

REVIEWED

By Mike Buchanan at 3:26 pm, Jul 18, 2023



**2022
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

Incident # nAPP2109534369

PREPARED FOR:

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

PREPARED BY:

TRC ENVIRONMENTAL CORPORATION

10 Desta Drive, Suite 130E

Midland, Texas 79705

March 2023

A handwritten signature in blue ink, appearing to read "Matthew K. Green".

Matthew K. Green
Senior Project Manager

A handwritten signature in blue ink, appearing to read "Jonathan P. Repman".

Jonathan P. Repman, R.G.
Midland Office Practice Lead

Review of the 2022 Annual Groundwater Monitoring Report on behalf of Plains Marketing, L.P. Junction 34 to Lea Station: **Content Satisfactory**

1. Continue to monitor groundwater and sample wells on a quarterly basis, according to plan in report.
2. Submit the 2023 GW Annual Report by April 1, 2024.
3. Conduct PAH analysis as per report
4. Monitor well gauging on a monthly basis.

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INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), TRC Environmental Corporation (TRC) is pleased to submit this 2022 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 2022. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2022 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 B). The Release is reported to have been due to internal corrosion of the pipeline. The Release impacted approximately 10,769 square feet of the pipeline right-of-way, caliche road, and land owned by the Millard Deck Estate. On November 6, 2002, following the discovery of the Release, a contractor and EOTT personnel mobilized to the Site, exposed the pipeline and installed a pipeline repair clamp. Hydrocarbon impacted soil excavated during the initial 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 activities.

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 summarized in Table 4

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	Quarterly		
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 7-8, June 16-17, July 28-29, and December 21-22, 2022. 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 2022, are depicted on the Inferred Groundwater Gradient Maps, Figures 2A-2D. Groundwater elevation data for 2022 is provided as Table 1. Historical groundwater elevation data beginning at project inception is summarized in Table 4.

The most recent Inferred Groundwater Gradient Map, Figure 2D, indicated a general gradient of approximately 0.0029 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 0.0038 feet/foot during the 1st quarter to 0.0029 feet/foot during 4th quarter.

LABORATORY RESULTS

Groundwater samples obtained during all four (4) quarterly sampling events of 2022 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 2022 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 2022 are summarized in Table 2 and historical concentrations of BTEX in groundwater are summarized in Table 5. The 2022 polynuclear aromatic hydrocarbons in groundwater are summarized in Table 3 and the historical polynuclear aromatic hydrocarbons in groundwater are summarized in Table 6. Copies of the laboratory reports generated for 2022 are provided in Appendix A. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

Monitor well MW-1 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.162 mg/L during the 4th quarter to 0.260 mg/L during the 2nd quarter of 2022. 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 0.00150 mg/L during the 4th quarter to 0.00285 mg/L during the 2nd quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory guideline of 0.75 mg/L during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0233 mg/L during the 4th quarter to 0.0609 mg/L during the 2nd quarter of 2022. Ethylbenzene

concentrations were below the NMOCD regulatory guideline of 0.75 mg/L during the four (4) quarters of the reporting period. Xylene concentrations ranged from 0.00935 mg/L during the 1st quarter to 0.0137 mg/L during the 3rd quarter of 2022. 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 fluorene (0.0077 mg/L), phenanthrene (0.0081 mg/L), and naphthalene (0.0668 mg/L).

Monitor well MW-2 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.00942 during the 1st quarter 0.0175 mg/L during the 2nd quarter of 2022. Benzene concentrations were above the NMOCD regulatory guidelines during the 2nd, 3rd, and 4th quarters of the reporting period. Toluene concentrations were below the applicable laboratory RL during all four (4) quarters of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from below the applicable laboratory RL during the 1st quarter to 0.0129 mg/L during the 3rd 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 RL during the 1st and 2nd quarters to 0.00403 mg/L during the 3rd quarter of 2022. 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 0.664 mg/L during the 3rd quarter to 1.33 mg/L during the 2nd quarter. Benzene concentrations were above the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00138 mg/L during the 1st quarter to 0.00211 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 0.00248 mg/L during the 4th quarter to 0.0201 mg/L during the 3rd quarter. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from 0.0118 mg/L during the 1st quarter to 0.0225 mg/L during the 3rd quarter of 2022. 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 fluorene (0.0025mg/L), phenanthrene (0.0042 mg/L), and naphthalene (0.05192 mg/L).

Monitor well MW-4A is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from below the applicable laboratory RL during the 1st quarter to 0.00808 mg/L during the 4th quarter. Benzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene, ethylbenzene, and xylene 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-5A 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 quarter to 0.00180 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 ranged from less than the applicable laboratory RL during the 1st, 2nd and 3rd quarter to 0.00113 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 less than the applicable laboratory RL during the 1st, 2nd and 3rd quarter to 0.00227 mg/L during the 4th 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 1st, 2nd, and 3rd quarter to 0.00900 mg/L during the 4th 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 0.923 mg/L during the 4th quarter to 1.29 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 0.00152 mg/L during the 4th quarter to 0.00186 mg/L during the 3rd 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 0.0270 mg/L during the 4th quarter to 0.155 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 0.0975 mg/L during the 2nd quarter to 0.132 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 during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for fluorene (0.0023 mg/L), phenanthrene (0.0016 mg/L), and naphthalene (0.121 mg/L).

Monitor well MW-7A is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.144 mg/L during the 4th quarter to 0.878 mg/L during the 2nd 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 0.00101 mg/L during the 4th quarter to 0.00449 mg/L during the 1st 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 0.00125 mg/L during the 4th quarter to 0.0218 mg/L during the 3rd 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 0.00645 mg/L during the 4th quarter to

0.0512 mg/L during the 3rd 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 fluorene (0.0044 mg/L), phenanthrene (0.0054 mg/L), and naphthalene (0.0329 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 a quarterly schedule and the analytical results indicated benzene concentrations ranged from less than the applicable laboratory RL during the 2nd, 3rd, and 4th quarter to 0.00184 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, ethylbenzene, and xylene concentrations were less than the applicable laboratory RL and NMOCD regulatory guideline during all four (4) quarter of the reporting period. 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 0.105 mg/L during the 4th quarter to 0.188 mg/L during the 1st quarter of the reporting period. 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 all four (4) quarters of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during all four (4) quarters. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from 0.00267 mg/L during the 4th quarter to 0.0156 mg/L during the 1st 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 benzene, toluene, ethylbenzene, and xylene 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 2022 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 0.0029 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 at least one (1) BTEX constituent concentration was above the applicable NMOCD regulatory guidelines during at least one (1) quarter in six (6) 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-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.

ANTICIPATED ACTIONS

Quarterly and annual monitoring and groundwater sampling will continue in 2023. Monitor well gauging will continue on a monthly 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, MW-6A, and MW-7A during the 2023 reporting period.

A 2023 Annual Monitoring Report will be submitted to the NMOCD by April 1, 2024.

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

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FIGURES



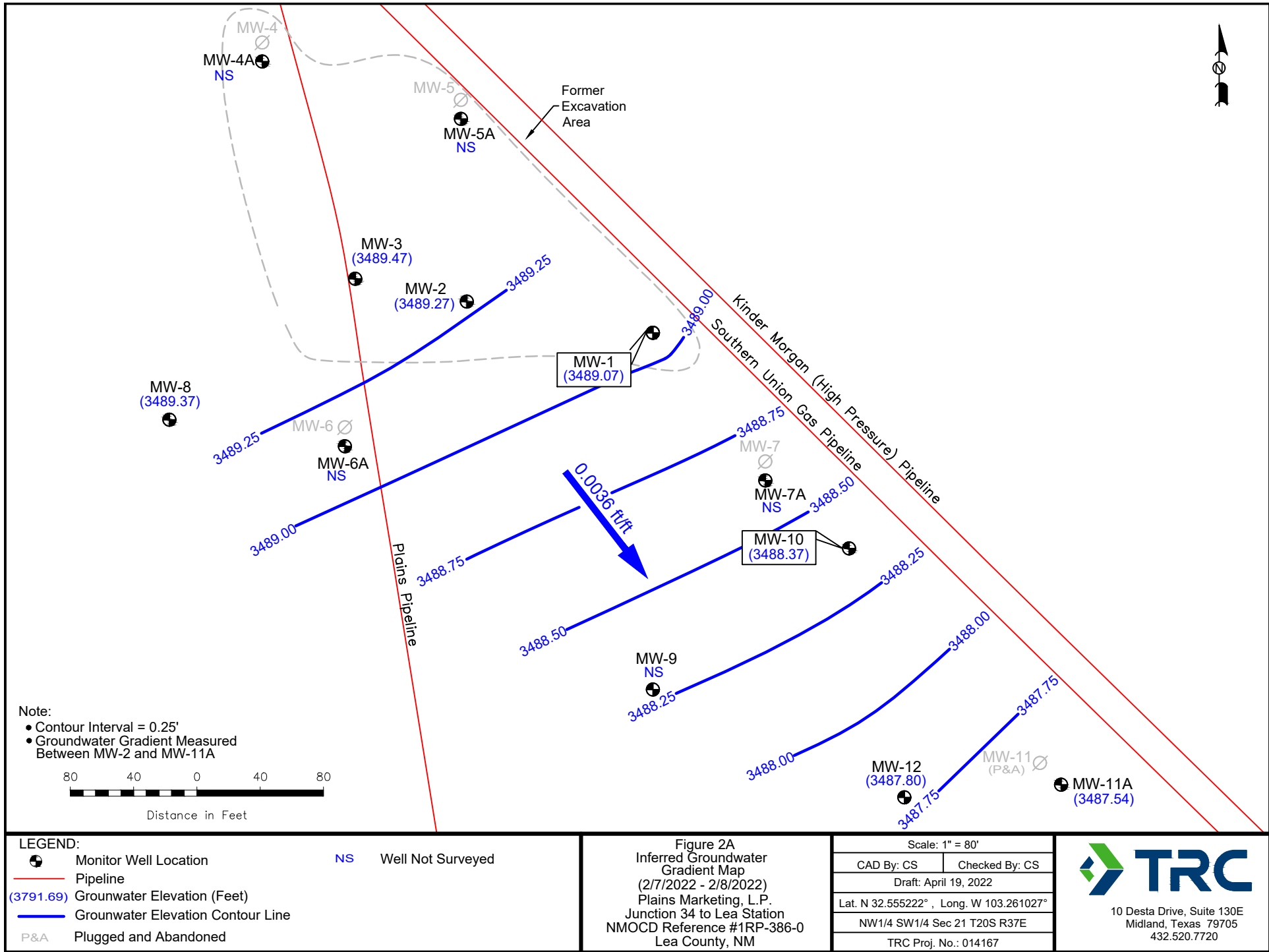
Distance in Feet

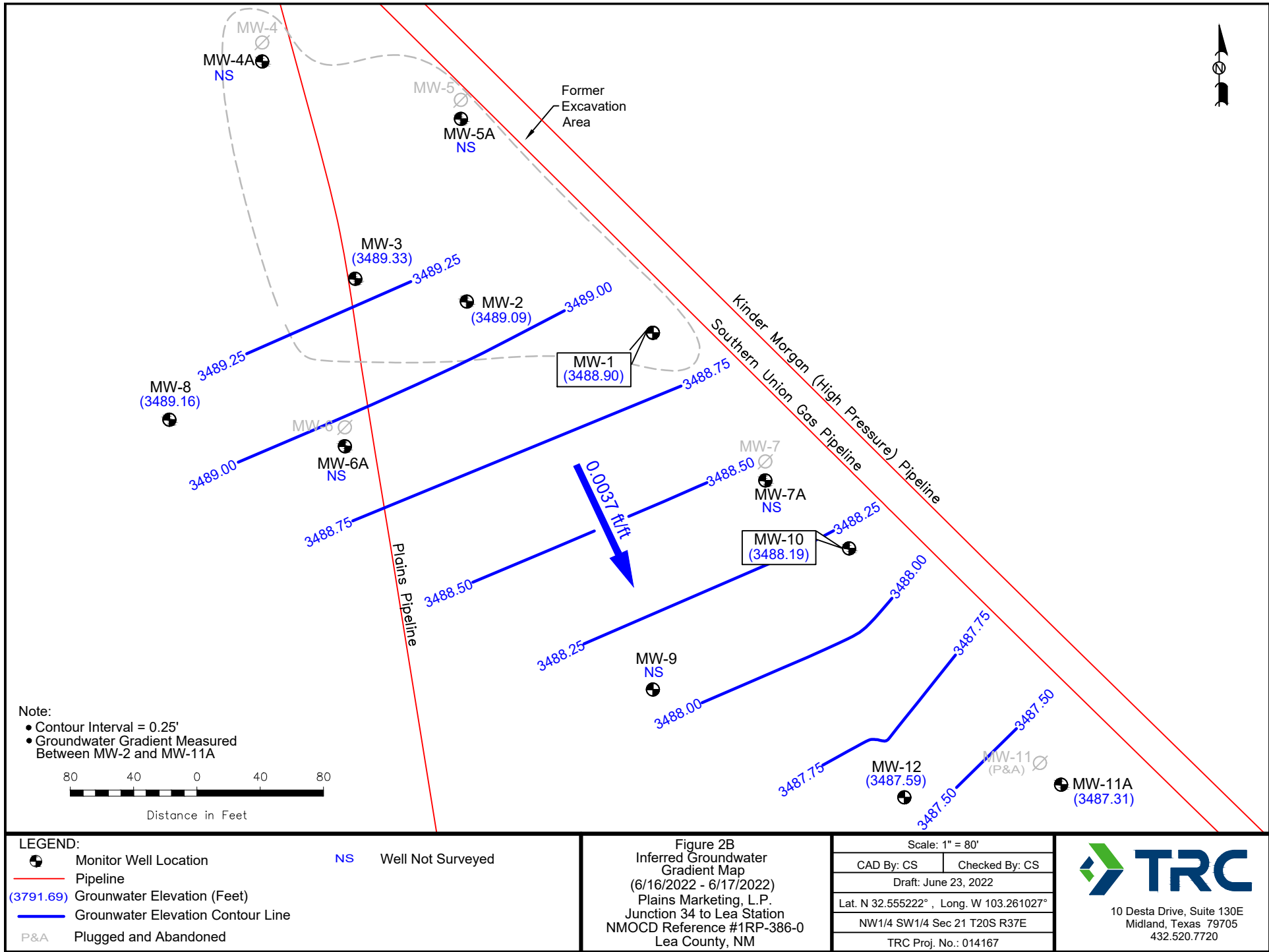
Figure 1
Site Location Map
Plains Marketing, L.P.
34 Junction To Lea Station
NMOCD Reference # 1RP-386-0
Lea County, NM

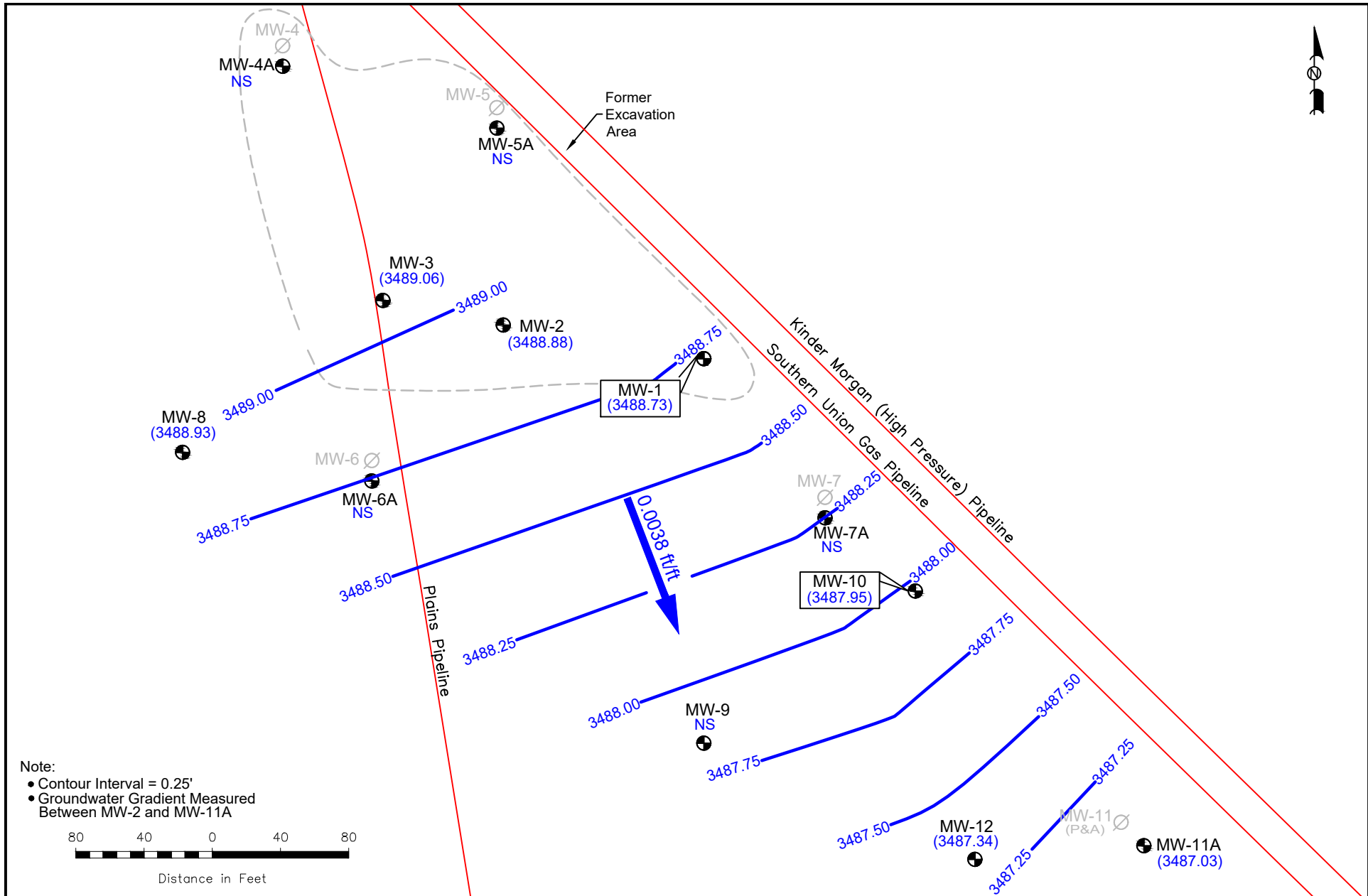
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CAD By: CS	Checked By: CS
Draft: February 7, 2022	
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TRC Proj. No.: 014167	

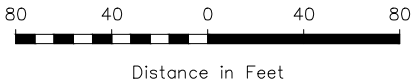




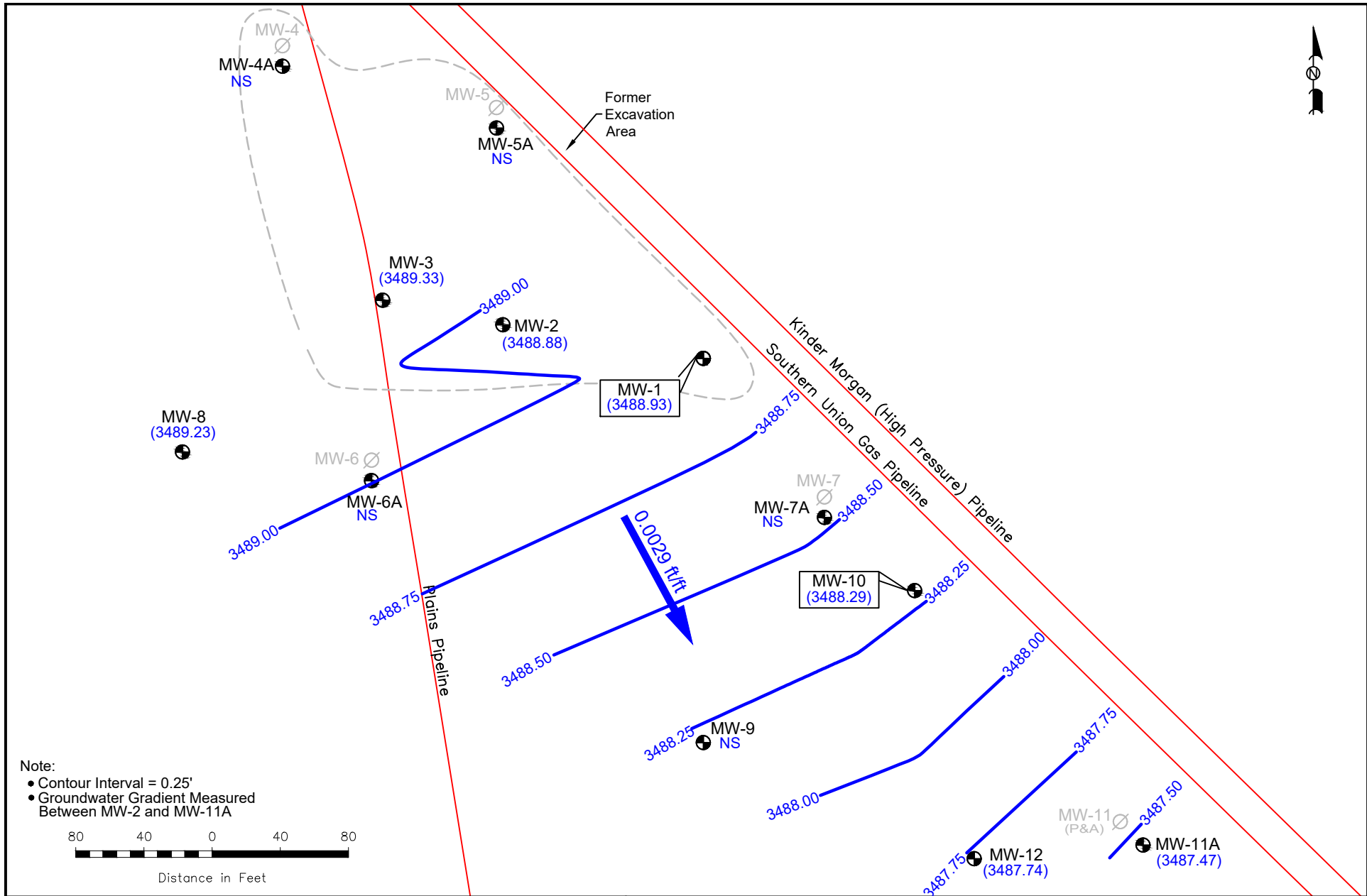




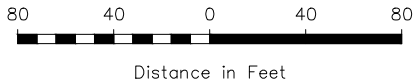
Note:
 • Contour Interval = 0.25'
 • Groundwater Gradient Measured Between MW-2 and MW-11A



