507.79	-	17.97	0.00	3,489.82
MW-10	04/12/18	3,507.79	-	17.96	0.00	3,489.83
MW-10	04/18/18	3,507.79	-	17.97	0.00	3,489.82
MW-10	04/26/18	3,507.79	-	17.97	0.00	3,489.82
MW-10	05/03/18	3,507.79	-	17.98	0.00	3,489.81
MW-10	05/10/18	3,507.79	-	18.01	0.00	3,489.78
MW-10	05/25/18	3,507.79	-	18.20	0.00	3,489.59
MW-10	05/31/18	3,507.79	-	18.28	0.00	3,489.51
MW-10	06/06/18	3,507.79	-	18.34	0.00	3,489.45
MW-10	06/13/18	3,507.79	-	18.41	0.00	3,489.38
MW-10	06/22/18	3,507.79	-	18.45	0.00	3,489.34
MW-10	07/05/18	3,507.79	-	18.55	0.00	3,489.24
MW-10	07/11/18	3,507.79	-	18.58	0.00	3,489.21
MW-10	07/19/18	3,507.79	-	18.65	0.00	3,489.14
MW-10	08/03/18	3,507.79	-	18.75	0.00	3,489.04
MW-10	08/17/18	3,507.79	-	18.83	0.00	3,488.96
MW-10	08/22/18	3,507.79	-	18.82	0.00	3,488.97
MW-10	08/30/18	3,507.79	-	18.86	0.00	3,488.93
MW-10	09/13/18	3,507.79	-	18.72	0.00	3,489.07
MW-10	09/19/18	3,507.79	-	18.70	0.00	3,489.09
MW-10	11/19/18	3,507.79	-	18.39	0.00	3,489.40
MW-10	11/26/18	3,507.79	-	18.39	0.00	3,489.40
MW-10	12/07/18	3,507.79	-	18.39	0.00	3,489.40
MW-10	12/13/18	3,507.79	-	18.39	0.00	3,489.40
MW-10	12/19/18	3,507.79	-	18.40	0.00	3,489.39
MW-10	01/02/19	3,507.79	-	18.40	0.00	3,489.39
MW-10	01/08/19	3,507.79	-	18.38	0.00	3,489.41
MW-10	01/15/19	3,507.79	-	18.35	0.00	3,489.44
MW-10	01/22/19	3,507.79	-	18.39	0.00	3,489.40
MW-10	02/06/19	3,507.79	-	18.34	0.00	3,489.45
MW-10	02/13/19	3,507.79	-	18.38	0.00	3,489.41
MW-10	02/18/19	3,507.79	-	18.31	0.00	3,489.48
MW-10	03/06/19	3,507.79	-	18.29	0.00	3,489.50
MW-10	03/27/19	3,507.79	-	18.22	0.00	3,489.57
MW-10	04/05/19	3,507.79	-	18.22	0.00	3,489.57
MW-10	04/11/19	3,507.79	-	18.17	0.00	3,489.62
MW-10	04/17/19	3,507.79	-	18.14	0.00	3,489.65
MW-10	05/03/19	3,507.79	-	18.14	0.00	3,489.65
MW-10	05/08/19	3,507.79	-	18.11	0.00	3,489.68

TABLE 1

Historical Ground Water Elevation Data

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW-10	05/17/19	3,507.79	-	18.14	0.00	3,489.65
MW-10	05/23/19	3,507.79	-	18.18	0.00	3,489.61
MW-10	06/12/19	3,507.79	-	18.32	0.00	3,489.47
MW-10	07/04/19	3,507.79	-	18.64	0.00	3,489.15
MW-10	07/12/19	3,507.79	-	18.63	0.00	3,489.16
MW-10	07/18/19	3,507.79	-	18.67	0.00	3,489.12
MW-10	08/08/19	3,507.79	-	18.79	0.00	3,489.00
MW-10	09/12/19	3,507.79	-	18.96	0.00	3,488.83
MW-10	10/08/19	3,507.79	-	18.45	0.00	3,489.34
MW-10	11/26/19	3,507.79	-	18.44	0.00	3,489.35
MW-10	12/09/19	3,507.79	-	18.45	0.00	3,489.34
MW - 11	08/22/07	-	-	20.71	0.00	-
MW - 11	11/29/07	-	-	20.35	0.00	-
MW - 11	02/26/08	-	-	20.24	0.00	-
MW - 11	05/22/08	-	-	20.17	0.00	-
MW - 11	08/28/08	-	-	20.85	0.00	-
MW - 11	11/20/08	-	-	20.51	0.00	-
MW - 11	02/16/09	-	-	20.36	0.00	-
MW - 11	05/29/09	-	-	20.46	0.00	-
MW - 11	08/06/09	-	-	20.83	0.00	-
MW - 11	11/10/09	-	-	21.14	0.00	-
MW - 11	01/05/10	-	-	21.05	0.00	-
MW - 11	02/04/10	-	-	20.98	0.00	-
MW - 11	05/06/10	-	-	21.06	0.00	-
MW - 11	08/05/10	-	-	21.12	0.00	-
MW - 11	11/04/10	-	-	21.15	0.00	-
MW - 11	02/09/11	-	-	21.15	0.00	-
MW - 11	05/03/11	-	-	21.15	0.00	-
MW - 11	08/02/11	-	-	21.12	0.00	-
MW - 11	11/21/11	-	-	21.27	0.00	-
MW - 11	02/13/12	-	-	21.09	0.00	-
MW - 11	05/24/12	-	-	20.96	0.00	-
MW - 11	08/07/12	-	-	21.40	0.00	-
MW - 11	11/14/12	-	-	21.39	0.00	-
MW - 11	02/14/13	Damaged	-	-	-	-
MW - 11	2/26/2013*	-	-	17.71	0.00	-
MW - 11	05/09/13	Damaged	-	-	-	-
MW - 11	08/08/13	Damaged	-	-	-	-
MW - 11	11/21/13	Damaged	-	-	-	-
MW - 11	02/04/14	Plugged and Abandoned		-	-	-
MW - 11A	02/24/14	3,509.52	-	21.93	0.00	3,487.59
MW - 11A	05/07/14	3,509.52	-	21.83	0.00	3,487.69
MW - 11A	07/22/14	3,509.52	-	22.50	0.00	3,487.02

TABLE 1**Historical Ground Water Elevation Data**

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 11A	08/16/14	3,509.52	-	22.56	0.00	3,486.96
MW - 11A	10/27/14	3,509.52	-	21.25	0.00	3,488.27
MW - 11A	11/11/14	3,509.52	-	21.24	0.00	3,488.28
MW - 11A	02/12/15	3,509.52	-	21.30	0.00	3,488.22
MW - 11A	03/09/15	3,509.52	-	21.27	0.00	3,488.25
MW - 11A	04/04/15	3,509.52	-	21.25	0.00	3,488.27
MW - 11A	05/18/15	3,509.52	-	21.08	0.00	3,488.44
MW - 11A	06/18/15	3,509.52	-	19.64	0.00	3,489.88
MW - 11A	07/03/15	3,509.52	-	21.05	0.00	3,488.47
MW - 11A	08/17/15	3,509.52	-	21.50	0.00	3,488.02
MW - 11A	09/24/15	3,509.52	-	21.58	0.00	3,487.94
MW - 11A	10/23/15	3,509.52	-	21.37	0.00	3,488.15
MW - 11A	11/12/15	3,509.52	-	21.22	0.00	3,488.30
MW - 11A	12/10/15	3,509.52	-	21.18	0.00	3,488.34
MW - 11A	01/08/16	3,509.52	-	21.13	0.00	3,488.39
MW - 11A	02/04/16	3,509.52	-	21.10	0.00	3,488.42
MW - 11A	03/10/16	3,509.52	-	21.04	0.00	3,488.48
MW - 11A	04/26/16	3,509.52	-	20.95	0.00	3,488.57
MW - 11A	05/04/16	3,509.52	-	20.94	0.00	3,488.58
MW - 11A	06/28/16	3,509.52	-	21.24	0.00	3,488.28
MW - 11A	07/12/16	3,509.52	-	21.43	0.00	3,488.09
MW - 11A	08/24/16	3,509.52	-	21.65	0.00	3,487.87
MW - 11A	09/07/16	3,509.52	-	20.71	0.00	3,488.81
MW - 11A	10/14/16	3,509.52	-	20.43	0.00	3,489.09
MW - 11A	11/07/16	3,509.52	-	20.53	0.00	3,488.99
MW - 11A	12/07/16	3,509.52	-	20.56	0.00	3,488.96
MW - 11A	12/20/16	3,509.52	-	20.55	0.00	3,488.97
MW - 11A	01/18/17	3,509.52	-	20.55	0.00	3,488.97
MW - 11A	02/08/17	3,509.52	-	20.56	0.00	3,488.96
MW - 11A	03/14/17	3,509.52	-	20.53	0.00	3,488.99
MW - 11A	05/02/17	3,509.52	-	20.48	0.00	3,489.04
MW - 11A	05/10/17	3,509.52	-	20.50	0.00	3,489.02
MW - 11A	06/22/17	3,509.52	-	20.79	0.00	3,488.73
MW - 11A	07/05/17	3,509.52	-	21.03	0.00	3,488.49
MW - 11A	08/15/17	3,509.52	-	20.77	0.00	3,488.75
MW - 11A	09/08/17	3,509.52	-	20.59	0.00	3,488.93
MW - 11A	10/18/17	3,509.52	-	20.57	0.00	3,488.95
MW - 11A	11/09/17	3,509.52	-	20.61	0.00	3,488.91
MW - 11A	12/21/17	3,509.52	-	20.58	0.00	3,488.94
MW - 11A	01/09/18	3,509.52	-	20.57	0.00	3,488.95
MW - 11A	02/08/18	3,509.52	-	20.56	0.00	3,488.96
MW - 11A	03/07/18	3,509.52	-	20.53	0.00	3,488.99
MW - 11A	04/12/18	3,509.52	-	20.50	0.00	3,489.02
MW - 11A	05/03/18	3,509.52	-	20.54	0.00	3,488.98
MW - 11A	06/06/18	3,509.52	-	20.93	0.00	3,488.59

TABLE 1**Historical Ground Water Elevation Data**

**Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286**

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 11A	07/11/18	3,509.52	-	21.18	0.00	3,488.34
MW - 11A	08/22/18	3,509.52	-	21.40	0.00	3,488.12
MW - 11A	09/13/18	3,509.52	-	21.30	0.00	3,488.22
MW - 11A	11/07/18	3,509.52	-	29.26	0.00	3,480.26
MW - 11A	11/26/18	3,509.52	-	20.96	0.00	3,488.56
MW - 11A	12/13/18	3,509.52	-	20.94	0.00	3,488.58
MW - 11A	01/02/19	3,509.52	-	20.91	0.00	3,488.61
MW - 11A	01/09/19	3,509.52	-	20.91	0.00	3,488.61
MW - 11A	02/06/19	3,509.52	-	20.87	0.00	3,488.65
MW - 11A	03/06/19	3,509.52	-	20.82	0.00	3,488.70
MW - 11A	04/05/19	3,509.52	-	20.74	0.00	3,488.78
MW - 11A	05/08/19	3,509.52	-	20.70	0.00	3,488.82
MW - 11A	06/12/19	3,509.52	-	20.92	0.00	3,488.60
MW - 11A	07/04/19	3,509.52	-	21.24	0.00	3,488.28
MW - 11A	08/08/19	3,509.52	-	21.40	0.00	3,488.12
MW - 11A	09/12/19	3,509.52	-	21.50	0.00	3,488.02
MW - 11A	10/08/19	3,509.52	-	21.23	0.00	3,488.29
MW - 11A	11/26/19	3,509.52	-	21.00	0.00	3,488.52
MW - 11A	12/09/19	3,509.52	-	21.01	0.00	3,488.51
MW - 12	02/24/14	3,508.49	-	20.63	0.00	3,487.86
MW - 12	05/07/14	3,508.49	-	20.51	0.00	3,487.98
MW - 12	07/22/14	3,508.49	-	21.12	0.00	3,487.37
MW - 12	08/16/14	3,508.49	-	21.20	0.00	3,487.29
MW - 12	10/27/14	3,508.49	-	19.80	0.00	3,488.69
MW - 12	11/11/14	3,508.49	-	19.73	0.00	3,488.76
MW - 12	02/12/15	3,508.49	-	19.96	0.00	3,488.53
MW - 12	03/09/15	3,508.49	-	19.95	0.00	3,488.54
MW - 12	04/04/15	3,508.49	-	19.93	0.00	3,488.56
MW - 12	05/18/15	3,508.49	-	19.64	0.00	3,488.85
MW - 12	06/18/15	3,508.49	-	21.04	0.00	3,487.45
MW - 12	07/03/15	3,508.49	-	19.61	0.00	3,488.88
MW - 12	08/17/15	3,508.49	-	20.10	0.00	3,488.39
MW - 12	09/24/15	3,508.49	-	20.19	0.00	3,488.30
MW - 12	10/23/15	3,508.49	-	19.98	0.00	3,488.51
MW - 12	11/12/15	3,508.49	-	19.82	0.00	3,488.67
MW - 12	12/10/15	3,508.49	-	19.84	0.00	3,488.65
MW - 12	01/08/16	3,508.49	-	19.79	0.00	3,488.70
MW - 12	02/04/16	3,508.49	-	19.76	0.00	3,488.73
MW - 12	03/10/16	3,508.49	-	19.68	0.00	3,488.81
MW - 12	04/26/16	3,508.49	-	19.61	0.00	3,488.88
MW - 12	05/04/16	3,508.49	-	19.62	0.00	3,488.87
MW - 12	06/28/16	3,508.49	-	19.80	0.00	3,488.69
MW - 12	07/12/16	3,508.49	-	20.02	0.00	3,488.47
MW - 12	08/24/16	3,508.49	-	20.31	0.00	3,488.18

TABLE 1

Historical Ground Water Elevation Data

Plains Marketing, L.P.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 12	09/07/16	3,508.49	-	18.57	0.00	3,489.92
MW - 12	10/14/16	3,508.49	-	18.96	0.00	3,489.53
MW - 12	11/07/16	3,508.49	-	19.16	0.00	3,489.33
MW - 12	12/07/16	3,508.49	-	19.19	0.00	3,489.30
MW - 12	12/20/16	3,508.49	-	19.20	0.00	3,489.29
MW - 12	01/18/17	3,508.49	-	19.23	0.00	3,489.26
MW - 12	02/08/17	3,508.49	-	19.22	0.00	3,489.27
MW - 12	03/14/17	3,508.49	-	19.19	0.00	3,489.30
MW - 12	05/02/17	3,508.49	-	19.15	0.00	3,489.34
MW - 12	05/10/17	3,508.49	-	19.17	0.00	3,489.32
MW - 12	06/22/17	3,508.49	-	19.42	0.00	3,489.07
MW - 12	07/05/17	3,508.49	-	19.54	0.00	3,488.95
MW - 12	08/15/17	3,508.49	-	19.25	0.00	3,489.24
MW - 12	09/08/17	3,508.49	-	19.13	0.00	3,489.36
MW - 12	10/18/17	3,508.49	-	19.17	0.00	3,489.32
MW - 12	11/09/17	3,508.49	-	19.27	0.00	3,489.22
MW - 12	12/21/17	3,508.49	-	19.27	0.00	3,489.22
MW - 12	01/09/18	3,508.49	-	19.25	0.00	3,489.24
MW - 12	02/08/18	3,508.49	-	19.25	0.00	3,489.24
MW - 12	03/07/18	3,508.49	-	19.23	0.00	3,489.26
MW - 12	04/12/18	3,508.49	-	19.18	0.00	3,489.31
MW - 12	05/03/18	3,508.49	-	19.23	0.00	3,489.26
MW - 12	06/06/18	3,508.49	-	19.56	0.00	3,488.93
MW - 12	07/11/18	3,508.49	-	19.82	0.00	3,488.67
MW - 12	08/22/18	3,508.49	-	20.07	0.00	3,488.42
MW - 12	09/13/18	3,508.49	-	19.96	0.00	3,488.53
MW - 12	11/26/18	3,508.49	-	19.60	0.00	3,488.89
MW - 12	12/13/18	3,508.49	-	19.62	0.00	3,488.87
MW - 12	01/02/19	3,508.49	-	19.59	0.00	3,488.90
MW - 12	02/06/19	3,508.49	-	19.55	0.00	3,488.94
MW - 12	03/06/19	3,508.49	-	19.50	0.00	3,488.99
MW - 12	04/05/19	3,508.49	-	19.40	0.00	3,489.09
MW - 12	05/08/19	3,508.49	-	19.35	0.00	3,489.14
MW - 12	06/12/19	3,508.49	-	19.58	0.00	3,488.91
MW - 12	07/04/19	3,508.49	-	19.88	0.00	3,488.61
MW - 12	08/08/19	3,508.49	-	20.04	0.00	3,488.45
MW - 12	09/12/19	3,508.49	-	20.18	0.00	3,488.31
MW - 12	10/08/19	3,508.49	-	19.71	0.00	3,488.78
MW - 12	11/26/19	3,508.49	-	19.60	0.00	3,488.89
MW - 12	12/09/19	3,508.49	-	19.66	0.00	3,488.83

Corrected Groundwater Elevation = Top of Casing Elevation - (Depth to Water Below Top of Casing - (SG)(PSH Thickness)).

*MW-11 was damaged during backfill activities at TNM 97-17 during the the 4th quarter of 2012. NOVA was unable to retrieve a sample during the sampling event on 2/14/13. Attempted to resampled MW-11 on 2/26/13 and succeeded. After the 1st quarter sampling event, the well became drv and was unable to sample the 2nd, 3rd, and 4th quarters.

