

Review of 2021 ANNUAL MONITORING REPORT:

Content satisfactory

Contractor anticipated actions approved by NMOCD and are as follows;

1. Continue quarterly and annual monitoring and groundwater sampling in 2022
2. Monitor well gauging will continue on a monthly schedule according to site conditions.
3. Complete sampling from MW-1, MW-3, MW-6A, and MW-7A for PAH analysis in 2022
4. Submit the Annual Monitoring Report to the NMOCD no later than March 31, 2023.



**2021
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

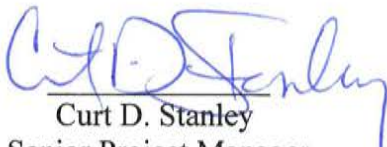
PREPARED BY:

TRC ENVIRONMENTAL CORPORATION

10 Desta Drive, Suite 130E

Midland, Texas 79705

March 2022


Curt D. Stanley
Senior Project Manager

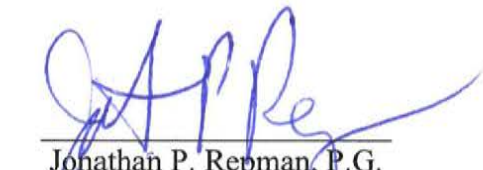

Jonathan P. Repman, P.G.
Midland Office Practice Lead

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INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), TRC Environmental Corporation (TRC) is pleased to submit this 2021 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 2021. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2021 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 March 18-19, June 1-2, September 1-2, and November 9-10, 2021. 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 2021, are depicted on the Inferred Groundwater Gradient Maps, Figures 2A-2D. Groundwater elevation data for 2021 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 0.0036 feet/foot to the southeast as measured between monitor wells MW-2 and MW-11A. Inferred Groundwater Gradient Maps prepared during the 1st, 2nd, and 3rd quarters indicated the inferred groundwater gradient ranged from 0.0035 feet/foot during the 1st quarter to 0.0036 feet/foot during the 2nd, 3rd, and 4th quarters.

LABORATORY RESULTS

Groundwater samples obtained during all four (4) quarterly sampling events of 2021 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 2021 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 2021 are summarized in Table 2 and historical concentrations of BTEX in groundwater are summarized in Table 5. The 2021 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 2021 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 0.201 mg/L during the 2nd quarter to 0.245 mg/L during the 1st quarter of 2021. Benzene concentrations were above the NMOCD regulatory guideline of 0.01 mg/L during the four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory reporting limit (RL) during the 2nd quarter to 0.00615 mg/L during the 3rd 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 0.0530 mg/L during the 4th quarter to 0.0721 mg/L

during the 1st quarter of 2021. 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 0.0117 mg/L during the 4th quarter to 0.0585 mg/L during the 1st quarter of 2021. 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 (0.0055 mg/L), phenanthrene (0.0038 mg/L), and naphthalene (0.0324 mg/L).

Monitor well MW-2 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.00836 during the 1st quarter to 0.0498 mg/L during the 3rd quarter of 2021. Benzene concentrations were above the NMOCD regulatory guidelines during the 2nd, 3rd, and 4th quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 2nd and 4th quarters to 0.00201 mg/L during the 3rd quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00253 mg/L during the 2nd quarter to 0.0466 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 2nd quarter to 0.0184 mg/L during the 3rd quarter of 2021. 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 0.306 mg/L during the 3rd quarter to 0.498 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 0.00137 mg/L during the 4th quarter to 0.0134 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00453 mg/L during the 4th quarter to 0.0219 mg/L during the 1st quarter. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from 0.0126 mg/L during the 4th quarter to 0.09685 mg/L during the 1st quarter of 2021. 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 benzo[a]anthracene (0.00023 mg/L) and phenanthrene (0.0024 mg/L).

Monitor well MW-4A 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-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 quarter to 0.0577 mg/L during the 3rd quarter of the reporting period. Benzene concentrations were above NMOCD regulatory guidelines during the 3rd quarter of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 2nd quarter to 0.00424 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 2nd quarter to 0.00452 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 0.00242 mg/L during the 2nd quarter to 0.0398 mg/L during the 1st quarter of the reporting period. Xylene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-6A is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.329 mg/L during the 1st quarter to 2.07 mg/L during the 4th quarter of the reporting period. Benzene concentrations were above NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00166 mg/L during the 4th quarter to 0.00915 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0382 mg/L during the 4th quarter to 0.125 mg/L during the 2nd quarter of the reporting period. Ethylbenzene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.142 mg/L during the 4th quarter to 0.23315 mg/L during the 1st quarter of the reporting period. Xylene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for fluorene (0.0017 mg/L), phenanthrene (0.0018 mg/L), and naphthalene (0.122 mg/L).

Monitor well MW-7A is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.357 mg/L during the 2nd quarter to 0.475 mg/L during the 3rd quarter of the reporting period. Benzene concentrations were above NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.0466 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 0.00970 mg/L during the 4th quarter to 0.0331 mg/L during the 1st 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 0.0206 during the 4th quarter to 0.1390 mg/L during the 1st 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 benzo[a]anthracene (0.00066 mg/L), fluorene (0.0033 mg/L), phenanthrene (0.0035 mg/L), and naphthalene (0.0224 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 0.00395 mg/L during the 4th quarter to 0.0151 mg/L during the 1st quarter of the reporting period. Benzene concentrations were above NMOCD regulatory guidelines during the 1st and 3rd 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 0.0656 mg/L during the 1st quarter to 0.150 mg/L during the 4th 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 the 1st, 2nd, and 4th quarters to 0.00157 mg/L during the 3rd quarter. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 2nd quarter to 0.0152 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 0.0134 mg/L during the 2nd quarter to 0.0389 mg/L during the 3rd 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 2021 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 0.0036 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 eight (8) of the twelve (12) monitor wells on site. At this time, dissolved phase impact appears to be delineated and limited to monitor wells MW-1 through MW-3, MW-5A, MW-6A, MW-7A, MW-9, 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 2022. 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 2022 reporting period.

A 2022 Annual Monitoring Report will be submitted to the NMOCD by April 1, 2023.

LIMITATIONS

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

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

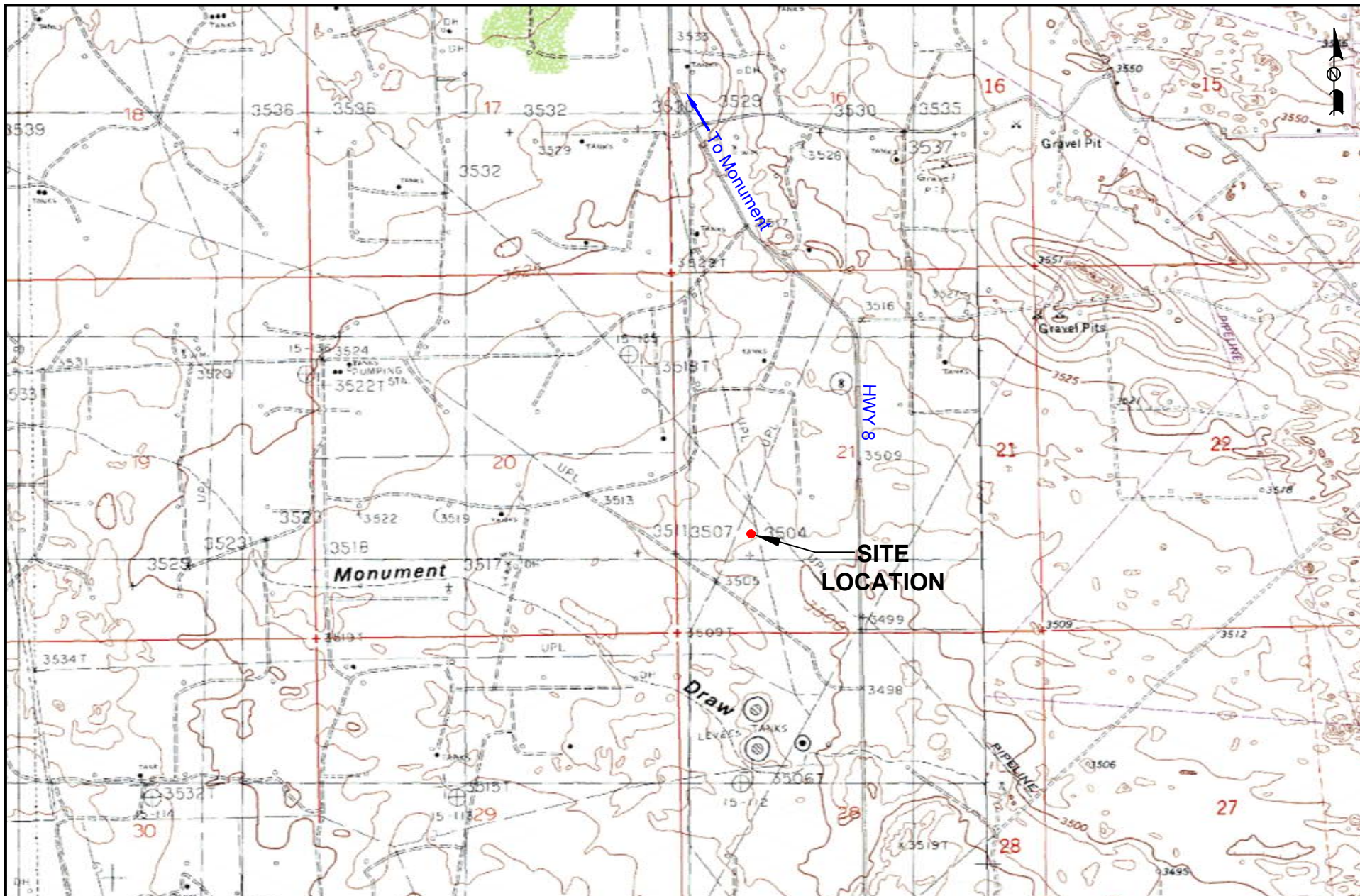
statements. We have presumed the genuineness of the documents and the information provided in documents or statements is true and accurate. TRC has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. TRC also notes the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

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

DISTRIBUTION

- Copy 1 Bradford Billings
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Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
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cdstanley@trccompanies.com

FIGURES



LEGEND:

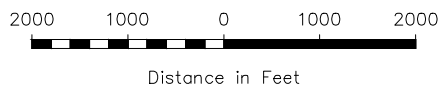
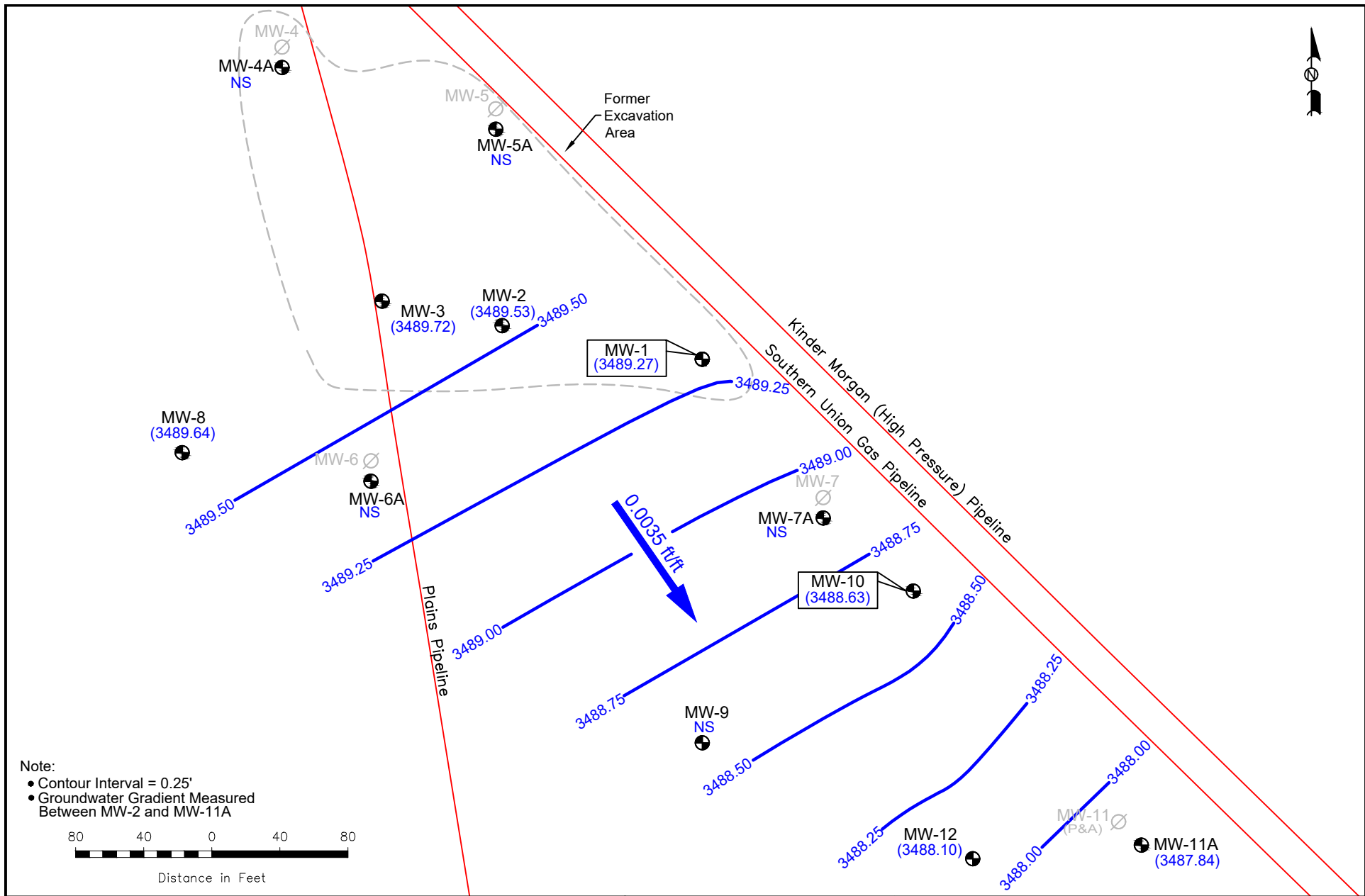


Figure 1
Site Location Map
Plains Marketing, L.P.
Junction 34 To Lea Station
NMOC Reference # 1RP-386-0
Lea County, NM

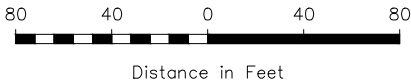
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Draft: February 7, 2022	
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NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

TRC
10 Desta Drive, Suite 130E
Midland, Texas 79705
432.520.7720



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

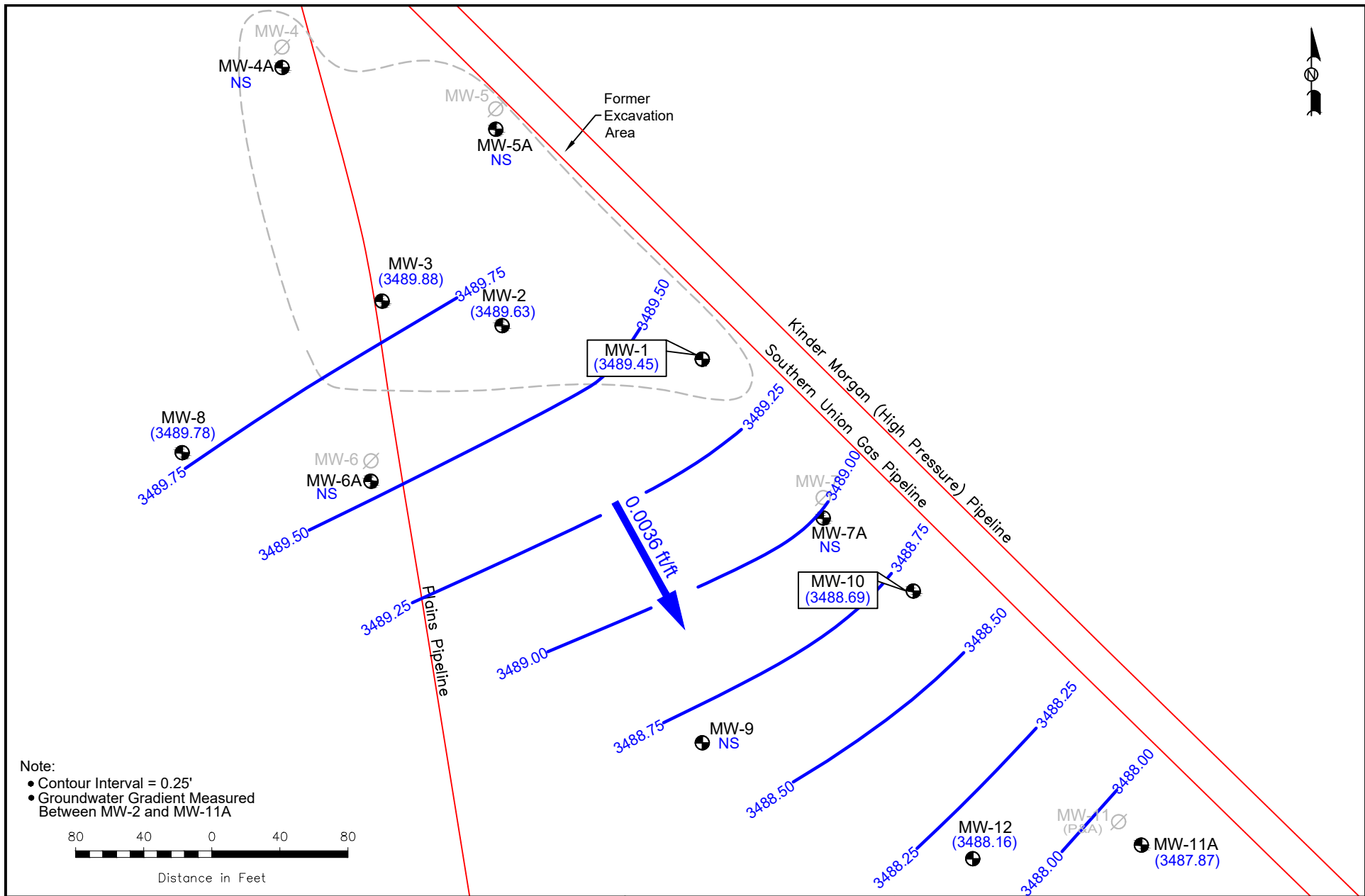


LEGEND:	
	Monitor Well Location
	Well Not Surveyed
	Pipeline
	Groundwater Elevation (Feet)
	Groundwater Elevation Contour Line
	Plugged and Abandoned

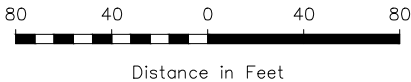
Figure 2A
 Inferred Groundwater
 Gradient Map
 (3/18/2021 - 3/19/2021)
 Plains Marketing, L.P.
 Junction 34 to Lea Station
 NMOCD Reference #1RP-386-0
 Lea County, NM

Scale: 1" = 80'	
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Draft: May 18, 2021	
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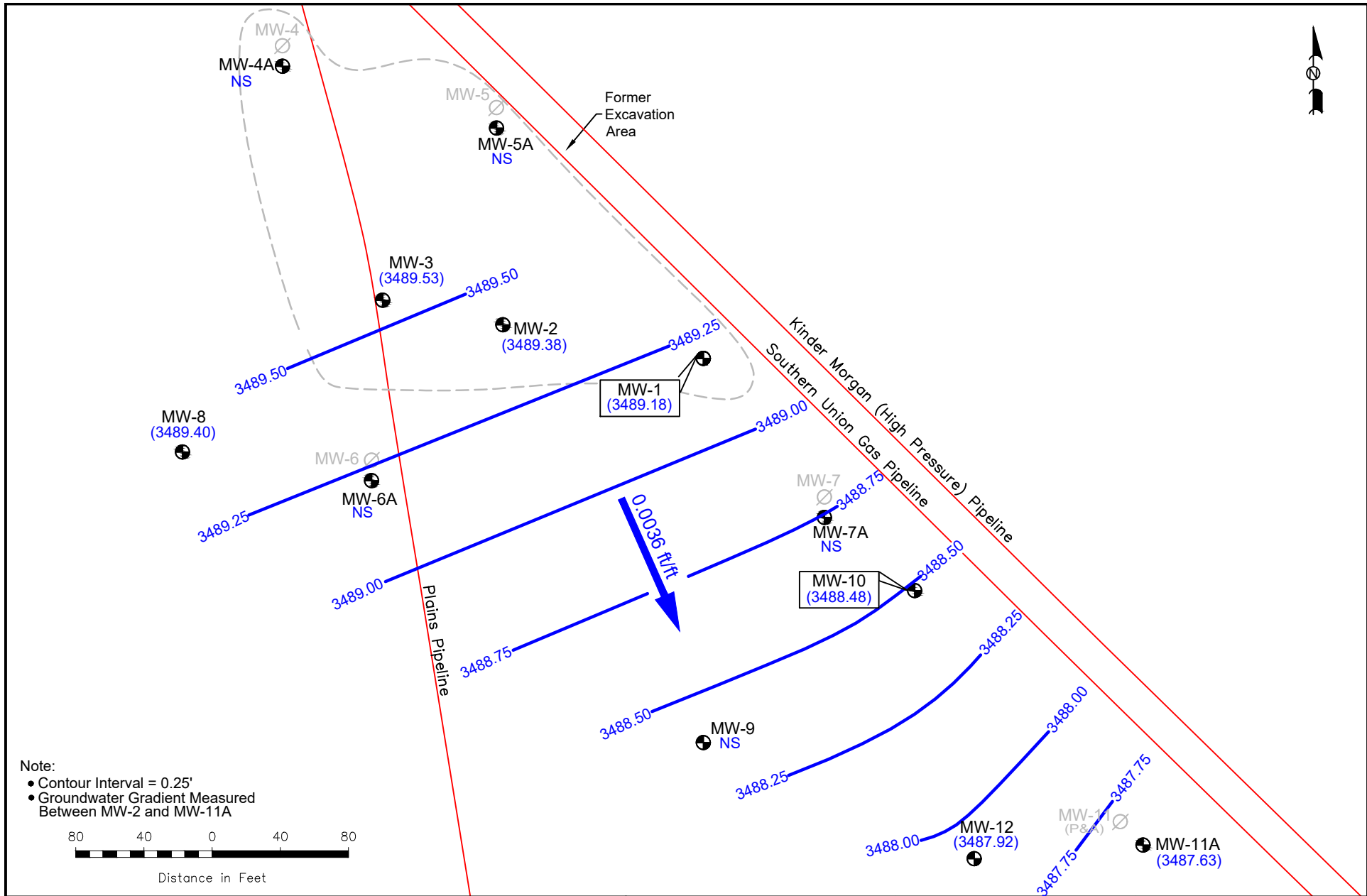
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 432.520.7720