LEGEND:		Figure 2C Inferred Groundwater Gradient Map (7/28/2022 - 7/29/2022) Plains Marketing, L.P. Junction 34 to Lea Station NMOCD Reference #1RP-386-0 Lea County, NM	Scale: 1" = 80'		 10 Desta Drive, Suite 130E Midland, Texas 79705 432.520.7720		
	Monitor Well Location		NS	Well Not Surveyed		CAD By: CS	Checked By: CS
	Pipeline					Draft: August 5, 2022	
(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	
	Plugged and Abandoned					TRC Proj. No.: 014167	



Note:
• Contour Interval = 0.25'
• Groundwater Gradient Measured Between MW-2 and MW-11A



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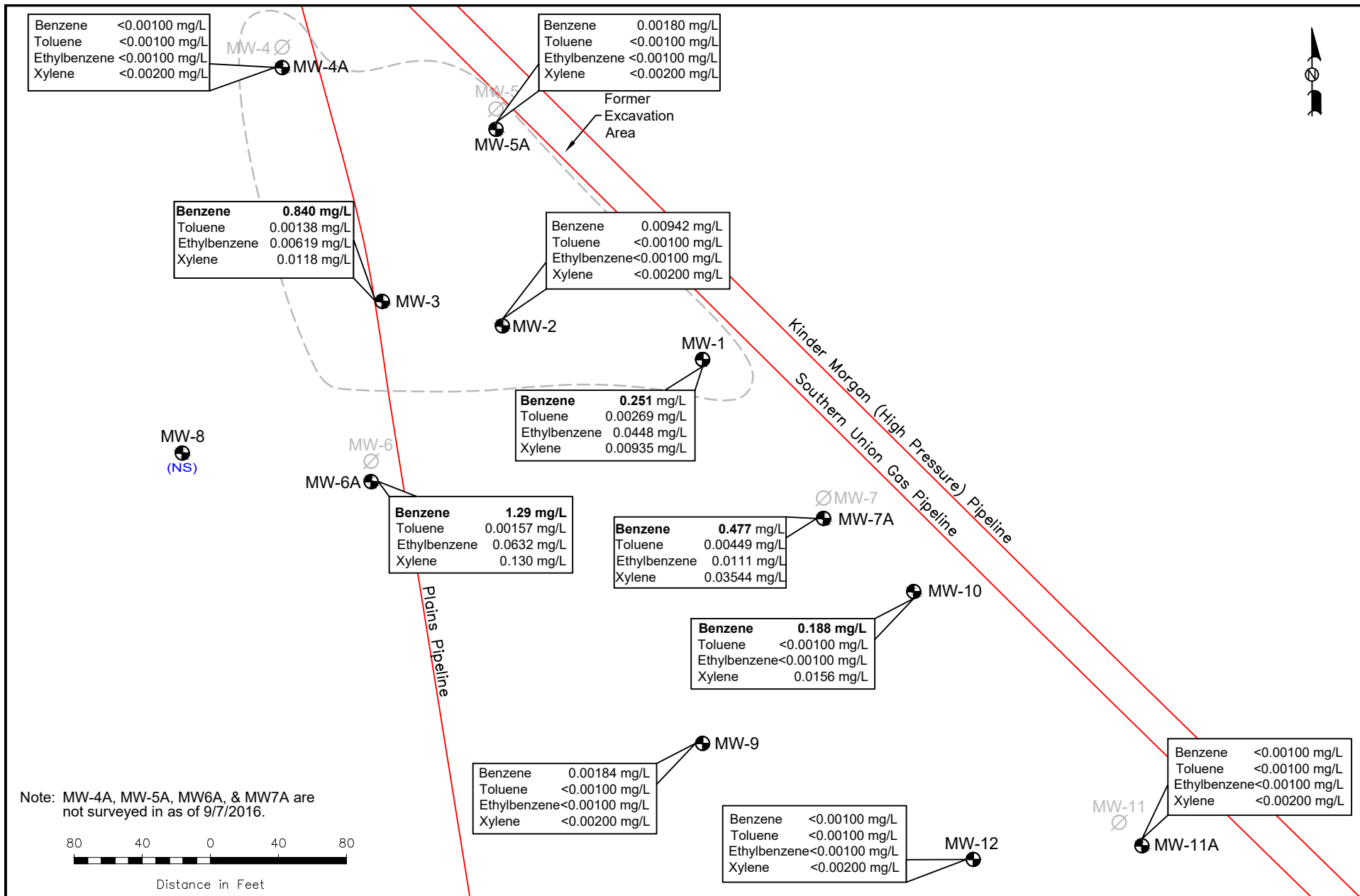
- Monitor Well Location
- Pipeline
- (3791.69) Groundwater Elevation (Feet)
- Groundwater Elevation Contour Line
- P&A Plugged and Abandoned
- NS Well Not Surveyed

Figure 2D
Inferred Groundwater
Gradient Map
(12/21/2022 - 12/22/2022)
Plains Marketing, L.P.
Junction 34 to Lea Station
NMOCD Reference #1RP-386-0
Lea County, NM

Scale: 1" = 80'

CAD By: CS	Checked By: CS
Draft: March 5, 2023	
Lat. N 32.555222°, Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

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LEGEND:

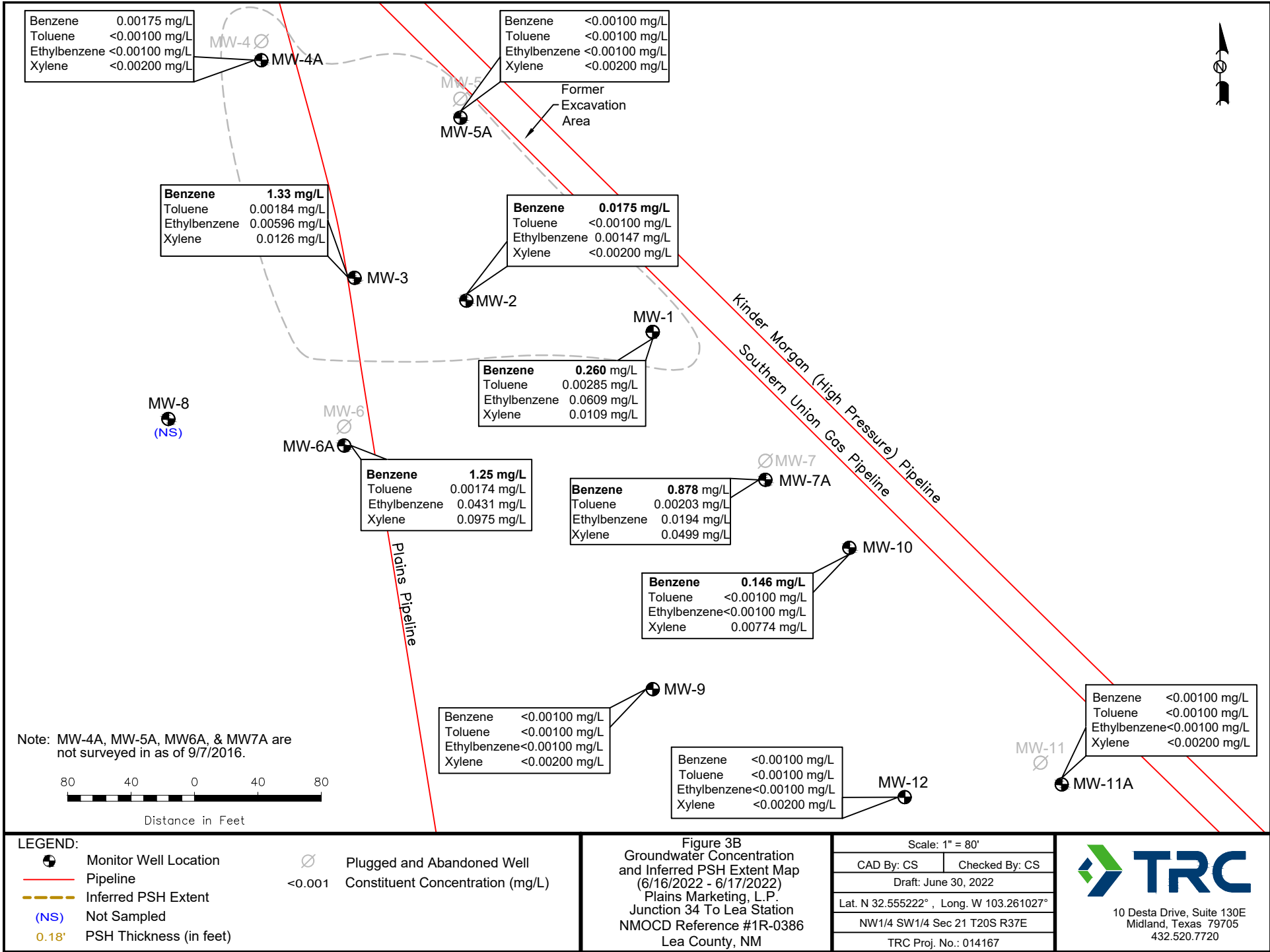
- Monitor Well Location
- Pipeline
- Inferred PSH Extent
- Not Sampled
- PSH Thickness (in feet)
- Plugged and Abandoned Well
- <0.001 Constituent Concentration (mg/L)

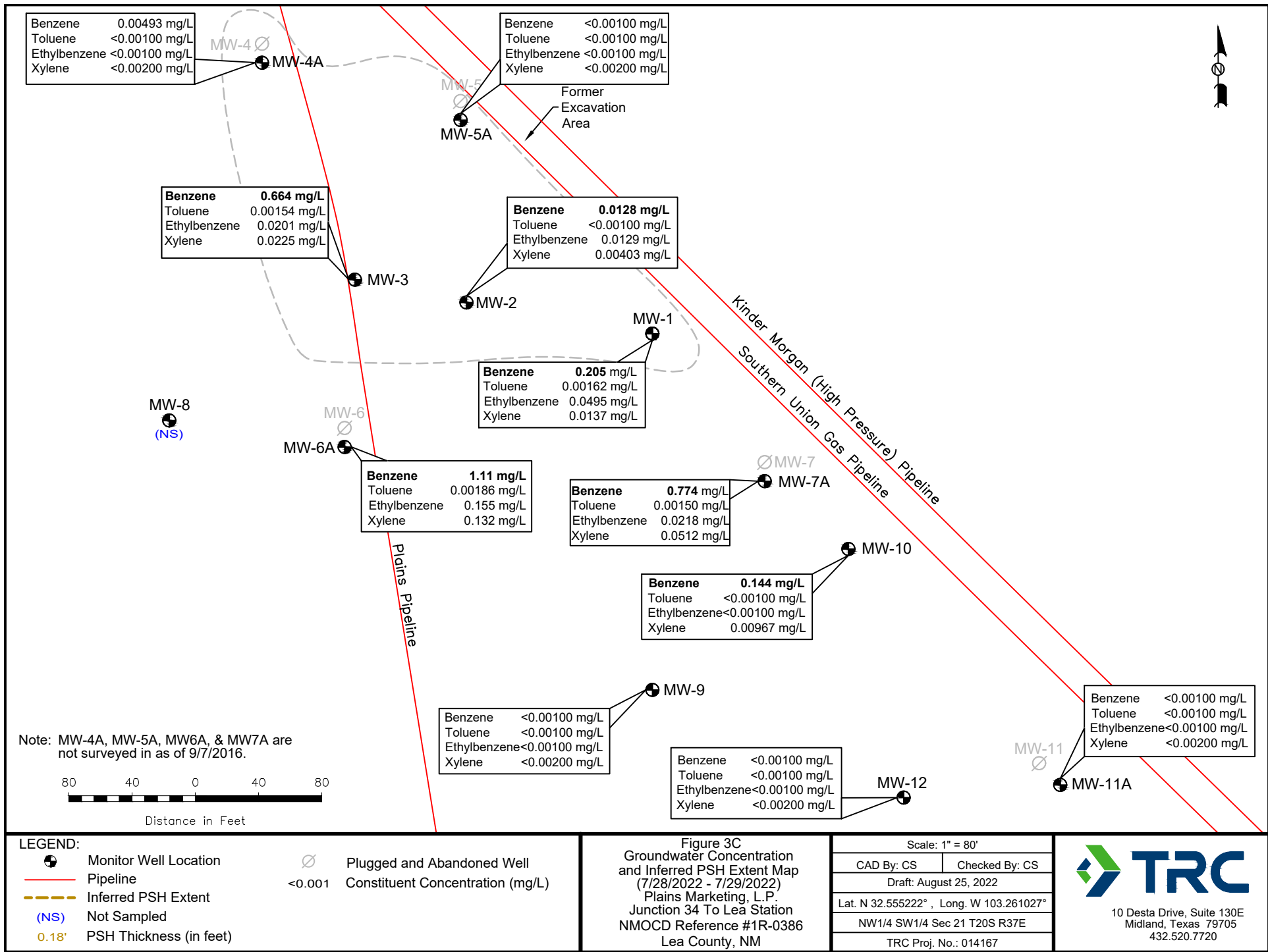
Figure 3A
Groundwater Concentration
and Inferred PSH Extent Map
(2/8/2022)
Plains Marketing, L.P.
Junction 34 To Lea Station
NMOCD Reference #1R-0386
Lea County, NM

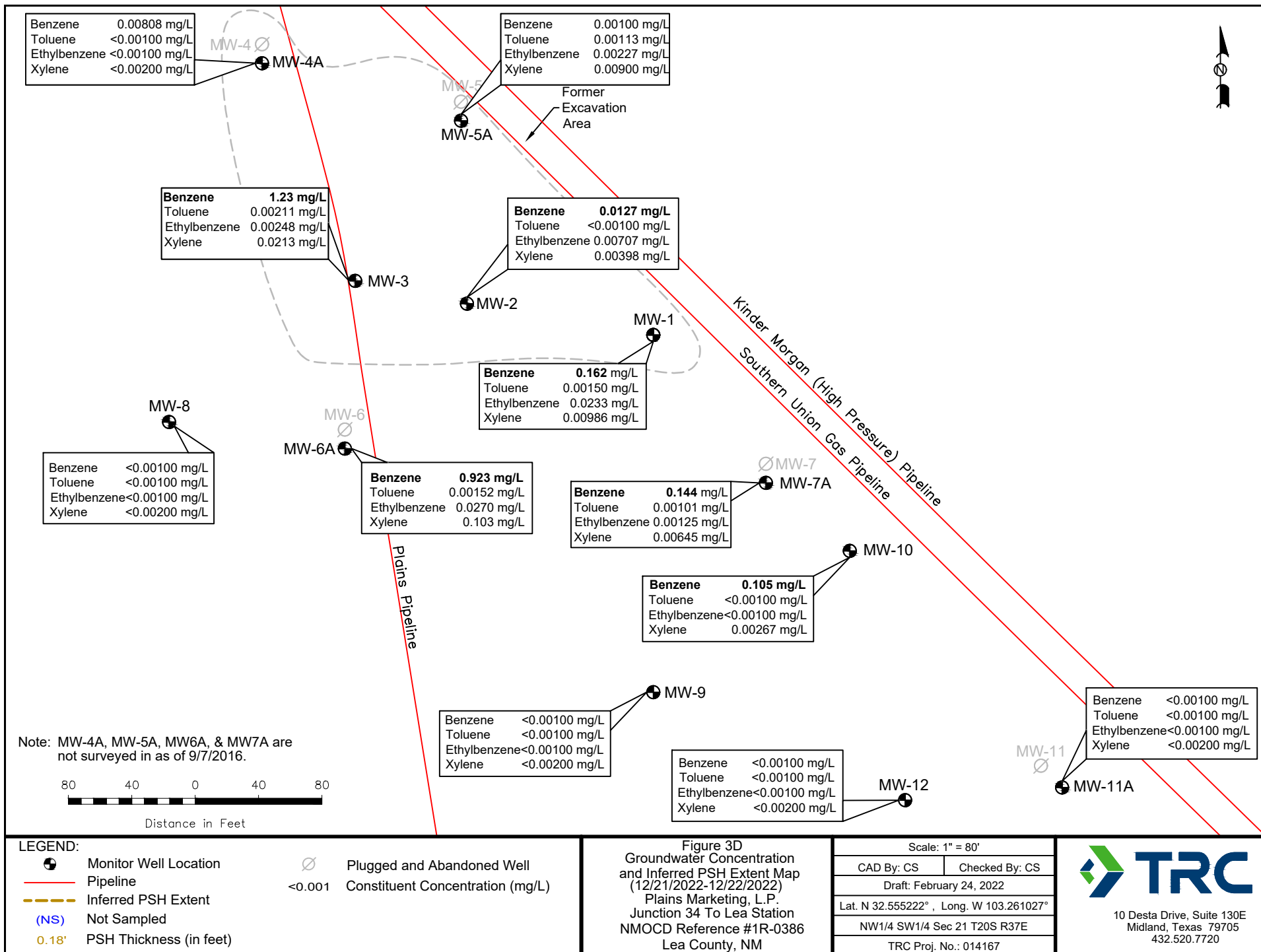
Scale: 1" = 80'

CAD By: CS	Checked By: CS
Draft: March 7, 2022	
Lat. N 32.555222°, Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

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TABLES

TABLE 1

2022 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	01/07/22	3,508.39	-	19.35	0.00	3,489.04
MW - 1	02/07/22	3,508.39	-	19.32	0.00	3,489.07
MW - 1	03/11/22	3,508.39	-	19.32	0.00	3,489.07
MW - 1	04/05/22	3,508.39	-	19.26	0.00	3,489.13
MW - 1	04/21/22	3,508.39	-	19.29	0.00	3,489.10
MW - 1	06/17/22	3,508.39	-	19.49	0.00	3,488.90
MW - 1	06/24/22	3,508.39	-	19.50	0.00	3,488.89
MW - 1	07/22/22	3,508.39	-	19.63	0.00	3,488.76
MW - 1	07/29/22	3,508.39	-	19.66	0.00	3,488.73
MW - 1	08/26/22	3,508.39	-	19.82	0.00	3,488.57
MW - 1	09/28/22	3,508.39	-	19.68	0.00	3,488.71
MW - 1	09/28/22	3,508.39	-	19.68	0.00	3,488.71
MW - 1	10/13/22	3,508.39	-	19.74	0.00	3,488.65
MW - 1	12/22/22	3,508.39	-	19.46	0.00	3,488.93
MW-2	01/07/22	3,509.87	-	20.62	0.00	3,489.25
MW-2	02/07/22	3,509.87	-	20.60	0.00	3,489.27
MW-2	03/11/22	3,509.87	-	20.61	0.00	3,489.26
MW-2	04/05/22	3,509.87	-	20.53	0.00	3,489.34
MW-2	06/16/22	3,509.87	-	20.78	0.00	3,489.09
MW-2	07/29/22	3,509.87	-	20.99	0.00	3,488.88
MW-2	12/22/22	3,509.87	-	20.99	0.00	3,488.88
MW - 3	01/07/22	3,510.51	-	21.07	0.00	3,489.44
MW - 3	02/07/22	3,510.51	-	21.04	0.00	3,489.47
MW - 3	03/11/22	3,510.51	-	21.02	0.00	3,489.49
MW - 3	04/05/22	3,510.51	-	20.96	0.00	3,489.55
MW - 3	04/21/22	3,510.51	-	20.98	0.00	3,489.53
MW - 3	06/17/22	3,510.51	-	21.18	0.00	3,489.33
MW - 3	06/24/22	3,510.51	-	21.27	0.00	3,489.24
MW - 3	07/22/22	3,510.51	-	21.41	0.00	3,489.10
MW - 3	07/29/22	3,510.51	-	21.45	0.00	3,489.06
MW - 3	08/26/22	3,510.51	-	21.62	0.00	3,488.89
MW - 3	09/28/22	3,510.51	-	21.44	0.00	3,489.07
MW - 3	10/13/22	3,510.51	-	21.52	0.00	3,488.99
MW - 3	12/22/22	3,510.51	-	21.18	0.00	3,489.33
MW - 4A	01/07/22	100.00	-	20.14	0.00	79.86
MW - 4A	02/07/22	100.00	-	20.10	0.00	79.90
MW - 4A	03/11/22	100.00	-	20.08	0.00	79.92
MW - 4A	04/05/22	100.00	-	20.02	0.00	79.98
MW - 4A	06/16/22	100.00	-	20.36	0.00	79.64
MW - 4A	07/29/22	100.00	-	20.69	0.00	79.31
MW - 4A	12/22/22	100.00	-	20.26	0.00	79.74
MW - 5A	01/07/22	100.00	-	19.82	0.00	80.18

TABLE 1

2022 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	02/07/22	100.00	-	19.79	0.00	80.21
MW - 5A	03/11/22	100.00	-	19.79	0.00	80.21
MW - 5A	04/05/22	100.00	-	19.76	0.00	80.24
MW - 5A	04/21/22	100.00	-	19.72	0.00	80.28
MW - 5A	06/16/22	100.00	-	20.00	0.00	80.00
MW - 5A	06/24/22	100.00	-	20.07	0.00	79.93
MW - 5A	07/22/22	100.00	-	20.48	0.00	79.52
MW - 5A	07/29/22	100.00	-	20.25	0.00	79.75
MW - 5A	08/26/22	100.00	-	20.40	0.00	79.60
MW - 5A	09/28/22	100.00	-	20.20	0.00	79.80
MW - 5A	10/13/22	100.00	-	20.32	0.00	79.68
MW - 5A	12/22/22	100.00	-	19.90	0.00	80.10
MW - 6A	01/07/22	100.00	-	22.49	0.00	77.51
MW - 6A	02/07/22	100.00	-	22.46	0.00	77.54
MW - 6A	03/11/22	100.00	-	22.44	0.00	77.56
MW - 6A	04/05/22	100.00	-	22.40	0.00	77.60
MW - 6A	04/21/22	100.00	-	22.41	0.00	77.59
MW - 6A	06/17/22	100.00	-	22.62	0.00	77.38
MW - 6A	06/24/22	100.00	-	22.66	0.00	77.34
MW - 6A	07/22/22	100.00	-	22.80	0.00	77.20
MW - 6A	07/29/22	100.00	-	22.84	0.00	77.16
MW - 6A	08/26/22	100.00	-	23.00	0.00	77.00
MW - 6A	09/28/22	100.00	-	22.85	0.00	77.15
MW - 6A	10/13/22	100.00	-	22.92	0.00	77.08
MW - 6A	12/22/22	100.00	-	22.60	0.00	77.40
MW - 7A	01/07/22	100.00	-	20.01	0.00	79.99
MW - 7A	02/07/22	100.00	-	19.99	0.00	80.01
MW - 7A	03/11/22	100.00	-	19.98	0.00	80.02
MW - 7A	04/05/22	100.00	-	19.95	0.00	80.05
MW - 7A	04/21/22	100.00	-	19.96	0.00	80.04
MW - 7A	06/17/22	100.00	-	20.13	0.00	79.87
MW - 7A	07/29/22	100.00	-	20.33	0.00	79.67
MW - 7A	08/26/22	100.00	-	20.47	0.00	79.53
MW - 7A	09/28/22	100.00	-	20.33	0.00	79.67
MW - 7A	10/13/22	100.00	-	20.38	0.00	79.62
MW - 7A	12/22/22	100.00	-	20.08	0.00	79.92
MW - 8	01/07/22	3,513.26	-	23.94	0.00	3,489.32
MW - 8	02/07/22	3,513.26	-	23.89	0.00	3,489.37
MW - 8	03/11/22	3,513.26	-	23.86	0.00	3,489.40
MW - 8	04/05/22	3,513.26	-	23.82	0.00	3,489.44
MW - 8	06/16/22	3,513.26	-	24.10	0.00	3,489.16
MW - 8	07/28/22	3,513.26	-	24.33	0.00	3,488.93
MW - 8	12/21/22	3,513.26	-	24.03	0.00	3,489.23