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 34 JUNCTION TO LEA
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 1	02/27/03	0.0018	0.11	0.8760	0.7560	
MW - 1	05/05/04	1.070	0.00492	0.5830	0.2324	
MW - 1	07/26/04	1.260	0.00236	0.8980	0.5995	
MW - 1	10/04/04	1.090	0.00243	0.7850	0.5090	
MW - 1	12/17/04	2.960	0.00777	1.520	0.8910	
MW - 1	03/29/05	2.720	<0.005	1.880	0.3314	
MW - 1	05/11/05	2.030	<0.005	1.780	0.2630	
MW - 1	08/16/05	3.290	<0.005	2.390	0.4910	
MW - 1	11/15/05	1.240	<0.001	1.340	0.1140	
MW - 1	02/15/06	1.390	<0.001	1.290	<0.002	
MW - 1	05/23/06	1.720	0.00294	1.530	0.3379	
MW - 1	08/09/06	1.090	<0.01	0.694	0.1220	
MW - 1	11/27/06	1.000	<0.01	0.733	0.1250	
MW - 1	03/20/07	0.720	<0.01	0.730	0.118	
MW - 1	06/04/07	0.346	<0.05	0.568	<0.05	
MW - 1	08/22/07	0.819	<0.05	1.040	0.197	
MW - 1	11/29/07	0.803	0.0109	0.977	0.230	
MW - 1	02/26/08	0.870	<0.01	0.770	0.195	
MW - 1	05/22/08	0.463	<0.0100	0.485	0.102	
MW - 1	08/28/08	0.504	<0.005	0.490	0.113	
MW - 1	11/20/08	0.585	<0.005	0.468	0.142	
MW - 1	02/16/09	0.303	<0.005	0.216	0.0463	
MW - 1	05/29/09	0.421	<0.001	0.444	0.1640	
MW - 1	08/06/09	0.304	<0.001	0.283	0.1030	
MW - 1	11/10/09	0.307	<0.005	0.262	0.0896	
MW - 1	02/04/10	0.248	<0.005	0.298	0.1120	
MW - 1	05/06/10	0.364	<0.005	0.236	0.0995	
MW - 1	08/05/10	0.253	<0.050	0.125	<0.0500	
MW - 1	11/04/10	0.551	<0.050	0.409	0.4640	
MW - 1	02/09/11	0.967	<0.0500	1.170	1.2800	
MW - 1	05/03/11	0.833	<0.0500	0.970	0.4070	
MW - 1	08/02/11	0.940	<0.0500	0.963	1.1500	
MW - 1	11/21/11	0.282	<0.005	0.171	0.0934	
MW - 1	02/13/12	0.427	<0.005	0.296	0.2300	
MW - 1	05/24/12	0.398	<0.050	0.442	0.2960	
MW - 1	08/07/12	0.469	<0.050	0.511	0.2180	
MW - 1	11/14/12	0.449	<0.005	0.563	0.2570	

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 34 JUNCTION TO LEA
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 1	02/14/13	0.409	<0.00500	0.585	0.210	
MW - 1	05/09/13	0.467	<0.00500	0.496	0.231	
MW - 1	08/08/13	0.520	<0.00500	0.645	0.261	
MW - 1	11/21/13	0.475	<0.00500	0.524	0.238	
MW - 1	02/24/14	0.461	<0.0500	0.582	0.193	
MW - 1	05/07/14	0.410	<0.0500	0.311	0.165	
MW - 1	08/16/14	0.446	<0.0500	0.553	0.266	
MW - 1	01/11/14	0.380	<0.0500	0.474	0.203	
MW - 1	02/12/15	0.374	<0.0500	0.455	0.230	
MW - 1	05/18/15	0.287	<0.0500	0.270	0.162	
MW - 1	08/17/15	0.323	<0.0500	0.130	0.163	
MW - 1	11/12/15	0.342	<0.0500	0.102	0.268	
MW - 1	02/04/16	0.406	<0.0500	0.190	0.225	
MW - 1	05/04/16	0.433	<0.0500	0.0825	0.195	
MW - 1	08/24/16	0.417	<0.0500	0.0823	0.230	
MW - 1	11/07/16	0.660	<0.0530	0.177	0.261	
MW - 1	02/08/17	0.716	<0.100	<0.100	<0.100	
MW - 1	05/10/17	0.799	<0.0100	0.0836	0.198	
MW - 1	08/15/17	1.12	<0.0100	0.174	0.2328	
MW - 1	11/09/17	1.05	0.00509	0.0641	0.0792	
MW - 1	02/08/18	0.397	0.00685	0.0426	0.04017	
MW - 1	05/03/18	0.361	0.00306	0.0435	0.0292	
MW - 1	08/22/18	0.850	<0.100	<0.0500	<0.200	
MW - 1	11/26/18	0.309	<0.0100	0.0748	0.0284	
MW - 1	02/06/19	0.202	0.00258	0.134	0.07138	
MW - 1	05/08/19	0.304	<0.00500	0.122	0.0452	
MW - 1	08/08/19	0.285	<0.00100	0.159	0.0563	
MW - 1	11/26/19	0.207	0.00129	0.114	0.0649	
MW - 2	02/27/03	2.3900	0.474	0.8070	0.876	
MW - 2	05/05/04	3.4300	0.0104	0.7460	0.32318	
MW - 2	07/26/04	6.0200	0.00342	1.7400	0.9257	
MW - 2	10/04/04	2.3400	<0.005	1.3800	0.261	
MW - 2	12/17/04	1.8800	<0.002	0.5740	0.16109	
MW - 2	03/29/05	2.6600	0.0273	1.0800	0.656	
MW - 2	05/11/05	1.0600	0.00253	0.8130	0.0768	
MW - 2	08/16/05	1.7400	<0.002	0.8700	0.233	

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 34 JUNCTION TO LEA
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 2	11/15/05	0.0668	<0.001	0.0729	0.0113	
MW - 2	02/15/06	0.0337	<0.001	0.1470	0.0341	
MW - 2	05/23/06	1.5300	0.00229	0.3810	0.19861	
MW - 2	08/09/06	1.4600	<0.01	0.3260	0.178	
MW - 2	11/27/06	0.3900	<0.005	0.1060	0.0518	
MW - 2	03/20/07	0.5600	<0.001	0.7170	0.4480	
MW - 2	06/04/07	<0.1	<0.1	0.4620	<0.01	
MW - 2	08/22/07	0.5200	<0.05	0.4500	0.2160	
MW - 2	11/29/07	0.3980	<0.01	0.3160	0.1890	
MW - 2	02/26/08	0.4080	<0.01	0.1830	0.1500	
MW - 2	05/22/08	0.1540	<0.010	0.1440	0.1240	
MW - 2	08/28/08	0.1530	<0.001	0.0899	0.0691	
MW - 2	11/20/08	0.0546	<0.005	0.0227	0.0220	
MW - 2	02/16/09	0.0240	<0.005	<0.005	<0.005	
MW - 2	05/29/09	0.2830	<0.001	0.272	0.1640	
MW - 2	08/06/09	0.4170	0.0038	0.184	0.1710	
MW - 2	11/10/09	0.3050	0.0013	0.0978	0.0867	
MW - 2	02/04/10	0.3070	<0.001	0.104	0.0867	
MW - 2	05/06/10	0.3610	0.0025	0.0917	0.0930	
MW - 2	08/05/10	0.3240	<0.050	0.111	0.0762	
MW - 2	11/04/10	0.5140	<0.0500	0.258	<0.0500	
MW - 2	02/09/11	1.0800	<0.0500	0.671	1.2500	
MW - 2	05/03/11	0.5340	<0.0500	0.143	<0.0500	
MW - 2	08/02/11	0.7760	<0.0500	0.455	0.9280	
MW - 2	11/21/11	0.2820	<0.005	0.171	0.0934	
MW - 2	02/13/12	0.1570	<0.005	0.0882	<0.005	
MW - 2	05/24/12	0.1860	<0.050	0.128	0.0986	
MW - 2	08/07/12	1.1000	<0.050	0.368	0.1050	
MW - 2	11/14/12	0.4270	<0.005	0.191	0.1100	
MW - 2	02/14/13	0.475	<0.0100	0.202	0.119	
MW - 2	05/09/13	0.224	<0.00500	0.101	0.0644	
MW - 2	08/08/13	0.632	<0.00500	0.241	0.150	
MW - 2	11/21/13	0.360	<0.00100	0.142	0.114	
MW - 2	02/24/14	0.687	<0.100	0.176	<0.300	
MW - 2	05/07/14	0.319	<0.0500	0.0937	<0.150	
MW - 2	08/16/14	0.274	<0.0500	<0.0500	<0.0500	
MW - 2	11/11/14	0.434	<0.0500	0.0963	0.0944	

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 34 JUNCTION TO LEA
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 2	02/12/15	0.251	<0.0500	0.0837	0.0762	
MW - 2	05/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	08/17/15	0.223	<0.0500	<0.0500	0.2900	
MW - 2	11/12/15	0.277	<0.0500	0.116	0.1550	
MW - 2	02/04/16	0.207	<0.00100	0.0323	0.0472	
MW - 2	05/04/16	0.286	<0.00100	0.0238	0.0411	
MW - 2	08/24/16	0.228	<0.0500	0.0386	0.0777	
MW - 2	11/07/16	0.203	<0.00100	0.0356	0.0675	
MW - 2	02/08/17	0.221	<0.00200	0.0172	0.0779	
MW - 2	05/10/17	0.179	<0.00200	0.0310	0.0614	
MW - 2	08/15/17	0.281	<0.00200	0.0308	0.05	
MW - 2	11/09/17	0.249	0.00504	0.0464	0.0487	
MW - 2	02/08/18	0.107	0.00237	0.0180	0.0166	
MW - 2	05/03/18	<0.00200	0.00208	<0.00200	0.00583	
MW - 2	08/22/18	0.0503	<0.0100	0.0221	0.0228	
MW - 2	11/26/18	0.109	<0.0100	0.0256	<0.0200	
MW - 2	02/06/19	0.0264	<0.00100	0.00828	0.00621	
MW - 2	05/08/19	0.0557	<0.00100	0.0206	0.00867	
MW - 2	08/08/19	0.0259	<0.00100	0.00926	0.00417	
MW - 2	11/26/19	0.0479	<0.00100	0.0197	0.00632	
MW - 3	02/27/03	Not Sampled Due to PSH in Well				
MW - 3	05/05/04	0.0017	<0.001	<0.001	<0.002	
MW - 3	07/26/04	Not Sampled Due to PSH in Well				
MW - 3	10/04/04	1.400	0.421	0.7300	0.9650	
MW - 3	12/17/04	2.510	0.49	0.9720	0.6376	
MW - 3	03/29/05	6.980	0.729	1.3700	0.8300	
MW - 3	05/11/05	Not Sampled Due to PSH in Well				
MW - 3	08/16/05	1.260	0.101	0.4700	0.2875	
MW - 3	11/15/05	1.880	0.0327	0.8420	0.2322	
MW - 3	02/15/06	1.600	0.0265	0.7150	0.2420	
MW - 3	05/23/06	3.600	<0.1	0.7030	0.4920	
MW - 3	08/09/06	Not Sampled				
MW - 3	11/27/06	1.470	0.0273	0.4740	0.3100	
MW - 3	03/20/07	5.880	<.5	7.0500	3.93	
MW - 3	06/04/07	<0.5	<0.5	<0.5	<0.5	
MW - 3	08/22/07	Not Sampled Due to PSH in Well				

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 34 JUNCTION TO LEA
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 3	11/29/07	1.010	0.0205	0.6700	0.2470	
MW - 3	02/26/08	1.170	0.0298	0.5820	0.2080	
MW - 3	05/22/08	1.280	0.0156	0.4470	0.1500	
MW - 3	08/27/08	Not Sampled Due to PSH in Well				
MW - 3	11/20/08	0.948	<0.005	0.3810	0.1180	
MW - 3	02/16/09	0.522	<0.005	0.2880	0.0654	
MW - 3	05/29/09	4.010	0.1222	3.3800	2.6200	
MW - 3	08/06/09	0.645	<0.0200	0.4330	0.3120	
MW - 3	11/10/09	0.779	<0.0200	0.2060	0.0529	
MW - 3	02/04/10	0.323	<0.0200	0.1100	0.0896	
MW - 3	05/06/10	0.259	<0.0100	0.0319	0.0545	
MW - 3	08/05/10	0.289	0.005	0.0611	0.0414	
MW - 3	11/04/10	0.290	0.0049	0.1550	0.0297	
MW - 3	02/09/11	0.413	0.0099	0.2150	<0.00100	
MW - 3	05/03/11	0.425	0.0029	0.1230	0.0297	
MW - 3	08/02/11	0.378	0.0082	0.1580	0.0453	
MW - 3	11/21/11	0.110	<0.005	0.0381	<0.005	
MW - 3	02/13/12	0.027	<0.005	<0.005	<0.005	
MW - 3	05/24/12	0.065	<0.001	0.0704	0.0407	
MW - 3	08/07/12	0.393	<0.050	0.1360	<0.050	
MW - 3	11/14/12	0.160	<0.005	0.4860	0.1270	
MW - 3	02/14/13	0.274	<0.00500	0.718	0.255	
MW - 3	05/09/13	0.127	<0.00500	0.191	0.0838	
MW - 3	08/08/13	0.352	<0.00500	0.086	0.0706	
MW - 3	11/21/13	0.337	0.00310	0.0652	0.0720	
MW - 3	02/24/14	0.341	<0.0500	<0.0500	<0.150	
MW - 3	05/07/14	0.295	<0.0500	0.0579	<0.150	
MW - 3	08/16/14	0.403	<0.0500	<0.0500	0.0643	
MW - 3	11/11/14	0.372	<0.0500	<0.0500	0.0754	
MW - 3	02/12/15	0.244	<0.0500	0.0699	0.0824	
MW - 3	05/18/15	0.455	<0.0500	<0.0500	0.0888	
MW - 3	08/17/15	0.430	<0.0500	<0.0500	0.0691	
MW - 3	11/12/15	0.420	<0.0500	<0.0500	0.1960	
MW - 3	02/04/16	0.332	<0.0500	0.0963	0.0540	
MW - 3	05/04/16	0.318	<0.0500	<0.0500	0.0987	
MW - 3	08/24/16	0.151	<0.0500	<0.0500	0.0359	
MW - 3	11/07/16	0.398	<0.0530	0.0768	0.109	

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 34 JUNCTION TO LEA
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 3	02/08/17	0.510	<0.100	<0.100	<0.100	
MW - 3	05/10/17	0.170	<0.00200	0.0218	0.0581	
MW - 3	08/15/17	1.11	<0.0100	0.0449	0.1894	
MW - 3	11/09/17	0.393	0.00559	0.0327	0.08921	
MW - 3	02/08/18	0.254	0.00796	0.0202	0.06634	
MW - 3	05/03/18	0.246	<0.00200	0.0253	0.0701	
MW - 3	08/22/18	0.291	<0.0100	0.0272	0.0812	
MW - 3	11/26/18	0.284	<0.0100	0.0207	0.0727	
MW - 3	02/06/19	0.486	<0.0200	0.0398	0.0764	
MW - 3	05/08/19	0.246	<0.00100	0.0351	0.0582	
MW - 3	08/08/19	0.573	<0.00100	0.0291	0.0718	
MW - 3	11/26/19	0.130	0.00154	0.0186	0.0438	
MW - 4	05/25/04	0.0017	0.00101	0.4070	0.4580	
MW - 4	07/26/04	0.0021	<0.001	0.4470	0.0936	
MW - 4	10/04/04	<0.001	<0.001	0.0934	0.0050	
MW - 4	12/17/04	0.0039	<0.001	0.1090	<0.002	
MW - 4	03/29/05	0.0026	<0.001	0.0592	0.0027	
MW - 4	05/11/05	<0.001	<0.001	0.0461	<0.002	
MW - 4	08/16/05	<0.001	<0.001	0.0325	<0.002	
MW - 4	11/15/05	<0.001	<0.001	0.0048	<0.002	
MW - 4	02/15/06	<0.001	<0.001	<0.001	<0.002	
MW - 4	05/23/06	Not Sampled on Current Sample Schedule				
MW - 4	08/09/06	Not Sampled on Current Sample Schedule				
MW - 4	11/27/06	Not Sampled on Current Sample Schedule				
MW - 4	03/20/07	<0.001	<0.001	<0.001	<0.001	
MW - 4	06/04/07	Not Sampled on Current Sample Schedule				
MW - 4	08/22/07	Not Sampled on Current Sample Schedule				
MW - 4	11/29/07	<0.005	<0.005	<0.005	<0.005	
MW - 4	02/26/08	Not Sampled on Current Sample Schedule				
MW - 4	05/22/08	Not Sampled on Current Sample Schedule				
MW - 4	08/27/08	Not Sampled on Current Sample Schedule				
MW - 4	11/20/08	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/16/09	Not Sampled on Current Sample Schedule				
MW - 4	05/29/09	<0.001	<0.001	0.0069	0.0084	
MW - 4	08/06/09	Not Sampled on Current Sample Schedule				
MW - 4	11/10/09	<0.001	<0.001	<0.001	<0.001	

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

34 JUNCTION TO LEA

LEA COUNTY, NEW MEXICO

NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 4	02/04/10	Not Sampled on Current Sample Schedule				
MW - 4	05/06/10	Not Sampled on Current Sample Schedule				
MW - 4	08/05/10	Not Sampled on Current Sample Schedule				
MW - 4	11/04/10	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/09/11	Not Sampled on Current Sample Schedule				
MW - 4	05/03/11	Not Sampled on Current Sample Schedule				
MW - 4	08/02/11	Not Sampled on Current Sample Schedule				
MW - 4	11/21/11	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/13/12	Not Sampled on Current Sample Schedule				
MW - 4	05/24/12	Not Sampled on Current Sample Schedule				
MW - 4	08/07/12	Not Sampled on Current Sample Schedule				
MW - 4	11/14/12	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/14/13	Not Sampled on Current Sample Schedule				
MW - 4	05/09/13	Not Sampled on Current Sample Schedule				
MW - 4	08/08/13	Not Sampled on Current Sample Schedule				
MW - 4	11/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	02/24/14	Not Sampled on Current Sample Schedule				
MW - 4	05/07/14	Not Sampled on Current Sample Schedule				
MW - 4	08/16/14	Not Sampled on Current Sample Schedule				
MW - 4	11/11/14	<0.00100	<0.00100	0.00180	<0.00100	
MW - 4	02/12/15	Not Sampled on Current Sample Schedule				
MW - 4	05/18/15	Not Sampled on Current Sample Schedule				
MW - 4	08/17/15	Not Sampled on Current Sample Schedule				
MW - 4	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	02/04/16	Not Sampled on Current Sample Schedule				
MW - 4	05/04/16	Not Sampled on Current Sample Schedule				
MW - 4	08/17/16	Plugged and Abandoned				
MW-4A	08/25/16	<0.00100	<0.00100	0.0341	0.0407	
MW-4A	11/07/16	<0.00100	<0.00100	0.0223	0.0176	
MW-4A	02/08/17	0.00284	<0.00200	0.0514	0.0862	
MW-4A	05/10/17	<0.00200	<0.00200	0.0172	0.0211	
MW-4A	08/15/17	<0.00200	<0.00200	0.0225	0.0251	
MW-4A	11/09/17	<0.00200	<0.00200	0.00561	<0.00400	
MW-4A	02/08/18	<0.00200	<0.00200	0.00255	<0.00400	
MW-4A	05/03/18	<0.00200	<0.00200	0.00496	<0.00400	
MW-4A	08/22/18	<0.00100	<0.0100	<0.00500	<0.0200	