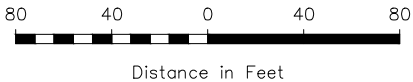
Note:
 • Contour Interval = 0.25'
 • Groundwater Gradient Measured Between MW-2 and MW-11A



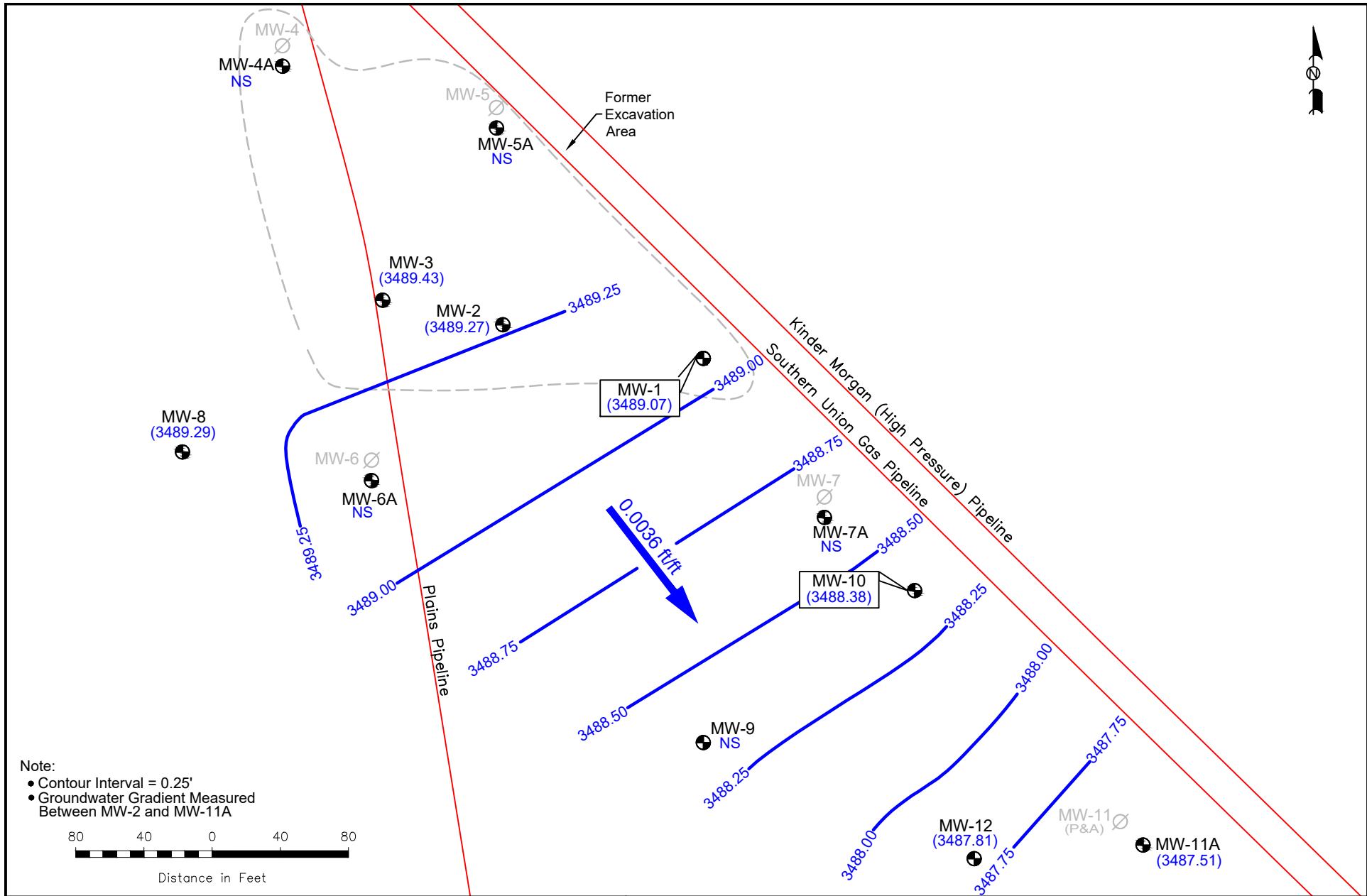
LEGEND: Monitor Well Location Pipeline (3791.69) Groundwater Elevation (Feet) Groundwater Elevation Contour Line P&A Plugged and Abandoned		Well Not Surveyed	Figure 2B Inferred Groundwater Gradient Map (6/1/2021 - 6/2/2021) Plains Marketing, L.P. Junction 34 to Lea Station NMOCD Reference #1RP-386-0 Lea County, NM	Scale: 1" = 80' CAD By: CS Checked By: CS Draft: June 7, 2021 Lat. N 32.555222° , Long. W 103.261027° NW1/4 SW1/4 Sec 21 T20S R37E TRC Proj. No.: 014167	 10 Desta Drive, Suite 130E Midland, Texas 79705 432.520.7720
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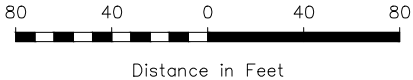
Note:
• Contour Interval = 0.25'
• Groundwater Gradient Measured Between MW-2 and MW-11A



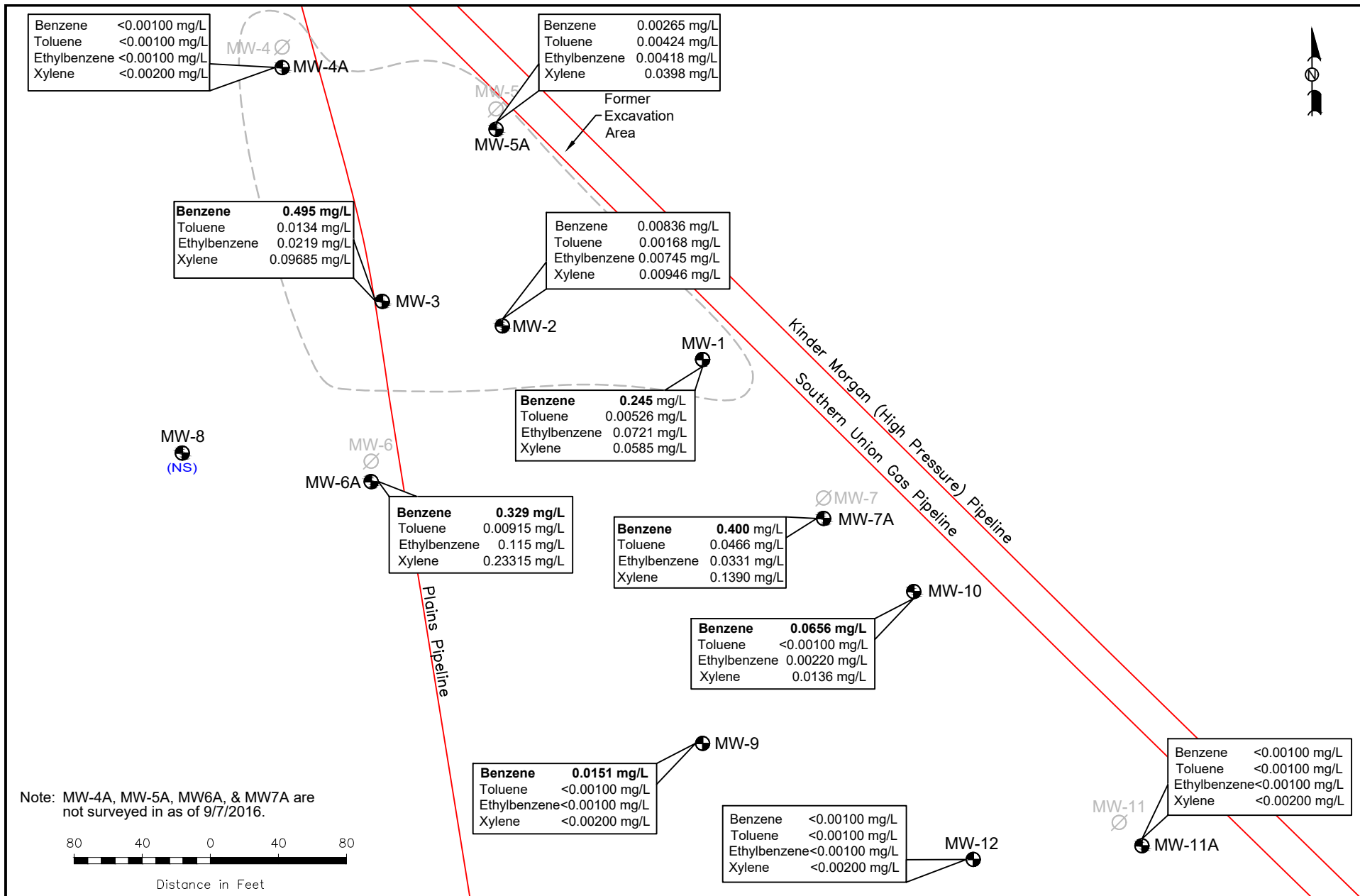
LEGEND: Monitor Well Location Pipeline (3791.69) Groundwater Elevation (Feet) Groundwater Elevation Contour Line P&A Plugged and Abandoned		Figure 2C Inferred Groundwater Gradient Map (9/1/2021 - 9/2/2021) Plains Marketing, L.P. Junction 34 to Lea Station NMOCD Reference #1RP-386-0 Lea County, NM		Scale: 1" = 80' CAD By: CS Checked By: CS Draft: September 22, 2021 Lat. N 32.555222° , Long. W 103.261027° NW1/4 SW1/4 Sec 21 T20S R37E TRC Proj. No.: 014167		 10 Desta Drive, Suite 130E Midland, Texas 79705 432.520.7720	
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Note:
• Contour Interval = 0.25'
• Groundwater Gradient Measured Between MW-2 and MW-11A