TABLE 1

2022 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 - 9	01/07/22	100.00	-	21.17	0.00	78.83
MW - 9	02/07/22	100.00	-	21.14	0.00	78.86
MW - 9	03/11/22	100.00	-	21.14	0.00	78.86
MW - 9	04/05/22	100.00	-	21.11	0.00	78.89
MW - 9	06/16/22	100.00	-	21.29	0.00	78.71
MW - 9	07/29/22	100.00	-	21.51	0.00	78.49
MW - 9	12/22/22	100.00	-	21.22	0.00	78.78
MW-10	01/07/22	3,507.79	-	19.44	0.00	3,488.35
MW-10	02/07/22	3,507.79	-	19.42	0.00	3,488.37
MW-10	03/11/22	3,507.79	-	19.40	0.00	3,488.39
MW-10	04/05/22	3,507.79	-	19.38	0.00	3,488.41
MW-10	04/21/22	3,507.79	-	19.40	0.00	3,488.39
MW-10	06/17/22	3,507.79	-	19.60	0.00	3,488.19
MW-10	06/24/22	3,507.79	-	19.65	0.00	3,488.14
MW-10	07/22/22	3,507.79	-	19.79	0.00	3,488.00
MW-10	07/29/22	3,507.79	-	19.84	0.00	3,487.95
MW-10	08/26/22	3,507.79	-	19.94	0.00	3,487.85
MW-10	12/22/22	3,507.79	-	19.50	0.00	3,488.29
MW - 11A	01/07/22	3,509.52	-	22.00	0.00	3,487.52
MW - 11A	02/07/22	3,509.52	-	21.98	0.00	3,487.54
MW - 11A	03/11/22	3,509.52	-	21.98	0.00	3,487.54
MW - 11A	04/05/22	3,509.52	-	21.96	0.00	3,487.56
MW - 11A	06/16/22	3,509.52	-	22.21	0.00	3,487.31
MW - 11A	07/28/22	3,509.52	-	22.49	0.00	3,487.03
MW - 11A	12/22/22	3,509.52	-	22.05	0.00	3,487.47
MW - 12	01/07/22	3,508.49	-	20.71	0.00	3,487.78
MW - 12	02/07/22	3,508.49	-	20.69	0.00	3,487.80
MW - 12	03/11/22	3,508.49	-	20.70	0.00	3,487.79
MW - 12	04/05/22	3,508.49	-	20.66	0.00	3,487.83
MW - 12	06/16/22	3,508.49	-	20.90	0.00	3,487.59
MW - 12	07/28/22	3,508.49	-	21.15	0.00	3,487.34
MW - 12	12/21/22	3,508.49	-	20.75	0.00	3,487.74

TABLE 2
2022 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	02/08/22	0.251	0.00269	0.0448	0.00935	
MW - 1	06/17/22	0.260	0.00285	0.0609	0.0109	
MW - 1	07/29/22	0.205	0.00162	0.0495	0.0137	
MW - 1	12/22/22	0.162	0.00150	0.0233	0.00986	
MW - 2	02/08/22	0.00942	<0.00100	<0.00100	<0.00200	
MW - 2	06/16/22	0.0175	<0.00100	0.00147	<0.00200	
MW - 2	07/29/22	0.0128	<0.00100	0.0129	0.00403	
MW - 2	12/22/22	0.0127	<0.00100	0.00707	0.00398	
MW - 3	02/08/22	0.840	0.00138	0.00619	0.0118	
MW - 3	06/17/22	1.33	0.00184	0.00596	0.0126	
MW - 3	07/29/22	0.664	0.00154	0.0201	0.0225	
MW - 3	12/22/22	1.23	0.00211	0.00248	0.0213	
MW-4A	02/08/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW-4A	06/16/22	0.00175	<0.00100	<0.00100	<0.00200	
MW-4A	07/29/22	0.00493	<0.00100	<0.00100	<0.00200	
MW-4A	12/22/22	0.00808	<0.00100	<0.00100	<0.00200	
MW - 5A	02/08/22	0.00180	<0.00100	<0.00100	<0.00200	
MW - 5A	06/16/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5A	07/29/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5A	12/22/22	<0.00100	0.00113	0.00227	0.00900	
MW - 6A	02/08/22	1.29	0.00157	0.0632	0.130	
MW - 6A	06/17/22	1.25	0.00174	0.0431	0.0975	
MW - 6A	07/29/22	1.11	0.00186	0.155	0.132	
MW - 6A	12/22/22	0.923	0.00152	0.0270	0.103	
MW - 7A	02/08/22	0.477	0.00449	0.0111	0.03544	
MW - 7A	06/17/22	0.878	0.00203	0.0194	0.0499	
MW - 7A	07/29/22	0.774	0.00150	0.0218	0.0512	
MW - 7A	12/22/22	0.144	0.00101	0.00125	0.00645	
MW - 8	02/08/22	Not Sampled on Current Sample Schedule				
MW - 8	06/17/22	Not Sampled on Current Sample Schedule				
MW - 8	07/29/22	Not Sampled on Current Sample Schedule				
MW - 8	12/22/22	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 2
2022 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	02/08/22	0.00184	<0.00100	<0.00100	<0.00200	
MW - 9	06/16/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	07/29/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	12/22/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	02/08/22	0.188	<0.00100	<0.00100	0.0156	
MW - 10	06/17/22	0.146	<0.00100	<0.00100	0.00774	
MW - 10	07/29/22	0.144	<0.00100	<0.00100	0.00967	
MW - 10	12/22/22	0.105	<0.00100	<0.00100	0.00267	
MW - 11A	02/08/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	06/16/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	07/28/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	12/22/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	02/08/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	06/16/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	07/28/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	12/21/22	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 3

2022 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	12/22/22	0.00053	0.0013	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0077	<0.00010	0.0081	<0.00010	0.0668		-	
MW-2	12/22/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	12/22/22	0.00020	0.00041	<0.00010	0.00098	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0025	<0.00010	0.0042	<0.00010	0.05192		-	
MW-4A	12/22/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5A	12/22/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6A	12/22/22	<0.00010	0.00021	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0023	<0.00010	0.0016	<0.00010	0.121		-	
MW-7A	12/22/22	<0.00010	0.00074	0.00094	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0044	<0.00010	0.0054	<0.00010	0.0329		-	
MW-8	12/22/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/22/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	12/22/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11A	12/22/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/22/22	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	02/13/12	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	05/14/13	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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	01/05/14	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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	08/31/16	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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 - 1	01/09/20	3,508.39	-	18.48	0.00	3,489.91

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	01/21/20	3,508.39	-	18.45	0.00	3,489.94
MW - 1	01/29/20	3,508.39	-	18.43	0.00	3,489.96
MW - 1	02/13/20	3,508.39	-	18.40	0.00	3,489.99
MW - 1	02/20/20	3,508.39	-	18.40	0.00	3,489.99
MW - 1	03/20/20	3,508.39	-	18.31	0.00	3,490.08
MW - 1	05/11/20	3,508.39	-	18.16	0.00	3,490.23
MW - 1	06/26/20	3,508.39	-	18.58	0.00	3,489.81
MW - 1	07/22/20	3,508.39	-	18.82	0.00	3,489.57
MW - 1	08/28/20	3,508.39	-	19.03	0.00	3,489.36
MW - 1	09/04/20	3,508.39	-	19.05	0.00	3,489.34
MW - 1	09/15/20	3,508.39	-	19.06	0.00	3,489.33
MW - 1	10/15/20	3,508.39	-	19.15	0.00	3,489.24
MW - 1	10/29/20	3,508.39	-	19.19	0.00	3,489.20
MW - 1	11/17/20	3,508.39	-	19.20	0.00	3,489.19
MW - 1	11/30/20	3,508.39	-	19.20	0.00	3,489.19
MW - 1	12/23/20	3,508.39	-	19.24	0.00	3,489.15
MW - 1	01/14/21	3,508.39	-	19.21	0.00	3,489.18
MW - 1	01/27/21	3,508.39	-	19.20	0.00	3,489.19
MW - 1	03/19/21	3,508.39	-	19.12	0.00	3,489.27
MW - 1	04/12/21	3,508.39	-	19.03	0.00	3,489.36
MW - 1	04/27/21	3,508.39	-	19.00	0.00	3,489.39
MW - 1	05/21/21	3,508.39	-	18.92	0.00	3,489.47
MW - 1	06/01/21	3,508.39	-	18.94	0.00	3,489.45
MW - 1	07/06/21	3,508.39	-	19.15	0.00	3,489.24
MW - 1	07/16/21	3,508.39	-	19.05	0.00	3,489.34
MW - 1	08/18/21	3,508.39	-	19.17	0.00	3,489.22
MW - 1	09/02/21	3,508.39	-	19.21	0.00	3,489.18
MW - 1	09/21/21	3,508.39	-	19.23	0.00	3,489.16
MW - 1	10/06/21	3,508.39	-	19.25	0.00	3,489.14
MW - 1	10/15/21	3,508.39	-	19.28	0.00	3,489.11
MW - 1	11/10/21	3,508.39	-	19.32	0.00	3,489.07
MW - 1	11/19/21	3,508.39	-	19.33	0.00	3,489.06
MW - 1	12/28/21	3,508.39	-	19.35	0.00	3,489.04
MW - 1	01/07/22	3,508.39	-	19.35	0.00	3,489.04
MW - 1	02/07/22	3,508.39	-	19.32	0.00	3,489.07
MW - 1	03/11/22	3,508.39	-	19.32	0.00	3,489.07
MW - 1	04/05/22	3,508.39	-	19.26	0.00	3,489.13
MW - 1	04/21/22	3,508.39	-	19.29	0.00	3,489.10
MW - 1	06/17/22	3,508.39	-	19.49	0.00	3,488.90
MW - 1	06/24/22	3,508.39	-	19.50	0.00	3,488.89

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	07/22/22	3,508.39	-	19.63	0.00	3,488.76
MW - 1	07/29/22	3,508.39	-	19.66	0.00	3,488.73
MW - 1	08/26/22	3,508.39	-	19.82	0.00	3,488.57
MW - 1	09/28/22	3,508.39	-	19.68	0.00	3,488.71
MW - 1	09/28/22	3,508.39	-	19.68	0.00	3,488.71
MW - 1	10/13/22	3,508.39	-	19.74	0.00	3,488.65
MW - 1	12/22/22	3,508.39	-	19.46	0.00	3,488.93
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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	03/10/10	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	06/14/12	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	08/27/13	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	07/22/14	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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	04/17/19	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-2	01/09/20	3,509.87	-	19.70	0.00	3,490.17
MW-2	01/21/20	3,509.87	-	19.65	0.00	3,490.22
MW-2	02/13/20	3,509.87	-	19.64	0.00	3,490.23
MW-2	03/20/20	3,509.87	-	19.60	0.00	3,490.27
MW-2	05/11/20	3,509.87	-	19.41	0.00	3,490.46
MW-2	06/26/20	3,509.87	-	19.84	0.00	3,490.03
MW-2	07/22/20	3,509.87	-	20.09	0.00	3,489.78
MW-2	08/28/20	3,509.87	-	20.28	0.00	3,489.59
MW-2	09/15/20	3,509.87	-	20.35	0.00	3,489.52
MW-2	10/15/20	3,509.87	-	20.48	0.00	3,489.39
MW-2	10/29/20	3,509.87	-	20.48	0.00	3,489.39
MW-2	11/17/20	3,509.87	-	20.50	0.00	3,489.37
MW-2	12/23/20	3,509.87	-	20.51	0.00	3,489.36
MW-2	01/27/21	3,509.87	-	20.47	0.00	3,489.40
MW-2	03/19/21	3,509.87	-	20.34	0.00	3,489.53
MW-2	04/12/21	3,509.87	-	20.29	0.00	3,489.58
MW-2	06/02/21	3,509.87	-	20.24	0.00	3,489.63
MW-2	07/06/21	3,509.87	-	20.48	0.00	3,489.39
MW-2	09/02/21	3,509.87	-	20.49	0.00	3,489.38
MW-2	10/06/21	3,509.87	-	20.53	0.00	3,489.34
MW-2	10/15/21	3,509.87	-	20.57	0.00	3,489.30
MW-2	11/09/21	3,509.87	-	20.60	0.00	3,489.27
MW-2	01/07/22	3,509.87	-	20.62	0.00	3,489.25
MW-2	02/07/22	3,509.87	-	20.60	0.00	3,489.27
MW-2	03/11/22	3,509.87	-	20.61	0.00	3,489.26
MW-2	04/05/22	3,509.87	-	20.53	0.00	3,489.34

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	06/16/22	3,509.87	-	20.78	0.00	3,489.09
MW-2	07/29/22	3,509.87	-	20.99	0.00	3,488.88
MW-2	12/22/22	3,509.87	-	20.99	0.00	3,488.88
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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	11/06/13	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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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 - 3	01/09/20	3,510.51	-	20.15	0.00	3,490.36
MW - 3	01/21/20	3,510.51	-	20.11	0.00	3,490.40
MW - 3	02/13/20	3,510.51	-	20.12	0.00	3,490.39
MW - 3	03/20/20	3,510.51	-	20.05	0.00	3,490.46
MW - 3	05/11/20	3,510.51	-	19.82	0.00	3,490.69
MW - 3	06/26/20	3,510.51	-	20.31	0.00	3,490.20
MW - 3	07/22/20	3,510.51	-	20.53	0.00	3,489.98
MW - 3	08/28/20	3,510.51	-	20.76	0.00	3,489.75
MW - 3	09/04/20	3,510.51	-	20.80	0.00	3,489.71
MW - 3	09/15/20	3,510.51	-	20.82	0.00	3,489.69
MW - 3	10/15/20	3,510.51	-	20.96	0.00	3,489.55
MW - 3	10/29/20	3,510.51	-	20.97	0.00	3,489.54
MW - 3	11/17/20	3,510.51	-	20.99	0.00	3,489.52
MW - 3	12/23/20	3,510.51	-	20.98	0.00	3,489.53
MW - 3	01/14/21	3,510.51	-	20.95	0.00	3,489.56
MW - 3	01/27/21	3,510.51	-	20.93	0.00	3,489.58
MW - 3	03/19/21	3,510.51	-	20.79	0.00	3,489.72
MW - 3	04/12/21	3,510.51	-	20.73	0.00	3,489.78
MW - 3	04/27/21	3,510.51	-	20.68	0.00	3,489.83
MW - 3	05/21/21	3,510.51	-	20.63	0.00	3,489.88
MW - 3	06/02/21	3,510.51	-	20.63	0.00	3,489.88
MW - 3	07/06/21	3,510.51	-	20.91	0.00	3,489.60
MW - 3	07/16/21	3,510.51	-	20.80	0.00	3,489.71
MW - 3	08/18/21	3,510.51	-	20.93	0.00	3,489.58
MW - 3	09/02/21	3,510.51	-	20.98	0.00	3,489.53
MW - 3	10/06/21	3,510.51		21.00	0.00	3,489.51
MW - 3	10/15/21	3,510.51		21.05	0.00	3,489.46
MW - 3	11/10/21	3,510.51		21.08	0.00	3,489.43
MW - 3	11/19/21	3,510.51		21.08	0.00	3,489.43
MW - 3	12/28/21	3,510.51		21.08	0.00	3,489.43
MW - 3	01/07/22	3,510.51	-	21.07	0.00	3,489.44
MW - 3	02/07/22	3,510.51	-	21.04	0.00	3,489.47
MW - 3	03/11/22	3,510.51	-	21.02	0.00	3,489.49
MW - 3	04/05/22	3,510.51	-	20.96	0.00	3,489.55

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	04/21/22	3,510.51	-	20.98	0.00	3,489.53
MW - 3	06/17/22	3,510.51	-	21.18	0.00	3,489.33
MW - 3	06/24/22	3,510.51	-	21.27	0.00	3,489.24
MW - 3	07/22/22	3,510.51	-	21.41	0.00	3,489.10
MW - 3	07/29/22	3,510.51	-	21.45	0.00	3,489.06
MW - 3	08/26/22	3,510.51	-	21.62	0.00	3,488.89
MW - 3	09/28/22	3,510.51	-	21.44	0.00	3,489.07
MW - 3	10/13/22	3,510.51	-	21.52	0.00	3,488.99
MW - 3	12/22/22	3,510.51	-	21.18	0.00	3,489.33
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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	04/18/18	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	05/08/19	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 - 4A	01/09/20	100.00	-	19.24	0.00	80.76
MW - 4A	01/21/20	100.00	-	19.20	0.00	80.80
MW - 4A	02/13/20	100.00	-	19.15	0.00	80.85
MW - 4A	02/20/20	100.00	-	19.23	0.00	80.77
MW - 4A	03/20/20	100.00	-	19.08	0.00	80.92
MW - 4A	05/11/20	100.00	-	18.87	0.00	81.13
MW - 4A	06/26/20	100.00	-	19.44	0.00	80.56
MW - 4A	08/28/20	100.00	-	19.91	0.00	80.09
MW - 4A	09/04/20	100.00	-	19.95	0.00	80.05
MW - 4A	09/15/20	100.00	-	19.98	0.00	80.02
MW - 4A	10/15/20	100.00	-	20.09	0.00	79.91
MW - 4A	10/29/20	100.00	-	20.11	0.00	79.89
MW - 4A	11/17/20	100.00	-	20.10	0.00	79.90
MW - 4A	12/23/20	100.00	-	20.02	0.00	79.98
MW - 4A	01/14/21	100.00	-	20.00	0.00	80.00
MW - 4A	01/27/21	100.00	-	19.95	0.00	80.05
MW - 4A	02/25/21	100.00	-	19.88	0.00	80.12
MW - 4A	03/18/21	100.00	-	19.82	0.00	80.18
MW - 4A	04/12/21	100.00	-	19.78	0.00	80.22
MW - 4A	04/27/21	100.00	-	19.75	0.00	80.25
MW - 4A	06/02/21	100.00	-	19.69	0.00	80.31
MW - 4A	07/06/21	100.00	-	20.21	0.00	79.79
MW - 4A	09/02/21	100.00	-	20.14	0.00	79.86
MW - 4A	10/15/21	100.00	-	20.20	0.00	79.80
MW - 4A	11/09/21	100.00	-	20.22	0.00	79.78
MW - 4A	01/07/22	100.00	-	20.14	0.00	79.86
MW - 4A	02/07/22	100.00	-	20.10	0.00	79.90
MW - 4A	03/11/22	100.00	-	20.08	0.00	79.92
MW - 4A	04/05/22	100.00	-	20.02	0.00	79.98

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	06/16/22	100.00	-	20.36	0.00	79.64
MW - 4A	07/29/22	100.00	-	20.69	0.00	79.31
MW - 4A	12/22/22	100.00	-	20.26	0.00	79.74
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	08/22/07	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	05/08/13	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	08/01/16	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	09/01/17	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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	08/22/18	100.00	-	19.23	0.00	80.77
MW - 5A	08/30/18	100.00	-	19.27	0.00	80.73
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	01/09/20	100.00	-	18.90	0.00	81.10
MW - 5A	01/21/20	100.00	-	18.82	0.00	81.18
MW - 5A	01/29/20	100.00	-	18.82	0.00	81.18
MW - 5A	02/13/20	100.00	-	18.78	0.00	81.22
MW - 5A	02/20/20	100.00	-	18.90	0.00	81.10
MW - 5A	03/20/20	100.00	-	18.74	0.00	81.26
MW - 5A	05/11/20	100.00	-	18.53	0.00	81.47
MW - 5A	06/26/20	100.00	-	19.04	0.00	80.96
MW - 5A	08/28/20	100.00	-	19.47	0.00	80.53
MW - 5A	09/04/20	100.00	-	19.55	0.00	80.45
MW - 5A	09/15/20	100.00	-	19.58	0.00	80.42
MW - 5A	10/15/20	100.00	-	19.66	0.00	80.34
MW - 5A	10/29/20	100.00	-	19.71	0.00	80.29
MW - 5A	11/17/20	100.00	-	19.71	0.00	80.29
MW - 5A	12/23/20	100.00	-	19.71	0.00	80.29
MW - 5A	01/14/21	100.00	-	19.69	0.00	80.31
MW - 5A	01/27/21	100.00	-	19.62	0.00	80.38
MW - 5A	02/25/21	100.00	-	19.55	0.00	80.45
MW - 5A	03/18/21	100.00	-	19.54	0.00	80.46
MW - 5A	04/12/21	100.00	-	19.50	0.00	80.50
MW - 5A	04/27/21	100.00	-	19.46	0.00	80.54
MW - 5A	06/02/21	100.00	-	19.41	0.00	80.59
MW - 5A	07/06/21	100.00	-	19.68	0.00	80.32
MW - 5A	07/16/21	100.00	-	19.58	0.00	80.42
MW - 5A	08/18/21	100.00	-	19.66	0.00	80.34
MW - 5A	09/02/21	100.00	-	19.72	0.00	80.28
MW - 5A	09/21/21	100.00	-	19.74	0.00	80.26
MW - 5A	10/06/21	100.00	-	19.77	0.00	80.23
MW - 5A	10/15/21	100.00	-	19.81	0.00	80.19
MW - 5A	11/09/21	100.00	-	19.82	0.00	80.18
MW - 5A	11/19/21	100.00	-	19.83	0.00	80.17
MW - 5A	12/28/21	100.00	-	19.85	0.00	80.15
MW - 5A	01/07/22	100.00	-	19.82	0.00	80.18
MW - 5A	02/07/22	100.00	-	19.79	0.00	80.21
MW - 5A	03/11/22	100.00	-	19.79	0.00	80.21
MW - 5A	04/05/22	100.00	-	19.76	0.00	80.24
MW - 5A	04/21/22	100.00	-	19.72	0.00	80.28
MW - 5A	06/16/22	100.00	-	20.00	0.00	80.00
MW - 5A	06/24/22	100.00	-	20.07	0.00	79.93
MW - 5A	07/22/22	100.00	-	20.48	0.00	79.52