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 34 JUNCTION TO LEA
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW-4A	11/26/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW-4A	02/06/19	0.00143	<0.00100	0.00321	0.00444	
MW-4A	05/08/19	<0.00100	<0.00100	0.00311	<0.00200	
MW-4A	08/08/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW-4A	11/26/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5	05/25/04	0.1780	0.0209	0.6540	0.6390	
MW - 5	07/26/04	0.0934	0.00204	0.4840	0.1143	
MW - 5	10/04/04	0.0692	<0.001	0.1990	0.0286	
MW - 5	12/17/04	0.1400	<0.001	0.2280	0.0090	
MW - 5	03/29/05	0.0381	<0.001	0.1250	0.0067	
MW - 5	05/11/05	0.0250	<0.001	0.1190	<0.002	
MW - 5	08/16/05	0.0600	<0.001	0.0341	0.0030	
MW - 5	11/15/05	0.0106	<0.001	0.0376	<0.002	
MW - 5	02/15/06	0.0121	<0.001	0.0341	<0.002	
MW - 5	05/23/06	0.0095	<0.001	0.0105	<0.002	
MW - 5	08/09/06	0.0285	<0.001	0.0034	0.0030	
MW - 5	11/27/06	0.0371	0.0016	0.0048	0.0042	
MW - 5	03/20/07	0.0063	<0.001	0.0195	<0.001	
MW - 5	06/04/07	0.0065	<0.001	0.0200	<0.001	
MW - 5	08/22/07	0.0057	<0.001	0.0079	<0.001	
MW - 5	11/29/07	0.0176	0.0016	0.0273	0.0212	
MW - 5	02/26/08	0.0112	<0.001	0.0225	<0.001	
MW - 5	05/22/08	0.0053	<0.001	0.0098	0.0018	
MW - 5	08/28/08	0.0189	<0.001	0.0098	0.0021	
MW - 5	11/20/08	0.0282	<0.001	0.0106	0.0206	
MW - 5	02/16/09	0.0096	<0.005	0.0090	<0.005	
MW - 5	05/29/09	0.0133	<0.001	0.0065	0.0090	
MW - 5	08/06/09	0.0229	<0.001	0.0083	<0.001	
MW - 5	11/10/09	0.0231	<0.001	0.0016	0.0017	
MW - 5	02/04/10	0.0245	<0.001	0.0026	0.0042	
MW - 5	05/06/10	0.0267	<0.001	<0.001	<0.001	
MW - 5	08/05/10	0.0358	<0.001	0.0149	0.0057	
MW - 5	11/04/10	0.0223	<0.001	0.0206	0.0109	
MW - 5	02/09/11	0.0966	<0.001	0.3440	0.0325	
MW - 5	05/03/11	0.0849	<0.001	0.0085	0.0130	
MW - 5	08/02/11	0.1010	<0.001	0.0686	0.0371	

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

34 JUNCTION TO LEA

LEA COUNTY, NEW MEXICO

NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 5	11/21/11	0.2520	<0.001	0.0204	<0.001	
MW - 5	02/13/12	0.0292	<0.001	0.0412	<0.001	
MW - 5	05/24/12	0.0251	<0.001	0.0725	0.0186	
MW - 5	08/07/12	0.0621	<0.001	0.0172	0.0111	
MW - 5	11/14/12	0.0225	<0.005	0.0217	<0.005	
MW - 5	02/14/13	0.0201	<0.00500	<0.00500	<0.00500	
MW - 5	05/09/13	0.00890	<0.00100	0.0103	<0.00100	
MW - 5	08/08/13	0.0122	<0.00100	0.0048	<0.00100	
MW - 5	11/21/13	0.0245	<0.00100	0.00490	<0.00300	
MW - 5	02/24/14	0.0306	<0.00500	<0.00500	<0.0150	
MW - 5	05/07/14	0.0235	<0.00100	0.00650	<0.00300	
MW - 5	08/16/14	0.0279	<0.00100	0.01030	0.0047	
MW - 5	11/11/14	0.0548	<0.0500	0.331	0.0648	
MW - 5	02/12/15	0.1100	<0.00100	0.321	0.0227	
MW - 5	05/18/15	0.0858	<0.00100	0.259	0.0275	
MW - 5	08/17/15	0.0162	<0.00100	0.0149	0.00140	
MW - 5	11/12/15	0.0433	<0.00100	0.0550	<0.00100	
MW - 5	02/04/16	0.0364	<0.00100	0.0351	<0.00100	
MW - 5	05/04/16	0.0188	<0.00100	0.0146	<0.00100	
MW - 5	08/17/16	Plugged and Abandoned				
MW - 5A	08/24/16	0.159	<0.0500	0.429	0.327	
MW - 5A	11/07/16	0.0550	<0.00100	0.0234	0.00400	
MW - 5A	02/08/17	0.102	<0.00200	0.0673	0.00734	
MW - 5A	05/10/17	0.0936	<0.00200	0.0477	0.0124	
MW - 5A	08/15/17	0.00676	<0.00200	0.00272	0.00729	
MW - 5A	11/09/17	0.0311	<0.00200	<0.00200	<0.00400	
MW - 5A	02/08/18	0.00518	<0.00200	0.00100	<0.00400	
MW - 5A	05/03/18	0.0109	<0.00200	0.00618	0.00669	
MW - 5A	08/22/18	0.00978	<0.0100	<0.00500	0.0269	
MW - 5A	11/26/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 5A	02/06/19	0.0114	0.00146	0.00235	0.00795	
MW - 5A	05/08/19	0.0117	<0.00100	0.00139	0.00287	
MW - 5A	08/08/19	0.0382	0.00137	0.0374	0.07098	
MW - 5A	11/26/19	0.0184	<0.00100	0.00204	0.00237	
MW - 6	05/25/04	0.6410	0.00533	0.1610	0.2007	

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

34 JUNCTION TO LEA

LEA COUNTY, NEW MEXICO

NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 6	07/26/04	0.0998	<0.001	0.0754	0.0023	
MW - 6	10/04/04	0.0332	<0.001	0.0618	0.0034	
MW - 6	12/17/04	<0.001	<0.001	0.0012	<0.002	
MW - 6	03/29/05	<0.001	<0.001	<0.001	<0.002	
MW - 6	05/11/05	<0.001	<0.001	<0.001	<0.002	
MW - 6	08/16/05	0.0054	<0.001	<0.001	<0.002	
MW - 6	11/15/05	0.0011	<0.001	0.0022	<0.002	
MW - 6	02/15/06	<0.001	<0.001	0.0021	<0.002	
MW - 6	05/23/06	<0.001	<0.001	<0.001	<0.002	
MW - 6	08/09/06	<0.001	<0.001	<0.001	<0.002	
MW - 6	11/27/06	0.0011	<0.001	<0.001	<0.002	
MW - 6	03/20/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	06/04/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/22/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/29/07	<0.005	<0.005	<0.005	<0.005	
MW - 6	02/26/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/22/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/27/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/20/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/16/09	Not Sampled				
MW - 6	05/29/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/06/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/10/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/04/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/06/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/05/10	0.0014	<0.001	<0.001	<0.001	
MW - 6	11/04/10	0.0066	<0.001	<0.001	<0.001	
MW - 6	02/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/03/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/02/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/21/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/13/12	0.0068	<0.001	<0.001	<0.001	
MW - 6	05/24/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/07/12	0.0023	<0.001	<0.001	<0.001	
MW - 6	11/14/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/14/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	05/09/13	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 34 JUNCTION TO LEA
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 6	08/08/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	11/21/13	0.00170	<0.00100	<0.00100	<0.00300	
MW - 6	02/24/14	0.00690	<0.00100	<0.00100	<0.00300	
MW - 6	05/07/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 6	08/16/14	0.00300	<0.00100	<0.00100	<0.00100	
MW - 6	11/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	05/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	08/17/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/04/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	05/04/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	08/17/16	Plugged and Abandoned				
MW - 6A	08/24/16	1.02	<0.0500	0.504	0.394	
MW - 6A	11/07/16	0.380	<0.0530	0.139	0.0818	
MW - 6A	02/08/17	1.27	<0.100	0.394	0.465	
MW - 6A	05/10/17	0.994	<0.0100	0.434	0.382	
MW - 6A	08/15/17	2.26	<0.100	0.833	0.718	
MW - 6A	11/09/17	1.58	<0.0400	0.487	0.381	
MW - 6A	02/08/18	1.15	0.0128	0.494	0.297	
MW - 6A	05/03/18	1.21	<0.0200	0.563	0.308	
MW - 6A	08/23/18	1.66	<0.100	0.707	0.311	
MW - 6A	11/26/18	0.335	<0.0100	0.176	0.0939	
MW - 6A	02/06/19	0.391	0.00382	0.238	0.12019	
MW - 6A	05/08/19	0.912	<0.0100	0.519	0.184	
MW - 6A	08/08/19	0.528	0.00105	0.362	0.148	
MW - 6A	11/26/19	1.27	0.00126	0.292	0.161	
MW - 7	05/25/04	1.840	0.0267	0.813	0.4980	
MW - 7	07/26/04	2.110	0.608	1.180	2.0750	
MW - 7	10/04/04	1.940	<0.002	0.830	0.6310	
MW - 7	12/17/04	3.260	<0.005	0.604	0.4841	
MW - 7	03/29/05	3.270	<0.005	0.889	0.7090	
MW - 7	05/11/05	1.470	<0.002	0.759	0.4970	
MW - 7	08/16/05	2.710	<0.005	1.050	0.8720	
MW - 7	11/15/05	0.995	<0.001	0.540	0.3120	

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 34 JUNCTION TO LEA
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 7	02/15/06	1.010	<0.001	0.552	0.3710	
MW - 7	05/23/06	1.030	<0.001	0.483	0.2892	
MW - 7	08/09/06	2.040	0.001	1.070	0.8706	
MW - 7	11/27/06	2.250	<0.01	1.130	0.8610	
MW - 7	03/20/07	0.836	<0.10	0.804	0.9400	
MW - 7	06/04/07	1.040	<0.1	0.702	0.3070	
MW - 7	08/22/07	1.290	<0.05	0.790	0.2750	
MW - 7	11/29/07	1.470	<0.02	0.984	0.3930	
MW - 7	02/26/08	1.060	<0.01	0.704	0.2640	
MW - 7	05/22/08	1.060	<0.0100	0.683	0.2680	
MW - 7	08/28/08	1.100	<0.0100	0.672	0.2700	
MW - 7	11/20/08	1.180	<0.0100	0.690	0.2930	
MW - 7	02/16/09	0.672	<0.0100	0.355	0.1070	
MW - 7	05/29/09	1.290	<0.0100	0.717	0.3610	
MW - 7	08/06/09	1.380	0.0423	0.752	0.4740	
MW - 7	11/10/09	0.925	<0.010	0.458	0.2590	
MW - 7	02/04/10	0.994	<0.010	0.505	0.3280	
MW - 7	05/06/10	0.849	<0.010	0.393	0.2610	
MW - 7	08/05/10	0.608	<0.0500	0.287	0.1720	
MW - 7	11/04/10	0.975	<0.001	0.499	0.6050	
MW - 7	02/09/11	0.877	<0.0100	0.410	0.3910	
MW - 7	05/03/11	1.130	<0.0500	0.383	0.2370	
MW - 7	08/02/11	0.616	<0.0500	0.337	0.8970	
MW - 7	11/21/11	0.512	<0.005	0.187	0.1600	
MW - 7	02/13/12	0.539	<0.005	0.200	0.2510	
MW - 7	05/24/12	0.419	<0.050	0.151	0.1420	
MW - 7	08/07/12	1.060	<0.050	0.515	0.4720	
MW - 7	11/14/12	0.762	<0.005	0.288	0.3030	
MW - 7	02/14/13	0.610	<0.01000	0.290	0.265	
MW - 7	05/09/13	0.505	<0.00500	0.211	0.155	
MW - 7	08/08/13	0.590	<0.00500	0.226	0.105	
MW - 7	11/21/13	0.449	<0.00500	0.190	0.0711	
MW - 7	02/24/14	0.518	<0.0500	0.165	<0.150	
MW - 7	05/07/14	0.439	<0.0500	0.146	<0.150	
MW - 7	08/16/14	0.570	<0.0500	0.259	0.0893	
MW - 7	11/11/14	0.575	<0.0500	0.310	0.0995	
MW - 7	02/12/15	0.533	<0.0500	0.247	0.1110	

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

34 JUNCTION TO LEA

LEA COUNTY, NEW MEXICO

NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 7	05/18/15	0.578	<0.0500	0.278	0.0953	
MW - 7	08/17/15	0.268	<0.0500	0.0935	<0.0500	
MW - 7	11/12/15	0.626	<0.0500	0.2680	0.1670	
MW - 7	02/04/16	0.595	<0.0500	0.366	0.122	
MW - 7	05/04/16	0.492	<0.0500	0.148	0.0828	
MW - 7	08/18/16	Plugged and Abandoned				
MW - 7A	08/24/16	0.529	<0.0500	0.151	0.109	
MW - 7A	11/07/16	0.762	<0.0530	0.325	0.240	
MW - 7A	02/08/17	0.975	<0.100	0.481	0.252	
MW - 7A	05/10/17	0.809	<0.0100	0.213	0.201	
MW - 7A	08/15/17	1.54	<0.0100	0.488	0.1748	
MW - 7A	11/09/17	1.09	0.00507	0.135	0.0444	
MW - 7A	02/08/18	0.820	0.0210	0.0518	0.0517	
MW - 7A	05/03/18	0.399	0.00320	0.0378	0.0309	
MW - 7A	08/23/18	0.472	<0.100	0.0913	<0.200	
MW - 7A	11/26/18	0.298	<0.0100	<0.00500	<0.200	
MW - 7A	02/06/19	0.564	<0.0200	<0.0200	<0.0400	
MW - 7A	05/08/19	0.554	<0.00500	<0.00500	0.0254	
MW - 7A	08/08/19	0.472	<0.0100	<0.0100	<0.0200	
MW - 7A	11/26/19	0.295	0.00104	0.00401	0.00886	
MW - 8	03/22/06	0.0079	0.00399	0.0173	0.0187	
MW - 8	05/23/06	<0.001	<0.001	0.0129	<0.002	
MW - 8	08/09/06	<0.001	<0.001	0.0220	<0.002	
MW - 8	11/27/06	<0.001	<0.001	0.0131	<0.002	
MW - 8	03/20/07	<0.001	<0.001	0.0121	<0.001	
MW - 8	06/04/07	<0.001	<0.001	<0.001	<0.001	
MW - 8	08/22/07	<0.001	<0.001	<0.001	<0.001	
MW - 8	11/29/07	<0.005	<0.005	<0.005	<0.005	
MW - 8	02/26/08	<0.001	<0.001	<0.001	<0.001	
MW - 8	05/22/08	<0.001	<0.001	<0.001	<0.001	
MW - 8	08/27/08	<0.001	<0.001	<0.001	<0.001	
MW - 8	11/20/08	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/16/09	Not Sampled on Current Sample Schedule				
MW - 8	05/29/09	<0.001	<0.001	<0.001	<0.001	
MW - 8	08/06/09	Not Sampled on Current Sample Schedule				

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 34 JUNCTION TO LEA
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 8	11/10/09	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/04/10	<0.001	<0.001	<0.001	<0.001	
MW - 8	05/06/10	<0.001	<0.001	<0.001	<0.001	
MW - 8	08/05/10	<0.001	<0.001	<0.001	<0.001	
MW - 8	11/04/10	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 8	05/03/11	<0.001	<0.001	<0.001	<0.001	
MW - 8	08/02/11	<0.001	<0.001	<0.001	<0.001	
MW - 8	11/21/11	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/13/12	<0.001	<0.001	<0.001	<0.001	
MW - 8	05/24/12	<0.001	<0.001	<0.001	0.0020	
MW - 8	08/07/12	<0.001	<0.001	<0.001	<0.001	
MW - 8	11/14/12	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/14/13	Not Sampled on Current Sample Schedule				
MW - 8	05/09/13	Not Sampled on Current Sample Schedule				
MW - 8	08/08/13	Not Sampled on Current Sample Schedule				
MW - 8	11/21/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 8	02/24/14	Not Sampled on Current Sample Schedule				
MW - 8	05/07/14	Not Sampled on Current Sample Schedule				
MW - 8	08/06/14	Not Sampled on Current Sample Schedule				
MW - 8	11/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/12/15	Not Sampled on Current Sample Schedule				
MW - 8	05/18/15	Not Sampled on Current Sample Schedule				
MW - 8	08/17/15	Not Sampled on Current Sample Schedule				
MW - 8	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/04/16	Not Sampled on Current Sample Schedule				
MW - 8	05/04/16	Not Sampled on Current Sample Schedule				
MW - 8	08/24/16	Not Sampled on Current Sample Schedule				
MW - 8	11/07/16	<0.00100	<0.00100	0.00170	0.00130	
MW - 8	02/08/17	Not Sampled on Current Sample Schedule				
MW - 8	05/10/17	Not Sampled on Current Sample Schedule				
MW - 8	08/15/17	Not Sampled on Current Sample Schedule				
MW - 8	11/09/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 8	02/08/18	Not Sampled on Current Sample Schedule				
MW - 8	05/03/18	Not Sampled on Current Sample Schedule				
MW - 8	08/23/18	Not Sampled on Current Sample Schedule				
MW - 8	11/26/18	<0.00100	<0.0100	<0.00500	<0.0200	