LEGEND: ● Monitor Well Location — Pipeline (3791.69) Grounwater Elevation (Feet) — Grounwater Elevation Contour Line P&A Plugged and Abandoned		NS Well Not Surveyed		Figure 2D Inferred Groundwater Gradient Map (11/9/2021 - 11/10/2021) 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: November 18, 2021 Lat. N 32.555222° , Long. W 103.261027° NW1/4 SW1/4 Sec 21 T20S R37E TRC Proj. No.: 014167		 10 Desta Drive, Suite 130E Midland, Texas 79705 432.520.7720	
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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)

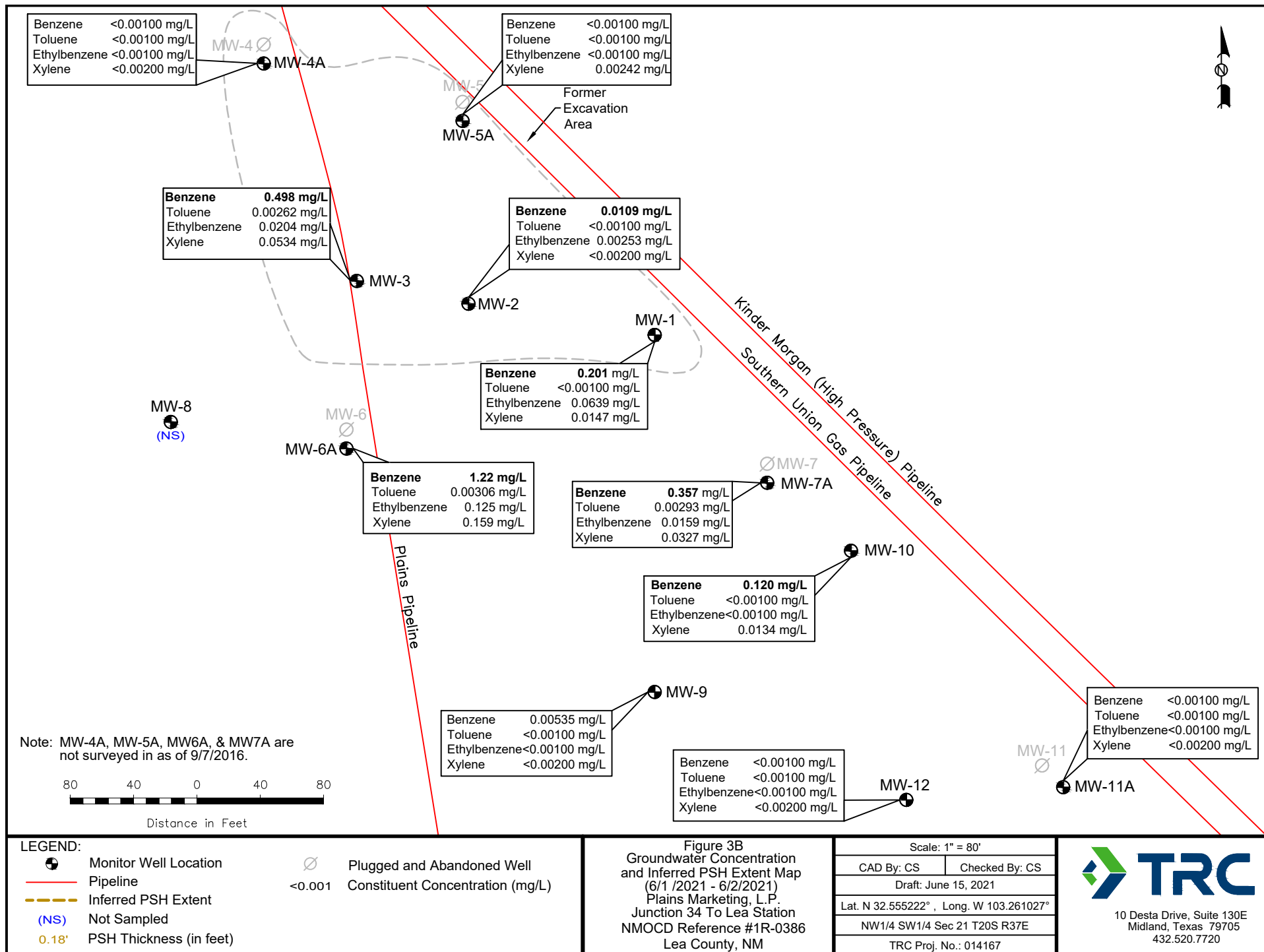
Figure 3A
Groundwater Concentration
and Inferred PSH Extent Map
(3/18/2021 - 3/19/2021)
Plains Marketing, L.P.
Junction 34 To Lea Station
NMOCD Reference #1R-0386
Lea County, NM

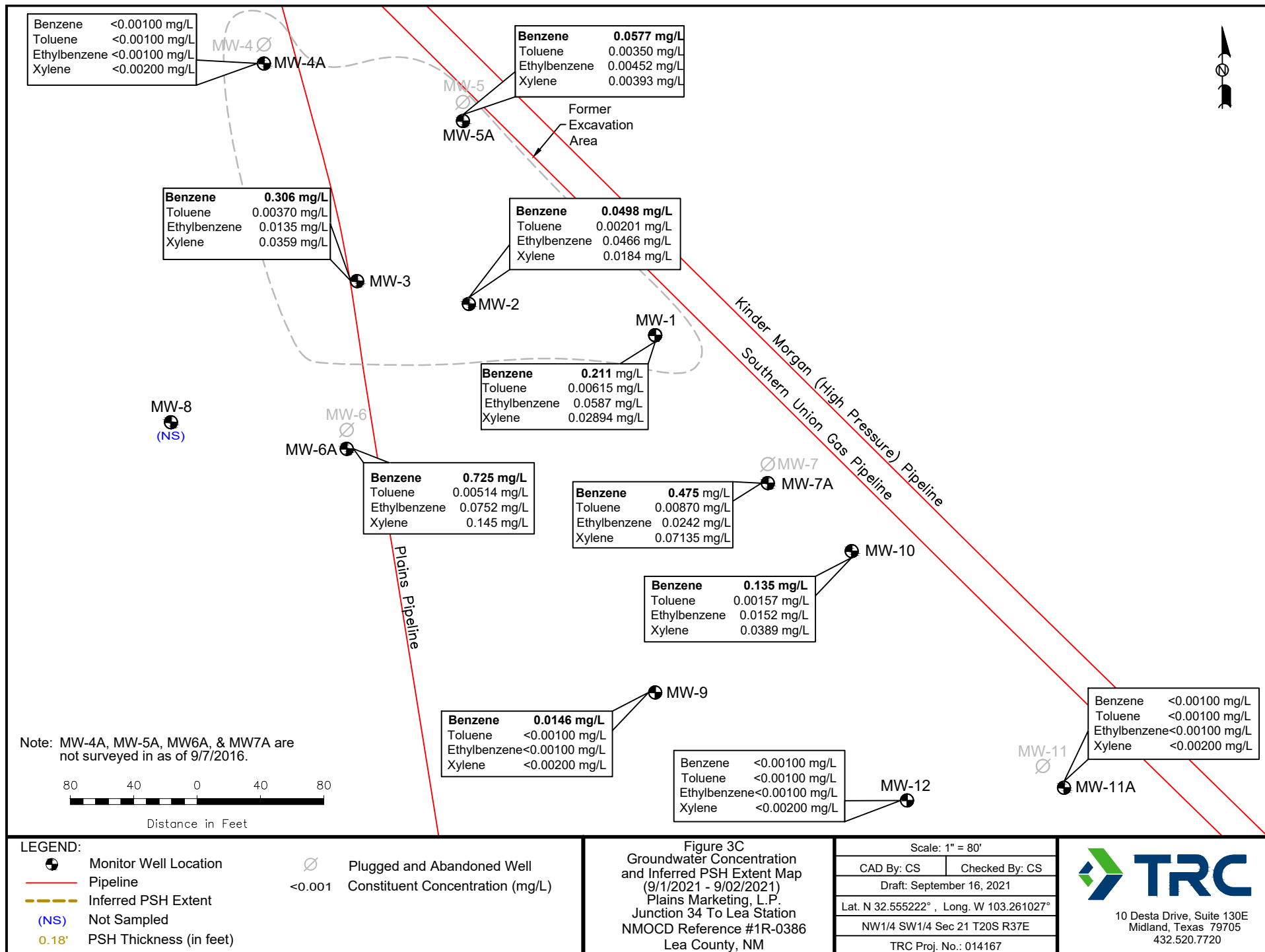
Scale: 1" = 80'

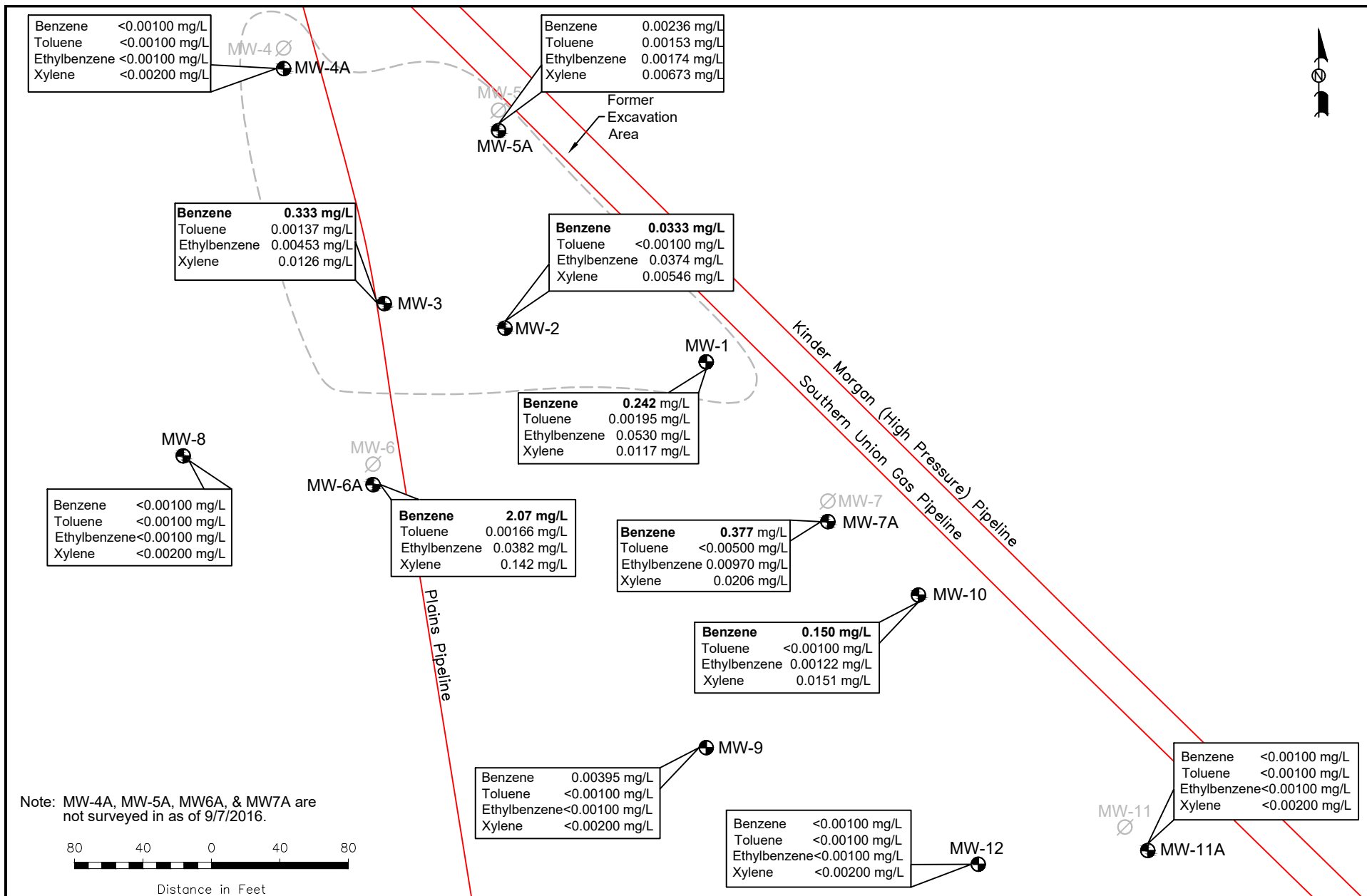
CAD By: CS	Checked By: CS
Draft: March 24, 2021	
Lat. N 32.555222° , Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	