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	07/29/22	100.00	-	20.25	0.00	79.75
MW - 5A	08/26/22	100.00	-	20.40	0.00	79.60
MW - 5A	09/28/22	100.00	-	20.20	0.00	79.80
MW - 5A	10/13/22	100.00	-	20.32	0.00	79.68
MW - 5A	12/22/22	100.00	-	19.90	0.00	80.10
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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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				
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	02/23/18	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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 - 6A	01/09/20	100.00	-	21.57	0.00	78.43
MW - 6A	01/17/20	100.00	-	21.55	0.00	78.45
MW - 6A	01/21/20	100.00	-	21.55	0.00	78.45
MW - 6A	01/29/20	100.00	-	21.53	0.00	78.47
MW - 6A	02/13/20	100.00	-	21.51	0.00	78.49
MW - 6A	02/20/20	100.00	-	21.55	0.00	78.45
MW - 6A	03/04/20	100.00	-	21.49	0.00	78.51
MW - 6A	03/20/20	100.00	-	21.42	0.00	78.58

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	05/11/20	100.00	-	21.25	0.00	78.75
MW - 6A	06/26/20	100.00	-	21.67	0.00	78.33
MW - 6A	07/22/20	100.00	-	21.90	0.00	78.10
MW - 6A	08/28/20	100.00	-	22.11	0.00	77.89
MW - 6A	09/04/20	100.00	-	22.15	0.00	77.85
MW - 6A	09/15/20	100.00	-	22.19	0.00	77.81
MW - 6A	10/15/20	100.00	-	22.29	0.00	77.71
MW - 6A	10/29/20	100.00	-	22.34	0.00	77.66
MW - 6A	11/17/20	100.00	-	22.36	0.00	77.64
MW - 6A	11/30/20	100.00	-	22.38	0.00	77.62
MW - 6A	12/23/20	100.00	-	22.35	0.00	77.65
MW - 6A	01/14/21	100.00	-	22.34	0.00	77.66
MW - 6A	01/27/21	100.00	-	22.32	0.00	77.68
MW - 6A	02/25/21	100.00	-	22.24	0.00	77.76
MW - 6A	03/19/21	100.00	-	22.20	0.00	77.80
MW - 6A	04/12/21	100.00	-	22.16	0.00	77.84
MW - 6A	04/27/21	100.00	-	22.13	0.00	77.87
MW - 6A	05/21/21	100.00	-	22.04	0.00	77.96
MW - 6A	06/02/21	100.00	-	22.07	0.00	77.93
MW - 6A	07/06/21	100.00	-	22.33	0.00	77.67
MW - 6A	07/16/21	100.00	-	22.23	0.00	77.77
MW - 6A	08/18/21	100.00	-	22.34	0.00	77.66
MW - 6A	09/02/21	100.00	-	22.37	0.00	77.63
MW - 6A	09/21/21	100.00	-	22.40	0.00	77.60
MW - 6A	10/06/21	100.00	-	22.42	0.00	77.58
MW - 6A	10/15/21	100.00	-	22.45	0.00	77.55
MW - 6A	11/10/21	100.00	-	22.49	0.00	77.51
MW - 6A	11/19/21	100.00	-	22.51	0.00	77.49
MW - 6A	12/28/21	100.00	-	22.51	0.00	77.49
MW - 6A	01/07/22	100.00	-	22.49	0.00	77.51
MW - 6A	02/07/22	100.00	-	22.46	0.00	77.54
MW - 6A	03/11/22	100.00	-	22.44	0.00	77.56
MW - 6A	04/05/22	100.00	-	22.40	0.00	77.60
MW - 6A	04/21/22	100.00	-	22.41	0.00	77.59
MW - 6A	06/17/22	100.00	-	22.62	0.00	77.38
MW - 6A	06/24/22	100.00	-	22.66	0.00	77.34
MW - 6A	07/22/22	100.00	-	22.80	0.00	77.20
MW - 6A	07/29/22	100.00	-	22.84	0.00	77.16
MW - 6A	08/26/22	100.00	-	23.00	0.00	77.00
MW - 6A	09/28/22	100.00	-	22.85	0.00	77.15

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	10/13/22	100.00	-	22.92	0.00	77.08
MW - 6A	12/22/22	100.00	-	22.60	0.00	77.40
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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	11/29/07	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	05/14/13	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	11/06/15	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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	08/18/16	Plugged and Abandoned				
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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 - 7A	01/09/20	100.00	-	19.07	0.00	80.93
MW - 7A	01/21/20	100.00	-	19.03	0.00	80.97
MW - 7A	02/13/20	100.00	-	19.01	0.00	80.99
MW - 7A	03/20/20	100.00	-	18.82	0.00	81.18
MW - 7A	05/11/20	100.00	-	18.76	0.00	81.24

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	06/26/20	100.00	-	19.23	0.00	80.77
MW - 7A	07/22/20	100.00	-	19.44	0.00	80.56
MW - 7A	08/28/20	100.00	-	19.60	0.00	80.40
MW - 7A	09/15/20	100.00	-	19.68	0.00	80.32
MW - 7A	09/15/20	100.00	-	19.77	0.00	80.23
MW - 7A	10/29/20	100.00	-	19.80	0.00	80.20
MW - 7A	11/17/20	100.00	-	19.83	0.00	80.17
MW - 7A	11/30/20	100.00	-	19.85	0.00	80.15
MW - 7A	12/23/20	100.00	-	19.85	0.00	80.15
MW - 7A	01/14/21	100.00	-	19.83	0.00	80.17
MW - 7A	01/27/21	100.00	-	19.82	0.00	80.18
MW - 7A	03/18/21	100.00	-	19.72	0.00	80.28
MW - 7A	04/12/21	100.00	-	19.68	0.00	80.32
MW - 7A	04/27/21	100.00	-	19.66	0.00	80.34
MW - 7A	06/02/21	100.00	-	19.61	0.00	80.39
MW - 7A	05/21/21	100.00	-	19.58	0.00	80.42
MW - 7A	07/06/21	100.00	-	19.73	0.00	80.27
MW - 7A	07/16/21	100.00	-	19.69	0.00	80.31
MW - 7A	08/18/21	100.00	-	19.82	0.00	80.18
MW - 7A	09/02/21	100.00	-	19.82	0.00	80.18
MW - 7A	09/21/21	100.00	-	19.87	0.00	80.13
MW - 7A	10/06/21	100.00	-	19.90	0.00	80.10
MW - 7A	10/15/21	100.00	-	19.92	0.00	80.08
MW - 7A	11/10/21	100.00	-	19.97	0.00	80.03
MW - 7A	11/19/21	100.00	-	19.99	0.00	80.01
MW - 7A	12/28/21	100.00	-	20.02	0.00	79.98
MW - 7A	01/07/22	100.00	-	20.01	0.00	79.99
MW - 7A	02/07/22	100.00	-	19.99	0.00	80.01
MW - 7A	03/11/22	100.00	-	19.98	0.00	80.02
MW - 7A	04/05/22	100.00	-	19.95	0.00	80.05
MW - 7A	04/21/22	100.00	-	19.96	0.00	80.04
MW - 7A	06/17/22	100.00	-	20.13	0.00	79.87
MW - 7A	07/29/22	100.00	-	20.33	0.00	79.67
MW - 7A	08/26/22	100.00	-	20.47	0.00	79.53
MW - 7A	09/28/22	100.00	-	20.33	0.00	79.67
MW - 7A	10/13/22	100.00	-	20.38	0.00	79.62
MW - 7A	12/22/22	100.00	-	20.08	0.00	79.92
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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 - 8	01/21/20	3,513.26	-	22.99	0.00	3,490.27
MW - 8	02/13/20	3,513.26	-	22.95	0.00	3,490.31
MW - 8	05/11/20	3,513.26	-	22.69	0.00	3,490.57
MW - 8	06/26/20	3,513.26	-	23.14	0.00	3,490.12
MW - 8	07/22/20	3,513.26	-	23.37	0.00	3,489.89
MW - 8	08/28/20	3,513.26	-	23.60	0.00	3,489.66
MW - 8	09/15/20	3,513.26	-	23.67	0.00	3,489.59
MW - 8	10/29/20	3,513.26	-	23.81	0.00	3,489.45
MW - 8	11/17/20	3,513.26	-	23.84	0.00	3,489.42
MW - 8	12/23/20	3,513.26	-	23.79	0.00	3,489.47
MW - 8	01/27/21	3,513.26	-	23.73	0.00	3,489.53
MW - 8	03/18/21	3,513.26	-	23.62	0.00	3,489.64
MW - 8	04/12/21	3,513.26	-	23.56	0.00	3,489.70
MW - 8	06/01/21	3,513.26	-	23.48	0.00	3,489.78
MW - 8	07/06/21	3,513.26	-	23.79	0.00	3,489.47
MW - 8	09/01/21	3,513.26	-	23.86	0.00	3,489.40

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	10/06/21	3,513.26	-	23.92	0.00	3,489.34
MW - 8	11/09/21	3,513.26	-	23.97	0.00	3,489.29
MW - 8	01/07/22	3,513.26	-	23.94	0.00	3,489.32
MW - 8	02/07/22	3,513.26	-	23.89	0.00	3,489.37
MW - 8	03/11/22	3,513.26	-	23.86	0.00	3,489.40
MW - 8	04/05/22	3,513.26	-	23.82	0.00	3,489.44
MW - 8	06/16/22	3,513.26	-	24.10	0.00	3,489.16
MW - 8	07/28/22	3,513.26	-	24.33	0.00	3,488.93
MW - 8	12/21/22	3,513.26	-	24.03	0.00	3,489.23
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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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 - 9	01/21/20	100.00	-	20.15	0.00	79.85
MW - 9	02/13/20	100.00	-	20.12	0.00	79.88
MW - 9	05/11/20	100.00	-	19.87	0.00	80.13
MW - 9	06/26/20	100.00	-	20.33	0.00	79.67
MW - 9	07/22/20	100.00	-	20.55	0.00	79.45

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	08/28/20	100.00	-	20.75	0.00	79.25
MW - 9	09/15/20	100.00	-	20.81	0.00	79.19
MW - 9	10/29/20	100.00	-	20.94	0.00	79.06
MW - 9	11/17/20	100.00	-	20.97	0.00	79.03
MW - 9	12/23/20	100.00	-	20.99	0.00	79.01
MW - 9	01/27/21	100.00	-	20.95	0.00	79.05
MW - 9	03/18/21	100.00	-	20.86	0.00	79.14
MW - 9	04/12/21	100.00	-	20.86	0.00	79.14
MW - 9	06/02/21	100.00	-	20.75	0.00	79.25
MW - 9	07/06/21	100.00	-	20.87	0.00	79.13
MW - 9	07/16/21	100.00	-	20.83	0.00	79.17
MW - 9	08/18/21	100.00	-	20.97	0.00	79.03
MW - 9	09/02/21	100.00	-	20.98	0.00	79.02
MW - 9	10/06/21	100.00	-	21.05	0.00	78.95
MW - 9	10/15/21	100.00	-	21.05	0.00	78.95
MW - 9	11/09/21	100.00	-	21.11	0.00	78.89
MW - 9	11/19/21	100.00	-	21.14	0.00	78.86
MW - 9	12/28/21	100.00	-	21.17	0.00	78.83
MW - 9	01/07/22	100.00	-	21.17	0.00	78.83
MW - 9	02/07/22	100.00	-	21.14	0.00	78.86
MW - 9	03/11/22	100.00	-	21.14	0.00	78.86
MW - 9	04/05/22	100.00	-	21.11	0.00	78.89
MW - 9	06/16/22	100.00	-	21.29	0.00	78.71
MW - 9	07/29/22	100.00	-	21.51	0.00	78.49
MW - 9	12/22/22	100.00	-	21.22	0.00	78.78
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	02/26/08	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	05/29/13	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	05/06/14	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
MW-10	11/12/15	3,507.79	-	18.57	0.00	3,489.22

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	11/09/17	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	01/02/19	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-10	01/09/20	3,507.79	-	18.47	0.00	3,489.32
MW-10	01/21/20	3,507.79	-	18.45	0.00	3,489.34
MW-10	02/13/20	3,507.79	-	18.43	0.00	3,489.36
MW-10	03/20/20	3,507.79	-	18.23	0.00	3,489.56
MW-10	05/11/20	3,507.79	-	18.19	0.00	3,489.60
MW-10	06/26/20	3,507.79	-	18.70	0.00	3,489.09
MW-10	07/22/20	3,507.79	-	18.91	0.00	3,488.88
MW-10	08/28/20	3,507.79	-	19.09	0.00	3,488.70
MW-10	09/04/20	3,507.79	-	19.12	0.00	3,488.67
MW-10	09/15/20	3,507.79	-	19.15	0.00	3,488.64
MW-10	10/15/20	3,507.79	-	19.23	0.00	3,488.56
MW-10	10/29/20	3,507.79	-	19.27	0.00	3,488.52
MW-10	11/17/20	3,507.79	-	19.27	0.00	3,488.52
MW-10	12/23/20	3,507.79	-	19.31	0.00	3,488.48
MW-10	01/14/21	3,507.79	-	19.28	0.00	3,488.51

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	01/27/21	3,507.79	-	19.28	0.00	3,488.51
MW-10	03/18/21	3,507.79	-	19.16	0.00	3,488.63
MW-10	04/12/21	3,507.79	-	19.14	0.00	3,488.65
MW-10	04/27/21	3,507.79	-	19.12	0.00	3,488.67
MW-10	06/02/21	3,507.79	-	19.10	0.00	3,488.69
MW-10	07/06/21	3,507.79	-	19.16	0.00	3,488.63
MW-10	07/16/21	3,507.79	-	19.12	0.00	3,488.67
MW-10	08/18/21	3,507.79	-	19.29	0.00	3,488.50
MW-10	09/02/21	3,507.79	-	19.31	0.00	3,488.48
MW-10	10/06/21	3,507.79	-	19.35	0.00	3,488.44
MW-10	10/15/21	3,507.79	-	19.36	0.00	3,488.43
MW-10	11/09/21	3,507.79	-	19.41	0.00	3,488.38
MW-10	11/19/21	3,507.79	-	19.44	0.00	3,488.35
MW-10	12/28/21	3,507.79	-	19.46	0.00	3,488.33
MW-10	01/07/22	3,507.79	-	19.44	0.00	3,488.35
MW-10	02/07/22	3,507.79	-	19.42	0.00	3,488.37
MW-10	03/11/22	3,507.79	-	19.40	0.00	3,488.39
MW-10	04/05/22	3,507.79	-	19.38	0.00	3,488.41
MW-10	04/21/22	3,507.79	-	19.40	0.00	3,488.39
MW-10	06/17/22	3,507.79	-	19.60	0.00	3,488.19
MW-10	06/24/22	3,507.79	-	19.65	0.00	3,488.14
MW-10	07/22/22	3,507.79	-	19.79	0.00	3,488.00
MW-10	07/29/22	3,507.79	-	19.84	0.00	3,487.95
MW-10	08/26/22	3,507.79	-	19.94	0.00	3,487.85
MW-10	12/22/22	3,507.79	-	19.50	0.00	3,488.29
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	-

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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 - 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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	08/24/16	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
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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 - 11A	01/21/20	3,509.52	-	20.98	0.00	3,488.54
MW - 11A	02/13/20	3,509.52	-	20.95	0.00	3,488.57
MW - 11A	05/11/20	3,509.52	-	20.75	0.00	3,488.77
MW - 11A	06/26/20	3,509.52	-	21.31	0.00	3,488.21
MW - 11A	07/22/20	3,509.52	-	21.51	0.00	3,488.01
MW - 11A	08/28/20	3,509.52	-	21.64	0.00	3,487.88
MW - 11A	09/15/20	3,509.52	-	21.67	0.00	3,487.85
MW - 11A	10/29/20	3,509.52	-	21.78	0.00	3,487.74
MW - 11A	11/17/20	3,509.52	-	21.79	0.00	3,487.73
MW - 11A	12/23/20	3,509.52	-	21.79	0.00	3,487.73
MW - 11A	01/27/21	3,509.52	-	21.77	0.00	3,487.75
MW - 11A	03/18/21	3,509.52	-	21.68	0.00	3,487.84
MW - 11A	04/12/21	3,509.52	-	21.66	0.00	3,487.86
MW - 11A	06/02/21	3,509.52	-	21.65	0.00	3,487.87
MW - 11A	07/06/21	3,509.52	-	21.76	0.00	3,487.76
MW - 11A	09/02/21	3,509.52	-	21.89	0.00	3,487.63
MW - 11A	10/15/21	3,509.52	-	21.96	0.00	3,487.56
MW - 11A	11/09/21	3,509.52	-	22.01	0.00	3,487.51
MW - 11A	01/07/22	3,509.52	-	22.00	0.00	3,487.52
MW - 11A	02/07/22	3,509.52	-	21.98	0.00	3,487.54
MW - 11A	03/11/22	3,509.52	-	21.98	0.00	3,487.54
MW - 11A	04/05/22	3,509.52	-	21.96	0.00	3,487.56
MW - 11A	06/16/22	3,509.52	-	22.21	0.00	3,487.31
MW - 11A	07/28/22	3,509.52	-	22.49	0.00	3,487.03
MW - 11A	12/22/22	3,509.52	-	22.05	0.00	3,487.47
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

TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
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

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TABLE 4

Historical Ground Water Elevation Data

Plains Marketing, L.P.
Junction 34 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	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
MW - 12	02/13/20	3,508.49	-	19.64	0.00	3,488.85
MW - 12	05/11/20	3,508.49	-	19.41	0.00	3,489.08
MW - 12	06/26/20	3,508.49	-	19.94	0.00	3,488.55
MW - 12	07/22/20	3,508.49	-	20.16	0.00	3,488.33
MW - 12	08/28/20	3,508.49	-	20.32	0.00	3,488.17
MW - 12	09/15/20	3,508.49	-	20.37	0.00	3,488.12
MW - 12	10/29/20	3,508.49	-	20.49	0.00	3,488.00
MW - 12	11/17/20	3,508.49	-	20.50	0.00	3,487.99
MW - 12	12/23/20	3,508.49	-	20.51	0.00	3,487.98
MW - 12	01/27/21	3,508.49	-	20.47	0.00	3,488.02
MW - 12	03/18/21	3,508.49	-	20.39	0.00	3,488.10
MW - 12	04/12/21	3,508.49	-	20.36	0.00	3,488.13
MW - 12	06/02/21	3,508.49	-	20.33	0.00	3,488.16
MW - 12	07/06/21	3,508.49	-	20.44	0.00	3,488.05
MW - 12	09/02/21	3,508.49	-	20.57	0.00	3,487.92
MW - 12	10/15/21	3,508.49	-	20.63	0.00	3,487.86
MW - 12	11/09/21	3,508.49	-	20.68	0.00	3,487.81
MW - 12	01/07/22	3,508.49	-	20.71	0.00	3,487.78
MW - 12	02/07/22	3,508.49	-	20.69	0.00	3,487.80
MW - 12	03/11/22	3,508.49	-	20.70	0.00	3,487.79
MW - 12	04/05/22	3,508.49	-	20.66	0.00	3,487.83
MW - 12	06/16/22	3,508.49	-	20.90	0.00	3,487.59
MW - 12	07/28/22	3,508.49	-	21.15	0.00	3,487.34
MW - 12	12/21/22	3,508.49	-	20.75	0.00	3,487.74

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

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TABLE 4
Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
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*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 dry and was unable to sample the 2nd, 3rd, and 4th quarters.

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 JUNCTION 34 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	02/27/03	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 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 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 - 1	02/13/20	0.195	0.00206	0.105	0.0623	
MW - 1	06/26/20	0.160	<0.00500	0.103	0.05611	
MW - 1	09/15/20	0.154	0.00469	0.107	0.05028	
MW - 1	11/17/20	0.162	0.00565	0.108	0.0299	
MW - 1	03/19/21	0.245	0.00526	0.0721	0.0585	
MW - 1	06/02/21	0.201	<0.00100	0.0639	0.0147	
MW - 1	09/02/21	0.211	0.00615	0.0587	0.02894	
MW - 1	11/10/21	0.242	0.00195	0.0530	0.0117	
MW - 1	02/08/22	0.251	0.00269	0.0448	0.00935	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 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	06/17/22	0.260	0.00285	0.0609	0.0109	
MW - 1	07/29/22	0.205	0.00162	0.0495	0.0137	
MW - 1	12/22/22	0.162	0.00150	0.0233	0.00986	
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	
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	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 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	02/13/12	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	
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 - 2	02/13/20	0.0231	<0.00100	0.00761	0.00640	
MW - 2	06/26/20	0.0275	<0.00500	0.00873	0.00398	
MW - 2	09/15/20	0.0237	0.00175	0.0143	0.00667	
MW - 2	11/17/20	0.0181	0.00206	0.00576	<0.00200	
MW - 2	03/19/21	0.00836	0.00168	0.00745	0.00946	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 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	06/02/21	0.0109	<0.00100	0.00253	<0.00200	
MW - 2	09/02/21	0.0498	0.00201	0.0466	0.0184	
MW - 2	11/09/21	0.0333	<0.00100	0.0374	0.00546	
MW - 2	02/08/22	0.00942	<0.00100	<0.00100	<0.00200	
MW - 2	06/16/22	0.0175	<0.00100	0.00147	<0.00200	
MW - 2	07/29/22	0.0128	<0.00100	0.0129	0.00403	
MW - 2	12/22/22	0.0127	<0.00100	0.00707	0.00398	
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				
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	