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 34 JUNCTION TO LEA
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 8	02/06/19	Not Sampled on Current Sample Schedule				
MW - 8	05/08/19	Not Sampled on Current Sample Schedule				
MW - 8	08/08/19	Not Sampled on Current Sample Schedule				
MW - 8	11/26/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	03/22/06	0.0024	0.00238	0.0033	0.0060	
MW - 9	05/23/06	0.0074	<0.001	0.0157	0.0085	
MW - 9	08/09/06	<0.001	<0.001	<0.001	<0.002	
MW - 9	11/27/06	<0.001	<0.001	<0.001	<0.002	
MW - 9	03/20/07	<0.001	<0.001	<0.001	<0.001	
MW - 9	06/04/07	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/22/07	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/29/07	<0.005	<0.005	<0.005	<0.005	
MW - 9	02/26/08	<0.001	<0.001	<0.001	<0.001	
MW - 9	05/22/08	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/27/08	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/20/08	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/16/09	Not Sampled on Current Sample Schedule				
MW - 9	05/29/09	0.0035	0.003	<0.001	<0.001	
MW - 9	08/06/09	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/10/09	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/04/10	<0.001	<0.001	<0.001	<0.001	
MW - 9	05/06/10	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/05/10	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/04/10	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	05/03/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/02/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/21/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/13/12	<0.001	<0.001	<0.001	<0.001	
MW - 9	05/24/12	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/07/12	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/14/12	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/14/13	Not Sampled on Current Sample Schedule				
MW - 9	05/09/13	Not Sampled on Current Sample Schedule				
MW - 9	08/08/13	Not Sampled on Current Sample Schedule				
MW - 9	11/21/13	<0.00100	<0.00100	<0.00100	<0.00300	

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 34 JUNCTION TO LEA
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 9	02/24/14	Not Sampled on Current Sample Schedule				
MW - 9	05/07/14	Not Sampled on Current Sample Schedule				
MW - 9	08/06/14	Not Sampled on Current Sample Schedule				
MW - 9	11/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 9	02/12/15	Not Sampled on Current Sample Schedule				
MW - 9	05/18/15	Not Sampled on Current Sample Schedule				
MW - 9	08/17/15	Not Sampled on Current Sample Schedule				
MW - 9	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 9	02/04/16	Not Sampled on Current Sample Schedule				
MW - 9	05/04/16	Not Sampled on Current Sample Schedule				
MW - 9	08/24/16	Not Sampled on Current Sample Schedule				
MW - 9	11/07/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 9	02/08/17	Not Sampled on Current Sample Schedule				
MW - 9	05/10/17	Not Sampled on Current Sample Schedule				
MW - 9	08/15/17	Not Sampled on Current Sample Schedule				
MW - 9	11/09/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 9	02/08/18	Not Sampled on Current Sample Schedule				
MW - 9	05/03/18	Not Sampled on Current Sample Schedule				
MW - 9	08/23/18	Not Sampled on Current Sample Schedule				
MW - 9	11/26/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 9	02/06/19	Not Sampled on Current Sample Schedule				
MW - 9	05/08/19	Not Sampled on Current Sample Schedule				
MW - 9	08/08/19	Not Sampled on Current Sample Schedule				
MW - 9	11/26/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	03/22/06	1.7400	0.204	2.0900	0.5970	
MW - 10	05/23/06	0.0686	<0.001	0.0829	0.0224	
MW - 10	08/09/06	0.0957	0.0106	0.6010	0.3670	
MW - 10	11/27/06	0.0205	<0.001	0.0232	0.0026	
MW - 10	03/20/07	1.1000	<0.001	0.0777	0.0072	
MW - 10	06/04/07	0.0940	<0.001	0.1650	0.0425	
MW - 10	08/22/07	0.0937	<0.001	0.0877	0.0163	
MW - 10	11/29/07	0.0432	<0.001	0.0266	0.0066	
MW - 10	02/26/08	0.0840	0.002	0.1710	0.0572	
MW - 10	05/22/08	0.0536	0.001	0.1160	0.0389	
MW - 10	08/28/08	0.0302	<0.001	0.0261	0.0079	
MW - 10	11/20/08	0.0554	<0.001	0.1120	0.0395	

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 34 JUNCTION TO LEA
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 10	02/16/09	0.0917	<0.001	0.0812	0.0256	
MW - 10	05/29/09	0.1420	<0.001	0.0920	0.0407	
MW - 10	08/06/09	0.0944	<0.001	0.0255	0.0181	
MW - 10	11/10/09	0.0272	<0.001	0.0058	0.0019	
MW - 10	02/04/10	0.2200	<0.001	0.0644	0.0223	
MW - 10	05/06/10	0.1650	<0.001	0.1720	0.0611	
MW - 10	08/05/10	0.0152	<0.001	0.0116	0.0062	
MW - 10	11/04/10	0.0398	<0.001	0.1030	0.0361	
MW - 10	02/09/11	0.0334	<0.001	0.0566	0.0321	
MW - 10	05/03/11	0.0265	<0.001	0.0108	0.0034	
MW - 10	08/02/11	0.1340	<0.001	0.0136	0.0193	
MW - 10	11/21/11	0.2520	<0.001	0.0204	<0.001	
MW - 10	02/13/12	0.2080	<0.001	0.0172	0.0248	
MW - 10	05/24/12	0.2690	<0.050	<0.050	<0.050	
MW - 10	08/07/12	0.5270	<0.050	0.0857	<0.050	
MW - 10	11/14/12	0.2440	<0.005	<0.005	<0.005	
MW - 10	02/14/13	0.256	<0.00500	<0.00500	<0.00500	
MW - 10	05/09/13	0.256	<0.00500	<0.00500	<0.00500	
MW - 10	08/08/13	0.300	<0.00500	0.0719	0.0226	
MW - 10	11/21/13	0.362	<0.00100	0.0389	<0.00300	
MW - 10	02/24/14	0.284	<0.00100	0.0317	<0.00300	
MW - 10	05/07/14	0.157	<0.0500	<0.0500	<0.150	
MW - 10	08/16/14	0.231	<0.00100	0.0035	0.00130	
MW - 10	11/11/14	<0.0200	<0.0200	0.0216	<0.0200	
MW - 10	02/12/15	0.0366	<0.0200	0.0258	<0.0200	
MW - 10	05/18/15	0.0154	<0.00100	0.0520	0.0187	
MW - 10	08/17/15	0.102	<0.0500	<0.0500	<0.0500	
MW - 10	11/12/15	0.104	<0.0500	0.1250	0.1090	
MW - 10	02/04/16	0.0827	<0.00100	0.0257	0.0166	
MW - 10	05/04/16	0.0737	<0.00100	0.0214	0.0153	
MW - 10	08/24/16	0.168	<0.0500	0.0246	0.0396	
MW - 10	11/07/16	0.0792	<0.00100	0.0344	0.0240	
MW - 10	02/08/17	0.0746	<0.00200	0.0120	0.0132	
MW - 10	05/10/17	0.113	<0.00200	0.0232	0.0201	
MW - 10	08/15/17	0.223	<0.00200	0.0328	0.0221	
MW - 10	11/09/17	0.203	0.00237	0.0459	0.0226	
MW - 10	02/08/18	0.119	<0.00200	0.0302	0.0180	

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 34 JUNCTION TO LEA
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 10	05/03/18	0.139	<0.00200	0.0237	0.0151	
MW - 10	08/22/18	0.0937	<0.0100	0.00985	<0.0200	
MW - 10	11/26/18	0.0616	<0.0100	<0.00500	<0.0200	
MW - 10	02/06/19	0.0908	<0.0200	<0.0200	<0.0400	
MW - 10	05/08/19	0.0962	<0.00100	0.00523	0.00677	
MW - 10	08/08/19	0.0498	<0.00100	0.00112	0.00201	
MW - 10	11/26/19	0.0278	<0.00100	0.00455	0.00329	
MW - 11	08/22/07	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	11/29/07	<0.005	<0.005	<0.005	<0.00500	
MW - 11	02/26/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	05/22/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	08/27/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	11/20/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/16/09	Not Sampled				
MW - 11	05/29/09	<0.00100	<0.00100	0.0042	<0.00100	
MW - 11	08/06/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	11/10/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/04/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	05/06/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	08/05/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	11/04/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/09/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	05/03/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	08/02/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	11/21/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/13/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	05/24/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	08/07/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	11/14/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/26/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	05/09/13	Monitor Well Damaged, could not sample				
MW - 11	08/08/13	Monitor Well Damaged, could not sample				
MW - 11	11/21/13	Monitor Well Damaged, could not sample				
MW - 11	02/04/14	Plugged and Abandoned				
MW - 11A	02/24/14	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

34 JUNCTION TO LEA

LEA COUNTY, NEW MEXICO

NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 11A	05/07/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 11A	08/16/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11A	11/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11A	02/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11A	05/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11A	08/17/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11A	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11A	02/04/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11A	05/04/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11A	08/24/16	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 11A	11/07/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11A	02/08/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 11A	05/10/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 11A	08/15/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 11A	11/09/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 11A	02/08/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 11A	05/03/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 11A	08/22/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 11A	11/26/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 11A	02/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	05/08/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	08/08/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	11/26/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	02/24/14	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW - 12	05/07/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 12	08/16/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	11/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	02/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	05/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	08/17/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	02/04/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	05/04/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	08/24/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	11/07/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	02/08/17	<0.00200	<0.00200	<0.00200	<0.00200	

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 34 JUNCTION TO LEA
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number 1R-0386

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 12	05/10/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 12	08/15/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 12	11/09/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 12	02/08/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 12	05/03/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 12	08/22/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 12	11/26/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 12	02/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	05/08/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	08/08/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	11/26/19	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 3

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 TO LEA STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0386

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-1	03/20/07	<0.0002	<0.0002	0.0019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	0.0026	<0.0004	<0.0002	<0.0002	0.0558	--	---	0.0025
MW-1	11/20/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.00216	<0.000185	0.00139	<0.000185	0.010	0.0303	0.00294	0.00134
MW-1	11/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000843	<0.000184	0.00135	0.0101	0.00102	0.000547
MW-1	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	12/15/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00146	<0.000184	0.00143	<0.000184	0.00892	0.0180	0.00719	0.00141
MW-1	11/15/12	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	0.0187	<0.000190	0.0232	<0.000190	0.0268	0.1390	0.0471	0.0165
MW-1	11/21/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0611	0.0629	0.0436	<0.000200
MW-1	11/11/14	<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	0.044	0.0656	0.0142	<0.000200
MW-1	11/12/15	<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	0.608	1.07	0.181	<0.000200
MW-1	11/07/16	<0.000200	<0.000200	<0.000200	<0.000721	<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	11/19/17	0.00267	<0.000166	<0.000166	0.000232	<0.000166	<0.000166	<0.000166	<0.000166	<0.000166	<0.000166	<0.000166	0.00276	<0.000166	0.00230	<0.000166	0.0119		0.00285	
MW-1	11/26/18	<0.00010	0.00072	<0.00010	0.00032	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0027	<0.00010	0.0034	<0.00010	0.0795		0.0028	
MW-1	11/26/19	0.00046	0.00053	0.00040	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	0.00060	<0.000099	0.00020	0.0056	<0.000099	0.0057	0.00017	0.115		0.0051
MW-2	03/20/07	<0.0002	<0.0002	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	0.001	<0.0004	<0.0002	<0.0002	0.0214	---	---	0.0008
MW-2	11/20/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000383	<0.000185	0.000367	<0.000185	0.000269	0.00614	<0.000185	<0.000185
MW-2	11/10/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000833	0.00572	<0.000183	<0.000183
MW-2	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/11/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/12/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/07/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/09/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/26/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	03/20/07	0.0166	<0.001	0.216	0.0067	0.0081	<0.001	<0.001	<0.002	0.0315	<0.001	0.0236	0.148	<0.002	<0.001	0.0246	0.417	---	---	0.111
MW-3	11/20/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000218	0.00329	<0.000183	0.00263	<0.000183	0.00547	0.0366	0.00206	0.00245
MW-3	11/10/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.00193	<0.000185	0.00213	<0.000185	0.000734	0.0214	<0.000185	0.00146
MW-3	11/04/10	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	0.00508	<0.000198	0.00891	0.00101	<0.000198	0.0606	<0.000198	0.00285
MW-3	12/15/11	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.00180	<0.000185	0.00225	<0.000185	0.00043	0.0167	<0.000185	0.0018
MW-3	11/15/12	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	0.00472	<0.000190	0.00457	<0.000190	0.0410	0.0461	0.0291	0.0044

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER
PLAINS MARKETING, L.P.
JUNCTION 34 TO LEA STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0386

EPA SW846-8270C, 3510

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TABLE 3

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

JUNCTION 34 TO LEA STATION

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER 1R-0386

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
	MW-5A	11/07/16	<0.000200	<0.000200	<0.000200	<0.0000721	<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-5A	11/09/17	<0.000167	<0.000167	<0.000167	<0.000167	<0.000167	<0.000167	<0.000167	<0.000167	<0.000167	<0.000167	0.000899	<0.000167	0.000625	<0.000167	0.000546		0.00270	
	MW-5A	11/26/18	Not Sampled as part of Quarterly Monitoring Event.																	
MW-5A	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	03/20/07	<0.0002	<0.0002	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	---	---	0.0003
MW-6	11/20/08	<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-6	11/10/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-6	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/11/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/12/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	08/17/16	Plugged and Abandoned																		
MW-6A	11/07/16	<0.000200	<0.000200	<0.000200	<0.0000721	<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-6A	11/09/17	0.000263	<0.000168	<0.000168	0.000196	<0.000168	<0.000168	<0.000168	<0.000168	<0.000168	<0.000168	<0.000168	0.00146	<0.000168	0.00101	<0.000168	0.0272		0.00184	
MW-6A	11/26/18	0.00038	0.00035	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00012	<0.00010	<0.00010	0.00025	<0.00010	0.0013	<0.00010	0.056		<0.00010	
MW-6A	11/26/19	0.00014	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00016	<0.00010	<0.00010	0.0013	<0.00010	0.00091	<0.00010	0.073		0.0013	
MW-7	03/20/07	<0.0002	<0.0002	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	0.0009	<0.0004	<0.0002	<0.0002	0.0252	---	---	0.0092
MW-7	11/20/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00125	<0.000184	0.00073	<0.000184	0.0216	0.0212	0.00878	0.00104
MW-7	11/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00169	0.00241	<0.000184	<0.000184
MW-7	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	12/15/11	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000453	<0.000185	0.000372	<0.000185	0.000956	0.00527	0.00127	0.00047
MW-7	11/15/12	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	0.000831	<0.000190	0.000568	<0.000190	0.00968	0.0173	0.00337	0.000826
MW-7	11/21/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.00848	<0.000200	<0.000200	0.0217	<0.000200	<0.000200	<0.000200
MW-7	11/11/14	<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	0.026	0.0549	0.00821	<0.000200
MW-7	11/12/15	<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	0.634	1.36	0.188	<0.000200
MW-7	08/17/16	Plugged and Abandoned																		
MW-7A	11/07/16	<0.000200	<0.000200	<0.000200	<0.0000721	<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-7A	11/09/17	0.00103	0.000275	<0.000165	<0.000357	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	0.00352	<0.000165	0.00278	<0.000165	0.0222		0.00296	

TABLE 3

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER
PLAINS MARKETING, L.P.
JUNCTION 34 TO LEA STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0386

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																			
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran	
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---	
MW-7A	11/26/18	0.00039	0.00034	<0.00010	0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00017	<0.00010	0.00078	<0.00010	0.0351			<0.00010	
MW-7A	11/26/19	0.00027	0.00023	0.00019	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	0.00043	<0.000098	0.00014	0.00220	<0.000098	0.00260	0.00012	0.0433			0.0017	
MW-8	03/20/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-8	11/20/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
MW-8	11/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-8	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-8	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																			
MW-8	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																			
MW-8	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																			
MW-8	11/11/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-8	11/12/15	Not Sampled as part of Quarterly Monitoring Event.																			
MW-8	11/07/16	Not Sampled as part of Quarterly Monitoring Event.																			
MW-8	11/09/17	Not Sampled as part of Quarterly Monitoring Event.																			
MW-8	11/26/18	Not Sampled as part of Quarterly Monitoring Event.																			
MW-8	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																			
MW-9	03/20/07	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	<0.0002	---	---	<0.0002
MW-9	11/20/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-9	11/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-9	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-9	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																			
MW-9	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																			
MW-9	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																			
MW-9	11/11/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-9	11/12/15	Not Sampled as part of Quarterly Monitoring Event.																			
MW-9	11/07/16	Not Sampled as part of Quarterly Monitoring Event.																			
MW-9	11/09/17	Not Sampled as part of Quarterly Monitoring Event.																			
MW-9	11/26/18	Not Sampled as part of Quarterly Monitoring Event.																			
MW-9	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																			
MW-10	03/20/07	<0.0002	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0005	<0.0002	<0.0002	<0.0002	0.0085	---	---	0.0005	
MW-10	11/20/08	<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	0.000646	0.000828	0.000196	<0.000185	
MW-10	11/10/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-10	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-10	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																			

TABLE 3

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER
PLAINS MARKETING, L.P.
JUNCTION 34 TO LEA STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0386

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-10	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/11/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/12/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/07/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/09/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/26/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	03/20/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11	11/20/08	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187
MW-11	11/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-11	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/11/14	Plugged and Abandoned February 4, 2014																		
MW-11A	11/11/14	<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-11A	11/12/15	<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-11A	11/07/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11A	11/09/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11A	11/26/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11A	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/11/14	<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	11/12/15	<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	11/07/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/09/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/26/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		

2019 Laboratory Reports

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



Analytical Report

Prepared for:

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Location: None Given
Lab Order Number: 9B07004