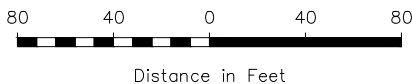
10 Desta Drive, Suite 130E
Midland, Texas 79705
432.520.7720







Note: MW-4A, MW-5A, MW6A, & MW7A are not surveyed in as of 9/7/2016.



LEGEND:

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

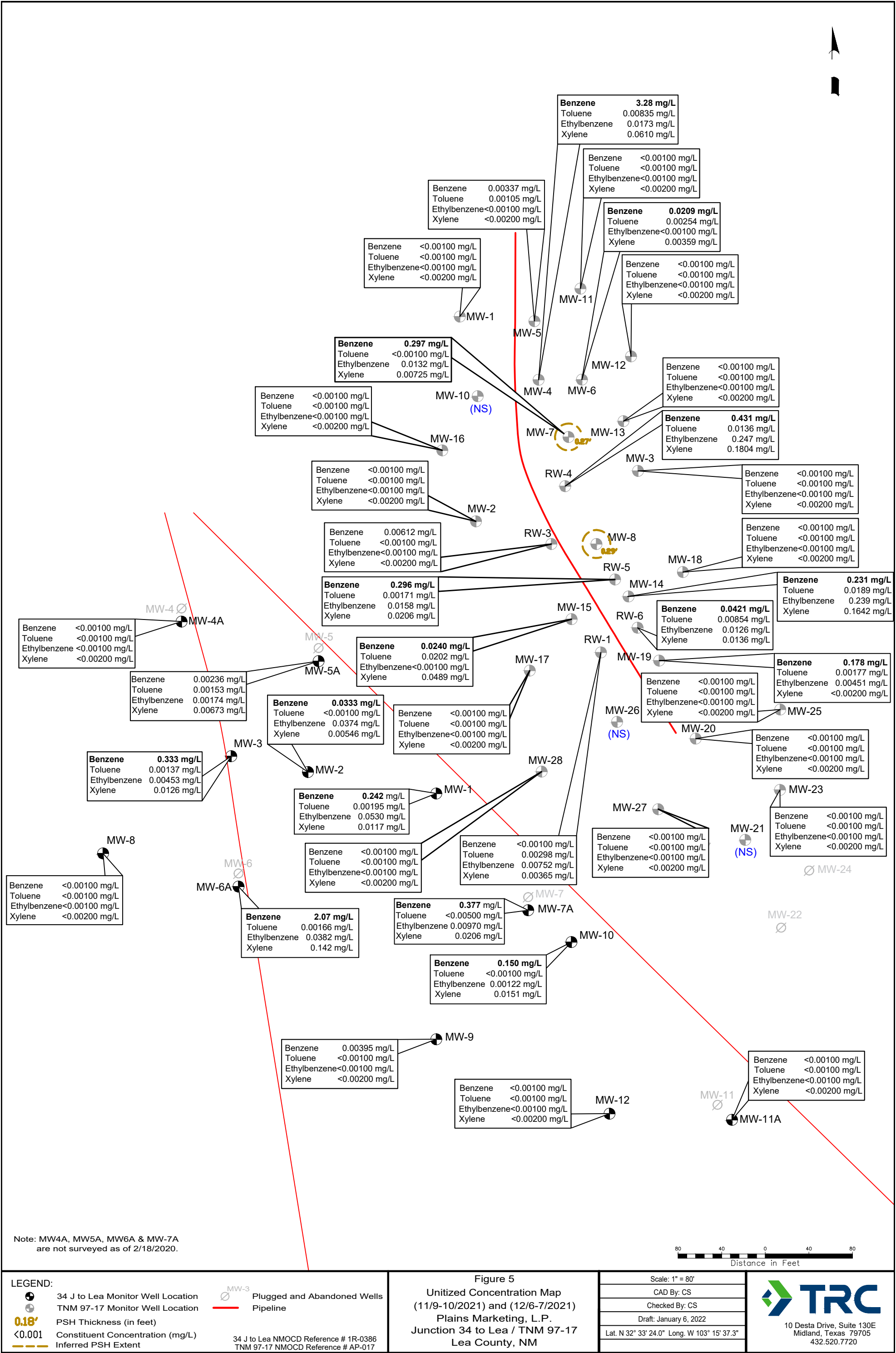
Figure 3D
Groundwater Concentration
and Inferred PSH Extent Map
(11/9/2021-11/10/2021)
Plains Marketing, L.P.
Junction 34 To Lea Station
NMOCD Reference #1R-0386
Lea County, NM

Scale: 1" = 80'

CAD By: CS	Checked By: CS
Draft: Decemeber 8, 2021	
Lat. N 32.555222° , Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

TRC
10 Desta Drive, Suite 130E
Midland, Texas 79705
432.520.7720





TABLES

TABLE 1

2021 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	01/14/21	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-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 - 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

TABLE 1

2021 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	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 - 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 - 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 - 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

TABLE 1

2021 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	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 - 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 - 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
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

TABLE 1

2021 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	01/27/21	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-10	01/14/21	3,507.79	-	19.28	0.00	3,488.51
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 - 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

TABLE 1**2021 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	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

TABLE 2

2021 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	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 - 2	03/19/21	0.00836	0.00168	0.00745	0.00946	
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 - 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-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 - 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 - 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 - 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 - 8	03/18/21	Not Sampled on Current Sample Schedule				
MW - 8	06/02/21	Not Sampled on Current Sample Schedule				

TABLE 2

2021 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	09/02/21	Not Sampled on Current Sample Schedule				
MW - 8	11/09/21	<0.00100	<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 - 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 - 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 - 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	

TABLE 3

2021 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	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-2	11/09/21	Not Sampled as part of Quarterly Monitoring Event.																		
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-4A	11/09/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5A	11/09/21	Not Sampled as part of Quarterly Monitoring Event.																		
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-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-8	11/09/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/09/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/09/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11A	11/09/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/09/21	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

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

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

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

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

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

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

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 - 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

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

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	05/29/09	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
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

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	05/24/10	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
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

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	08/24/11	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
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

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	10/24/12	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
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

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	01/03/14	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
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

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	10/28/14	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	01/05/14	3,509.87	-	19.89	0.00	3,489.98
MW-2	01/12/15	3,509.87	-	19.93	0.00	3,489.94
MW-2	01/19/15	3,509.87	-	19.89	0.00	3,489.98
MW-2	02/04/15	3,509.87	-	19.92	0.00	3,489.95
MW-2	02/12/15	3,509.87	-	19.93	0.00	3,489.94
MW-2	02/12/15	3,509.87	-	19.89	0.00	3,489.98
MW-2	03/03/15	3,509.87	-	19.89	0.00	3,489.98
MW-2	03/09/15	3,509.87	-	19.89	0.00	3,489.98
MW-2	03/16/15	3,509.87	-	19.89	0.00	3,489.98
MW-2	03/23/15	3,509.87	-	19.89	0.00	3,489.98
MW-2	03/30/15	3,509.87	-	19.88	0.00	3,489.99
MW-2	04/04/15	3,509.87	-	19.90	0.00	3,489.97
MW-2	04/07/15	3,509.87	-	19.87	0.00	3,490.00
MW-2	04/13/15	3,509.87	-	19.87	0.00	3,490.00
MW-2	04/20/15	3,509.87	-	19.84	0.00	3,490.03
MW-2	04/27/15	3,509.87	-	19.85	0.00	3,490.02
MW-2	05/07/15	3,509.87	-	19.78	0.00	3,490.09
MW-2	05/11/15	3,509.87	-	19.77	0.00	3,490.10
MW-2	05/18/15	3,509.87	-	19.73	0.00	3,490.14
MW-2	05/21/15	3,509.87	-	19.75	0.00	3,490.12
MW-2	05/29/15	3,509.87	-	19.72	0.00	3,490.15
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