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TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 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	02/09/11	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	
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 - 3	02/13/20	0.216	0.00323	0.0220	0.0578	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 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	06/26/20	0.426	<0.00500	0.0204	0.06910	
MW - 3	09/15/20	0.900	0.00422	0.0246	0.0551	
MW - 3	11/17/20	0.462	0.00885	0.0101	0.0310	
MW - 3	03/19/21	0.495	0.0134	0.0219	0.09685	
MW - 3	06/02/21	0.498	0.00262	0.0204	0.0534	
MW - 3	09/02/21	0.306	0.00370	0.0135	0.0359	
MW - 3	11/10/21	0.333	0.00137	0.00453	0.0126	
MW - 3	02/08/22	0.840	0.00138	0.00619	0.0118	
MW - 3	06/17/22	1.33	0.00184	0.00596	0.0126	
MW - 3	07/29/22	0.664	0.00154	0.0201	0.0225	
MW - 3	12/22/22	1.23	0.00211	0.00248	0.0213	
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	
MW - 4	02/04/10	Not Sampled on Current Sample Schedule				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 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	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	
MW-4A	11/26/18	<0.00100	<0.0100	<0.00500	<0.0200	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 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	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-4A	02/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW-4A	06/26/20	<0.00100	<0.00500	0.00411	<0.00200	
MW-4A	09/15/20	<0.00100	0.00117	<0.00200	<0.00400	
MW-4A	11/17/20	0.00145	<0.00100	<0.00100	<0.00200	
MW-4A	03/18/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW-4A	06/02/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW-4A	09/02/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW-4A	11/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW-4A	02/08/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW-4A	06/16/22	0.00175	<0.00100	<0.00100	<0.00200	
MW-4A	07/29/22	0.00493	<0.00100	<0.00100	<0.00200	
MW-4A	12/22/22	0.00808	<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	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 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	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	
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	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 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 - 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 - 5A	02/13/20	0.00179	<0.00100	<0.00100	0.00280	
MW - 5A	06/26/20	<0.00100	<0.00500	<0.00100	<0.00200	
MW - 5A	09/15/20	0.00201	0.00257	0.00456	0.01020	
MW - 5A	11/17/20	0.00314	0.00313	0.00147	0.00349	
MW - 5A	03/18/21	0.00265	0.00424	0.00418	0.0398	
MW - 5A	06/02/21	<0.00100	<0.00100	<0.00100	0.00242	
MW - 5A	09/02/21	0.0577	0.00350	0.00452	0.00393	
MW - 5A	11/09/21	0.00236	0.00153	0.00174	0.00673	
MW - 5A	02/08/22	0.00180	<0.00100	<0.00100	<0.00200	
MW - 5A	06/16/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5A	07/29/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5A	12/22/22	<0.00100	0.00113	0.00227	0.00900	
MW - 6	05/25/04	0.6410	0.00533	0.1610	0.2007	
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	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 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	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	
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				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 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 - 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 - 6A	02/13/20	0.392	0.00304	0.241	0.152	
MW - 6A	06/26/20	0.853	0.00837	0.179	0.1732	
MW - 6A	09/15/20	0.678	0.00568	0.182	0.15429	
MW - 6A	11/17/20	0.764	0.00695	0.151	0.203	
MW - 6A	03/19/21	0.329	0.00915	0.115	0.23315	
MW - 6A	06/02/21	1.22	0.00306	0.125	0.159	
MW - 6A	09/02/21	0.725	0.00514	0.0752	0.145	
MW - 6A	11/10/21	2.07	0.00166	0.0382	0.142	
MW - 6A	02/08/22	1.29	0.00157	0.0632	0.130	
MW - 6A	06/17/22	1.25	0.00174	0.0431	0.0975	
MW - 6A	07/29/22	1.11	0.00186	0.155	0.132	
MW - 6A	12/22/22	0.923	0.00152	0.0270	0.103	
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	
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	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 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	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	
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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 JUNCTION 34 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	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 - 7A	02/13/20	0.962	0.00200	0.0292	0.0611	
MW - 7A	06/26/20	0.531	<0.0250	0.0187	0.03390	
MW - 7A	09/15/20	0.639	0.00541	0.0142	0.02936	
MW - 7A	11/17/20	0.395	0.00635	0.00835	0.01224	
MW - 7A	03/19/21	0.400	0.0466	0.0331	0.1390	
MW - 7A	06/02/21	0.357	0.00293	0.0159	0.0327	
MW - 7A	09/02/21	0.475	0.00870	0.0242	0.07135	
MW - 7A	11/10/21	0.377	<0.00500	0.00970	0.0206	
MW - 7A	02/08/22	0.477	0.00449	0.0111	0.03544	
MW - 7A	06/17/22	0.878	0.00203	0.0194	0.0499	
MW - 7A	07/29/22	0.774	0.00150	0.0218	0.0512	
MW - 7A	12/22/22	0.144	0.00101	0.00125	0.00645	
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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 JUNCTION 34 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	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				
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				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 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	08/24/16	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		
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 - 8	02/13/20	Not Sampled on Current Sample Schedule					
MW - 8	06/26/20	Not Sampled on Current Sample Schedule					
MW - 8	09/15/20	Not Sampled on Current Sample Schedule					
MW - 8	11/17/20	<0.00100	<0.00100	<0.00100	<0.00200		
MW - 8	03/18/21	Not Sampled on Current Sample Schedule					
MW - 8	06/02/21	Not Sampled on Current Sample Schedule					
MW - 8	09/02/21	Not Sampled on Current Sample Schedule					
MW - 8	11/09/21	<0.00100	<0.00100	<0.00100	<0.00200		
MW - 8	02/08/22	Not Sampled on Current Sample Schedule					
MW - 8	06/17/22	Not Sampled on Current Sample Schedule					
MW - 8	07/29/22	Not Sampled on Current Sample Schedule					
MW - 8	12/22/22	<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		

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 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	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	
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				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 JUNCTION 34 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	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 - 9	02/13/20	Not Sampled on Current Sample Schedule				
MW - 9	06/26/20	Not Sampled on Current Sample Schedule				
MW - 9	09/15/20	Not Sampled on Current Sample Schedule				
MW - 9	11/17/20	0.0103	<0.00100	<0.00100	<0.00200	
MW - 9	12/23/20	0.0112	<0.00100	<0.00100	<0.00200	
MW - 9	03/18/21	0.0151	<0.00100	<0.00100	<0.00200	
MW - 9	06/02/21	0.00535	<0.00100	<0.00100	<0.00200	
MW - 9	09/02/21	0.0146	<0.00100	<0.00100	<0.00200	
MW - 9	11/09/21	0.00395	<0.00100	<0.00100	<0.00200	
MW - 9	02/08/22	0.00184	<0.00100	<0.00100	<0.00200	
MW - 9	06/16/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	07/29/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	12/22/22	<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	
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	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
JUNCTION 34 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	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	
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	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 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	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 - 10	02/13/20	0.0513	<0.00100	0.00223	0.00426	
MW - 10	06/26/20	0.0472	<0.00500	0.00143	0.00348	
MW - 10	09/15/20	0.0365	0.00126	<0.00200	<0.00400	
MW - 10	11/17/20	0.0783	0.00121	<0.00100	0.00390	
MW - 10	03/19/21	0.0656	<0.00100	0.00220	0.0136	
MW - 10	06/02/21	0.120	<0.00100	<0.00100	0.0134	
MW - 10	09/02/21	0.135	0.00157	0.0152	0.0389	
MW - 10	11/09/21	0.150	<0.00100	0.00122	0.0151	
MW - 10	02/08/22	0.188	<0.00100	<0.00100	0.0156	
MW - 10	06/17/22	0.146	<0.00100	<0.00100	0.00774	
MW - 10	07/29/22	0.144	<0.00100	<0.00100	0.00967	
MW - 10	12/22/22	0.105	<0.00100	<0.00100	0.00267	
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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 JUNCTION 34 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 - 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
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 - 11A	02/13/20	0.00105	<0.00100	0.00188	<0.00200	
MW - 11A	06/26/20	<0.00100	<0.00500	<0.00100	<0.00200	
MW - 11A	09/15/20	<0.00100	<0.00100	<0.00200	<0.00400	
MW - 11A	11/17/20	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 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	03/18/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	06/02/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	09/02/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	11/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	02/08/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	06/16/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	07/28/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	12/22/22	<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	
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	
MW - 12	02/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	06/26/20	<0.00100	<0.00500	<0.00100	<0.00200	
MW - 12	09/15/20	<0.00100	<0.00100	<0.00200	<0.00400	
MW - 12	11/17/20	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 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	03/18/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	06/02/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	09/02/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	11/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	02/08/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	06/16/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	07/28/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	12/22/22	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 TO LEA STATION
LEA COUNTY, NEW MEXICO
NMOCDF 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	<0.0000721	<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-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	0.00060	<0.000099	0.00020	0.0056	<0.000099	0.0057	0.00017	0.115			0.0051
MW-1	11/17/20	<0.000096	0.00027	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	0.0028	<0.000096	0.0022	<0.000096	0.06633			0.0030
MW-1	11/10/21	0.0039	0.00090	<0.00010	0.00016	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0055	<0.00010	0.0038	<0.00010	0.0324			0.0052
MW-1	12/22/22	0.00053	0.0013	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0077	<0.00010	0.0081	<0.00010	0.0668			-
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-2	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/09/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	12/22/22	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 TO LEA STATION
LEA COUNTY, NEW MEXICO
NMOC D 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-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	
MW-3	11/21/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0245	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0179	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	
MW-3	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	0.00497	0.512	<0.000200	<0.000200	
MW-3	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	0.101	0.818	<0.000200	
MW-3	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-3	11/09/17	0.000580	0.000256	<0.000166	0.000366	<0.000166	<0.000166	<0.000166	<0.000166	<0.000166	<0.000166	0.000272	0.00299	<0.000166	0.00300	<0.000166	0.00658		0.00267		
MW-3	11/26/18	<0.00010	0.00043	0.00011	0.00014	<0.00010	<0.00010	<0.00010	<0.00010	0.00031	<0.00010	0.00024	0.0016	<0.00010	0.00230	0.00023	0.0417		0.0014		
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-3	11/17/20	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0013	<0.00010	0.00089	<0.00010	0.02504		0.0015		
MW-3	11/10/21	0.00075	<0.00010	<0.00010	0.00023	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00013	0.00076	<0.00010	0.0024	<0.00010	0.01536		0.00090		
MW-3	12/22/22	0.00020	0.00041	<0.00010	0.00098	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0025	<0.00010	0.0042	<0.00010	0.05192		-		
MW-4	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	0.0006	<0.0004	<0.0002	<0.0002	<0.0002	--	---	0.0007	
MW-4	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	0.00045	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.00035	
MW-4	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-4	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-4	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																			
MW-4	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																			
MW-4	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																			
MW-4	11/11/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-4	11/12/15	Not Sampled as part of Quarterly Monitoring Event.																			
MW-4	08/17/16	Plugged and Abandoned																			
MW-4A	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-4A	11/09/17	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	0.000510	<0.000165	0.000586	<0.000165	0.000699		0.00104		
MW-4A	11/26/18	Not Sampled as part of Quarterly Monitoring Event.																			
MW-4A	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																			
MW-4A	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-4A	11/09/21	Not Sampled as part of Quarterly Monitoring Event.																			

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	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-4A	12/22/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	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	0.0006	<0.0004	<0.0002	<0.0002	0.0059	---	---	0.0006
MW-5	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	0.000555	<0.000184	0.000788	<0.000184	<0.000184	0.0034	<0.000184	0.00086
MW-5	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-5	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/11/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/12/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	08/17/16	Plugged and Abandoned																		
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	<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	<0.000167	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-5A	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5A	11/09/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5A	12/22/22	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	<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	

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
JUNCTION 34 TO LEA STATION
LEA COUNTY, NEW MEXICO
NMOC D 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[fg,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-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-6A	11/17/20	0.00015	0.00019	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0021	<0.00010	0.0015	<0.00010	0.123			0.0020	
MW-6A	11/10/21	0.00070	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0017	<0.00010	0.0018	<0.00010	0.122			0.0018	
MW-6A	12/22/22	<0.00010	0.00021	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0023	<0.00010	0.0016	<0.00010	0.121			-	
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	<0.000200	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		
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-7A	11/17/20	0.00026	0.00019	0.00013	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	0.0027	<0.000099	0.0026	<0.000099	0.06153		0.0030		
MW-7A	11/10/21	0.0026	0.00064	<0.00010	0.00066	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0033	<0.00010	0.0035	<0.00010	0.0224		0.0029		
MW-7A	12/22/22	<0.00010	0.00074	0.00094	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0044	<0.00010	0.0054	<0.00010	0.0329		-		
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.																			

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
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L		0.03 mg/L	---
MW-8	11/09/17	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-8	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-8	11/09/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-8	12/22/22	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
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
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
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-9	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-9	11/09/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-9	12/22/22	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	<0.000185
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
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.																	
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.																	

TABLE 6

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

[illegible]

APPENDICES

APPENDIX A: 2022 Laboratory Analytical Reports

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



Analytical Report

Prepared for:

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Location: None Given
Lab Order Number: 2B11006



Current Certification

Report Date: 02/22/22

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

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW 4A	2B11006-01	Water	02/08/22 10:35	02-11-2022 09:42
MW 12	2B11006-02	Water	02/08/22 11:05	02-11-2022 09:42
MW 11A	2B11006-03	Water	02/08/22 11:23	02-11-2022 09:42
MW 5A	2B11006-04	Water	02/08/22 11:46	02-11-2022 09:42
MW 9	2B11006-05	Water	02/08/22 12:25	02-11-2022 09:42
MW 2	2B11006-06	Water	02/08/22 12:48	02-11-2022 09:42
MW 10	2B11006-07	Water	02/08/22 13:21	02-11-2022 09:42
MW 1	2B11006-08	Water	02/08/22 13:37	02-11-2022 09:42
MW 3	2B11006-09	Water	02/08/22 14:28	02-11-2022 09:42
MW 7A	2B11006-10	Water	02/08/22 15:03	02-11-2022 09:42
MW 6A	2B11006-11	Water	02/08/22 15:35	02-11-2022 09:42

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

MW 4A
2B11006-01 (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	P2B1401	02/14/22 09:39	02/14/22 20:12	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 20:12	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 20:12	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 20:12	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 20:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	93.5 %		80-120		P2B1401	02/14/22 09:39	02/14/22 20:12	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.7 %		80-120		P2B1401	02/14/22 09:39	02/14/22 20:12	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

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

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

MW 12
2B11006-02 (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	P2B1401	02/14/22 09:39	02/14/22 20:33	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 20:33	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 20:33	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 20:33	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 20:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	92.7 %		80-120		P2B1401	02/14/22 09:39	02/14/22 20:33	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.4 %		80-120		P2B1401	02/14/22 09:39	02/14/22 20:33	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

MW 11A
2B11006-03 (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	P2B1401	02/14/22 09:39	02/14/22 21:35	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 21:35	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 21:35	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 21:35	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 21:35	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	93.2 %		80-120		P2B1401	02/14/22 09:39	02/14/22 21:35	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.7 %		80-120		P2B1401	02/14/22 09:39	02/14/22 21:35	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

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

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

MW 5A
2B11006-04 (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	0.00180	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 21:55	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 21:55	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 21:55	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 21:55	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 21:55	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	101 %		80-120		P2B1401	02/14/22 09:39	02/14/22 21:55	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.9 %		80-120		P2B1401	02/14/22 09:39	02/14/22 21:55	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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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

MW 9**2B11006-05 (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	0.00184	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 22:15	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 22:15	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 22:15	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 22:15	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 22:15	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.2 %		80-120		P2B1401	02/14/22 09:39	02/14/22 22:15	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.2 %		80-120		P2B1401	02/14/22 09:39	02/14/22 22:15	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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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

MW 2**2B11006-06 (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	0.00942	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 22:36	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 22:36	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 22:36	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 22:36	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 22:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.6 %		80-120		P2B1401	02/14/22 09:39	02/14/22 22:36	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.1 %		80-120		P2B1401	02/14/22 09:39	02/14/22 22:36	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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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

MW 10**2B11006-07 (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	0.188	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 22:56	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 22:56	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 22:56	EPA 8021B	
Xylene (p/m)	0.0156	0.00200	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 22:56	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 22:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.2 %		80-120		P2B1401	02/14/22 09:39	02/14/22 22:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.7 %		80-120		P2B1401	02/14/22 09:39	02/14/22 22:56	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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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

MW 1
2B11006-08 (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	0.251	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 23:17	EPA 8021B	
Toluene	0.00269	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 23:17	EPA 8021B	
Ethylbenzene	0.0448	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 23:17	EPA 8021B	
Xylene (p/m)	0.00935	0.00200	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 23:17	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 23:17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.0 %		80-120		P2B1401	02/14/22 09:39	02/14/22 23:17	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.3 %		80-120		P2B1401	02/14/22 09:39	02/14/22 23:17	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

MW 3
2B11006-09 (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	0.840	0.00500	mg/L	5	P2B1401	02/14/22 09:39	02/15/22 11:05	EPA 8021B	
Toluene	0.00138	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 23:37	EPA 8021B	
Ethylbenzene	0.00619	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 23:37	EPA 8021B	
Xylene (p/m)	0.0118	0.00200	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 23:37	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/14/22 23:37	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	93.2 %		80-120		P2B1401	02/14/22 09:39	02/14/22 23:37	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.2 %		80-120		P2B1401	02/14/22 09:39	02/14/22 23:37	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

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

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

MW 7A
2B11006-10 (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	0.477	0.00500	mg/L	5	P2B1401	02/14/22 09:39	02/14/22 23:58	EPA 8021B	
Toluene	0.00449	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/15/22 11:26	EPA 8021B	
Ethylbenzene	0.0111	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/15/22 11:26	EPA 8021B	
Xylene (p/m)	0.0330	0.00200	mg/L	1	P2B1401	02/14/22 09:39	02/15/22 11:26	EPA 8021B	
Xylene (o)	0.00244	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/15/22 11:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	111 %		80-120		P2B1401	02/14/22 09:39	02/15/22 11:26	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	100 %		80-120		P2B1401	02/14/22 09:39	02/15/22 11:26	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

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

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

MW 6A
2B11006-11 (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

Benzene	1.29	0.00500	mg/L	5	P2B1401	02/14/22 09:39	02/15/22 11:47	EPA 8021B	
Toluene	0.00157	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/15/22 00:18	EPA 8021B	
Ethylbenzene	0.0632	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/15/22 00:18	EPA 8021B	
Xylene (p/m)	0.130	0.00200	mg/L	1	P2B1401	02/14/22 09:39	02/15/22 00:18	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2B1401	02/14/22 09:39	02/15/22 00:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	93.5 %		80-120		P2B1401	02/14/22 09:39	02/15/22 00:18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	100 %		80-120		P2B1401	02/14/22 09:39	02/15/22 00:18	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P2B1401 - General Preparation (GC)

Blank (P2B1401-BLK1)

Prepared & Analyzed: 02/14/22

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	0.116		"	0.120		96.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.8	80-120			

LCS (P2B1401-BS1)

Prepared & Analyzed: 02/14/22

Benzene	0.0913	0.00100	mg/L	0.100		91.3	80-120			
Toluene	0.0917	0.00100	"	0.100		91.7	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.199	0.00200	"	0.200		99.4	80-120			
Xylene (o)	0.0881	0.00100	"	0.100		88.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.0	80-120			

LCS Dup (P2B1401-BSD1)

Prepared & Analyzed: 02/14/22

Benzene	0.0931	0.00100	mg/L	0.100		93.1	80-120	1.93	20	
Toluene	0.0928	0.00100	"	0.100		92.8	80-120	1.26	20	
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120	1.84	20	
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120	1.69	20	
Xylene (o)	0.0901	0.00100	"	0.100		90.1	80-120	2.22	20	
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.6	80-120			

Calibration Blank (P2B1401-CCB1)

Prepared & Analyzed: 02/14/22

Benzene	0.120		mg/L							
Toluene	0.120		"							
Ethylbenzene	0.360		"							
Xylene (p/m)	0.620		"							
Xylene (o)	0.370		"							
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.2	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P2B1401 - General Preparation (GC)

Calibration Blank (P2B1401-CCB2)

Prepared & Analyzed: 02/14/22

Benzene	0.0800		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.270		"							
Xylene (p/m)	0.760		"							
Xylene (o)	0.310		"							
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		92.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.7	80-120			

Calibration Blank (P2B1401-CCB3)

Prepared: 02/14/22 Analyzed: 02/15/22

Benzene	0.120		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.300		"							
Xylene (p/m)	0.830		"							
Xylene (o)	0.420		"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		93.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.9	80-120			

Calibration Check (P2B1401-CCV1)

Prepared & Analyzed: 02/14/22

Benzene	0.0945	0.00100	mg/L	0.100		94.5	80-120			
Toluene	0.0937	0.00100	"	0.100		93.7	80-120			
Ethylbenzene	0.0952	0.00100	"	0.100		95.2	80-120			
Xylene (p/m)	0.198	0.00200	"	0.200		98.8	80-120			
Xylene (o)	0.0906	0.00100	"	0.100		90.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.1	80-120			

Calibration Check (P2B1401-CCV2)

Prepared & Analyzed: 02/14/22

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200		108	80-120			
Xylene (o)	0.0986	0.00100	"	0.100		98.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.0	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P2B1401 - General Preparation (GC)

Calibration Check (P2B1401-CCV3)

Prepared: 02/14/22 Analyzed: 02/15/22

Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.0968	0.00100	"	0.100		96.8	80-120			
Ethylbenzene	0.0992	0.00100	"	0.100		99.2	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.0944	0.00100	"	0.100		94.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

Matrix Spike (P2B1401-MS1)

Source: 2B11005-01

Prepared: 02/14/22 Analyzed: 02/15/22

Benzene	0.110	0.00100	mg/L	0.100	0.00191	108	80-120			
Toluene	0.104	0.00100	"	0.100	0.000850	103	80-120			
Ethylbenzene	0.114	0.00100	"	0.100	ND	114	80-120			
Xylene (p/m)	0.223	0.00200	"	0.200	ND	112	80-120			
Xylene (o)	0.100	0.00100	"	0.100	ND	100	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.2	80-120			

Matrix Spike Dup (P2B1401-MSD1)

Source: 2B11005-01

Prepared: 02/14/22 Analyzed: 02/15/22

Benzene	0.118	0.00100	mg/L	0.100	0.00191	116	80-120	7.42	20	
Toluene	0.112	0.00100	"	0.100	0.000850	111	80-120	7.43	20	
Ethylbenzene	0.121	0.00100	"	0.100	ND	121	80-120	6.20	20	QM-07
Xylene (p/m)	0.237	0.00200	"	0.200	ND	119	80-120	6.17	20	
Xylene (o)	0.107	0.00100	"	0.100	ND	107	80-120	6.95	20	
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.5	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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

Notes and Definitions

ROI Received on Ice

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

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

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

2/22/2022

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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

PB&LAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

L: _____ CH: _____

W: _____
Phone: 432-686-7235

Project Manager:

Company Name:

Company Address:

City/State/Zip:

Telephone No:

Sampler Signature:

(lab use only)

ORDER #: 2511006

e-mail: _____

Fax No: _____

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Project Name:

Project #:

Project Loc:

PO #:

Analyze For:

TCLP: _____
TOTAL: _____

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 6030 or BTEX 8260

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

Standard TAT

Special Instructions:

MW 6A

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

PBEL_COC_2021_1

Revision #: 2021_1

Effective Date: 9-27-21

Page 1 of 1

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on container(s)

Custody seals on container(s)

Custody seals on cooler(s)

Sample Hand Delivered

by Courier?

by Sampler/Client Rep.?

Temperature Upon Receipt:

Adjusted: _____

FedEx Loge Star



DOC #: PBEL_SAMPLE_CHECKLIST
REVISION #: PBEL_2021_1
REVISION Date: 10/30/2021
EFFECTIVE DATE: 10/30/2021

Sample Receipt Checklist

Yes	Notes
☒	Chain of custody signed/dated/time when relinquished and received?
☒	Sampler name present on COC?
☒	Sample containers intact?
☒	Proper seals intact on all sample bottles?
☒	Samples in proper container/bottle?
☒	All samples received within holding time?
☒	Analysis requested for all samples submitted?
☒	Custody seals intact on shipping container/cooler?