NELAP/TCEQ # T104704516-18-9

Report Date: 02/12/19

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Scott Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW 11A	9B07004-01	Water	02/06/19 11:10	02-07-2019 09:35
MW 4A	9B07004-02	Water	02/06/19 11:32	02-07-2019 09:35
MW 5A	9B07004-03	Water	02/06/19 11:56	02-07-2019 09:35
MW 12	9B07004-04	Water	02/06/19 12:25	02-07-2019 09:35
MW 10	9B07004-05	Water	02/06/19 12:52	02-07-2019 09:35
MW 2	9B07004-06	Water	02/06/19 13:17	02-07-2019 09:35
MW 3	9B07004-07	Water	02/06/19 14:05	02-07-2019 09:35
MW 7A	9B07004-08	Water	02/06/19 14:32	02-07-2019 09:35
MW 1	9B07004-09	Water	02/06/19 14:55	02-07-2019 09:35
MW 6A	9B07004-10	Water	02/06/19 15:37	02-07-2019 09:35

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Scott Stanley

Fax: (432) 520-7701

MW 11A
9B07004-01 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		101 %	80-120		P9B0703	02/07/19	02/07/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		94.2 %	80-120		P9B0703	02/07/19	02/07/19	EPA 8021B

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Scott Stanley

Fax: (432) 520-7701

MW 4A
9B07004-02 (Water)

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

Organics by GC

Benzene	0.00143	0.00100	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B
Ethylbenzene	0.00321	0.00100	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B
Xylene (p/m)	0.00444	0.00200	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>94.4 %</i>	<i>80-120</i>		<i>P9B0703</i>	<i>02/07/19</i>	<i>02/07/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>83.6 %</i>	<i>80-120</i>		<i>P9B0703</i>	<i>02/07/19</i>	<i>02/07/19</i>	<i>EPA 8021B</i>

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Scott Stanley

Fax: (432) 520-7701

MW 5A
9B07004-03 (Water)

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

Organics by GC

Benzene	0.0114	0.00100	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B	
Toluene	0.00146	0.00100	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B	
Ethylbenzene	0.00235	0.00100	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B	
Xylene (p/m)	0.00795	0.00200	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.5 %	80-120		P9B0703	02/07/19	02/07/19	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		74.0 %	80-120		P9B0703	02/07/19	02/07/19	EPA 8021B	S-GC

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Scott Stanley

Fax: (432) 520-7701

MW 12
9B07004-04 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P9B0703	02/07/19	02/07/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		95.5 %	80-120		P9B0703	02/07/19	02/07/19	EPA 8021B

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Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Scott Stanley

Fax: (432) 520-7701

MW 10
9B07004-05 (Water)

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

Organics by GC

Benzene	0.0908	0.0200	mg/L	20	P9B0703	02/07/19	02/07/19	EPA 8021B
Toluene	ND	0.0200	mg/L	20	P9B0703	02/07/19	02/07/19	EPA 8021B
Ethylbenzene	ND	0.0200	mg/L	20	P9B0703	02/07/19	02/07/19	EPA 8021B
Xylene (p/m)	ND	0.0400	mg/L	20	P9B0703	02/07/19	02/07/19	EPA 8021B
Xylene (o)	ND	0.0200	mg/L	20	P9B0703	02/07/19	02/07/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>98.2 %</i>	<i>80-120</i>		<i>P9B0703</i>	<i>02/07/19</i>	<i>02/07/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>102 %</i>	<i>80-120</i>		<i>P9B0703</i>	<i>02/07/19</i>	<i>02/07/19</i>	<i>EPA 8021B</i>

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Midland TX, 79705

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Scott Stanley

Fax: (432) 520-7701

MW 2

9B07004-06 (Water)

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

Organics by GC

Benzene	0.0264	0.00100	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B
Ethylbenzene	0.00828	0.00100	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B
Xylene (p/m)	0.00621	0.00200	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9B0703	02/07/19	02/07/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		99.2 %	80-120		P9B0703	02/07/19	02/07/19	EPA 8021B
<i>Surrogate: 1,4-Difluorobenzene</i>		96.1 %	80-120		P9B0703	02/07/19	02/07/19	EPA 8021B

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Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Scott Stanley

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MW 3

9B07004-07 (Water)

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

Organics by GC

Benzene	0.486	0.0200	mg/L	20	P9B0703	02/07/19	02/07/19	EPA 8021B
Toluene	ND	0.0200	mg/L	20	P9B0703	02/07/19	02/07/19	EPA 8021B
Ethylbenzene	0.0398	0.0200	mg/L	20	P9B0703	02/07/19	02/07/19	EPA 8021B
Xylene (p/m)	0.0764	0.0400	mg/L	20	P9B0703	02/07/19	02/07/19	EPA 8021B
Xylene (o)	ND	0.0200	mg/L	20	P9B0703	02/07/19	02/07/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>90.5 %</i>	<i>80-120</i>		<i>P9B0703</i>	<i>02/07/19</i>	<i>02/07/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>103 %</i>	<i>80-120</i>		<i>P9B0703</i>	<i>02/07/19</i>	<i>02/07/19</i>	<i>EPA 8021B</i>

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Midland TX, 79705

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Scott Stanley

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MW 7A
9B07004-08 (Water)

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

Organics by GC

Benzene	0.564	0.0200	mg/L	20	P9B0703	02/07/19	02/07/19	EPA 8021B
Toluene	ND	0.0200	mg/L	20	P9B0703	02/07/19	02/07/19	EPA 8021B
Ethylbenzene	ND	0.0200	mg/L	20	P9B0703	02/07/19	02/07/19	EPA 8021B
Xylene (p/m)	ND	0.0400	mg/L	20	P9B0703	02/07/19	02/07/19	EPA 8021B
Xylene (o)	ND	0.0200	mg/L	20	P9B0703	02/07/19	02/07/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>87.9 %</i>	<i>80-120</i>		<i>P9B0703</i>	<i>02/07/19</i>	<i>02/07/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>104 %</i>	<i>80-120</i>		<i>P9B0703</i>	<i>02/07/19</i>	<i>02/07/19</i>	<i>EPA 8021B</i>

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Midland TX, 79705

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Scott Stanley

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MW 1

9B07004-09 (Water)

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

Organics by GC

Benzene	0.202	0.00100	mg/L	1	P9B1103	02/08/19	02/08/19	EPA 8021B	
Toluene	0.00258	0.00100	mg/L	1	P9B1103	02/08/19	02/08/19	EPA 8021B	
Ethylbenzene	0.134	0.00100	mg/L	1	P9B1103	02/08/19	02/08/19	EPA 8021B	
Xylene (p/m)	0.0686	0.00200	mg/L	1	P9B1103	02/08/19	02/08/19	EPA 8021B	
Xylene (o)	0.00278	0.00100	mg/L	1	P9B1103	02/08/19	02/08/19	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>94.0 %</i>	<i>80-120</i>		<i>P9B1103</i>	<i>02/08/19</i>	<i>02/08/19</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>97.8 %</i>	<i>80-120</i>		<i>P9B1103</i>	<i>02/08/19</i>	<i>02/08/19</i>	<i>EPA 8021B</i>	

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Midland TX, 79705

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MW 6A
9B07004-10 (Water)

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

Organics by GC

Benzene	0.391	0.00100	mg/L	1	P9B1103	02/08/19	02/08/19	EPA 8021B	
Toluene	0.00382	0.00100	mg/L	1	P9B1103	02/08/19	02/08/19	EPA 8021B	
Ethylbenzene	0.238	0.00100	mg/L	1	P9B1103	02/08/19	02/08/19	EPA 8021B	
Xylene (p/m)	0.119	0.00200	mg/L	1	P9B1103	02/08/19	02/08/19	EPA 8021B	
Xylene (o)	0.00119	0.00100	mg/L	1	P9B1103	02/08/19	02/08/19	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		70.0 %	80-120		P9B1103	02/08/19	02/08/19	EPA 8021B	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>		116 %	80-120		P9B1103	02/08/19	02/08/19	EPA 8021B	

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Midland TX, 79705

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9B0703 - General Preparation (GC)

Blank (P9B0703-BLK1)

Prepared & Analyzed: 02/07/19

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	0.0620		"	0.0600		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.0563		"	0.0600		93.9	80-120			

LCS (P9B0703-BS1)

Prepared & Analyzed: 02/07/19

Benzene	0.0981	0.00100	mg/L	0.100		98.1	80-120			
Toluene	0.0973	0.00100	"	0.100		97.3	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.175	0.00200	"	0.200		87.3	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.0554		"	0.0600		92.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.0529		"	0.0600		88.1	80-120			

LCS Dup (P9B0703-BSD1)

Prepared & Analyzed: 02/07/19

Benzene	0.110	0.00100	mg/L	0.100		110	80-120	11.5	20	
Toluene	0.108	0.00100	"	0.100		108	80-120	10.4	20	
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120	2.32	20	
Xylene (p/m)	0.193	0.00200	"	0.200		96.7	80-120	10.2	20	
Xylene (o)	0.114	0.00100	"	0.100		114	80-120	11.5	20	
Surrogate: 4-Bromofluorobenzene	0.0578		"	0.0600		96.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.0588		"	0.0600		98.0	80-120			

Duplicate (P9B0703-DUP1)

Source: 9B07004-08

Prepared & Analyzed: 02/07/19

Benzene	0.590	0.0200	mg/L		0.564			4.61	20	
Toluene	ND	0.0200	"		ND				20	
Ethylbenzene	ND	0.0200	"		ND				20	
Xylene (p/m)	ND	0.0400	"		ND				20	
Xylene (o)	ND	0.0200	"		ND				20	
Surrogate: 4-Bromofluorobenzene	0.0573		"	0.0600		95.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.0683		"	0.0600		114	80-120			

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Scott Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9B1103 - General Preparation (GC)

Blank (P9B1103-BLK1)

Prepared & Analyzed: 02/08/19

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	0.0603		"	0.0600		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.0580		"	0.0600		96.6	80-120			

LCS (P9B1103-BS1)

Prepared & Analyzed: 02/08/19

Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.182	0.00200	"	0.200		90.8	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	0.0585		"	0.0600		97.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.0698		"	0.0600		116	80-120			

LCS Dup (P9B1103-BSD1)

Prepared & Analyzed: 02/08/19

Benzene	0.111	0.00100	mg/L	0.100		111	80-120	4.44	20	
Toluene	0.111	0.00100	"	0.100		111	80-120	8.70	20	
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120	0.933	20	
Xylene (p/m)	0.194	0.00200	"	0.200		97.0	80-120	6.55	20	
Xylene (o)	0.119	0.00100	"	0.100		119	80-120	6.05	20	
Surrogate: 4-Bromofluorobenzene	0.0623		"	0.0600		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.0757		"	0.0600		126	80-120			S-GC

Matrix Spike (P9B1103-MS1)

Source: 9B07004-10

Prepared & Analyzed: 02/08/19

Benzene	0.487	0.00100	mg/L	0.100	0.391	96.1	80-120			
Toluene	0.282	0.00100	"	0.100	0.00382	278	80-120			QM-05
Ethylbenzene	0.356	0.00100	"	0.100	0.238	118	80-120			
Xylene (p/m)	0.411	0.00200	"	0.200	0.119	146	80-120			QM-05
Xylene (o)	0.255	0.00100	"	0.100	0.00119	254	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.0466		"	0.0600		77.6	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0562		"	0.0600		93.8	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.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By:



Date:

2/12/2019

Brent Barron, Laboratory Director/Technical Director

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



Phone: 432-686-7235

Project Name: 34 J/oc

Project #: 2002-10786

Project Location:

POB

Report Format: ☒ Standard ☐ TRBP ☐ NBBCC

INDEX

ORDER #: 9B07004

10

Analyze For:

[illegible]

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
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Figure 1

10

100

1000

[illegible]

Age Group	Total	Female	Male	Unknown
18-24	100	85	15	0
25-34	100	75	25	0
35-44	100	85	15	0
45-54	100	65	35	0
55-64	100	55	45	0
65+	100	45	55	0

[illegible][illegible][illegible]

[illegible][illegible][illegible]

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[illegible]

Comments:

Winners Intact?

Headspace?

Trainer(s) _____

on container(s)

Delivered.

Client Rep. ?

U.S. Department of Health and Human Services
Hypon Receipt:

00

CFB

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

Standard TAT

Page 16 of 16

[illegible]

**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: 34 Junction to Lea
Project Number: 2002-10286
Location: None Given
Lab Order Number: 9E10007



NELAP/TCEQ # T104704516-18-9

Report Date: 06/03/19

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW 11A	9E10007-01	Water	05/08/19 12:40	05-10-2019 08:55
MW 5A	9E10007-02	Water	05/08/19 13:25	05-10-2019 08:55
MW 12	9E10007-03	Water	05/08/19 13:55	05-10-2019 08:55
MW 4A	9E10007-04	Water	05/08/19 14:25	05-10-2019 08:55
MW 10	9E10007-05	Water	05/08/19 15:00	05-10-2019 08:55
MW 1	9E10007-06	Water	05/08/19 15:25	05-10-2019 08:55
MW 2	9E10007-07	Water	05/08/19 15:55	05-10-2019 08:55
MW 6A	9E10007-08	Water	05/08/19 16:20	05-10-2019 08:55
MW 3	9E10007-09	Water	05/08/19 16:52	05-10-2019 08:55
MW 7A	9E10007-10	Water	05/08/19 17:10	05-10-2019 08:55

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 11A
9E10007-01 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>87.2 %</i>	<i>80-120</i>		<i>P9E1302</i>	<i>05/13/19</i>	<i>05/19/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>104 %</i>	<i>80-120</i>		<i>P9E1302</i>	<i>05/13/19</i>	<i>05/19/19</i>	<i>EPA 8021B</i>

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 5A
9E10007-02 (Water)

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

Organics by GC

Benzene	0.0117	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Ethylbenzene	0.00139	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Xylene (p/m)	0.00287	0.00200	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>84.0 %</i>	<i>80-120</i>		<i>P9E1302</i>	<i>05/13/19</i>	<i>05/19/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>91.3 %</i>	<i>80-120</i>		<i>P9E1302</i>	<i>05/13/19</i>	<i>05/19/19</i>	<i>EPA 8021B</i>

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 12
9E10007-03 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		84.4 %	80-120		P9E1302	05/13/19	05/19/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		101 %	80-120		P9E1302	05/13/19	05/19/19	EPA 8021B

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 4A
9E10007-04 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Ethylbenzene	0.00311	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>81.6 %</i>	<i>80-120</i>		<i>P9E1302</i>	<i>05/13/19</i>	<i>05/19/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>88.0 %</i>	<i>80-120</i>		<i>P9E1302</i>	<i>05/13/19</i>	<i>05/19/19</i>	<i>EPA 8021B</i>

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10 Desta Dr STE 150E
Midland TX, 79705

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 10
9E10007-05 (Water)

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

Organics by GC

Benzene	0.0962	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Ethylbenzene	0.00523	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Xylene (p/m)	0.00677	0.00200	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		85.2 %	80-120		P9E1302	05/13/19	05/19/19	EPA 8021B
<i>Surrogate: 1,4-Difluorobenzene</i>		117 %	80-120		P9E1302	05/13/19	05/19/19	EPA 8021B

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10 Desta Dr STE 150E
Midland TX, 79705

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 1

9E10007-06 (Water)

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

Organics by GC

Benzene	0.304	0.00500	mg/L	5	P9E1302	05/13/19	05/19/19	EPA 8021B	
Toluene	ND	0.00500	mg/L	5	P9E1302	05/13/19	05/19/19	EPA 8021B	
Ethylbenzene	0.122	0.00500	mg/L	5	P9E1302	05/13/19	05/19/19	EPA 8021B	
Xylene (p/m)	0.0452	0.0100	mg/L	5	P9E1302	05/13/19	05/19/19	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	5	P9E1302	05/13/19	05/19/19	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		73.4 %		80-120	P9E1302	05/13/19	05/19/19	EPA 8021B	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>		90.2 %		80-120	P9E1302	05/13/19	05/19/19	EPA 8021B	

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 2

9E10007-07 (Water)

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

Organics by GC

Benzene	0.0557	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B	
Ethylbenzene	0.0206	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B	
Xylene (p/m)	0.00867	0.00200	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		64.2 %	80-120		P9E1302	05/13/19	05/19/19	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		89.7 %	80-120		P9E1302	05/13/19	05/19/19	EPA 8021B	

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 6A
9E10007-08 (Water)

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

Organics by GC

Benzene	0.912	0.0100	mg/L	10	P9E1302	05/13/19	05/19/19	EPA 8021B	
Toluene	ND	0.0100	mg/L	10	P9E1302	05/13/19	05/19/19	EPA 8021B	
Ethylbenzene	0.519	0.0100	mg/L	10	P9E1302	05/13/19	05/19/19	EPA 8021B	
Xylene (p/m)	0.184	0.0200	mg/L	10	P9E1302	05/13/19	05/19/19	EPA 8021B	
Xylene (o)	ND	0.0100	mg/L	10	P9E1302	05/13/19	05/19/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		69.7 %		80-120	P9E1302	05/13/19	05/19/19	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		97.1 %		80-120	P9E1302	05/13/19	05/19/19	EPA 8021B	

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 3

9E10007-09 (Water)

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

Organics by GC

Benzene	0.246	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B	
Ethylbenzene	0.0351	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B	
Xylene (p/m)	0.0582	0.00200	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9E1302	05/13/19	05/19/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		63.3 %	80-120		P9E1302	05/13/19	05/19/19	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		88.5 %	80-120		P9E1302	05/13/19	05/19/19	EPA 8021B	

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 7A
9E10007-10 (Water)

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

Organics by GC

Benzene	0.554	0.00500	mg/L	5	P9E1302	05/13/19	05/19/19	EPA 8021B	
Toluene	ND	0.00500	mg/L	5	P9E1302	05/13/19	05/19/19	EPA 8021B	
Ethylbenzene	ND	0.00500	mg/L	5	P9E1302	05/13/19	05/19/19	EPA 8021B	
Xylene (p/m)	0.0254	0.0100	mg/L	5	P9E1302	05/13/19	05/19/19	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	5	P9E1302	05/13/19	05/19/19	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>64.1 %</i>		<i>80-120</i>	<i>P9E1302</i>	<i>05/13/19</i>	<i>05/19/19</i>	<i>EPA 8021B</i>	<i>S-GC</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>91.8 %</i>		<i>80-120</i>	<i>P9E1302</i>	<i>05/13/19</i>	<i>05/19/19</i>	<i>EPA 8021B</i>	