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

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	05/12/16	3,509.87	-	19.55	0.00	3,490.32
MW-2	05/16/16	3,509.87	-	19.51	0.00	3,490.36
MW-2	05/23/16	3,509.87	-	19.58	0.00	3,490.29
MW-2	06/01/16	3,509.87	-	19.57	0.00	3,490.30
MW-2	06/07/16	3,509.87	-	19.60	0.00	3,490.27
MW-2	06/13/16	3,509.87	-	19.57	0.00	3,490.30
MW-2	06/17/16	3,509.87	-	19.77	0.00	3,490.10
MW-2	06/28/16	3,509.87	-	19.86	0.00	3,490.01
MW-2	07/07/16	3,509.87	-	19.92	0.00	3,489.95
MW-2	07/12/16	3,509.87	-	19.98	0.00	3,489.89
MW-2	07/19/16	3,509.87	-	20.05	0.00	3,489.82
MW-2	08/01/16	3,509.87	-	20.18	0.00	3,489.69
MW-2	08/08/16	3,509.87	-	20.23	0.00	3,489.64
MW-2	08/24/16	3,509.87	-	20.28	0.00	3,489.59
MW-2	08/31/16	3,509.87	-	20.13	0.00	3,489.74
MW-2	09/07/16	3,509.87	-	19.59	0.00	3,490.28
MW-2	09/13/16	3,509.87	-	19.49	0.00	3,490.38
MW-2	09/22/16	3,509.87	-	19.15	0.00	3,490.72
MW-2	10/14/16	3,509.87	-	19.11	0.00	3,490.76
MW-2	10/26/16	3,509.87	-	19.12	0.00	3,490.75
MW-2	11/03/16	3,509.87	-	19.16	0.00	3,490.71
MW-2	11/07/16	3,509.87	-	19.17	0.00	3,490.70
MW-2	12/07/16	3,509.87	-	19.21	0.00	3,490.66
MW-2	12/13/16	3,509.87	-	19.20	0.00	3,490.67
MW-2	12/20/16	3,509.87	-	19.23	0.00	3,490.64
MW-2	01/04/17	3,509.87	-	19.20	0.00	3,490.67
MW-2	01/18/17	3,509.87	-	19.22	0.00	3,490.65
MW-2	01/27/17	3,509.87	-	19.33	0.00	3,490.54
MW-2	02/01/17	3,509.87	-	19.24	0.00	3,490.63
MW-2	02/08/17	3,509.87	-	19.26	0.00	3,490.61
MW-2	03/09/17	3,509.87	-	19.18	0.00	3,490.69
MW-2	03/14/17	3,509.87	-	19.21	0.00	3,490.66
MW-2	03/22/17	3,509.87	-	19.20	0.00	3,490.67
MW-2	04/11/17	3,509.87	-	19.19	0.00	3,490.68
MW-2	04/18/17	3,509.87	-	19.14	0.00	3,490.73
MW-2	05/02/17	3,509.87	-	19.13	0.00	3,490.74
MW-2	05/10/17	3,509.87	-	19.16	0.00	3,490.71
MW-2	06/05/17	3,509.87	-	19.27	0.00	3,490.60
MW-2	06/14/17	3,509.87	-	19.38	0.00	3,490.49
MW-2	06/22/17	3,509.87	-	19.46	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-2	06/29/17	3,509.87	-	19.54	0.00	3,490.33
MW-2	07/05/17	3,509.87	-	19.59	0.00	3,490.28
MW-2	07/14/17	3,509.87	-	19.67	0.00	3,490.20
MW-2	07/18/17	3,509.87	-	19.69	0.00	3,490.18
MW-2	07/22/17	3,509.87	-	19.71	0.00	3,490.16
MW-2	08/11/17	3,509.87	-	19.70	0.00	3,490.17
MW-2	08/15/17	3,509.87	-	19.59	0.00	3,490.28
MW-2	09/01/17	3,509.87	-	19.47	0.00	3,490.40
MW-2	09/08/17	3,509.87	-	19.45	0.00	3,490.42
MW-2	09/15/17	3,509.87	-	19.48	0.00	3,490.39
MW-2	09/22/17	3,509.87	-	19.52	0.00	3,490.35
MW-2	10/06/17	3,509.87	-	19.40	0.00	3,490.47
MW-2	10/13/17	3,509.87	-	19.40	0.00	3,490.47
MW-2	10/18/17	3,509.87	-	19.37	0.00	3,490.50
MW-2	10/26/17	3,509.87	-	19.32	0.00	3,490.55
MW-2	11/02/17	3,509.87	-	19.34	0.00	3,490.53
MW-2	11/09/17	3,509.87	-	19.31	0.00	3,490.56
MW-2	12/08/17	3,509.87	-	19.34	0.00	3,490.53
MW-2	12/13/17	3,509.87	-	19.26	0.00	3,490.61
MW-2	12/21/17	3,509.87	-	19.30	0.00	3,490.57
MW-2	01/05/18	3,509.87	-	19.30	0.00	3,490.57
MW-2	01/09/18	3,509.87	-	19.27	0.00	3,490.60
MW-2	01/17/18	3,509.87	-	19.33	0.00	3,490.54
MW-2	01/24/18	3,509.87	-	19.33	0.00	3,490.54
MW-2	02/08/18	3,509.87	-	19.28	0.00	3,490.59
MW-2	02/15/18	3,509.87	-	19.28	0.00	3,490.59
MW-2	02/23/18	3,509.87	-	19.26	0.00	3,490.61
MW-2	03/02/18	3,509.87	-	19.22	0.00	3,490.65
MW-2	03/07/18	3,509.87	-	19.22	0.00	3,490.65
MW-2	03/15/18	3,509.87	-	19.21	0.00	3,490.66
MW-2	03/28/18	3,509.87	-	19.22	0.00	3,490.65
MW-2	04/04/18	3,509.87	-	19.25	0.00	3,490.62
MW-2	04/12/18	3,509.87	-	19.16	0.00	3,490.71
MW-2	04/18/18	3,509.87	-	19.19	0.00	3,490.68
MW-2	04/26/18	3,509.87	-	19.19	0.00	3,490.68
MW-2	05/03/18	3,509.87	-	19.23	0.00	3,490.64
MW-2	05/10/18	3,509.87	-	19.20	0.00	3,490.67
MW-2	05/25/18	3,509.87	-	19.39	0.00	3,490.48
MW-2	05/31/18	3,509.87	-	19.48	0.00	3,490.39
MW-2	06/06/18	3,509.87	-	19.51	0.00	3,490.36

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	06/13/18	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
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

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	01/09/20	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 - 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

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	11/13/03	3,495.97	8.14	8.51	0.37	3,487.77
MW - 3	11/25/03	3,495.97	8.15	8.50	0.35	3,487.77
MW - 3	12/02/03	3,495.97	8.15	8.20	0.05	3,487.81
MW - 3	12/10/03	3,495.97	8.13	8.16	0.03	3,487.84
MW - 3	01/02/04	3,495.97	8.05	8.08	0.03	3,487.92
MW - 3	01/30/04	3,495.97	8.22	8.24	0.02	3,487.75
MW - 3	02/06/04	3,495.97	8.23	8.24	0.01	3,487.74
MW - 3	05/05/04	3,495.97	-	7.16	0.00	3,488.81
MW - 3	05/25/04	3,495.97	9.92	9.94	0.02	3,486.05
MW - 3	06/03/04	3,495.97	-	9.84	0.00	3,486.13
MW - 3	06/15/04	3,495.97	-	9.73	0.00	3,486.24
MW - 3	07/08/04	3,495.97	-	9.70	0.00	3,486.27
MW - 3	07/26/04	3,495.97	-	9.73	0.00	3,486.24
MW - 3	09/10/04	3,495.97	-	10.18	0.00	3,485.79
MW - 3	09/21/04	3,495.97	-	10.11	0.00	3,485.86
MW - 3	10/04/04	3,495.97	-	9.25	0.00	3,486.72
MW - 3	10/15/04	3,495.97	9.13	9.16	0.03	3,486.84
MW - 3	11/09/04	3,495.97	-	9.60	0.00	3,486.37
MW - 3	11/16/04	3,495.97	-	6.15	0.00	3,489.82
MW - 3	12/07/04	3,495.97	-	9.18	0.00	3,486.79
MW - 3	12/17/04	3,495.97	-	9.36	0.00	3,486.61
MW - 3	01/07/05	3,495.97	-	9.22	0.00	3,486.75
MW - 3	02/21/05	3,495.97	-	9.00	0.00	3,486.97
MW - 3	03/29/05	3,495.97	-	8.65	0.00	3,487.32
MW - 3	04/22/05	3,495.97	-	8.80	0.00	3,487.17
MW - 3	05/06/05	3,495.97	-	8.96	0.00	3,487.01
MW - 3	05/11/05	3,495.97	-	8.91	0.00	3,487.06
MW - 3	07/19/05	3,495.97	8.54	8.55	0.01	3,487.43
MW - 3	08/16/05	3,495.97	-	8.50	0.00	3,487.47
MW - 3	10/05/05	3,495.97	-	8.65	0.00	3,487.32
MW - 3	11/15/05	3,495.97	-	8.46	0.00	3,487.51
MW - 3	02/15/06	3,495.97	-	5.46	0.00	3,490.51
MW - 3	03/13/06	3,495.97	-	9.20	0.00	3,486.77
MW - 3	03/22/06	3,495.97	NOT SAMPLED			
MW - 3	05/23/06	3,495.97	-	8.52	0.00	3,487.45
MW - 3	07/20/06	3,495.97	-	8.85	0.00	3,487.12
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

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	01/04/07	3,495.97	-	8.21	0.00	3,487.76
MW - 3	02/16/07	3,495.97		8.01	0.00	3,487.96
MW - 3	03/20/07	3,495.97	-	7.89	0.00	3,488.08
MW - 3	06/04/07	3,495.97	-	7.78	0.00	3,488.19
MW - 3	08/22/07	3,495.97	8.44	8.48	0.04	3,487.52
MW - 3	10/10/07	3,495.97	-	8.32	0.00	3,487.65
MW - 3	11/29/07	3,495.97	-	8.29	0.00	3,487.68
MW - 3	02/26/08	3,495.97	-	8.34	0.00	3,487.63
MW - 3	04/25/08	3,495.97	-	8.34	0.00	3,487.63
MW - 3	05/22/08	3,495.97	-	-	-	-
MW - 3	08/19/08	3,495.97	-	8.44	0.00	3,487.53
MW - 3	08/28/08	3,495.97	8.72	8.74	0.02	3,487.25
MW - 3	09/12/08	3,495.97	-	8.38	0.00	3,487.59
MW - 3	09/25/08	3,495.97	-	8.54	0.00	3,487.43
MW - 3	09/30/08	3,495.97	-	8.60	0.00	3,487.37
MW - 3	10/09/08	3,495.97	-	8.55	0.00	3,487.42
MW - 3	10/23/08	3,495.97	-	8.37	0.00	3,487.60
MW - 3	10/28/08	3,495.97	-	8.40	0.00	3,487.57
MW - 3	11/20/08	3,495.97	-	8.50	0.00	3,487.47
MW - 3	12/03/08	3,495.97	-	8.73	0.00	3,487.24
MW - 3	12/16/08	3,495.97	-	8.31	0.00	3,487.66
MW - 3	12/19/08	3,495.97	-	8.31	0.00	3,487.66
MW - 3	12/29/08	3,495.97	-	0.00	0.00	3,495.97
MW - 3	01/07/09	3,495.97	-	8.30	0.00	3,487.67
MW - 3	02/16/09	3,495.97	-	8.29	0.00	3,487.68
MW - 3	05/29/09	3,495.97	-	20.26	0.00	3,475.71
MW - 3	06/11/09	3,495.97	-	20.35	0.00	3,475.62
MW - 3	06/18/09	3,495.97	-	20.42	0.00	3,475.55
MW - 3	06/25/09	3,495.97	-	20.66	0.00	3,475.31
MW - 3	07/02/09	3,495.97	-	20.80	0.00	3,475.17
MW - 3	07/09/09	3,495.97	-	20.37	0.00	3,475.60
MW - 3	07/13/09	3,495.97	-	20.39	0.00	3,475.58
MW - 3	07/24/09	3,495.97	-	20.88	0.00	3,475.09
MW - 3	07/29/09	3,495.97	-	20.78	0.00	3,475.19
MW - 3	07/31/09	3,495.97	-	20.81	0.00	3,475.16
MW - 3	08/06/09	3,495.97	-	20.80	0.00	3,475.17
MW - 3	08/13/09	3,495.97	-	20.85	0.00	3,475.12
MW - 3	08/21/09	3,495.97	-	21.00	0.00	3,474.97
MW - 3	09/18/09	3,495.97	-	20.97	0.00	3,475.00
MW - 3	09/29/09	3,495.97	-	20.39	0.00	3,475.58