Login Notes:

HLV 2011004



DOC #: PBEL_SAMPLE_CHECKLIST
REVISION #: PBEL_2021_1
REVISION Date: 10/30/2021
EFFECTIVE DATE: 10/30/2021

SAMPLE VARIANCE/NON-CONFORMANCE

Variance/Discrepancy:

Resolution:

Client Contacted

Name:

Date/Time:

NC Initiated by:

Approved by:

**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: 2F21002



Current Certification

Report Date: 06/29/22

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

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW 4A	2F21002-01	Water	06/16/22 14:25	06-21-2022 09:30
MW 12	2F21002-02	Water	06/16/22 14:53	06-21-2022 09:30
MW 11A	2F21002-03	Water	06/16/22 15:11	06-21-2022 09:30
MW 5A	2F21002-04	Water	06/16/22 15:39	06-21-2022 09:30
MW 9	2F21002-05	Water	06/16/22 16:08	06-21-2022 09:30
MW 2	2F21002-06	Water	06/16/22 16:32	06-21-2022 09:30
MW 10	2F21002-07	Water	06/17/22 11:20	06-21-2022 09:30
MW 1	2F21002-08	Water	06/17/22 11:50	06-21-2022 09:30
MW 7A	2F21002-09	Water	06/17/22 12:28	06-21-2022 09:30
MW 3	2F21002-10	Water	06/17/22 12:50	06-21-2022 09:30
MW 6A	2F21002-11	Water	06/17/22 13:20	06-21-2022 09:30

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

MW 4A
2F21002-01 (Water)

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

Organics by GC

Benzene	0.00175	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/21/22 21:56	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/21/22 21:56	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/21/22 21:56	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2F2109	06/21/22 10:48	06/21/22 21:56	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/21/22 21:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	93.7 %		80-120		P2F2109	06/21/22 10:48	06/21/22 21:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.5 %		80-120		P2F2109	06/21/22 10:48	06/21/22 21:56	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

MW 12**2F21002-02 (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	P2F2109	06/21/22 10:48	06/21/22 22:18	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/21/22 22:18	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/21/22 22:18	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2F2109	06/21/22 10:48	06/21/22 22:18	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/21/22 22:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.4 %		80-120		P2F2109	06/21/22 10:48	06/21/22 22:18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.6 %		80-120		P2F2109	06/21/22 10:48	06/21/22 22:18	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

MW 11A
2F21002-03 (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	P2F2109	06/21/22 10:48	06/21/22 22:39	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/21/22 22:39	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/21/22 22:39	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2F2109	06/21/22 10:48	06/21/22 22:39	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/21/22 22:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	93.8 %		80-120		P2F2109	06/21/22 10:48	06/21/22 22:39	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.8 %		80-120		P2F2109	06/21/22 10:48	06/21/22 22:39	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

MW 5A
2F21002-04 (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	P2F2109	06/21/22 10:48	06/21/22 23:00	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/21/22 23:00	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/21/22 23:00	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2F2109	06/21/22 10:48	06/21/22 23:00	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/21/22 23:00	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.0 %		80-120		P2F2109	06/21/22 10:48	06/21/22 23:00	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.4 %		80-120		P2F2109	06/21/22 10:48	06/21/22 23:00	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

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

MW 9**2F21002-05 (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	P2F2109	06/21/22 10:48	06/22/22 09:06	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 09:06	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 09:06	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 09:06	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 09:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	14.4 %		80-120		P2F2109	06/21/22 10:48	06/22/22 09:06	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	81.7 %		80-120		P2F2109	06/21/22 10:48	06/22/22 09:06	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

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

MW 2
2F21002-06 (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	0.0175	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 10:39	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 10:39	EPA 8021B	
Ethylbenzene	0.00147	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 10:39	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 10:39	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 10:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	135 %		80-120		P2F2109	06/21/22 10:48	06/22/22 10:39	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	102 %		80-120		P2F2109	06/21/22 10:48	06/22/22 10:39	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea
10 Desta Dr STE 150E	Project Number: 2002-10286
Midland TX, 79705	Project Manager: Curt Stanley

MW 10
2F21002-07 (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	0.146	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 11:00	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 11:00	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 11:00	EPA 8021B	
Xylene (p/m)	0.00774	0.00200	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 11:00	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 11:00	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	92.1 %		80-120		P2F2109	06/21/22 10:48	06/22/22 11:00	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.3 %		80-120		P2F2109	06/21/22 10:48	06/22/22 11:00	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas	Project: 34 Junction to Lea
10 Desta Dr STE 150E	Project Number: 2002-10286
Midland TX, 79705	Project Manager: Curt Stanley

MW 1
2F21002-08 (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	0.260	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 11:21	EPA 8021B	
Toluene	0.00285	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 11:21	EPA 8021B	
Ethylbenzene	0.0609	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 11:21	EPA 8021B	
Xylene (p/m)	0.0109	0.00200	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 11:21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 11:21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.1 %	80-120			P2F2109	06/21/22 10:48	06/22/22 11:21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.2 %	80-120			P2F2109	06/21/22 10:48	06/22/22 11:21	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

MW 7A
2F21002-09 (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	0.878	0.00500	mg/L	5	P2F2109	06/21/22 10:48	06/22/22 11:42	EPA 8021B	
Toluene	0.00203	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 14:56	EPA 8021B	
Ethylbenzene	0.0194	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 14:56	EPA 8021B	
Xylene (p/m)	0.0499	0.00200	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 14:56	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 14:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	92.7 %	80-120			P2F2109	06/21/22 10:48	06/22/22 14:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	100 %	80-120			P2F2109	06/21/22 10:48	06/22/22 14:56	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

MW 3
2F21002-10 (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	1.33	0.00500	mg/L	5	P2F2109	06/21/22 10:48	06/22/22 12:47	EPA 8021B	
Toluene	0.00184	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 15:18	EPA 8021B	
Ethylbenzene	0.00596	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 15:18	EPA 8021B	
Xylene (p/m)	0.0126	0.00200	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 15:18	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 15:18	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>91.7 %</i>	<i>80-120</i>			<i>P2F2109</i>	<i>06/21/22 10:48</i>	<i>06/22/22 15:18</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>101 %</i>	<i>80-120</i>			<i>P2F2109</i>	<i>06/21/22 10:48</i>	<i>06/22/22 15:18</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
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Project: 34 Junction to Lea
Project Number: 2002-10286
Project Manager: Curt Stanley

MW 6A
2F21002-11 (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

Benzene	1.25	0.00500	mg/L	5	P2F2109	06/21/22 10:48	06/22/22 13:08	EPA 8021B	
Toluene	0.00174	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 15:39	EPA 8021B	
Ethylbenzene	0.0431	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 15:39	EPA 8021B	
Xylene (p/m)	0.0975	0.00200	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 15:39	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2F2109	06/21/22 10:48	06/22/22 15:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	92.8 %	80-120			P2F2109	06/21/22 10:48	06/22/22 15:39	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	102 %	80-120			P2F2109	06/21/22 10:48	06/22/22 15:39	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
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Midland TX, 79705

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P2F2109 - * DEFAULT PREP *****

Blank (P2F2109-BLK1)

Prepared & Analyzed: 06/21/22

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	0.114		"	0.120		95.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

LCS (P2F2109-BS1)

Prepared & Analyzed: 06/21/22

Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.8	80-120			

LCS Dup (P2F2109-BS1)

Prepared & Analyzed: 06/21/22

Benzene	0.110	0.00100	mg/L	0.100		110	80-120	8.55	20	
Toluene	0.114	0.00100	"	0.100		114	80-120	9.16	20	
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120	1.26	20	
Xylene (p/m)	0.237	0.00200	"	0.200		119	80-120	7.60	20	
Xylene (o)	0.119	0.00100	"	0.100		119	80-120	9.48	20	
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Calibration Blank (P2F2109-CCB1)

Prepared & Analyzed: 06/21/22

Benzene	0.270		ug/l							
Toluene	0.450		"							
Ethylbenzene	0.460		"							
Xylene (p/m)	0.980		"							
Xylene (o)	0.560		"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.0	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P2F2109 - * DEFAULT PREP *****

Calibration Blank (P2F2109-CCB2)

Prepared: 06/21/22 Analyzed: 06/22/22

Benzene	0.250		ug/l							
Toluene	0.410		"							
Ethylbenzene	0.330		"							
Xylene (p/m)	0.740		"							
Xylene (o)	0.380		"							
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		90.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

Calibration Blank (P2F2109-CCB3)

Prepared: 06/21/22 Analyzed: 06/22/22

Benzene	0.270		ug/l							
Toluene	0.160		"							
Ethylbenzene	0.400		"							
Xylene (p/m)	1.00		"							
Xylene (o)	0.530		"							
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		92.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.5	80-120			

Calibration Check (P2F2109-CCV1)

Prepared & Analyzed: 06/21/22

Benzene	0.106	0.00100	mg/L	0.102		104	80-120			
Toluene	0.110	0.00100	"	0.102		107	80-120			
Ethylbenzene	0.113	0.00100	"	0.102		110	80-120			
Xylene (p/m)	0.225	0.00200	"	0.204		110	80-120			
Xylene (o)	0.112	0.00100	"	0.102		110	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Calibration Check (P2F2109-CCV2)

Prepared: 06/21/22 Analyzed: 06/22/22

Benzene	0.105	0.00100	mg/L	0.102		103	80-120			
Toluene	0.105	0.00100	"	0.102		103	80-120			
Ethylbenzene	0.107	0.00100	"	0.102		105	80-120			
Xylene (p/m)	0.216	0.00200	"	0.204		106	80-120			
Xylene (o)	0.108	0.00100	"	0.102		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.9	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P2F2109 - * DEFAULT PREP *****

Calibration Check (P2F2109-CCV3)

Prepared: 06/21/22 Analyzed: 06/22/22

Benzene	0.108	0.00100	mg/L	0.102		106	80-120			
Toluene	0.109	0.00100	"	0.102		107	80-120			
Ethylbenzene	0.114	0.00100	"	0.102		111	80-120			
Xylene (p/m)	0.233	0.00200	"	0.204		114	80-120			
Xylene (o)	0.115	0.00100	"	0.102		113	80-120			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.7	80-120			

Matrix Spike (P2F2109-MS1)

Source: 2F21002-01

Prepared: 06/21/22 Analyzed: 06/22/22

Benzene	0.106	0.00100	mg/L	0.100	0.00175	104	80-120			
Toluene	0.103	0.00100	"	0.100	0.000930	102	80-120			
Ethylbenzene	0.113	0.00100	"	0.100	ND	113	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200	ND	105	80-120			
Xylene (o)	0.104	0.00100	"	0.100	ND	104	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.6	80-120			

Matrix Spike Dup (P2F2109-MSD1)

Source: 2F21002-01

Prepared: 06/21/22 Analyzed: 06/22/22

Benzene	0.112	0.00100	mg/L	0.100	0.00175	110	80-120	5.46	20	
Toluene	0.107	0.00100	"	0.100	0.000930	106	80-120	4.24	20	
Ethylbenzene	0.118	0.00100	"	0.100	ND	118	80-120	4.84	20	
Xylene (p/m)	0.221	0.00200	"	0.200	ND	110	80-120	4.65	20	
Xylene (o)	0.110	0.00100	"	0.100	ND	110	80-120	5.57	20	
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.4	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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

Notes and Definitions

ROI Received on Ice

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

BULK Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

6/29/2022

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, L.P.

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



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-661-4184

Page 1 of 1

Project Manager: Curt Stanley

Company Name TRC Environmental Corporation

Company Address: 10 Desta Drive, Suite 130E

City/State/Zip: Midland, TX 79705

Telephone No: 432-559-3296

Sampler Signature:

e-mail: cdstanley@trccompanies.com
cibrvant@paalb.com

khuddgens@paalp.com

(lab use only)

ORDER #: 2F21002

Report Format:

☒ Standard

☐ TRF

☐ NPDES

PO #

Project Loc: Lea County, NM

Project #: 2005-00138

Project Name: 34 Junction to Lea

Page 18 of 19

LAB # (lab use only)

ORDER #: 2F20002

client@paalp.com
khudgens@paalp.com

LAB # (lab use only)		FIELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers						Matrix	Analyze For:	
																TCLP:		
																TOTAL: X		
1	MMW-4A					6-16	1425		3	X		X						
2	MMW-12						1453		3	X	X	X						
3	MMW-11A						1511		3	X	X	X						
4	MMW-5A						1537		3	X	X	X						
5	MMW-9						1608		3	X	X	X						
6	MMW-2						1632		3	X	X	X						
7	MMW-10					6-17	1620		3	X	X	X						
8	MMW-1						1650		3	X	X	X						
9	MMW-7A						1728		3	X	X	X						
Special Instructions: Relinquished by: <i>anny</i> Date: <i>6-21-22</i> Time: <i>9:30</i> Received by: <i>James Blodau</i> Date: <i>6/1/22</i> Time: <i>9:30</i>																		
Laboratory Comments: Sample Containers Intact? ☒ Y ☐ N VOCs Free of Headspace? ☒ Y ☐ N Labels on Containers? ☒ Y ☐ N Custody seals on container(s)? ☒ Y ☐ N Custody seals on cooler(s)? ☒ Y ☐ N Sample Hand Delivered by Sampler/Client Rep? ☒ Y ☐ N Temperature Upon Receipt: <i>67.1</i> °C ☒ Y ☐ N Received: <i>6/1</i> ☒ Y ☐ N Adjusted: <i>67.1</i> °C Factor <i>1.1</i> ☒ Y ☐ N																		
TPH by Method TX 1005 (Extend to C3) BTEX by Method 8021B																		
RUSH TAT (Pre-Schedule) 24, 48, 72 hrs Standard TAT																		

PBETLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-661-4184

Page 1 of 1

Project Manager: Curt StanleyCompany Name: TRC Environmental CorporationCompany Address: 10 Destia Drive, Suite 130ECity/State/Zip: Midland, TX 79705Telephone No.: 432-559-3296Sampler Signature: [Signature]e-mail: cdstanley@trccompanies.com
cliviant@paalp.com
khudgens@paalp.com

Fax No.: _____

Report Format: ☒ Standard☐ TRRP☐ NPDESProject Name: 34 Junction to LeaProject #: 2005-00138Project Loc: Lea County, NM

PO #: _____

(lab use only)

ORDER #: 2521002

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Preservation & # of Containers

Matrix

DW=Drinking Water SL=Sludge
GW = Groundwater S=Soil/Solid
NP=Non-Potable Specify Other

Analyze For:

TC: P

TOTAL: X

TPH by Method TX 1005 (Extend to C3)

BTEX by Method 8021B

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

Standard TAT

Special Instructions:

Surrendered by:

Date

Time

Received by:

Date

Time

Surrendered by:

Date

Time

Received by:

Date

Time

Surrendered by:

Date

Time

Received by: PBEI

Date

Time

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on container(s) intact?

Custody seals on container(s) intact?

Sample Hand Delivered by Courier?

Temperature Upon Receipt:

Adjusted:

Y

Y

Y

Y

Y

Y

Y

N

N

N

N

N

N

N

N

N

N

N

N

N

N

**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: 2H03012



Current Certification

Report Date: 08/12/22

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

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW 12	2H03012-01	Water	07/28/22 15:38	08-03-2022 08:47
MW 11A	2H03012-02	Water	07/28/22 16:07	08-03-2022 08:47
MW 5A	2H03012-03	Water	07/29/22 10:47	08-03-2022 08:47
MW 9	2H03012-04	Water	07/29/22 11:21	08-03-2022 08:47
MW 4A	2H03012-05	Water	07/29/22 11:45	08-03-2022 08:47
MW 2	2H03012-06	Water	07/29/22 12:09	08-03-2022 08:47
MW 10	2H03012-07	Water	07/29/22 12:31	08-03-2022 08:47
MW 1	2H03012-08	Water	07/29/22 12:49	08-03-2022 08:47
MW 7A	2H03012-09	Water	07/29/22 13:16	08-03-2022 08:47
MW 6A	2H03012-10	Water	07/29/22 13:35	08-03-2022 08:47
MW 3	2H03012-11	Water	07/29/22 13:58	08-03-2022 08:47

Ethylbenzene, M-P Xylenes, and O-Xylene were detected at the reporting limit in the Method Blank. After review of the data, there seems to be minimal effect to the data.

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

MW 12
2H03012-01 (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	P2H0505	08/05/22 12:59	08/05/22 20:04	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 20:04	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 20:04	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 20:04	EPA 8021B	B
Xylene (o)	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 20:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	108 %		80-120		P2H0505	08/05/22 12:59	08/05/22 20:04	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.1 %		80-120		P2H0505	08/05/22 12:59	08/05/22 20:04	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

MW 11A
2H03012-02 (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	P2H0505	08/05/22 12:59	08/05/22 20:26	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 20:26	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 20:26	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 20:26	EPA 8021B	B
Xylene (o)	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 20:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	105 %		80-120		P2H0505	08/05/22 12:59	08/05/22 20:26	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.8 %		80-120		P2H0505	08/05/22 12:59	08/05/22 20:26	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

MW 5A
2H03012-03 (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	P2H0505	08/05/22 12:59	08/05/22 20:47	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 20:47	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 20:47	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 20:47	EPA 8021B	B
Xylene (o)	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 20:47	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	103 %		80-120		P2H0505	08/05/22 12:59	08/05/22 20:47	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.8 %		80-120		P2H0505	08/05/22 12:59	08/05/22 20:47	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas	Project: 34 Junction to Lea
10 Desta Dr STE 150E	Project Number: 2002-10286
Midland TX, 79705	Project Manager: Curt Stanley

MW 9
2H03012-04 (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	P2H0505	08/05/22 12:59	08/05/22 21:08	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 21:08	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 21:08	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 21:08	EPA 8021B	B
Xylene (o)	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 21:08	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	105 %		80-120		P2H0505	08/05/22 12:59	08/05/22 21:08	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.8 %		80-120		P2H0505	08/05/22 12:59	08/05/22 21:08	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

MW 4A
2H03012-05 (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	0.00493	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 21:29	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 21:29	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 21:29	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 21:29	EPA 8021B	B
Xylene (o)	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 21:29	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	105 %		80-120		P2H0505	08/05/22 12:59	08/05/22 21:29	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.9 %		80-120		P2H0505	08/05/22 12:59	08/05/22 21:29	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

MW 2**2H03012-06 (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	0.0128	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 21:51	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 21:51	EPA 8021B	
Ethylbenzene	0.0129	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 21:51	EPA 8021B	
Xylene (p/m)	0.00403	0.00200	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 21:51	EPA 8021B	B
Xylene (o)	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 21:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	107 %	80-120			P2H0505	08/05/22 12:59	08/05/22 21:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.8 %	80-120			P2H0505	08/05/22 12:59	08/05/22 21:51	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

MW 10
2H03012-07 (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	0.144	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 22:54	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 22:54	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 22:54	EPA 8021B	
Xylene (p/m)	0.00967	0.00200	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 22:54	EPA 8021B	B
Xylene (o)	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 22:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	102 %		80-120		P2H0505	08/05/22 12:59	08/05/22 22:54	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	100 %		80-120		P2H0505	08/05/22 12:59	08/05/22 22:54	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

MW 1
2H03012-08 (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	0.205	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 23:15	EPA 8021B	
Toluene	0.00162	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 23:15	EPA 8021B	
Ethylbenzene	0.0495	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 23:15	EPA 8021B	
Xylene (p/m)	0.0137	0.00200	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 23:15	EPA 8021B	B
Xylene (o)	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/05/22 23:15	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	106 %	80-120			P2H0505	08/05/22 12:59	08/05/22 23:15	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.5 %	80-120			P2H0505	08/05/22 12:59	08/05/22 23:15	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

MW 7A
2H03012-09 (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	0.774	0.00500	mg/L	5	P2H0505	08/05/22 12:59	08/05/22 23:36	EPA 8021B	
Toluene	0.00150	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/08/22 15:34	EPA 8021B	
Ethylbenzene	0.0218	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/08/22 15:34	EPA 8021B	
Xylene (p/m)	0.0512	0.00200	mg/L	1	P2H0505	08/05/22 12:59	08/08/22 15:34	EPA 8021B	B
Xylene (o)	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/08/22 15:34	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	128 %	80-120			P2H0505	08/05/22 12:59	08/08/22 15:34	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	89.9 %	80-120			P2H0505	08/05/22 12:59	08/08/22 15:34	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

MW 6A
2H03012-10 (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	1.11	0.00500	mg/L	5	P2H0505	08/05/22 12:59	08/05/22 23:57	EPA 8021B	
Toluene	0.00186	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/08/22 15:55	EPA 8021B	
Ethylbenzene	0.155	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/08/22 15:55	EPA 8021B	
Xylene (p/m)	0.132	0.00200	mg/L	1	P2H0505	08/05/22 12:59	08/08/22 15:55	EPA 8021B	B
Xylene (o)	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/08/22 15:55	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	131 %	80-120			P2H0505	08/05/22 12:59	08/08/22 15:55	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	87.7 %	80-120			P2H0505	08/05/22 12:59	08/08/22 15:55	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea
10 Desta Dr STE 150E	Project Number: 2002-10286
Midland TX, 79705	Project Manager: Curt Stanley

MW 3
2H03012-11 (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									
Benzene	0.664	0.00500	mg/L	5	P2H0505	08/05/22 12:59	08/06/22 00:19	EPA 8021B	
Toluene	0.00154	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/08/22 16:16	EPA 8021B	
Ethylbenzene	0.0201	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/08/22 16:16	EPA 8021B	
Xylene (p/m)	0.0225	0.00200	mg/L	1	P2H0505	08/05/22 12:59	08/08/22 16:16	EPA 8021B	B
Xylene (o)	ND	0.00100	mg/L	1	P2H0505	08/05/22 12:59	08/08/22 16:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	131 %	80-120			P2H0505	08/05/22 12:59	08/08/22 16:16	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	86.0 %	80-120			P2H0505	08/05/22 12:59	08/08/22 16:16	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

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

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P2H0505 - * DEFAULT PREP *****

Blank (P2H0505-BLK1)

Prepared & Analyzed: 08/05/22

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	0.00108	0.00100	"							B
Xylene (p/m)	0.00208	0.00200	"							B
Xylene (o)	0.00118	0.00100	"							B
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.7	80-120			

LCS (P2H0505-BS1)

Prepared & Analyzed: 08/05/22

Benzene	0.0977	0.00100	mg/L	0.100		97.7	80-120			
Toluene	0.0974	0.00100	"	0.100		97.4	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.0957	0.00100	"	0.100		95.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.127		"	0.120		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.5	80-120			

LCS Dup (P2H0505-BSD1)

Prepared & Analyzed: 08/05/22

Benzene	0.0998	0.00100	mg/L	0.100		99.8	80-120	2.10	20	
Toluene	0.0975	0.00100	"	0.100		97.5	80-120	0.113	20	
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120	1.33	20	
Xylene (p/m)	0.211	0.00200	"	0.200		106	80-120	0.917	20	
Xylene (o)	0.0958	0.00100	"	0.100		95.8	80-120	0.0418	20	
Surrogate: 4-Bromofluorobenzene	0.128		"	0.120		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.2	80-120			

Calibration Blank (P2H0505-CCB1)