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9E1302 - General Preparation (GC)

Blank (P9E1302-BLK1)

Prepared: 05/13/19 Analyzed: 05/19/19

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	0.0447		"	0.0600		74.5	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0494		"	0.0600		82.4	80-120			

LCS (P9E1302-BS1)

Prepared: 05/13/19 Analyzed: 05/19/19

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.0996	0.00100	"	0.100		99.6	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.175	0.00200	"	0.200		87.4	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	0.0509		"	0.0600		84.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.0651		"	0.0600		108	80-120			

LCS Dup (P9E1302-BSD1)

Prepared: 05/13/19 Analyzed: 05/19/19

Benzene	0.105	0.00100	mg/L	0.100		105	80-120	1.51	20	
Toluene	0.104	0.00100	"	0.100		104	80-120	4.41	20	
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120	2.25	20	
Xylene (p/m)	0.181	0.00200	"	0.200		90.5	80-120	3.42	20	
Xylene (o)	0.107	0.00100	"	0.100		107	80-120	0.0932	20	
Surrogate: 4-Bromofluorobenzene	0.0512		"	0.0600		85.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.0650		"	0.0600		108	80-120			

Calibration Blank (P9E1302-CCB1)

Prepared: 05/13/19 Analyzed: 05/19/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	1.49		"							
Xylene (o)	0.730		"							
Surrogate: 4-Bromofluorobenzene	0.0518		"	0.0600		86.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.0562		"	0.0600		93.7	80-120			

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9E1302 - General Preparation (GC)

Calibration Blank (P9E1302-CCB2)

Prepared: 05/13/19 Analyzed: 05/19/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.0492		"	0.0600		82.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.0638		"	0.0600		106	80-120			

Calibration Check (P9E1302-CCV1)

Prepared: 05/13/19 Analyzed: 05/19/19

Benzene	0.0955	0.00100	mg/L	0.100		95.5	80-120			
Toluene	0.0966	0.00100	"	0.100		96.6	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.166	0.00200	"	0.200		83.2	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.0502		"	0.0600		83.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.0679		"	0.0600		113	80-120			

Calibration Check (P9E1302-CCV2)

Prepared: 05/13/19 Analyzed: 05/19/19

Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.0998	0.00100	"	0.100		99.8	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.172	0.00200	"	0.200		86.2	80-120			
Xylene (o)	0.0974	0.00100	"	0.100		97.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.0510		"	0.0600		85.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.0699		"	0.0600		116	80-120			

Calibration Check (P9E1302-CCV3)

Prepared: 05/13/19 Analyzed: 05/19/19

Benzene	0.111	0.00100	mg/L	0.100		111	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.177	0.00200	"	0.200		88.4	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.0502		"	0.0600		83.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.0677		"	0.0600		113	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9E1302 - General Preparation (GC)

Matrix Spike (P9E1302-MS1)

Source: 9E10009-01

Prepared: 05/13/19 Analyzed: 05/19/19

Benzene	0.103	0.00100	mg/L	0.100	ND	103	80-120			
Toluene	0.0970	0.00100	"	0.100	ND	97.0	80-120			
Ethylbenzene	0.110	0.00100	"	0.100	0.00333	107	80-120			
Xylene (p/m)	0.162	0.00200	"	0.200	ND	80.8	80-120			
Xylene (o)	0.0899	0.00100	"	0.100	ND	89.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.0529		"	0.0600		88.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.0674		"	0.0600		112	80-120			

Matrix Spike Dup (P9E1302-MSD1)

Source: 9E10009-01

Prepared: 05/13/19 Analyzed: 05/19/19

Benzene	0.0999	0.00100	mg/L	0.100	ND	99.9	80-120	3.36	20	
Toluene	0.0970	0.00100	"	0.100	ND	97.0	80-120	0.0103	20	
Ethylbenzene	0.110	0.00100	"	0.100	0.00333	106	80-120	0.207	20	
Xylene (p/m)	0.163	0.00200	"	0.200	ND	81.4	80-120	0.734	20	
Xylene (o)	0.0909	0.00100	"	0.100	ND	90.9	80-120	1.06	20	
Surrogate: 4-Bromofluorobenzene	0.0516		"	0.0600		86.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.0649		"	0.0600		108	80-120			

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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:

6/3/2019

Brent Barron, Laboratory Director/Technical Director

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



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79708

Phone: 432-686-7235

Project Manager:

Scott Stanley

Project Name:

Textcastell

Company Name

TRC Solutions

Project #:

Company Address:

10 Dosta Dr

Project Loc:

City/State/Zip:

Midland TX 79705

PO #:

Telephone No:

(432) 520-7720

Report Format:

☐ Standard ☐ TRRP ☐ NPDES

Sampler Signature:

Glenn Stanley

e-mail:

(lab use only)

ORDER #: 9E10007

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW=Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH by TX 1005 8015B 8015M

Chloride

BTEX by 8021B

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

Standard TAT

Special Instructions:

Relinquished by:

Glenn Stanley

Date

5-10-198:55

Time

Received by:

Time

Relinquished by:

Relinquished by:

Date

Time

Received by: Glenn Stanley

Received by PSEL:

Date

Time

5/10/19 8:55

Laboratory Comments:

Sample Containers Intact?

VOGs Free of Headspaces?

Labels on container(s)?

Custody seals on container(s)?

Sample Hand Delivered

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:

Adjusted: 5.1

Adjusted: 5.1

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



Analytical Report

Prepared for:

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Location: None Given
Lab Order Number: 9H09006



NELAP/TCEQ # T104704516-18-9

Report Date: 08/29/19

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW11A	9H09006-01	Water	08/08/19 12:52	08-09-2019 09:19
MW12	9H09006-02	Water	08/08/19 13:21	08-09-2019 09:19
MW4A	9H09006-03	Water	08/08/19 13:50	08-09-2019 09:19
MW5A	9H09006-04	Water	08/08/19 14:10	08-09-2019 09:19
MW2	9H09006-05	Water	08/08/19 14:37	08-09-2019 09:19
MW10	9H09006-06	Water	08/08/19 15:02	08-09-2019 09:19
MW3	9H09006-07	Water	08/08/19 15:44	08-09-2019 09:19
MW1	9H09006-08	Water	08/08/19 16:13	08-09-2019 09:19
MW7A	9H09006-09	Water	08/08/19 16:41	08-09-2019 09:19
MW6A	9H09006-10	Water	08/08/19 16:58	08-09-2019 09:19

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Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW11A
9H09006-01 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		113 %	80-120		P9H1907	08/19/19	08/19/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		89.4 %	80-120		P9H1907	08/19/19	08/19/19	EPA 8021B

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Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW12
9H09006-02 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		115 %	80-120		P9H1907	08/19/19	08/19/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		84.1 %	80-120		P9H1907	08/19/19	08/19/19	EPA 8021B

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Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

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MW4A
9H09006-03 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		106 %	80-120		P9H1907	08/19/19	08/19/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		84.3 %	80-120		P9H1907	08/19/19	08/19/19	EPA 8021B

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Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

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MW5A
9H09006-04 (Water)

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

Organics by GC

Benzene	0.0382	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Toluene	0.00137	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Ethylbenzene	0.0374	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Xylene (p/m)	0.0624	0.00200	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Xylene (o)	0.00858	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>108 %</i>	<i>80-120</i>		<i>P9H1907</i>	<i>08/19/19</i>	<i>08/19/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>91.1 %</i>	<i>80-120</i>		<i>P9H1907</i>	<i>08/19/19</i>	<i>08/19/19</i>	<i>EPA 8021B</i>

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Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

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MW2

9H09006-05 (Water)

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

Organics by GC

Benzene	0.0259	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Ethylbenzene	0.00926	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Xylene (p/m)	0.00417	0.00200	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>118 %</i>	<i>80-120</i>		<i>P9H1907</i>	<i>08/19/19</i>	<i>08/19/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>112 %</i>	<i>80-120</i>		<i>P9H1907</i>	<i>08/19/19</i>	<i>08/19/19</i>	<i>EPA 8021B</i>

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Midland TX, 79705

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

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MW10
9H09006-06 (Water)

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

Organics by GC

Benzene	0.0498	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Ethylbenzene	0.00112	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Xylene (p/m)	0.00201	0.00200	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>94.7 %</i>	<i>80-120</i>		<i>P9H1907</i>	<i>08/19/19</i>	<i>08/19/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>90.8 %</i>	<i>80-120</i>		<i>P9H1907</i>	<i>08/19/19</i>	<i>08/19/19</i>	<i>EPA 8021B</i>

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Project Number: 2002-10286
Project Manager: Curt Stanley

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MW3

9H09006-07 (Water)

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

Organics by GC

Benzene	0.573	0.00500	mg/L	5	P9H1907	08/19/19	08/19/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Ethylbenzene	0.0219	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Xylene (p/m)	0.0718	0.00200	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>95.9 %</i>	<i>80-120</i>		<i>P9H1907</i>	<i>08/19/19</i>	<i>08/19/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>117 %</i>	<i>80-120</i>		<i>P9H1907</i>	<i>08/19/19</i>	<i>08/19/19</i>	<i>EPA 8021B</i>

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MW1
9H09006-08 (Water)

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

Organics by GC

Benzene	0.285	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Ethylbenzene	0.159	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Xylene (p/m)	0.0563	0.00200	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		95.2 %	80-120		P9H1907	08/19/19	08/19/19	EPA 8021B
<i>Surrogate: 1,4-Difluorobenzene</i>		107 %	80-120		P9H1907	08/19/19	08/19/19	EPA 8021B

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Midland TX, 79705

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW7A
9H09006-09 (Water)

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

Organics by GC

Benzene	0.472	0.0100	mg/L	10	P9H1907	08/19/19	08/19/19	EPA 8021B
Toluene	ND	0.0100	mg/L	10	P9H1907	08/19/19	08/19/19	EPA 8021B
Ethylbenzene	ND	0.0100	mg/L	10	P9H1907	08/19/19	08/19/19	EPA 8021B
Xylene (p/m)	ND	0.0200	mg/L	10	P9H1907	08/19/19	08/19/19	EPA 8021B
Xylene (o)	ND	0.0100	mg/L	10	P9H1907	08/19/19	08/19/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>105 %</i>	<i>80-120</i>		<i>P9H1907</i>	<i>08/19/19</i>	<i>08/19/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>92.9 %</i>	<i>80-120</i>		<i>P9H1907</i>	<i>08/19/19</i>	<i>08/19/19</i>	<i>EPA 8021B</i>

TRC Solutions- Midland, Texas
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Midland TX, 79705

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW6A
9H09006-10 (Water)

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

Organics by GC

Benzene	0.528	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Toluene	0.00105	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Ethylbenzene	0.362	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Xylene (p/m)	0.148	0.00200	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9H1907	08/19/19	08/19/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>87.1 %</i>	<i>80-120</i>		<i>P9H1907</i>	<i>08/19/19</i>	<i>08/19/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>103 %</i>	<i>80-120</i>		<i>P9H1907</i>	<i>08/19/19</i>	<i>08/19/19</i>	<i>EPA 8021B</i>

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Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9H1907 - General Preparation (GC)

Blank (P9H1907-BLK1)

Prepared & Analyzed: 08/19/19

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	0.142		"	0.120		119	80-120			
Surrogate: 1,4-Difluorobenzene	0.105		"	0.120		87.5	80-120			

LCS (P9H1907-BS1)

Prepared & Analyzed: 08/19/19

Benzene	0.0888	0.00100	mg/L	0.100		88.8	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		103	80-120			

LCS Dup (P9H1907-BSD1)

Prepared & Analyzed: 08/19/19

Benzene	0.0939	0.00100	mg/L	0.100		93.9	80-120	5.61	20	
Toluene	0.101	0.00100	"	0.100		101	80-120	0.584	20	
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120	0.975	20	
Xylene (p/m)	0.201	0.00200	"	0.200		101	80-120	2.30	20	
Xylene (o)	0.106	0.00100	"	0.100		106	80-120	0.836	20	
Surrogate: 4-Bromofluorobenzene	0.105		"	0.120		87.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.6	80-120			

Calibration Blank (P9H1907-CCB1)

Prepared & Analyzed: 08/19/19

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		90.5	80-120			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9H1907 - General Preparation (GC)

Calibration Blank (P9H1907-CCB2)

Prepared & Analyzed: 08/19/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.141		"	0.120		117	80-120			
Surrogate: 1,4-Difluorobenzene	0.103		"	0.120		86.0	80-120			

Calibration Blank (P9H1907-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	0.134		"	0.120		112	80-120			
Surrogate: 1,4-Difluorobenzene	0.0992		"	0.120		82.6	80-120			

Calibration Check (P9H1907-CCV1)

Prepared & Analyzed: 08/19/19

Benzene	0.0928	0.00100	mg/L	0.100		92.8	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.213	0.00200	"	0.200		107	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

Calibration Check (P9H1907-CCV2)

Prepared & Analyzed: 08/19/19

Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200		108	80-120			
Xylene (o)	0.117	0.00100	"	0.100		117	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	80-120			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9H1907 - General Preparation (GC)

Calibration Check (P9H1907-CCV3)

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			

Matrix Spike (P9H1907-MS1)

Source: 9H09006-01

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

Benzene	0.108	0.00100	mg/L	0.100	ND	108	80-120			
Toluene	0.112	0.00100	"	0.100	ND	112	80-120			
Ethylbenzene	0.112	0.00100	"	0.100	ND	112	80-120			
Xylene (p/m)	0.222	0.00200	"	0.200	ND	111	80-120			
Xylene (o)	0.122	0.00100	"	0.100	ND	122	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Matrix Spike Dup (P9H1907-MSD1)

Source: 9H09006-01

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

Benzene	0.0950	0.00100	mg/L	0.100	ND	95.0	80-120	13.1	20	
Toluene	0.0978	0.00100	"	0.100	ND	97.8	80-120	13.3	20	
Ethylbenzene	0.116	0.00100	"	0.100	ND	116	80-120	4.08	20	
Xylene (p/m)	0.198	0.00200	"	0.200	ND	99.0	80-120	11.3	20	
Xylene (o)	0.112	0.00100	"	0.100	ND	112	80-120	9.23	20	
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

Notes and Definitions

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

8/29/2019

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: 34 Junction to Lea
Project Number: 2002-10286
Location: Lea County NM
Lab Order Number: 9K26027



NELAP/TCEQ # T104704516-17-8

Report Date: 12/12/19

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-8	9K26027-01	Water	11/26/19 09:00	11-26-2019 15:45
MW-9	9K26027-02	Water	11/26/19 09:20	11-26-2019 15:45
MW-12	9K26027-03	Water	11/26/19 09:32	11-26-2019 15:45
MW-11A	9K26027-04	Water	11/26/19 09:55	11-26-2019 15:45
MW-4A	9K26027-05	Water	11/26/19 10:20	11-26-2019 15:45
MW-2	9K26027-06	Water	11/26/19 10:45	11-26-2019 15:45
MW-5A	9K26027-07	Water	11/26/19 11:10	11-26-2019 15:45
MW-10	9K26027-08	Water	11/26/19 11:45	11-26-2019 15:45
MW-1	9K26027-09	Water	11/26/19 12:10	11-26-2019 15:45
MW-7A	9K26027-10	Water	11/26/19 12:45	11-26-2019 15:45
MW-6A	9K26027-11	Water	11/26/19 13:10	11-26-2019 15:45
MW-3	9K26027-12	Water	11/26/19 13:45	11-26-2019 15:45

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

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MW-8
9K26027-01 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	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		94.9 %	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

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Project Manager: Curt Stanley

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MW-9
9K26027-02 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	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		93.0 %		80-120	P9L0514	12/06/19	12/06/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.8 %		80-120	P9L0514	12/06/19	12/06/19	EPA 8021B	

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MW-12
9K26027-03 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	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		94.6 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		96.7 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B

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MW-11A
9K26027-04 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	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		91.8 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		97.1 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B

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MW-4A
9K26027-05 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	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		92.5 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		94.4 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B

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MW-2
9K26027-06 (Water)

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

Organics by GC

Benzene	0.0479	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	0.0197	0.00100	mg/L	1	P9L0514	12/06/19	12/06/19	EPA 8021B
Xylene (p/m)	0.00632	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>		83.4 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B
<i>Surrogate: 1,4-Difluorobenzene</i>		98.4 %	80-120		P9L0514	12/06/19	12/06/19	EPA 8021B

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MW-5A
9K26027-07 (Water)

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

Organics by GC

Benzene	0.0184	0.00100	mg/L	1	P9L0610	12/06/19	12/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9L0610	12/06/19	12/06/19	EPA 8021B
Ethylbenzene	0.00204	0.00100	mg/L	1	P9L0610	12/06/19	12/06/19	EPA 8021B
Xylene (p/m)	0.00237	0.00200	mg/L	1	P9L0610	12/06/19	12/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9L0610	12/06/19	12/06/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>86.8 %</i>	<i>80-120</i>		<i>P9L0610</i>	<i>12/06/19</i>	<i>12/06/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>98.1 %</i>	<i>80-120</i>		<i>P9L0610</i>	<i>12/06/19</i>	<i>12/06/19</i>	<i>EPA 8021B</i>

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MW-10
9K26027-08 (Water)

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

Organics by GC

Benzene	0.0278	0.00100	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B
Ethylbenzene	0.00455	0.00100	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B
Xylene (p/m)	0.00329	0.00200	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		86.7 %	80-120		P9L0610	12/06/19	12/07/19	EPA 8021B
<i>Surrogate: 1,4-Difluorobenzene</i>		99.2 %	80-120		P9L0610	12/06/19	12/07/19	EPA 8021B

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Fax: (432) 520-7701

MW-1
9K26027-09 (Water)