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	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
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

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	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
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

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	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
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

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	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
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

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	05/07/14	3,510.51	-	20.85	0.00	3,489.66
MW - 3	05/13/14	3,510.51	-	20.84	0.00	3,489.67
MW - 3	05/21/14	3,510.51	-	20.85	0.00	3,489.66
MW - 3	05/29/14	3,510.51	-	20.90	0.00	3,489.61
MW - 3	06/05/14	3,510.51	-	20.96	0.00	3,489.55
MW - 3	06/11/14	3,510.51	-	21.04	0.00	3,489.47
MW - 3	06/16/14	3,510.51	-	21.12	0.00	3,489.39
MW - 3	06/24/14	3,510.51	-	21.19	0.00	3,489.32
MW - 3	07/01/14	3,510.51	-	21.29	0.00	3,489.22
MW - 3	07/08/14	3,510.51	-	21.34	0.00	3,489.17
MW - 3	07/15/14	3,510.51	-	20.40	0.00	3,490.11
MW - 3	07/22/14	3,510.51	-	21.47	0.00	3,489.04
MW - 3	07/23/14	3,510.51	-	21.47	0.00	3,489.04
MW - 3	07/31/14	3,510.51	-	21.55	0.00	3,488.96
MW - 3	08/07/14	3,510.51	-	21.48	0.00	3,489.03
MW - 3	08/13/14	3,510.51	-	21.50	0.00	3,489.01
MW - 3	08/16/14	3,510.51	-	21.51	0.00	3,489.00
MW - 3	07/31/14	3,510.51	-	21.53	0.00	3,488.98
MW - 3	08/27/14	3,510.51	-	21.56	0.00	3,488.95
MW - 3	09/24/14	3,510.51	-	20.92	0.00	3,489.59
MW - 3	10/01/14	3,510.51	-	20.54	0.00	3,489.97
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

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	03/16/15	3,510.51	-	20.36	0.00	3,490.15
MW - 3	03/23/15	3,510.51	-	20.33	0.00	3,490.18
MW - 3	03/30/15	3,510.51	-	20.30	0.00	3,490.21
MW - 3	04/04/15	3,510.51	-	20.37	0.00	3,490.14
MW - 3	04/07/15	3,510.51	-	20.34	0.00	3,490.17
MW - 3	04/13/15	3,510.51	-	20.33	0.00	3,490.18
MW - 3	04/20/15	3,510.51	-	20.28	0.00	3,490.23
MW - 3	04/27/15	3,510.51	-	20.29	0.00	3,490.22
MW - 3	05/07/15	3,510.51	-	20.22	0.00	3,490.29
MW - 3	05/11/15	3,510.51	-	20.22	0.00	3,490.29
MW - 3	05/18/15	3,510.51	-	20.19	0.00	3,490.32
MW - 3	05/21/15	3,510.51	-	20.23	0.00	3,490.28
MW - 3	05/29/15	3,510.51	-	20.21	0.00	3,490.30
MW - 3	06/003/15	3,510.51	-	20.15	0.00	3,490.36
MW - 3	06/08/15	3,510.51	-	20.16	0.00	3,490.35
MW - 3	06/15/15	3,510.51	-	20.17	0.00	3,490.34
MW - 3	06/18/15	3,510.51	-	20.14	0.00	3,490.37
MW - 3	06/25/15	3,510.51	-	20.18	0.00	3,490.33
MW - 3	07/01/15	3,510.51	-	20.17	0.00	3,490.34
MW - 3	07/03/15	3,510.51	-	20.17	0.00	3,490.34
MW - 3	07/08/15	3,510.51	-	20.17	0.00	3,490.34
MW - 3	07/14/15	3,510.51	-	20.23	0.00	3,490.28
MW - 3	07/20/15	3,510.51	-	20.33	0.00	3,490.18
MW - 3	07/28/15	3,510.51	-	20.38	0.00	3,490.13
MW - 3	08/04/15	3,510.51	-	20.43	0.00	3,490.08
MW - 3	08/10/15	3,510.51	-	20.50	0.00	3,490.01
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

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	12/07/15	3,510.51	-	20.24	0.00	3,490.27
MW - 3	12/10/15	3,510.51	-	20.26	0.00	3,490.25
MW - 3	01/05/16	3,510.51	-	20.25	0.00	3,490.26
MW - 3	01/08/16	3,510.51	-	20.22	0.00	3,490.29
MW - 3	01/12/16	3,510.51	-	20.26	0.00	3,490.25
MW - 3	01/18/16	3,510.51	-	20.24	0.00	3,490.27
MW - 3	01/25/16	3,510.51	-	20.25	0.00	3,490.26
MW - 3	02/01/16	3,510.51	-	20.18	0.00	3,490.33
MW - 3	02/04/16	3,510.51	-	20.23	0.00	3,490.28
MW - 3	02/08/16	3,510.51	-	20.22	0.00	3,490.29
MW - 3	02/15/16	3,510.51	-	20.20	0.00	3,490.31
MW - 3	02/22/16	3,510.51	-	20.21	0.00	3,490.30
MW - 3	03/03/16	3,510.51	-	20.18	0.00	3,490.33
MW - 3	03/07/16	3,510.51	-	20.10	0.00	3,490.41
MW - 3	03/10/16	3,510.51	-	20.15	0.00	3,490.36
MW - 3	03/15/16	3,510.51	-	20.05	0.00	3,490.46
MW - 3	03/21/16	3,510.51	-	20.09	0.00	3,490.42
MW - 3	03/28/16	3,510.51	-	20.08	0.00	3,490.43
MW - 3	04/06/16	3,510.51	-	20.10	0.00	3,490.41
MW - 3	04/12/16	3,510.51	-	20.06	0.00	3,490.45
MW - 3	04/18/16	3,510.51	-	20.04	0.00	3,490.47
MW - 3	04/26/16	3,510.51	-	20.00	0.00	3,490.51
MW - 3	05/02/16	3,510.51	-	19.99	0.00	3,490.52
MW - 3	05/04/16	3,510.51	-	19.99	0.00	3,490.52
MW - 3	05/12/16	3,510.51	-	19.99	0.00	3,490.52
MW - 3	05/16/16	3,510.51	-	19.95	0.00	3,490.56
MW - 3	05/23/16	3,510.51	-	20.01	0.00	3,490.50
MW - 3	06/01/16	3,510.51	-	20.00	0.00	3,490.51
MW - 3	06/07/16	3,510.51	-	20.08	0.00	3,490.43
MW - 3	06/13/16	3,510.51	-	19.98	0.00	3,490.53
MW - 3	06/17/16	3,510.51	-	20.26	0.00	3,490.25
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

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	09/13/16	3,510.51	-	20.05	0.00	3,490.46
MW - 3	09/22/16	3,510.51	-	19.46	0.00	3,491.05
MW - 3	10/14/16	3,510.51	-	19.66	0.00	3,490.85
MW - 3	10/26/16	3,510.51	-	19.67	0.00	3,490.84
MW - 3	11/03/16	3,510.51	-	19.69	0.00	3,490.82
MW - 3	11/07/16	3,510.51	-	19.70	0.00	3,490.81
MW - 3	12/07/16	3,510.51	-	19.68	0.00	3,490.83
MW - 3	12/13/16	3,510.51	-	19.67	0.00	3,490.84
MW - 3	12/20/16	3,510.51	-	19.70	0.00	3,490.81
MW - 3	01/04/17	3,510.51	-	19.66	0.00	3,490.85
MW - 3	01/18/17	3,510.51	-	19.67	0.00	3,490.84
MW - 3	01/27/17	3,510.51	-	19.81	0.00	3,490.70
MW - 3	02/01/17	3,510.51	-	19.69	0.00	3,490.82
MW - 3	02/08/17	3,510.51	-	19.75	0.00	3,490.76
MW - 3	03/09/17	3,510.51	-	19.64	0.00	3,490.87
MW - 3	03/14/17	3,510.51	-	19.70	0.00	3,490.81
MW - 3	03/22/17	3,510.51	-	19.66	0.00	3,490.85
MW - 3	04/11/17	3,510.51	-	19.64	0.00	3,490.87
MW - 3	04/18/17	3,510.51	-	19.63	0.00	3,490.88
MW - 3	05/02/17	3,510.51	-	19.60	0.00	3,490.91
MW - 3	05/10/17	3,510.51	-	19.64	0.00	3,490.87
MW - 3	06/05/17	3,510.51	-	19.78	0.00	3,490.73
MW - 3	06/14/17	3,510.51	-	19.85	0.00	3,490.66
MW - 3	06/22/17	3,510.51	-	19.93	0.00	3,490.58
MW - 3	06/29/17	3,510.51	-	20.02	0.00	3,490.49
MW - 3	07/05/17	3,510.51	-	20.07	0.00	3,490.44
MW - 3	07/14/17	3,510.51	-	20.17	0.00	3,490.34
MW - 3	07/18/17	3,510.51	-	20.17	0.00	3,490.34
MW - 3	07/22/17	3,510.51	-	20.23	0.00	3,490.28
MW - 3	08/11/17	3,510.51	-	20.21	0.00	3,490.30
MW - 3	08/15/17	3,510.51	-	20.15	0.00	3,490.36
MW - 3	09/01/17	3,510.51	-	20.00	0.00	3,490.51
MW - 3	09/08/17	3,510.51	-	19.96	0.00	3,490.55
MW - 3	09/15/17	3,510.51	-	19.96	0.00	3,490.55
MW - 3	09/22/17	3,510.51	-	20.01	0.00	3,490.50
MW - 3	10/06/17	3,510.51	-	19.90	0.00	3,490.61
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

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

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	12/19/18	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
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

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	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 - 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

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

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	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
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

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	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
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