Prepared & Analyzed: 08/05/22

Benzene	0.130		ug/l							
Toluene	0.590		"							
Ethylbenzene	0.910		"							
Xylene (p/m)	1.87		"							
Xylene (o)	0.990		"							
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.3	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P2H0505 - * DEFAULT PREP *****

Calibration Blank (P2H0505-CCB2)

Prepared & Analyzed: 08/05/22

Benzene	0.170		ug/l							
Toluene	0.300		"							
Ethylbenzene	0.880		"							
Xylene (p/m)	1.88		"							
Xylene (o)	1.21		"							B
Surrogate: 4-Bromofluorobenzene	0.128		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Calibration Check (P2H0505-CCV1)

Prepared & Analyzed: 08/05/22

Benzene	0.0982	0.00100	mg/L	0.102		96.3	80-120			
Toluene	0.102	0.00100	"	0.102		99.9	80-120			
Ethylbenzene	0.105	0.00100	"	0.102		103	80-120			
Xylene (p/m)	0.215	0.00200	"	0.204		105	80-120			
Xylene (o)	0.104	0.00100	"	0.102		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.9	80-120			

Calibration Check (P2H0505-CCV2)

Prepared & Analyzed: 08/05/22

Benzene	0.101	0.00100	mg/L	0.102		99.0	80-120			
Toluene	0.101	0.00100	"	0.102		99.5	80-120			
Ethylbenzene	0.105	0.00100	"	0.102		103	80-120			
Xylene (p/m)	0.221	0.00200	"	0.204		108	80-120			
Xylene (o)	0.105	0.00100	"	0.102		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.1	80-120			

Calibration Check (P2H0505-CCV3)

Prepared: 08/05/22 Analyzed: 08/06/22

Benzene	0.102	0.00100	mg/L	0.102		100	80-120			
Toluene	0.106	0.00100	"	0.102		104	80-120			
Ethylbenzene	0.110	0.00100	"	0.102		108	80-120			
Xylene (p/m)	0.225	0.00200	"	0.204		111	80-120			
Xylene (o)	0.108	0.00100	"	0.102		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.133		"	0.120		111	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.5	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P2H0505 - * DEFAULT PREP *****

Matrix Spike (P2H0505-MS1)		Source: 2G28009-01		Prepared: 08/05/22 Analyzed: 08/06/22						
Benzene	0.119	0.00100	mg/L	0.100	0.00465	114	80-120			
Toluene	0.107	0.00100	"	0.100	0.00311	104	80-120			
Ethylbenzene	0.100	0.00100	"	0.100	ND	100	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200	0.00157	95.7	80-120			
Xylene (o)	0.110	0.00100	"	0.100	0.000610	109	80-120			
Surrogate: 4-Bromofluorobenzene	0.133		"	0.120		110	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		102	80-120			
Matrix Spike Dup (P2H0505-MSD1)		Source: 2G28009-01		Prepared: 08/05/22 Analyzed: 08/06/22						
Benzene	0.115	0.00100	mg/L	0.100	0.00465	111	80-120	3.22	20	
Toluene	0.0977	0.00100	"	0.100	0.00311	94.6	80-120	9.76	20	
Ethylbenzene	0.101	0.00100	"	0.100	ND	101	80-120	0.489	20	
Xylene (p/m)	0.193	0.00200	"	0.200	0.00157	95.8	80-120	0.120	20	
Xylene (o)	0.0886	0.00100	"	0.100	0.000610	88.0	80-120	21.2	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.131		"	0.120		109	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.1	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

Notes and Definitions

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

ROI Received on Ice

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

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

BULK Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range

B Analyte is found in the associated blank as well as in the sample (CLP B-flag).

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

8/12/2022

Brent Barron, Laboratory Director/Technical Director

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

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

PBRI LAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L:

MW

CH:

W:

1 of 2

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

Phone: 432-686-7235

Page 19 of 20

Project Manager:

Company Name:

Company Address:

City/State/Zip:

Telephone No:

Sampler Signature:

(lab use only)

e-mail:

Report Format: ☒ Standard☐ TRRP☐ NPDES

ORDER #: 2H03012

Analyze For:

Preservation & # of Containers

Matrix

TCLP:

TOTAL:

AB # (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

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

Standard TAT

Special Instructions:

Relinquished by:

Relinquished by:

Relinquished by:

Date

Time

Received by:

Date

Time

Received by:

Date

Time

Received by PBEL:

Manny

8-3-22

0840

Date

Time

Date

Time

Date

Time

Date

Time

Date

Time

Date

Time

Date

Time

Date

Time

Date

Time

Date

Time

Date

Time

Date

Time

Date

Time

Date

Time

Date

Time

PBEL_COC_2021_1

Revision #: 2021_1

Effective Date: 9-21-21

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on container(s)

Custody seals on container(s)

Sample Hand Delivered

by Sampler/Client Rep.?

Temperature Upon Receipt:

°C Thermometer:

Adjusted:

N

N

N

N

N

N

N

N

N

N

PBETLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

CH: _____
W: _____
Phone: 432-686-7235

Project Manager:

Curt Stanley

Project Name:

345 Lea

Company Name:

TRC

Project #:

Company Address:

10 Dests Dr

Project Loc:

City/State/Zip:

Midland

PO #:

Telephone No:

432-520-7720

Fax No:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature:

M. Off...

e-mail:

ORDER #: 2403012

(lab use only)

Analyze For:

Preservation & # of Containers

Matrix

TOTAL:

LAB # (lab use only)

FIELD CODE

MW 3

Beginning Depth

Ending Depth

Date Sampled

7-29-22 1358

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

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

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 PBEL:

Date

Time

PBEL_COC_2021_1

Revision #: 2021_1

Effective Date: 9-21-21

Laboratory Comments:

Sample Containers Intact?

VOOCs Free of Headspace?

Labels on container(s)

Custody seals on container(s)

Custody seals on cooler(s)

Sample Hand Delivered

by Sampler/Client Rep.?

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:

°C Factor:

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



Analytical Report

Prepared for:

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Location: None Given
Lab Order Number: 2L23001



Current Certification

Report Date: 01/11/23

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

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-8	2L23001-01	Water	12/21/22 16:10	12-23-2022 09:30
MW-12	2L23001-02	Water	12/21/22 16:35	12-23-2022 09:30
MW-11A	2L23001-03	Water	12/22/22 10:48	12-23-2022 09:30
MW-5A	2L23001-04	Water	12/22/22 11:48	12-23-2022 09:30
MW-9	2L23001-05	Water	12/22/22 12:30	12-23-2022 09:30
MW-4A	2L23001-06	Water	12/22/22 13:10	12-23-2022 09:30
MW-2	2L23001-07	Water	12/22/22 13:47	12-23-2022 09:30
MW-10	2L23001-08	Water	12/22/22 14:15	12-23-2022 09:30
MW-1	2L23001-09	Water	12/22/22 14:40	12-23-2022 09:30
MW-3	2L23001-10	Water	12/22/22 15:25	12-23-2022 09:30
MW-7A	2L23001-11	Water	12/22/22 15:55	12-23-2022 09:30
MW-6A	2L23001-12	Water	12/22/22 16:35	12-23-2022 09:30

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

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

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

MW-8
2L23001-01 (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	P2L3004	12/30/22 09:41	12/30/22 18:11	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 18:11	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 18:11	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 18:11	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 18:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	111 %		80-120		P2L3004	12/30/22 09:41	12/30/22 18:11	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.4 %		80-120		P2L3004	12/30/22 09:41	12/30/22 18:11	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

MW-12**2L23001-02 (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	P2L3004	12/30/22 09:41	12/30/22 18:32	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 18:32	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 18:32	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 18:32	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 18:32	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	111 %		80-120		P2L3004	12/30/22 09:41	12/30/22 18:32	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.4 %		80-120		P2L3004	12/30/22 09:41	12/30/22 18:32	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

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

MW-11A
2L23001-03 (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	P2L3004	12/30/22 09:41	12/30/22 18:54	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 18:54	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 18:54	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 18:54	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 18:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	109 %		80-120		P2L3004	12/30/22 09:41	12/30/22 18:54	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.8 %		80-120		P2L3004	12/30/22 09:41	12/30/22 18:54	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

MW-5A
2L23001-04 (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	P2L3004	12/30/22 09:41	12/30/22 19:15	EPA 8021B	
Toluene	0.00113	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 19:15	EPA 8021B	
Ethylbenzene	0.00227	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 19:15	EPA 8021B	
Xylene (p/m)	0.00598	0.00200	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 19:15	EPA 8021B	
Xylene (o)	0.00302	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 19:15	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	117 %		80-120		P2L3004	12/30/22 09:41	12/30/22 19:15	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	87.2 %		80-120		P2L3004	12/30/22 09:41	12/30/22 19:15	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas	Project: 34 Junction to Lea
10 Desta Dr STE 150E	Project Number: 2002-10286
Midland TX, 79705	Project Manager: Curt Stanley

MW-9
2L23001-05 (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	P2L3004	12/30/22 09:41	12/30/22 19:36	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 19:36	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 19:36	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 19:36	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 19:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	111 %		80-120		P2L3004	12/30/22 09:41	12/30/22 19:36	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.9 %		80-120		P2L3004	12/30/22 09:41	12/30/22 19:36	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

MW-4A
2L23001-06 (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	0.00808	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 19:58	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 19:58	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 19:58	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 19:58	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 19:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	103 %		80-120		P2L3004	12/30/22 09:41	12/30/22 19:58	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.8 %		80-120		P2L3004	12/30/22 09:41	12/30/22 19:58	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas	Project: 34 Junction to Lea
10 Desta Dr STE 150E	Project Number: 2002-10286
Midland TX, 79705	Project Manager: Curt Stanley

MW-2
2L23001-07 (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	0.0127	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 20:19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 20:19	EPA 8021B	
Ethylbenzene	0.00707	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 20:19	EPA 8021B	
Xylene (p/m)	0.00398	0.00200	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 20:19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 20:19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	103 %	80-120			P2L3004	12/30/22 09:41	12/30/22 20:19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.8 %	80-120			P2L3004	12/30/22 09:41	12/30/22 20:19	EPA 8021B	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea
10 Desta Dr STE 150E	Project Number: 2002-10286
Midland TX, 79705	Project Manager: Curt Stanley

MW-10
2L23001-08 (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	0.105	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 20:41	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 20:41	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 20:41	EPA 8021B	
Xylene (p/m)	0.00267	0.00200	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 20:41	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 20:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.4 %	80-120			P2L3004	12/30/22 09:41	12/30/22 20:41	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.4 %	80-120			P2L3004	12/30/22 09:41	12/30/22 20:41	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

MW-1
2L23001-09 (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	0.162	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 21:02	EPA 8021B	
Toluene	0.00150	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 21:02	EPA 8021B	
Ethylbenzene	0.0233	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 21:02	EPA 8021B	
Xylene (p/m)	0.00869	0.00200	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 21:02	EPA 8021B	
Xylene (o)	0.00117	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 21:02	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.0 %		80-120		P2L3004	12/30/22 09:41	12/30/22 21:02	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.4 %		80-120		P2L3004	12/30/22 09:41	12/30/22 21:02	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.064	0.0010	mg/L	10	P3A1001	12/28/22 12:00	01/08/23 14:43	8270C	SUB-13
2-Methylnaphthalene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:39	8270C	SUB-13
Acenaphthene	0.00053	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:39	8270C	SUB-13
Acenaphthylene	0.0013	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:39	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:39	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:39	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:39	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:39	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:39	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:39	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:39	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:39	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:39	8270C	SUB-13
Fluorene	0.0077	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:39	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:39	8270C	SUB-13
Naphthalene	0.0028	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:39	8270C	SUB-13
Phenanthrene	0.0081	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:39	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:39	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

MW-3
2L23001-10 (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	1.23	0.00500	mg/L	5	P2L3004	12/30/22 09:41	01/03/23 09:49	EPA 8021B	
Toluene	0.00211	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 21:23	EPA 8021B	
Ethylbenzene	0.00248	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 21:23	EPA 8021B	
Xylene (p/m)	0.0213	0.00200	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 21:23	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 21:23	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	89.7 %				P2L3004	12/30/22 09:41	12/30/22 21:23	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	101 %				P2L3004	12/30/22 09:41	12/30/22 21:23	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.051	0.0010	mg/L	10	P3A1001	12/28/22 12:00	01/08/23 15:03	8270C	SUB-13
2-Methylnaphthalene	0.00013	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:59	8270C	SUB-13
Acenaphthene	0.00020	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:59	8270C	SUB-13
Acenaphthylene	0.00041	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:59	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:59	8270C	SUB-13
Benzo (a) anthracene	0.00098	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:59	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:59	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:59	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:59	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:59	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:59	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:59	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:59	8270C	SUB-13
Fluorene	0.0025	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:59	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:59	8270C	SUB-13
Naphthalene	0.00079	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:59	8270C	SUB-13
Phenanthrene	0.0042	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:59	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 17:59	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

MW-7A
2L23001-11 (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

Benzene	0.144	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 22:27	EPA 8021B	
Toluene	0.00101	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 22:27	EPA 8021B	
Ethylbenzene	0.00125	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 22:27	EPA 8021B	
Xylene (p/m)	0.00645	0.00200	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 22:27	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 22:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.0 %	80-120			P2L3004	12/30/22 09:41	12/30/22 22:27	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.1 %	80-120			P2L3004	12/30/22 09:41	12/30/22 22:27	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.028	0.0010	mg/L	10	P3A1001	12/28/22 12:00	01/08/23 15:23	8270C	SUB-13
2-Methylnaphthalene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:19	8270C	SUB-13
Acenaphthene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:19	8270C	SUB-13
Acenaphthylene	0.00074	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:19	8270C	SUB-13
Anthracene	0.00094	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:19	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:19	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:19	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:19	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:19	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:19	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:19	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:19	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:19	8270C	SUB-13
Fluorene	0.0044	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:19	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:19	8270C	SUB-13
Naphthalene	0.0049	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:19	8270C	SUB-13
Phenanthrene	0.0054	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:19	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:19	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

MW-6A
2L23001-12 (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	0.923	0.00500	mg/L	5	P2L3004	12/30/22 09:41	01/03/23 10:10	EPA 8021B	
Toluene	0.00152	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 22:49	EPA 8021B	
Ethylbenzene	0.0270	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 22:49	EPA 8021B	
Xylene (p/m)	0.103	0.00200	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 22:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2L3004	12/30/22 09:41	12/30/22 22:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	89.6 %	80-120			P2L3004	12/30/22 09:41	12/30/22 22:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %	80-120			P2L3004	12/30/22 09:41	12/30/22 22:49	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.042	0.0010	mg/L	10	P3A1001	12/28/22 12:00	01/08/23 15:43	8270C	SUB-13
2-Methylnaphthalene	0.030	0.0010	mg/L	10	P3A1001	12/28/22 12:00	01/08/23 15:43	8270C	SUB-13
Acenaphthene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:40	8270C	SUB-13
Acenaphthylene	0.00021	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:40	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:40	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:40	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:40	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:40	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:40	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:40	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:40	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:40	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:40	8270C	SUB-13
Fluorene	0.0023	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:40	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:40	8270C	SUB-13
Naphthalene	0.049	0.0010	mg/L	10	P3A1001	12/28/22 12:00	01/08/23 15:43	8270C	SUB-13
Phenanthrene	0.0016	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:40	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P3A1001	12/28/22 12:00	01/06/23 18:40	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

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 P2L3004 - * DEFAULT PREP *****

Blank (P2L3004-BLK1)

Prepared & Analyzed: 12/30/22

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.134		"	0.120		111	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.5	80-120			

LCS (P2L3004-BS1)

Prepared & Analyzed: 12/30/22

Benzene	0.0856	0.00100	mg/L	0.100		85.6	80-120			
Toluene	0.0853	0.00100	"	0.100		85.3	80-120			
Ethylbenzene	0.0970	0.00100	"	0.100		97.0	80-120			
Xylene (p/m)	0.185	0.00200	"	0.200		92.7	80-120			
Xylene (o)	0.0811	0.00100	"	0.100		81.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.145		"	0.120		121	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

LCS Dup (P2L3004-BSD1)

Prepared & Analyzed: 12/30/22

Benzene	0.0988	0.00100	mg/L	0.100		98.8	80-120	14.3	20	
Toluene	0.0984	0.00100	"	0.100		98.4	80-120	14.3	20	
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120	13.9	20	
Xylene (p/m)	0.211	0.00200	"	0.200		105	80-120	12.9	20	
Xylene (o)	0.0898	0.00100	"	0.100		89.8	80-120	10.1	20	
Surrogate: 4-Bromofluorobenzene	0.137		"	0.120		114	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Calibration Blank (P2L3004-CCB1)

Prepared & Analyzed: 12/30/22

Benzene	0.0900		ug/l							
Toluene	0.410		"							
Ethylbenzene	0.400		"							
Xylene (p/m)	0.610		"							
Xylene (o)	0.350		"							
Surrogate: 4-Bromofluorobenzene	0.132		"	0.120		110	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		93.9	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

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 P2L3004 - * DEFAULT PREP *****

Calibration Blank (P2L3004-CCB2)

Prepared & Analyzed: 12/30/22

Benzene	0.380		ug/l							
Toluene	0.270		"							
Ethylbenzene	0.330		"							
Xylene (p/m)	0.790		"							
Xylene (o)	0.410		"							
Surrogate: 4-Bromofluorobenzene	0.127		"	0.120		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.6	80-120			

Calibration Check (P2L3004-CCV1)

Prepared & Analyzed: 12/30/22

Benzene	0.110	0.00100	mg/L	0.100		110	80-120			
Toluene	0.113	0.00100	"	0.100		113	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.240	0.00200	"	0.200		120	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.143		"	0.120		119	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.6	80-120			

Calibration Check (P2L3004-CCV2)

Prepared & Analyzed: 12/30/22

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.227	0.00200	"	0.200		113	80-120			
Xylene (o)	0.0974	0.00100	"	0.100		97.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.6	80-120			

Calibration Check (P2L3004-CCV3)

Prepared: 12/30/22 Analyzed: 12/31/22

Benzene	0.0946	0.00100	mg/L	0.100		94.6	80-120			
Toluene	0.0966	0.00100	"	0.100		96.6	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.0898	0.00100	"	0.100		89.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.1	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P2L3004 - * DEFAULT PREP *****

Matrix Spike (P2L3004-MS1)		Source: 2L23001-01		Prepared: 12/30/22 Analyzed: 12/31/22						
Benzene	0.0889	0.00100	mg/L	0.100	ND	88.9	80-120			
Toluene	0.0884	0.00100	"	0.100	ND	88.4	80-120			
Ethylbenzene	0.103	0.00100	"	0.100	ND	103	80-120			
Xylene (p/m)	0.196	0.00200	"	0.200	ND	97.9	80-120			
Xylene (o)	0.0815	0.00100	"	0.100	ND	81.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.9	80-120			

Matrix Spike Dup (P2L3004-MSD1)		Source: 2L23001-01		Prepared: 12/30/22 Analyzed: 12/31/22						
Benzene	0.0887	0.00100	mg/L	0.100	ND	88.7	80-120	0.214	20	
Toluene	0.0904	0.00100	"	0.100	ND	90.4	80-120	2.27	20	
Ethylbenzene	0.106	0.00100	"	0.100	ND	106	80-120	2.82	20	
Xylene (p/m)	0.201	0.00200	"	0.200	ND	100	80-120	2.51	20	
Xylene (o)	0.0835	0.00100	"	0.100	ND	83.5	80-120	2.35	20	
Surrogate: 4-Bromofluorobenzene	0.130		"	0.120		108	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.4	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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

Notes and Definitions

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

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

ROI Received on Ice

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

NPBEL C Chain of Custody was not generated at PBELAB

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

1/11/2023

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

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

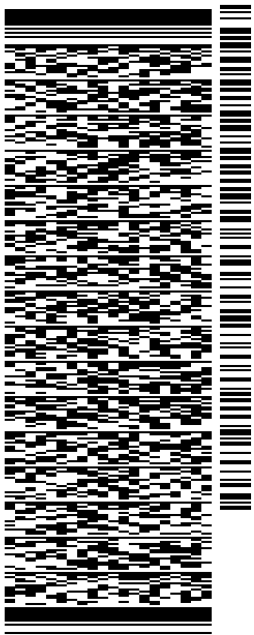
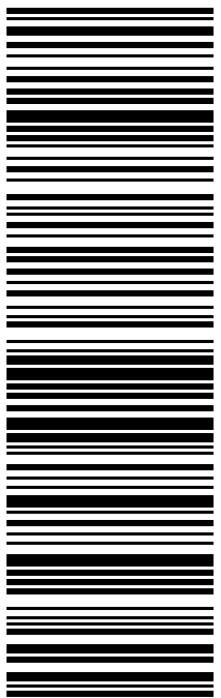
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TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

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

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T: +1 281 530 5656
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January 09, 2023

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

Work Order: **HS22121532**

Laboratory Results for: **2L23001**

Dear Brent Barron,

ALS Environmental received 4 sample(s) on Dec 28, 2022 for the analysis presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink that reads 'Anna M. Kinchen'.