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

Organics by GC

Benzene	0.207	0.00100	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B	
Toluene	0.00129	0.00100	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B	
Ethylbenzene	0.114	0.00100	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B	
Xylene (p/m)	0.0649	0.00200	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		81.3 %	80-120		P9L0610	12/06/19	12/07/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.8 %	80-120		P9L0610	12/06/19	12/07/19	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.075	0.00099	mg/L	1	P9L0901	11/27/19	12/05/19	8270C	SUB-13
2-Methylnaphthalene	0.015	0.00099	mg/L	1	P9L0901	11/27/19	12/05/19	8270C	SUB-13
Acenaphthene	0.00046	0.000099	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Acenaphthylene	0.00053	0.000099	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Anthracene	0.00040	0.000099	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (a) anthracene	ND	0.000099	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (a) pyrene	ND	0.000099	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.000099	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.000099	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.000099	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Chrysene	0.00060	0.000099	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.000099	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Dibenzofuran	0.0051	0.000099	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Fluoranthene	0.00020	0.000099	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Fluorene	0.0056	0.000099	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.000099	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Naphthalene	0.025	0.00099	mg/L	1	P9L0901	11/27/19	12/05/19	8270C	SUB-13
Phenanthrene	0.0057	0.000099	mg/L	1	P9L0901	11/27/19	12/05/19	8270C	SUB-13
Pyrene	0.00017	0.000099	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW-7A
9K26027-10 (Water)

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

Organics by GC

Benzene	0.295	0.00100	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B	
Toluene	0.00104	0.00100	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B	
Ethylbenzene	0.00401	0.00100	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B	
Xylene (p/m)	0.00886	0.00200	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		75.4 %		80-120	P9L0610	12/06/19	12/07/19	EPA 8021B	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>		99.5 %		80-120	P9L0610	12/06/19	12/07/19	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.033	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
2-Methylnaphthalene	0.0027	0.00049	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Acenaphthene	0.00027	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Acenaphthylene	0.00023	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Anthracene	0.00019	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	0.00043	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	0.0017	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Fluoranthene	0.00014	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Fluorene	0.0022	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	0.0076	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Phenanthrene	0.0026	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Pyrene	0.00012	0.000098	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13

TRC Solutions- Midland, Texas
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Midland TX, 79705

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW-6A
9K26027-11 (Water)

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

Organics by GC

Toluene	0.00126	0.00100	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B	
Ethylbenzene	0.292	0.00100	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B	
Xylene (p/m)	0.161	0.00200	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		75.8 %		80-120	P9L0610	12/06/19	12/07/19	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		107 %		80-120	P9L0610	12/06/19	12/07/19	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.027	0.00050	mg/L	1	P9L0901	11/27/19	12/05/19	8270C	SUB-13
2-Methylnaphthalene	0.018	0.00050	mg/L	1	P9L0901	11/27/19	12/05/19	8270C	SUB-13
Acenaphthene	0.00014	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Anthracene	ND	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	0.00016	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	0.0013	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Fluorene	0.0013	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	0.028	0.00050	mg/L	1	P9L0901	11/27/19	12/05/19	8270C	SUB-13
Phenanthrene	0.00091	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P9L0901	11/27/19	12/04/19	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW-6A
9K26027-11RE1 (Water)

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

Organics by GC

Benzene	1.27	0.0100	mg/L	10	P9L1006	12/06/19	12/10/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		96.2 %	80-120		P9L1006	12/06/19	12/10/19	EPA 8021B
<i>Surrogate: 1,4-Difluorobenzene</i>		115 %	80-120		P9L1006	12/06/19	12/10/19	EPA 8021B

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Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW-3
9K26027-12 (Water)

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

Organics by GC

Benzene	0.130	0.00100	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B	
Toluene	0.00154	0.00100	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B	
Ethylbenzene	0.0186	0.00100	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B	
Xylene (p/m)	0.0438	0.00200	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9L0610	12/06/19	12/07/19	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		73.1 %	80-120		P9L0610	12/06/19	12/07/19	EPA 8021B	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>		87.7 %	80-120		P9L0610	12/06/19	12/07/19	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.020	0.00049	mg/L	1	P9L0901	12/02/19	12/05/19	8270C	SUB-13
2-Methylnaphthalene	0.0028	0.000099	mg/L	1	P9L0901	12/02/19	12/04/19	8270C	SUB-13
Acenaphthene	0.00013	0.000099	mg/L	1	P9L0901	12/02/19	12/04/19	8270C	SUB-13
Acenaphthylene	0.00013	0.000099	mg/L	1	P9L0901	12/02/19	12/04/19	8270C	SUB-13
Anthracene	0.00011	0.000099	mg/L	1	P9L0901	12/02/19	12/04/19	8270C	SUB-13
Benzo (a) anthracene	ND	0.000099	mg/L	1	P9L0901	12/02/19	12/04/19	8270C	SUB-13
Benzo (a) pyrene	ND	0.000099	mg/L	1	P9L0901	12/02/19	12/04/19	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.000099	mg/L	1	P9L0901	12/02/19	12/04/19	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.000099	mg/L	1	P9L0901	12/02/19	12/04/19	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.000099	mg/L	1	P9L0901	12/02/19	12/04/19	8270C	SUB-13
Chrysene	0.00023	0.000099	mg/L	1	P9L0901	12/02/19	12/04/19	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.000099	mg/L	1	P9L0901	12/02/19	12/04/19	8270C	SUB-13
Dibenzofuran	0.0012	0.000099	mg/L	1	P9L0901	12/02/19	12/04/19	8270C	SUB-13
Fluoranthene	0.00012	0.000099	mg/L	1	P9L0901	12/02/19	12/04/19	8270C	SUB-13
Fluorene	0.0014	0.000099	mg/L	1	P9L0901	12/02/19	12/04/19	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.000099	mg/L	1	P9L0901	12/02/19	12/04/19	8270C	SUB-13
Naphthalene	0.0051	0.000099	mg/L	1	P9L0901	12/02/19	12/04/19	8270C	SUB-13
Phenanthrene	0.0014	0.000099	mg/L	1	P9L0901	12/02/19	12/04/19	8270C	SUB-13
Pyrene	0.00017	0.000099	mg/L	1	P9L0901	12/02/19	12/04/19	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 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: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

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

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Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 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 P9L0610 - General Preparation (GC)

Blank (P9L0610-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	0.110		"	0.120		91.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		97.0	80-120			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9L0610 - General Preparation (GC)

LCS (P9L0610-BS1)

Prepared & Analyzed: 12/06/19

Benzene	0.0926	0.00100	mg/L	0.100		92.6	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.231	0.00200	"	0.200		115	80-120			
Xylene (o)	0.116	0.00100	"	0.100		116	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		98.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			

LCS Dup (P9L0610-BSD1)

Prepared & Analyzed: 12/06/19

Benzene	0.0879	0.00100	mg/L	0.100		87.9	80-120	5.27	20	
Toluene	0.0958	0.00100	"	0.100		95.8	80-120	5.50	20	
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120	14.3	20	
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120	4.82	20	
Xylene (o)	0.113	0.00100	"	0.100		113	80-120	3.19	20	
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	80-120			

Calibration Blank (P9L0610-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	0.114		"	0.120		94.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.7	80-120			

Calibration Blank (P9L0610-CCB2)

Prepared: 12/06/19 Analyzed: 12/07/19

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		92.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.7	80-120			

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Project: 34 Junction to Lea
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Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9L0610 - General Preparation (GC)

Calibration Blank (P9L0610-CCB3)

Prepared: 12/06/19 Analyzed: 12/07/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.5	80-120			

Calibration Check (P9L0610-CCV1)

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			

Calibration Check (P9L0610-CCV2)

Prepared: 12/06/19 Analyzed: 12/07/19

Benzene	0.0874	0.00100	mg/L	0.100		87.4	80-120			
Toluene	0.0940	0.00100	"	0.100		94.0	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		102	80-120			

Calibration Check (P9L0610-CCV3)

Prepared: 12/06/19 Analyzed: 12/07/19

Benzene	0.0878	0.00100	mg/L	0.100		87.8	80-120			
Toluene	0.0957	0.00100	"	0.100		95.7	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200		108	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		104	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9L0610 - General Preparation (GC)

Matrix Spike (P9L0610-MS1)		Source: 9K26027-07		Prepared: 12/06/19		Analyzed: 12/07/19				
Benzene	0.122	0.00100	mg/L	0.100	0.0184	104	80-120			
Toluene	0.116	0.00100	"	0.100	ND	116	80-120			
Ethylbenzene	0.136	0.00100	"	0.100	0.00204	134	80-120			QM-07
Xylene (p/m)	0.252	0.00200	"	0.200	0.00237	125	80-120			QM-07
Xylene (o)	0.123	0.00100	"	0.100	ND	123	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		90.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		102	80-120			

Matrix Spike Dup (P9L0610-MSD1)		Source: 9K26027-07		Prepared: 12/06/19		Analyzed: 12/07/19				
Benzene	0.138	0.00100	mg/L	0.100	0.0184	120	80-120	14.3	20	
Toluene	0.134	0.00100	"	0.100	ND	134	80-120	14.0	20	QM-07
Ethylbenzene	0.158	0.00100	"	0.100	0.00204	156	80-120	15.0	20	QM-07
Xylene (p/m)	0.294	0.00200	"	0.200	0.00237	146	80-120	15.7	20	QM-07
Xylene (o)	0.147	0.00100	"	0.100	ND	147	80-120	17.5	20	QM-07
Surrogate: 4-Bromofluorobenzene	0.105		"	0.120		87.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	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			

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

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

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

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

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

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

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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, Texas 79701

Phone: 432-686-7235

Project Manager:

Curt Stanley

Project Name:

34 J Lea

Company Name

PRC

Project #:

2002-10286

Company Address:

10 Delta Dr Suite 150 E

Project Loc:

Lea County, NM

City/State/Zip:

Midland TX 79705

PO #:

Telephone No:

432-520-7720

Fax No:

Report Format

☐ Standard

☐ TRRP

☐ NPDES

Sampler Signature:

Jeremy Reichen

e-mail:

(Lab use only)

ORDER # OK26027

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH: TX 1005 TX 1006

Anions (Cl, SO₄, Alkalinity)

BTEX 6021B/5030 or BTEX 8260

PAH 82

Analyze For:

TCUP:

TOTAL:

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

Standard TAT

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers Intact?

VOOCs Free of Headspace?

Labels on container(s)?

Custom seals on container(s)?

Custom seals on cooler(s)?

Sample Hand Delivered?

by Courier? UPS DHL FedEx

Temperature Upon Receipt?

% Factor

2.0 FID 20 CFCU

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

Phone: 432-686-7235

Project Manager:

Curt Stanley

Project Name:

34 S Lea

Company Name

PRC

Project #:

2002-10284

Company Address:

10 Dester Dr Suite 150 E

Project Loc:

Lea County, NM

City/State/Zip:

Midland TX 79705

PO #:

Telephone No:

432-520-7720

Fax No:

Report Format:

☐ Standard

☐ TRRP

☐ NPDES

Sampler Signature:

Jeremy Patch

e-mail:

(lab use only)

ORDER #:

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH: TX 1005 TX 1006

Anions (Cl, SO₄, Alkalinity)

BTEX 8021B/5030 or BTEX 8260

PAH

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

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

Standard TAT

Preservation & # of Containers

Matrix

Analyze For:

TC/TP:

TOTAL:

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:
Sample Containers: Impact?
VOCs: Free of Headspace?
Labels on containers?
Custom seals on containers?
Custom seals on cooler(s)?
Sample Hand Delivered?
by Courier?
by Sampler/Client Rep?
Temperature Upon Receipt:
Adjusted: °C Factor

Received: 11/24/15
Time: 1545
Date: 11/24/15
Time: 1545

Adjusted: 11.0

Factor: 3.0

CF: 4



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: **HS19111403**

Laboratory Results for: **9K26027**

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,

A handwritten signature in black ink, appearing to read 'Andy C. Neir'.

Generated By: JUMOKE.LAWAL

Andy C. Neir

Client: Permian Basin Environmental Lab, LP
Project: 9K26027
Work Order: HS19111403

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS19111403-01	9K26027-09	Water		25-Nov-2019 12:10	27-Nov-2019 10:00	☐
HS19111403-02	9K26027-10	Water		25-Nov-2019 12:45	27-Nov-2019 10:00	☐
HS19111403-03	9K26027-11	Water		25-Nov-2019 13:10	27-Nov-2019 10:00	☐
HS19111403-04	9K26027-12	Water		25-Nov-2019 13:45	27-Nov-2019 10:00	☐

Client: Permian Basin Environmental Lab, LP
Project: 9K26027
Work Order: HS19111403

CASE NARRATIVE

GCMS Semivolatiles by Method SW8270

Batch ID: 148111,148131

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

Client: Permian Basin Environmental Lab, LP
 Project: 9K26027
 Sample ID: 9K26027-09
 Collection Date: 25-Nov-2019 12:10

ANALYTICAL REPORT

WorkOrder:HS19111403
 Lab ID:HS19111403-01
 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	74.9	n	0.993	ug/L	10	05-Dec-2019 10:45
2-Methylnaphthalene	15.1		0.993	ug/L	10	05-Dec-2019 10:45
Acenaphthene	0.463		0.0993	ug/L	1	04-Dec-2019 19:30
Acenaphthylene	0.528		0.0993	ug/L	1	04-Dec-2019 19:30
Anthracene	0.399		0.0993	ug/L	1	04-Dec-2019 19:30
Benz(a)anthracene	ND		0.0993	ug/L	1	04-Dec-2019 19:30
Benzo(a)pyrene	ND		0.0993	ug/L	1	04-Dec-2019 19:30
Benzo(b)fluoranthene	ND		0.0993	ug/L	1	04-Dec-2019 19:30
Benzo(g,h,i)perylene	ND		0.0993	ug/L	1	04-Dec-2019 19:30
Benzo(k)fluoranthene	ND		0.0993	ug/L	1	04-Dec-2019 19:30
Chrysene	0.603		0.0993	ug/L	1	04-Dec-2019 19:30
Dibenz(a,h)anthracene	ND		0.0993	ug/L	1	04-Dec-2019 19:30
Dibenzofuran	5.13		0.0993	ug/L	1	04-Dec-2019 19:30
Fluoranthene	0.198		0.0993	ug/L	1	04-Dec-2019 19:30
Fluorene	5.60		0.0993	ug/L	1	04-Dec-2019 19:30
Indeno(1,2,3-cd)pyrene	ND		0.0993	ug/L	1	04-Dec-2019 19:30
Naphthalene	24.9		0.993	ug/L	10	05-Dec-2019 10:45
Phenanthrene	5.74		0.0993	ug/L	1	04-Dec-2019 19:30
Pyrene	0.166		0.0993	ug/L	1	04-Dec-2019 19:30
Surr: 2-Fluorobiphenyl	93.6		32-130	%REC	1	04-Dec-2019 19:30
Surr: 2-Fluorobiphenyl	81.6		32-130	%REC	10	05-Dec-2019 10:45
Surr: 4-Terphenyl-d14	76.5		40-135	%REC	1	04-Dec-2019 19:30
Surr: 4-Terphenyl-d14	73.8		40-135	%REC	10	05-Dec-2019 10:45
Surr: Nitrobenzene-d5	94.8		45-142	%REC	10	05-Dec-2019 10:45
Surr: Nitrobenzene-d5	93.4		45-142	%REC	1	04-Dec-2019 19:30

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

Client: Permian Basin Environmental Lab, LP
 Project: 9K26027
 Sample ID: 9K26027-10
 Collection Date: 25-Nov-2019 12:45

ANALYTICAL REPORT

WorkOrder:HS19111403
 Lab ID:HS19111403-02
 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	32.6	n	0.492	ug/L	5	05-Dec-2019 11:05
2-Methylnaphthalene	2.68		0.0983	ug/L	1	04-Dec-2019 19:49
Acenaphthene	0.266		0.0983	ug/L	1	04-Dec-2019 19:49
Acenaphthylene	0.225		0.0983	ug/L	1	04-Dec-2019 19:49
Anthracene	0.189		0.0983	ug/L	1	04-Dec-2019 19:49
Benz(a)anthracene	ND		0.0983	ug/L	1	04-Dec-2019 19:49
Benzo(a)pyrene	ND		0.0983	ug/L	1	04-Dec-2019 19:49
Benzo(b)fluoranthene	ND		0.0983	ug/L	1	04-Dec-2019 19:49
Benzo(g,h,i)perylene	ND		0.0983	ug/L	1	04-Dec-2019 19:49
Benzo(k)fluoranthene	ND		0.0983	ug/L	1	04-Dec-2019 19:49
Chrysene	0.434		0.0983	ug/L	1	04-Dec-2019 19:49
Dibenz(a,h)anthracene	ND		0.0983	ug/L	1	04-Dec-2019 19:49
Dibenzofuran	1.73		0.0983	ug/L	1	04-Dec-2019 19:49
Fluoranthene	0.141		0.0983	ug/L	1	04-Dec-2019 19:49
Fluorene	2.21		0.0983	ug/L	1	04-Dec-2019 19:49
Indeno(1,2,3-cd)pyrene	ND		0.0983	ug/L	1	04-Dec-2019 19:49
Naphthalene	7.64		0.0983	ug/L	1	04-Dec-2019 19:49
Phenanthrene	2.64		0.0983	ug/L	1	04-Dec-2019 19:49
Pyrene	0.122		0.0983	ug/L	1	04-Dec-2019 19:49
<i>Surr: 2-Fluorobiphenyl</i>	68.2		32-130	%REC	1	04-Dec-2019 19:49
<i>Surr: 2-Fluorobiphenyl</i>	66.8		32-130	%REC	5	05-Dec-2019 11:05
<i>Surr: 4-Terphenyl-d14</i>	57.3		40-135	%REC	5	05-Dec-2019 11:05
<i>Surr: 4-Terphenyl-d14</i>	66.5		40-135	%REC	1	04-Dec-2019 19:49
<i>Surr: Nitrobenzene-d5</i>	94.2		45-142	%REC	1	04-Dec-2019 19:49
<i>Surr: Nitrobenzene-d5</i>	108		45-142	%REC	5	05-Dec-2019 11:05

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

Client: Permian Basin Environmental Lab, LP
 Project: 9K26027
 Sample ID: 9K26027-11
 Collection Date: 25-Nov-2019 13:10