Generated By: DAYNA.FISHER
Anna Kinchen
Project Manager

ALS Houston, US

Date: 09-Jan-23

Client: Permian Basin Environmental Lab, LP
Project: 2L23001
Work Order: HS22121532

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS22121532-01	2L23001-09	Water		22-Dec-2022 14:40	28-Dec-2022 09:45	☐
HS22121532-02	2L23001-10	Water		22-Dec-2022 15:25	28-Dec-2022 09:45	☐
HS22121532-03	2L23001-11	Water		22-Dec-2022 15:55	28-Dec-2022 09:45	☐
HS22121532-04	2L23001-12	Water		22-Dec-2022 16:35	28-Dec-2022 09:45	☐

ALS Houston, US

Date: 09-Jan-23

Client: Permian Basin Environmental Lab, LP
Project: 2L23001
Work Order: HS22121532

CASE NARRATIVE

GCMS Semivolatiles by Method SW8270

Batch ID: 187862

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

ALS Houston, US

Date: 09-Jan-23

Client: Permian Basin Environmental Lab, LP
 Project: 2L23001
 Sample ID: 2L23001-09
 Collection Date: 22-Dec-2022 14:40

ANALYTICAL REPORT

WorkOrder:HS22121532
 Lab ID:HS22121532-01
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 28-Dec-2022		Analyst: MBG
1-Methylnaphthalene	63.6	n	1.03	ug/L	10	08-Jan-2023 14:43
2-Methylnaphthalene	ND		0.103	ug/L	1	06-Jan-2023 17:39
Acenaphthene	0.528		0.103	ug/L	1	06-Jan-2023 17:39
Acenaphthylene	1.31		0.103	ug/L	1	06-Jan-2023 17:39
Anthracene	ND		0.103	ug/L	1	06-Jan-2023 17:39
Benz(a)anthracene	ND		0.103	ug/L	1	06-Jan-2023 17:39
Benzo(a)pyrene	ND		0.103	ug/L	1	06-Jan-2023 17:39
Benzo(b)fluoranthene	ND		0.103	ug/L	1	06-Jan-2023 17:39
Benzo(g,h,i)perylene	ND		0.103	ug/L	1	06-Jan-2023 17:39
Benzo(k)fluoranthene	ND		0.103	ug/L	1	06-Jan-2023 17:39
Chrysene	ND		0.103	ug/L	1	06-Jan-2023 17:39
Dibenz(a,h)anthracene	ND		0.103	ug/L	1	06-Jan-2023 17:39
Fluoranthene	ND		0.103	ug/L	1	06-Jan-2023 17:39
Fluorene	7.74		0.103	ug/L	1	06-Jan-2023 17:39
Indeno(1,2,3-cd)pyrene	ND		0.103	ug/L	1	06-Jan-2023 17:39
Naphthalene	2.77		0.103	ug/L	1	06-Jan-2023 17:39
Phenanthrene	8.10		0.103	ug/L	1	06-Jan-2023 17:39
Pyrene	ND		0.103	ug/L	1	06-Jan-2023 17:39
Surr: 2-Fluorobiphenyl	67.5		32-130	%REC	10	08-Jan-2023 14:43
Surr: 2-Fluorobiphenyl	103		32-130	%REC	1	06-Jan-2023 17:39
Surr: 4-Terphenyl-d14	97.5		40-135	%REC	1	06-Jan-2023 17:39
Surr: 4-Terphenyl-d14	83.9		40-135	%REC	10	08-Jan-2023 14:43
Surr: Nitrobenzene-d5	62.4		45-142	%REC	10	08-Jan-2023 14:43
Surr: Nitrobenzene-d5	70.8		45-142	%REC	1	06-Jan-2023 17:39

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

ALS Houston, US

Date: 09-Jan-23

Client: Permian Basin Environmental Lab, LP
 Project: 2L23001
 Sample ID: 2L23001-10
 Collection Date: 22-Dec-2022 15:25

ANALYTICAL REPORT

WorkOrder:HS22121532
 Lab ID:HS22121532-02
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 28-Dec-2022		Analyst: MBG
1-Methylnaphthalene	50.6	n	1.02	ug/L	10	08-Jan-2023 15:03
2-Methylnaphthalene	0.132		0.102	ug/L	1	06-Jan-2023 17:59
Acenaphthene	0.202		0.102	ug/L	1	06-Jan-2023 17:59
Acenaphthylene	0.405		0.102	ug/L	1	06-Jan-2023 17:59
Anthracene	ND		0.102	ug/L	1	06-Jan-2023 17:59
Benz(a)anthracene	0.975		0.102	ug/L	1	06-Jan-2023 17:59
Benzo(a)pyrene	ND		0.102	ug/L	1	06-Jan-2023 17:59
Benzo(b)fluoranthene	ND		0.102	ug/L	1	06-Jan-2023 17:59
Benzo(g,h,i)perylene	ND		0.102	ug/L	1	06-Jan-2023 17:59
Benzo(k)fluoranthene	ND		0.102	ug/L	1	06-Jan-2023 17:59
Chrysene	ND		0.102	ug/L	1	06-Jan-2023 17:59
Dibenz(a,h)anthracene	ND		0.102	ug/L	1	06-Jan-2023 17:59
Fluoranthene	ND		0.102	ug/L	1	06-Jan-2023 17:59
Fluorene	2.53		0.102	ug/L	1	06-Jan-2023 17:59
Indeno(1,2,3-cd)pyrene	ND		0.102	ug/L	1	06-Jan-2023 17:59
Naphthalene	0.789		0.102	ug/L	1	06-Jan-2023 17:59
Phenanthrene	4.17		0.102	ug/L	1	06-Jan-2023 17:59
Pyrene	ND		0.102	ug/L	1	06-Jan-2023 17:59
Surr: 2-Fluorobiphenyl	74.2		32-130	%REC	10	08-Jan-2023 15:03
Surr: 2-Fluorobiphenyl	43.7		32-130	%REC	1	06-Jan-2023 17:59
Surr: 4-Terphenyl-d14	66.8		40-135	%REC	1	06-Jan-2023 17:59
Surr: 4-Terphenyl-d14	68.1		40-135	%REC	10	08-Jan-2023 15:03
Surr: Nitrobenzene-d5	57.1		45-142	%REC	1	06-Jan-2023 17:59
Surr: Nitrobenzene-d5	89.4		45-142	%REC	10	08-Jan-2023 15:03

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

ALS Houston, US

Date: 09-Jan-23

Client: Permian Basin Environmental Lab, LP
 Project: 2L23001
 Sample ID: 2L23001-11
 Collection Date: 22-Dec-2022 15:55

ANALYTICAL REPORT

WorkOrder:HS22121532
 Lab ID:HS22121532-03
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270			Prep:SW3511 / 28-Dec-2022	Analyst: MBG
1-Methylnaphthalene	27.9	n	1.03	ug/L	10	08-Jan-2023 15:23
2-Methylnaphthalene	ND		0.103	ug/L	1	06-Jan-2023 18:19
Acenaphthene	ND		0.103	ug/L	1	06-Jan-2023 18:19
Acenaphthylene	0.742		0.103	ug/L	1	06-Jan-2023 18:19
Anthracene	0.937		0.103	ug/L	1	06-Jan-2023 18:19
Benz(a)anthracene	ND		0.103	ug/L	1	06-Jan-2023 18:19
Benzo(a)pyrene	ND		0.103	ug/L	1	06-Jan-2023 18:19
Benzo(b)fluoranthene	ND		0.103	ug/L	1	06-Jan-2023 18:19
Benzo(g,h,i)perylene	ND		0.103	ug/L	1	06-Jan-2023 18:19
Benzo(k)fluoranthene	ND		0.103	ug/L	1	06-Jan-2023 18:19
Chrysene	ND		0.103	ug/L	1	06-Jan-2023 18:19
Dibenz(a,h)anthracene	ND		0.103	ug/L	1	06-Jan-2023 18:19
Fluoranthene	ND		0.103	ug/L	1	06-Jan-2023 18:19
Fluorene	4.42		0.103	ug/L	1	06-Jan-2023 18:19
Indeno(1,2,3-cd)pyrene	ND		0.103	ug/L	1	06-Jan-2023 18:19
Naphthalene	4.89		0.103	ug/L	1	06-Jan-2023 18:19
Phenanthrene	5.41		0.103	ug/L	1	06-Jan-2023 18:19
Pyrene	ND		0.103	ug/L	1	06-Jan-2023 18:19
Surr: 2-Fluorobiphenyl	116		32-130	%REC	1	06-Jan-2023 18:19
Surr: 2-Fluorobiphenyl	73.9		32-130	%REC	10	08-Jan-2023 15:23
Surr: 4-Terphenyl-d14	76.7		40-135	%REC	10	08-Jan-2023 15:23
Surr: 4-Terphenyl-d14	124		40-135	%REC	1	06-Jan-2023 18:19
Surr: Nitrobenzene-d5	89.3		45-142	%REC	10	08-Jan-2023 15:23
Surr: Nitrobenzene-d5	136		45-142	%REC	1	06-Jan-2023 18:19

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

ALS Houston, US

Date: 09-Jan-23

Client: Permian Basin Environmental Lab, LP
 Project: 2L23001
 Sample ID: 2L23001-12
 Collection Date: 22-Dec-2022 16:35

ANALYTICAL REPORT

WorkOrder:HS22121532
 Lab ID:HS22121532-04
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 28-Dec-2022		Analyst: MBG
1-Methylnaphthalene	42.0	n	1.03	ug/L	10	08-Jan-2023 15:43
2-Methylnaphthalene	29.6		1.03	ug/L	10	08-Jan-2023 15:43
Acenaphthene	ND		0.103	ug/L	1	06-Jan-2023 18:40
Acenaphthylene	0.214		0.103	ug/L	1	06-Jan-2023 18:40
Anthracene	ND		0.103	ug/L	1	06-Jan-2023 18:40
Benz(a)anthracene	ND		0.103	ug/L	1	06-Jan-2023 18:40
Benzo(a)pyrene	ND		0.103	ug/L	1	06-Jan-2023 18:40
Benzo(b)fluoranthene	ND		0.103	ug/L	1	06-Jan-2023 18:40
Benzo(g,h,i)perylene	ND		0.103	ug/L	1	06-Jan-2023 18:40
Benzo(k)fluoranthene	ND		0.103	ug/L	1	06-Jan-2023 18:40
Chrysene	ND		0.103	ug/L	1	06-Jan-2023 18:40
Dibenz(a,h)anthracene	ND		0.103	ug/L	1	06-Jan-2023 18:40
Fluoranthene	ND		0.103	ug/L	1	06-Jan-2023 18:40
Fluorene	2.30		0.103	ug/L	1	06-Jan-2023 18:40
Indeno(1,2,3-cd)pyrene	ND		0.103	ug/L	1	06-Jan-2023 18:40
Naphthalene	48.7		1.03	ug/L	10	08-Jan-2023 15:43
Phenanthrene	1.61		0.103	ug/L	1	06-Jan-2023 18:40
Pyrene	ND		0.103	ug/L	1	06-Jan-2023 18:40
Surr: 2-Fluorobiphenyl	87.4		32-130	%REC	1	06-Jan-2023 18:40
Surr: 2-Fluorobiphenyl	73.9		32-130	%REC	10	08-Jan-2023 15:43
Surr: 4-Terphenyl-d14	90.4		40-135	%REC	10	08-Jan-2023 15:43
Surr: 4-Terphenyl-d14	103		40-135	%REC	1	06-Jan-2023 18:40
Surr: Nitrobenzene-d5	77.2		45-142	%REC	1	06-Jan-2023 18:40
Surr: Nitrobenzene-d5	67.3		45-142	%REC	10	08-Jan-2023 15:43

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

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 2L23001
WorkOrder: HS22121532

Batch ID: 187862	Start Date: 28 Dec 2022 12:00	End Date: 28 Dec 2022 13:30
Method: SW3511	Prep Code: 3511_PAH	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS22121532-01		32.12 (mL)	2 (mL)	0.06227	40 mL Amber
HS22121532-02		32.27 (mL)	2 (mL)	0.06198	40 mL Amber
HS22121532-03		32.13 (mL)	2 (mL)	0.06225	40 mL Amber
HS22121532-04		32.19 (mL)	2 (mL)	0.06213	40 mL Amber

ALS Houston, US

Date: 09-Jan-23

Client: Permian Basin Environmental Lab, LP
Project: 2L23001
WorkOrder: HS22121532

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 187862 (0)		Test Name : LOW-LEVEL PAHS - 8270D			Matrix: Water	
HS22121532-01	2L23001-09	22 Dec 2022 14:40		28 Dec 2022 12:00	08 Jan 2023 14:43	10
HS22121532-01	2L23001-09	22 Dec 2022 14:40		28 Dec 2022 12:00	06 Jan 2023 17:39	1
HS22121532-02	2L23001-10	22 Dec 2022 15:25		28 Dec 2022 12:00	08 Jan 2023 15:03	10
HS22121532-02	2L23001-10	22 Dec 2022 15:25		28 Dec 2022 12:00	06 Jan 2023 17:59	1
HS22121532-03	2L23001-11	22 Dec 2022 15:55		28 Dec 2022 12:00	08 Jan 2023 15:23	10
HS22121532-03	2L23001-11	22 Dec 2022 15:55		28 Dec 2022 12:00	06 Jan 2023 18:19	1
HS22121532-04	2L23001-12	22 Dec 2022 16:35		28 Dec 2022 12:00	08 Jan 2023 15:43	10
HS22121532-04	2L23001-12	22 Dec 2022 16:35		28 Dec 2022 12:00	06 Jan 2023 18:40	1

ALS Houston, US

Date: 09-Jan-23

Client: Permian Basin Environmental Lab, LP
Project: 2L23001
WorkOrder: HS22121532

QC BATCH REPORT

Batch ID: 187862 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D					
MBLK	Sample ID: MBLK-187862	Units: ug/L		Analysis Date: 06-Jan-2023 14:37					
Client ID:	Run ID: SV-6_425479	SeqNo: 7066692		PrepDate: 28-Dec-2022		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	ND	0.100							
2-Methylnaphthalene	ND	0.100							
Acenaphthene	ND	0.100							
Acenaphthylene	ND	0.100							
Anthracene	ND	0.100							
Benz(a)anthracene	ND	0.100							
Benzo(a)pyrene	ND	0.100							
Benzo(b)fluoranthene	ND	0.100							
Benzo(g,h,i)perylene	ND	0.100							
Benzo(k)fluoranthene	ND	0.100							
Chrysene	ND	0.100							
Dibenz(a,h)anthracene	ND	0.100							
Fluoranthene	ND	0.100							
Fluorene	ND	0.100							
Indeno(1,2,3-cd)pyrene	ND	0.100							
Naphthalene	ND	0.100							
Phenanthrene	ND	0.100							
Pyrene	ND	0.100							
Surr: 2-Fluorobiphenyl	2.042	0.100	3.03	0	67.4	32 - 130			
Surr: 4-Terphenyl-d14	3.105	0.100	3.03	0	102	40 - 135			
Surr: Nitrobenzene-d5	2.632	0.100	3.03	0	86.9	45 - 142			

ALS Houston, US

Date: 09-Jan-23

Client: Permian Basin Environmental Lab, LP
Project: 2L23001
WorkOrder: HS22121532

QC BATCH REPORT

Batch ID: 187862 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D					
LCS		Sample ID: LCS-187862		Units: ug/L		Analysis Date: 06-Jan-2023 14:57			
Client ID:		Run ID: SV-6_425479		SeqNo: 7066693		PrepDate: 28-Dec-2022		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	3.612	0.100	3.03	0	119	40 - 140			
2-Methylnaphthalene	2.938	0.100	3.03	0	97.0	40 - 140			
Acenaphthene	2.526	0.100	3.03	0	83.4	40 - 140			
Acenaphthylene	3.522	0.100	3.03	0	116	40 - 140			
Anthracene	3.625	0.100	3.03	0	120	40 - 140			
Benz(a)anthracene	2.057	0.100	3.03	0	67.9	40 - 140			
Benzo(a)pyrene	3.232	0.100	3.03	0	107	40 - 140			
Benzo(b)fluoranthene	2.215	0.100	3.03	0	73.1	40 - 140			
Benzo(g,h,i)perylene	3.211	0.100	3.03	0	106	40 - 140			
Benzo(k)fluoranthene	3.252	0.100	3.03	0	107	40 - 140			
Chrysene	3.233	0.100	3.03	0	107	40 - 140			
Dibenz(a,h)anthracene	2.968	0.100	3.03	0	97.9	40 - 140			
Fluoranthene	3.073	0.100	3.03	0	101	40 - 140			
Fluorene	3.07	0.100	3.03	0	101	40 - 140			
Indeno(1,2,3-cd)pyrene	3.426	0.100	3.03	0	113	40 - 140			
Naphthalene	3.415	0.100	3.03	0	113	40 - 140			
Phenanthrene	2.041	0.100	3.03	0	67.3	40 - 140			
Pyrene	3.084	0.100	3.03	0	102	40 - 140			
Surr: 2-Fluorobiphenyl	2.925	0.100	3.03	0	96.5	32 - 130			
Surr: 4-Terphenyl-d14	2.373	0.100	3.03	0	78.3	40 - 135			
Surr: Nitrobenzene-d5	3.061	0.100	3.03	0	101	45 - 142			

ALS Houston, US

Date: 09-Jan-23

Client: Permian Basin Environmental Lab, LP
Project: 2L23001
WorkOrder: HS22121532

QC BATCH REPORT

Batch ID: 187862 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCSD		Sample ID: LCSD-187862		Units: ug/L		Analysis Date: 06-Jan-2023 15:17				
Client ID:		Run ID: SV-6_425479		SeqNo: 7066694		PrepDate: 28-Dec-2022		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.906	0.100	3.03	0	129	40 - 140	3.612	7.82	25	
2-Methylnaphthalene	3.097	0.100	3.03	0	102	40 - 140	2.938	5.27	25	
Acenaphthene	2.788	0.100	3.03	0	92.0	40 - 140	2.526	9.86	25	
Acenaphthylene	3.756	0.100	3.03	0	124	40 - 140	3.522	6.41	25	
Anthracene	3.715	0.100	3.03	0	123	40 - 140	3.625	2.45	25	
Benz(a)anthracene	2.618	0.100	3.03	0	86.4	40 - 140	2.057	24	25	
Benzo(a)pyrene	2.762	0.100	3.03	0	91.1	40 - 140	3.232	15.7	25	
Benzo(b)fluoranthene	2.006	0.100	3.03	0	66.2	40 - 140	2.215	9.88	25	
Benzo(g,h,i)perylene	2.892	0.100	3.03	0	95.4	40 - 140	3.211	10.5	25	
Benzo(k)fluoranthene	3.149	0.100	3.03	0	104	40 - 140	3.252	3.21	25	
Chrysene	3.75	0.100	3.03	0	124	40 - 140	3.233	14.8	25	
Dibenz(a,h)anthracene	2.527	0.100	3.03	0	83.4	40 - 140	2.968	16	25	
Fluoranthene	3.009	0.100	3.03	0	99.3	40 - 140	3.073	2.1	25	
Fluorene	3.187	0.100	3.03	0	105	40 - 140	3.07	3.71	25	
Indeno(1,2,3-cd)pyrene	3.021	0.100	3.03	0	99.7	40 - 140	3.426	12.6	25	
Naphthalene	3.57	0.100	3.03	0	118	40 - 140	3.415	4.44	25	
Phenanthrene	2	0.100	3.03	0	66.0	40 - 140	2.041	2.01	25	
Pyrene	3.499	0.100	3.03	0	115	40 - 140	3.084	12.6	25	
Surr: 2-Fluorobiphenyl	3.049	0.100	3.03	0	101	32 - 130	2.925	4.16	25	
Surr: 4-Terphenyl-d14	2.198	0.100	3.03	0	72.5	40 - 135	2.373	7.65	25	
Surr: Nitrobenzene-d5	3.085	0.100	3.03	0	102	45 - 142	3.061	0.763	25	
The following samples were analyzed in this batch:		HS22121532-01 HS22121532-02 HS22121532-03 HS22121532-04								

ALS Houston, US

Date: 09-Jan-23

Client: Permian Basin Environmental Lab, LP
Project: 2L23001
WorkOrder: HS22121532

**QUALIFIERS,
ACRONYMS, UNITS**

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

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

ALS Houston, US

Date: 09-Jan-23

CERTIFICATIONS,ACCREDITATIONS & LICENSES

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

ALS Houston, US

Date: 09-Jan-23

Sample Receipt Checklist

Work Order ID: HS22121532

Date/Time Received: 28-Dec-2022 09:45

Client Name: Permian Basin Lab

Received by: Paresh M. Giga

Completed By: /S/ Paresh M. Giga	28-Dec-2022 10:26	Reviewed by: /S/ Anna Kinchen	29-Dec-2022 09:26
eSignature	Date/Time	eSignature	Date/Time

Matrices: WaterCarrier name: FedEx Priority Overnight

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	COC IDs:none
Samplers name present on COC?	Yes ☐	No ☒	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Temperature(s)/Thermometer(s):	1.6C/1.1C U/C IR31		
Cooler(s)/Kit(s):	Red		
Date/Time sample(s) sent to storage:	12/28/22 10:35		
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☒
pH adjusted?	Yes ☐	No ☐	N/A ☒
pH adjusted by:			

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Brent Barron

Company Name: PBEL

Company Address: 1400 Rankin HWY

City/State/Zip: Midland Texas 79701

Telephone No: 432-661-4184

Sampler Signature: N/A

HS22121532

Permian Basin Environmental Lab, LP
2L23001



e-mail: brentbarron@pbelab.com

Project Name: SUBCONTRACT

Project #:

Project Loc:

PO #:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)		Analyze For:																			
ORDER #:																					
LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers							Matrix		24 HOUR RUSH	STANDARD			
								ICE	HNO ₃ 250 poly 1	HCl 3 40mL VOA	H ₂ SO ₄ 1 AMBER 500/250POLY	NaOH / Ascorbic Acid 250ML P	Na ₂ S ₂ O ₃	NONE	NONE 3 AMBER VOAA VIALS	DW=Drinking Water S=Sludge			GW = Groundwater S=Soil/Solid	NP=Non-Portable Specify Other	
	2L23001-09			12/22/2022	14:40		2	X							X	W	X			X	
	2L23001-10			12/22/2022	15:25		2	X							X	W	X			X	
	2L23001-11			12/22/2022	15:55		3	X							X	W	X			X	
	2L23001-12			12/22/2022	16:35		3	X							X	W	X			X	

SPECIAL INSTRUCTIONS:				Laboratory Comments:			
Relinquished by: <i>R.B. 1:00 12/27/22</i> Brent Barron				Sample Containers Intact? Y N VOCs Free of Headspace? Y N Labels on container(s) Y N Custody seals on container(s) Y N Custody seals on cooler(s) Y N			
Relinquished by: _____ Date: _____ Time: _____				Sample Hand Delivered by Sampler/Client Rep. ? Y N by Courier? UPS DHL FedEx Lone Star			
Relinquished by: _____ Date: _____ Time: _____				Temperature Upon Receipt: _____ °C Adjusted: _____ °C Factor			

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

SHIP DATE: 27DEC22
ACTWGT: 10.00 LB
CDD: 107138946INET 4530

BILL RECIPIENT

TO
SAMPLE RECEIVING
AL-S-HOUSTON
10450 STANCLIFF RD
HOUSTON TX 77099

DEPT
REF
PO

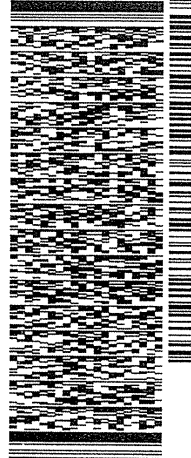
TRK# 7708 8409 9175
0201

WED - 28 DEC 4:30P
STANDARD OVERNIGHT

AB SCRA
TX-US IAH
77099




J224222101801uv



591J5/C8CF/FE20

After printing this label:

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

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

APPENDIX B:
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

Name of Company r	Contact r r d
Address PO Box 1660 5805 East Highway 80 Midland, Texas 79702	Telephone No. 915.638.3799
Facility Name Junction JCT 34 Line to Lea #2002-10286	Facility Type 10" Steel Pipeline

☑ Initial Report ☐ Final Report

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

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

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: 			
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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 201430

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	OGRID:
	34053
	Action Number: 201430
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2022 Annual Groundwater Monitoring Report on behalf of Plains Marketing, L.P. Junction 34 to Lea Station: Content Satisfactory 1. Continue to monitor groundwater and sample wells on a quarterly basis, according to plan in report. 2. Submit the 2023 GW Annual Report by April 1, 2024. 3. Conduct PAH analysis as per report 4. Monitor well gauging on a monthly basis.	7/18/2023