ANALYTICAL REPORT

WorkOrder:HS19111403
 Lab ID:HS19111403-03
 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	27.4	n	0.501	ug/L	5	05-Dec-2019 11:25
2-Methylnaphthalene	18.4		0.501	ug/L	5	05-Dec-2019 11:25
Acenaphthene	0.135		0.100	ug/L	1	04-Dec-2019 20:09
Acenaphthylene	ND		0.100	ug/L	1	04-Dec-2019 20:09
Anthracene	ND		0.100	ug/L	1	04-Dec-2019 20:09
Benz(a)anthracene	ND		0.100	ug/L	1	04-Dec-2019 20:09
Benzo(a)pyrene	ND		0.100	ug/L	1	04-Dec-2019 20:09
Benzo(b)fluoranthene	ND		0.100	ug/L	1	04-Dec-2019 20:09
Benzo(g,h,i)perylene	ND		0.100	ug/L	1	04-Dec-2019 20:09
Benzo(k)fluoranthene	ND		0.100	ug/L	1	04-Dec-2019 20:09
Chrysene	0.159		0.100	ug/L	1	04-Dec-2019 20:09
Dibenz(a,h)anthracene	ND		0.100	ug/L	1	04-Dec-2019 20:09
Dibenzofuran	1.29		0.100	ug/L	1	04-Dec-2019 20:09
Fluoranthene	ND		0.100	ug/L	1	04-Dec-2019 20:09
Fluorene	1.34		0.100	ug/L	1	04-Dec-2019 20:09
Indeno(1,2,3-cd)pyrene	ND		0.100	ug/L	1	04-Dec-2019 20:09
Naphthalene	27.5		0.501	ug/L	5	05-Dec-2019 11:25
Phenanthrene	0.913		0.100	ug/L	1	04-Dec-2019 20:09
Pyrene	ND		0.100	ug/L	1	04-Dec-2019 20:09
<i>Surr: 2-Fluorobiphenyl</i>	<i>62.4</i>		<i>32-130</i>	<i>%REC</i>	5	<i>05-Dec-2019 11:25</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>54.8</i>		<i>32-130</i>	<i>%REC</i>	1	<i>04-Dec-2019 20:09</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>48.7</i>		<i>40-135</i>	<i>%REC</i>	1	<i>04-Dec-2019 20:09</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>46.8</i>		<i>40-135</i>	<i>%REC</i>	5	<i>05-Dec-2019 11:25</i>
<i>Surr: Nitrobenzene-d5</i>	<i>104</i>		<i>45-142</i>	<i>%REC</i>	5	<i>05-Dec-2019 11:25</i>
<i>Surr: Nitrobenzene-d5</i>	<i>92.9</i>		<i>45-142</i>	<i>%REC</i>	1	<i>04-Dec-2019 20:09</i>

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

Client: Permian Basin Environmental Lab, LP
 Project: 9K26027
 Sample ID: 9K26027-12
 Collection Date: 25-Nov-2019 13:45

ANALYTICAL REPORT

WorkOrder:HS19111403
 Lab ID:HS19111403-04
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 02-Dec-2019		Analyst: LG
1-Methylnaphthalene	19.8	n	0.493	ug/L	5	05-Dec-2019 11:45
2-Methylnaphthalene	2.75		0.0986	ug/L	1	04-Dec-2019 20:29
Acenaphthene	0.129		0.0986	ug/L	1	04-Dec-2019 20:29
Acenaphthylene	0.130		0.0986	ug/L	1	04-Dec-2019 20:29
Anthracene	0.107		0.0986	ug/L	1	04-Dec-2019 20:29
Benz(a)anthracene	ND		0.0986	ug/L	1	04-Dec-2019 20:29
Benzo(a)pyrene	ND		0.0986	ug/L	1	04-Dec-2019 20:29
Benzo(b)fluoranthene	ND		0.0986	ug/L	1	04-Dec-2019 20:29
Benzo(g,h,i)perylene	ND		0.0986	ug/L	1	04-Dec-2019 20:29
Benzo(k)fluoranthene	ND		0.0986	ug/L	1	04-Dec-2019 20:29
Chrysene	0.226		0.0986	ug/L	1	04-Dec-2019 20:29
Dibenz(a,h)anthracene	ND		0.0986	ug/L	1	04-Dec-2019 20:29
Dibenzofuran	1.21		0.0986	ug/L	1	04-Dec-2019 20:29
Fluoranthene	0.121		0.0986	ug/L	1	04-Dec-2019 20:29
Fluorene	1.37		0.0986	ug/L	1	04-Dec-2019 20:29
Indeno(1,2,3-cd)pyrene	ND		0.0986	ug/L	1	04-Dec-2019 20:29
Naphthalene	5.11		0.0986	ug/L	1	04-Dec-2019 20:29
Phenanthrene	1.35		0.0986	ug/L	1	04-Dec-2019 20:29
Pyrene	0.167		0.0986	ug/L	1	04-Dec-2019 20:29
<i>Surr: 2-Fluorobiphenyl</i>	<i>56.0</i>		<i>32-130</i>	<i>%REC</i>	<i>1</i>	<i>04-Dec-2019 20:29</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>49.0</i>		<i>32-130</i>	<i>%REC</i>	<i>5</i>	<i>05-Dec-2019 11:45</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>50.6</i>		<i>40-135</i>	<i>%REC</i>	<i>1</i>	<i>04-Dec-2019 20:29</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>60.5</i>		<i>40-135</i>	<i>%REC</i>	<i>5</i>	<i>05-Dec-2019 11:45</i>
<i>Surr: Nitrobenzene-d5</i>	<i>79.6</i>		<i>45-142</i>	<i>%REC</i>	<i>1</i>	<i>04-Dec-2019 20:29</i>
<i>Surr: Nitrobenzene-d5</i>	<i>77.0</i>		<i>45-142</i>	<i>%REC</i>	<i>5</i>	<i>05-Dec-2019 11:45</i>

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

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 9K26027
WorkOrder: HS19111403

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
HS19111403-01		33.24 (mL)	2 (mL)	0.06017
HS19111403-02		33.57 (mL)	2 (mL)	0.05958
HS19111403-03		32.96 (mL)	2 (mL)	0.06068

Batch ID: 148131	Start Date: 02 Dec 2019 09:08	End Date:
Method: SW3511		Prep Code: 3511_PAH

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS19111403-04		33.48 (mL)	2 (mL)	0.05974

Client: Permian Basin Environmental Lab, LP
Project: 9K26027
WorkOrder: HS19111403

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	
HS19111403-01	9K26027-09	25 Nov 2019 12:10		27 Nov 2019 14:56	05 Dec 2019 10:45	10
HS19111403-01	9K26027-09	25 Nov 2019 12:10		27 Nov 2019 14:56	04 Dec 2019 19:30	1
HS19111403-02	9K26027-10	25 Nov 2019 12:45		27 Nov 2019 14:56	05 Dec 2019 11:05	5
HS19111403-02	9K26027-10	25 Nov 2019 12:45		27 Nov 2019 14:56	04 Dec 2019 19:49	1
HS19111403-03	9K26027-11	25 Nov 2019 13:10		27 Nov 2019 14:56	05 Dec 2019 11:25	5
HS19111403-03	9K26027-11	25 Nov 2019 13:10		27 Nov 2019 14:56	04 Dec 2019 20:09	1
Batch ID: 148131 (0)		Test Name : LOW-LEVEL PAHS - 8270D			Matrix: Water	
HS19111403-04	9K26027-12	25 Nov 2019 13:45		02 Dec 2019 09:08	05 Dec 2019 11:45	5
HS19111403-04	9K26027-12	25 Nov 2019 13:45		02 Dec 2019 09:08	04 Dec 2019 20:29	1

Client: Permian Basin Environmental Lab, LP
Project: 9K26027
WorkOrder: HS19111403

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: 9K26027
WorkOrder: HS19111403

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: 9K26027
WorkOrder: HS19111403

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: HS19111403-01 HS19111403-02 HS19111403-03

Client: Permian Basin Environmental Lab, LP
Project: 9K26027
WorkOrder: HS19111403

QC BATCH REPORT

Batch ID: 148131 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
MBLK	Sample ID: MBLK-148131	Units: ug/L		Analysis Date: 04-Dec-2019 11:06						
Client ID:	Run ID: SV-6_351789	SeqNo: 5373752		PrepDate: 02-Dec-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	3.301	0.100	3.03	0	109	32 - 130				
Surr: 4-Terphenyl-d14	2.279	0.100	3.03	0	75.2	40 - 135				
Surr: Nitrobenzene-d5	3.624	0.100	3.03	0	120	45 - 142				

Client: Permian Basin Environmental Lab, LP
Project: 9K26027
WorkOrder: HS19111403

QC BATCH REPORT

Batch ID: 148131 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D					
LCS		Sample ID: LCS-148131		Units: ug/L		Analysis Date: 04-Dec-2019 11:25			
Client ID:		Run ID: SV-6_351789		SeqNo: 5373753		PrepDate: 02-Dec-2019		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	3.289	0.100	3.03	0	109	40 - 140			
2-Methylnaphthalene	3.236	0.100	3.03	0	107	40 - 140			
Acenaphthene	3.298	0.100	3.03	0	109	40 - 140			
Acenaphthylene	3.58	0.100	3.03	0	118	40 - 140			
Anthracene	2.907	0.100	3.03	0	96.0	40 - 140			
Benz(a)anthracene	2.811	0.100	3.03	0	92.8	40 - 140			
Benzo(a)pyrene	2.663	0.100	3.03	0	87.9	40 - 140			
Benzo(b)fluoranthene	2.545	0.100	3.03	0	84.0	40 - 140			
Benzo(g,h,i)perylene	2.505	0.100	3.03	0	82.7	40 - 140			
Benzo(k)fluoranthene	3.116	0.100	3.03	0	103	40 - 140			
Chrysene	2.805	0.100	3.03	0	92.6	40 - 140			
Dibenz(a,h)anthracene	2.448	0.100	3.03	0	80.8	40 - 140			
Dibenzofuran	3.202	0.100	3.03	0	106	40 - 140			
Fluoranthene	2.72	0.100	3.03	0	89.8	40 - 140			
Fluorene	3.403	0.100	3.03	0	112	40 - 140			
Indeno(1,2,3-cd)pyrene	2.477	0.100	3.03	0	81.7	40 - 140			
Naphthalene	3.154	0.100	3.03	0	104	40 - 140			
Phenanthrene	3.048	0.100	3.03	0	101	40 - 140			
Pyrene	3.341	0.100	3.03	0	110	40 - 140			
Surr: 2-Fluorobiphenyl	3.079	0.100	3.03	0	102	32 - 130			
Surr: 4-Terphenyl-d14	2.499	0.100	3.03	0	82.5	40 - 135			
Surr: Nitrobenzene-d5	3.282	0.100	3.03	0	108	45 - 142			

Client: Permian Basin Environmental Lab, LP
Project: 9K26027
WorkOrder: HS19111403

QC BATCH REPORT

Batch ID: 148131 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCSD		Sample ID: LCSD-148131		Units: ug/L		Analysis Date: 04-Dec-2019 11:45				
Client ID:		Run ID: SV-6_351789		SeqNo: 5373754		PrepDate: 02-Dec-2019		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.449	0.100	3.03	0	114	40 - 140	3.289	4.76	25	
2-Methylnaphthalene	3.422	0.100	3.03	0	113	40 - 140	3.236	5.59	25	
Acenaphthene	3.294	0.100	3.03	0	109	40 - 140	3.298	0.127	25	
Acenaphthylene	3.582	0.100	3.03	0	118	40 - 140	3.58	0.0592	25	
Anthracene	2.934	0.100	3.03	0	96.8	40 - 140	2.907	0.921	25	
Benz(a)anthracene	2.938	0.100	3.03	0	97.0	40 - 140	2.811	4.41	25	
Benzo(a)pyrene	2.557	0.100	3.03	0	84.4	40 - 140	2.663	4.05	25	
Benzo(b)fluoranthene	2.644	0.100	3.03	0	87.3	40 - 140	2.545	3.83	25	
Benzo(g,h,i)perylene	2.644	0.100	3.03	0	87.3	40 - 140	2.505	5.41	25	
Benzo(k)fluoranthene	3.281	0.100	3.03	0	108	40 - 140	3.116	5.17	25	
Chrysene	3.31	0.100	3.03	0	109	40 - 140	2.805	16.5	25	
Dibenz(a,h)anthracene	2.591	0.100	3.03	0	85.5	40 - 140	2.448	5.69	25	
Dibenzofuran	3.263	0.100	3.03	0	108	40 - 140	3.202	1.9	25	
Fluoranthene	2.747	0.100	3.03	0	90.7	40 - 140	2.72	0.989	25	
Fluorene	3.457	0.100	3.03	0	114	40 - 140	3.403	1.58	25	
Indeno(1,2,3-cd)pyrene	2.61	0.100	3.03	0	86.1	40 - 140	2.477	5.23	25	
Naphthalene	3.127	0.100	3.03	0	103	40 - 140	3.154	0.878	25	
Phenanthrene	3.094	0.100	3.03	0	102	40 - 140	3.048	1.5	25	
Pyrene	3.508	0.100	3.03	0	116	40 - 140	3.341	4.88	25	
Surr: 2-Fluorobiphenyl	2.982	0.100	3.03	0	98.4	32 - 130	3.079	3.18	25	
Surr: 4-Terphenyl-d14	2.637	0.100	3.03	0	87.0	40 - 135	2.499	5.36	25	
Surr: Nitrobenzene-d5	3.325	0.100	3.03	0	110	45 - 142	3.282	1.3	25	

The following samples were analyzed in this batch: HS19111403-04

Client: Permian Basin Environmental Lab, LP
Project: 9K26027
WorkOrder: HS19111403

**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: 9K26027
Work Order: HS19111403

SAMPLE TRACKING

Lab Samp ID	Client Sample ID	Action	Date	Person	New Location
HS19111403-01	9K26027-09	Login	11/27/2019 12:21:32 PM	AC	LVI002
HS19111403-02	9K26027-10	Login	11/27/2019 12:21:32 PM	AC	LVI002
HS19111403-03	9K26027-11	Login	11/27/2019 12:21:32 PM	AC	LVI002
HS19111403-04	9K26027-12	Login	11/27/2019 12:21:32 PM	AC	LVI002

Sample Receipt Checklist

Client Name: Permian Basin Lab
Work Order: HS19111403

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?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	COC IDs:N/A
Samplers name present on COC?	Yes ☐	No ☒	
Chain of custody agrees with sample labels?	Yes ☐	No ☒	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☐	No ☒	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Temperature(s)/Thermometer(s):	1.5c U/C IR 25		
Cooler(s)/Kit(s):	Red		
Date/Time sample(s) sent to storage:	11/27/2019 12:00		
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☒
pH adjusted?	Yes ☐	No ☐	N/A ☒
pH adjusted by:			

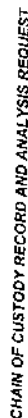
Login Notes: Sx 9K26027-09 Vial 3 of 3 rec'd broken. Sx date/time differs: 9K26027-09 COC= 11/25 12:10, Label= 11/26 09:00. 9K26027-10 COC= 11/25 12:45, Label= 11/26 09:00. 9K26027-11 COC= 11/25/ 13:10, Label= 11/26 09:00. 9K26027-12 COC= 11/25/19 13:45, Label= 11/26

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:



REQUEST
Permian Basin Enviro
1400 Rankin HWY
Midland, Texas 7970

HS19111403

Permian Basin Environmental Lab, LP
9K26027Project Manager: Brent Barron

Company Name PBEL

Company Address: 1400 Rankin HWY

City/State/Zip: Midland Texas 79701

Telephone No: 432-661-4184

Sampler Signature: N/A

Fax No:

c-mail:

brenbarnes@pbnet.com

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

[illegible]

RECEIVED

ORIGIN 10:MAFA (2B1) 863-0561

ALS
10450 STANCLIFF RD
STE 216
HOUSTON, TX 77099
UNITED STATES US

SHIP DATE: 26NOV19
ACTWT: 28.50 LB
CAD: 6994492/SSFE2021
DIMS: 16x6x14 IN
BILL THIRD PARTY

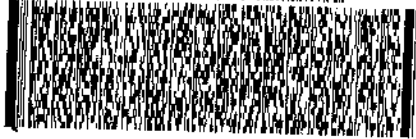
TO

ALS
10450 STANCLIFF RD
STE 216
HOUSTON TX 77099

(2B1) 863-0561

REF:

DEP1:



FedEx
Express



TAK# 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
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised March 17, 1999

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 of Company EOTT Energy LLC	Contact Frank Hernandez
Address PO Box 1660 5805 East Highway 80 Midland, Texas 79702	Telephone No. 915.638.3799
Facility Name Juction JCT 34 Line to Lea #2002-10286	Facility Type 10" Steel Pipeline

Surface Owner Deck Estate	Mineral Owner	Lease No.
------------------------------	---------------	-----------

LOCATION OF RELEASE

Unit Letter 21	Section 21	Township T20S	Range R37E	Feet from the	North/South Line	Feet from the	East/West Line	County: Lea Lat. 32 32' 20.828"N Lon. 103 15' 38.480"W
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NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 300 bbls barrels	Volume Recovered 190 bbls barrels
Source of Release 8" Steel Pipeline	Date and Hour of Occurrence 11-06-02 @ 11:00 AM	Date and Hour of Discovery 11-6-02 @ 4:00 PM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Paul Sheeley	
By Whom? Pat McCasland, EPI	Date and Hour 11-07-02 @ 6:30 AM	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. NA	

If a Watercourse was Impacted, Describe Fully.*
NA

Describe Cause of Problem and Remedial Action Taken.*
Pipe repair clamp installed.

Describe Area Affected and Cleanup Action Taken.*
Site will be delineated and a remediation plan developed. Remedial Goals: TPH 8015m = 100 mg/Kg, Benzene = 10 mg/Kg, and BTEX, i.e., the mass sum of Benzene, Ethyl Benzene, Toluene, and Xylenes = 50 mg/Kg.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Frank Hernandez	Approved by District Supervisor:	
Title: District Environmental Supervisor	Approval Date:	Expiration Date:
Date: 9-10-02 Phone: 915.638.3799	Conditions of Approval:	Attached ☐

* Attach Additional Sheets If Necessary