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	03/02/18	100.00	-	18.73	0.00	81.27
MW - 4A	03/07/18	100.00	-	18.75	0.00	81.25
MW - 4A	03/15/18	100.00	-	18.72	0.00	81.28
MW - 4A	03/28/18	100.00	-	18.74	0.00	81.26
MW - 4A	04/04/18	100.00	-	18.71	0.00	81.29
MW - 4A	04/12/18	100.00	-	18.67	0.00	81.33
MW - 4A	04/18/18	100.00	-	18.69	0.00	81.31
MW - 4A	04/26/18	100.00	-	18.68	0.00	81.32
MW - 4A	05/03/18	100.00	-	18.69	0.00	81.31
MW - 4A	05/10/18	100.00	-	18.72	0.00	81.28
MW - 4A	05/25/18	100.00	-	18.93	0.00	81.07
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

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	03/27/19	100.00	-	18.94	0.00	81.06
MW - 4A	04/05/19	100.00	-	18.93	0.00	81.07
MW - 4A	04/11/19	100.00	-	18.90	0.00	81.10
MW - 4A	04/17/19	100.00	-	18.87	0.00	81.13
MW - 4A	04/24/19	100.00	-	18.85	0.00	81.15
MW - 4A	05/03/19	100.00	-	18.85	0.00	81.15
MW - 4A	05/08/19	100.00	-	18.83	0.00	81.17
MW - 4A	05/17/19	100.00	-	18.84	0.00	81.16
MW - 4A	06/12/19	100.00	-	19.08	0.00	80.92
MW - 4A	07/04/19	100.00	-	19.39	0.00	80.61
MW - 4A	07/12/19	100.00	-	19.44	0.00	80.56
MW - 4A	07/18/19	100.00	-	19.46	0.00	80.54
MW - 4A	08/08/19	100.00	-	19.61	0.00	80.39
MW - 4A	09/12/19	100.00	-	19.83	0.00	80.17
MW - 4A	10/08/19	100.00	-	19.66	0.00	80.34
MW - 4A	11/26/19	100.00	-	19.38	0.00	80.62
MW - 4A	12/09/19	100.00	-	19.30	0.00	80.70
MW - 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

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	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 - 5	05/25/04	3,508.74	-	20.08	0.00	3,488.66
MW - 5	06/03/04	3,508.74	-	20.00	0.00	3,488.74
MW - 5	06/15/04	3,508.74	-	20.03	0.00	3,488.71
MW - 5	07/08/04	3,508.74	-	19.93	0.00	3,488.81
MW - 5	07/26/04	3,508.74	-	20.06	0.00	3,488.68
MW - 5	09/10/04	3,508.74	-	20.26	0.00	3,488.48
MW - 5	09/21/04	3,508.74	-	20.34	0.00	3,488.40
MW - 5	10/04/04	3,508.74	-	19.55	0.00	3,489.19
MW - 5	10/15/04	3,508.74	-	19.52	0.00	3,489.22
MW - 5	11/09/04	3,508.74	-	19.67	0.00	3,489.07
MW - 5	11/16/04	3,508.74	-	19.41	0.00	3,489.33
MW - 5	12/07/04	3,508.74	-	19.45	0.00	3,489.29
MW - 5	12/17/04	3,508.74	-	19.44	0.00	3,489.30
MW - 5	01/07/05	3,508.74	-	19.30	0.00	3,489.44
MW - 5	02/21/05	3,508.74	-	19.11	0.00	3,489.63
MW - 5	03/29/05	3,508.74	-	18.86	0.00	3,489.88
MW - 5	04/22/05	3,508.74	-	18.91	0.00	3,489.83
MW - 5	05/06/05	3,508.74	-	18.89	0.00	3,489.85
MW - 5	05/11/05	3,508.74	-	18.80	0.00	3,489.94
MW - 5	07/19/05	3,508.74	-	19.92	0.00	3,488.82
MW - 5	08/16/05	3,508.74	-	18.81	0.00	3,489.93
MW - 5	10/05/05	3,508.74	-	18.90	0.00	3,489.84
MW - 5	11/15/05	3,508.74	-	18.75	0.00	3,489.99
MW - 5	02/15/06	3,508.74	-	18.62	0.00	3,490.12
MW - 5	03/13/06	3,508.74	-	18.62	0.00	3,490.12
MW - 5	03/22/06	3,508.74	NOT SAMPLED			
MW - 5	05/23/06	3,508.74	-	18.71	0.00	3,490.03
MW - 5	07/20/06	3,508.74	-	19.05	0.00	3,489.69
MW - 5	08/09/06	3,508.74	-	18.92	0.00	3,489.82
MW - 5	10/18/06	3,508.74	-	18.45	0.00	3,490.29
MW - 5	11/27/06	3,508.74	-	18.45	0.00	3,490.29
MW - 5	12/11/06	3,508.74	-	18.46	0.00	3,490.28
MW - 5	01/04/07	3,508.74	-	18.46	0.00	3,490.28
MW - 5	02/16/07	3,508.74	-	18.24	0.00	3,490.50
MW - 5	03/20/07	3,508.74	-	18.24	0.00	3,490.50
MW - 5	06/04/07	3,508.74	-	18.10	0.00	3,490.64
MW - 5	08/22/07	3,508.74	-	18.81	0.00	3,489.93

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	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
MW - 5	02/01/12	3,508.74	-	19.07	0.00	3,489.67

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 - 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
MW - 5	05/08/13	3,508.74	-	19.65	0.00	3,489.09

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	05/09/13	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
MW - 5	04/02/14	3,509.64	-	19.78	0.00	3,489.86

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	04/16/14	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
MW - 5	01/19/15	3,509.64	-	19.23	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 - 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
MW - 5	10/23/15	3,509.64	-	19.55	0.00	3,490.09

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	10/26/15	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
MW - 5	08/01/16	3,509.64	-	19.64	0.00	3,490.00

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	08/08/16	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
MW - 5A	09/01/17	100.00	-	18.65	0.00	81.35

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	09/08/17	100.00	-	18.64	0.00	81.36
MW - 5A	09/15/17	100.00	-	18.64	0.00	81.36
MW - 5A	09/22/17	100.00	-	18.74	0.00	81.26
MW - 5A	10/06/17	100.00	-	18.57	0.00	81.43
MW - 5A	10/13/17	100.00	-	18.56	0.00	81.44
MW - 5A	10/18/17	100.00	-	18.56	0.00	81.44
MW - 5A	10/26/17	100.00	-	18.37	0.00	81.63
MW - 5A	11/02/17	100.00	-	18.44	0.00	81.56
MW - 5A	11/09/17	100.00	-	18.43	0.00	81.57
MW - 5A	12/08/17	100.00	-	18.46	0.00	81.54
MW - 5A	12/13/17	100.00	-	18.48	0.00	81.52
MW - 5A	12/21/17	100.00	-	18.48	0.00	81.52
MW - 5A	01/05/18	100.00	-	18.49	0.00	81.51
MW - 5A	01/09/18	100.00	-	18.46	0.00	81.54
MW - 5A	01/17/18	100.00	-	18.52	0.00	81.48
MW - 5A	01/24/18	100.00	-	18.51	0.00	81.49
MW - 5A	02/08/18	100.00	-	18.46	0.00	81.54
MW - 5A	02/15/18	100.00	-	18.44	0.00	81.56
MW - 5A	02/23/18	100.00	-	18.47	0.00	81.53
MW - 5A	03/02/18	100.00	-	18.40	0.00	81.60
MW - 5A	03/07/18	100.00	-	18.48	0.00	81.52
MW - 5A	03/15/18	100.00	-	18.39	0.00	81.61
MW - 5A	03/28/18	100.00	-	18.44	0.00	81.56
MW - 5A	04/04/18	100.00	-	18.38	0.00	81.62
MW - 5A	04/12/18	100.00	-	18.37	0.00	81.63
MW - 5A	04/18/18	100.00	-	18.41	0.00	81.59
MW - 5A	04/26/18	100.00	-	18.38	0.00	81.62
MW - 5A	05/03/18	100.00	-	18.38	0.00	81.62
MW - 5A	05/10/18	100.00	-	18.39	0.00	81.61
MW - 5A	05/25/18	100.00	-	18.60	0.00	81.40
MW - 5A	05/31/18	100.00	-	18.10	0.00	81.90
MW - 5A	06/06/18	100.00	-	18.77	0.00	81.23
MW - 5A	06/13/18	100.00	-	18.83	0.00	81.17
MW - 5A	06/22/18	100.00	-	18.88	0.00	81.12
MW - 5A	07/05/18	100.00	-	19.00	0.00	81.00
MW - 5A	07/11/18	100.00	-	19.04	0.00	80.96
MW - 5A	07/19/18	100.00	-	19.10	0.00	80.90
MW - 5A	08/03/18	100.00	-	19.22	0.00	80.78
MW - 5A	08/17/18	100.00	-	19.21	0.00	80.79
MW - 5A	08/22/18	100.00	-	19.23	0.00	80.77

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	08/30/18	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
MW - 5A	01/09/20	100.00	-	18.90	0.00	81.10

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 - 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 - 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

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

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	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
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

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	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
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

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	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
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

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	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
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

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	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
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

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	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
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

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	03/19/21	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 - 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

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	03/13/06	3,507.38	-	18.05	0.00	3,489.33
MW - 7	03/22/06	3,507.38	NOT SAMPLED			
MW - 7	05/23/06	3,507.38	-	18.09	0.00	3,489.29
MW - 7	07/20/06	3,507.38	-	18.45	0.00	3,488.93
MW - 7	08/09/06	3,507.38	-	18.27	0.00	3,489.11
MW - 7	10/18/06	3,507.38	-	17.86	0.00	3,489.52
MW - 7	11/27/06	3,507.38	-	17.82	0.00	3,489.56
MW - 7	12/11/06	3,507.38	-	29.80	0.00	3,477.58
MW - 7	01/04/07	3,507.38	-	17.77	0.00	3,489.61
MW - 7	02/16/07	3,507.38	-	17.69	0.00	3,489.69
MW - 7	03/20/07	3,507.38	-	17.66	0.00	3,489.72
MW - 7	06/04/07	3,507.38	-	17.53	0.00	3,489.85
MW - 7	08/22/07	3,507.38	-	18.18	0.00	3,489.20
MW - 7	11/29/07	3,507.38	-	17.89	0.00	3,489.49
MW - 7	02/26/08	3,507.38	-	17.79	0.00	3,489.59
MW - 7	05/22/08	3,507.38	-	17.76	0.00	3,489.62
MW - 7	08/28/08	3,507.38	-	18.49	0.00	3,488.89
MW - 7	11/20/08	3,507.38	-	18.04	0.00	3,489.34
MW - 7	02/16/09	3,507.38	-	17.91	0.00	3,489.47
MW - 7	05/29/09	3,507.38	-	17.93	0.00	3,489.45
MW - 7	08/06/09	3,507.38	-	18.33	0.00	3,489.05
MW - 7	11/10/09	3,507.38	-	18.68	0.00	3,488.70
MW - 7	11/13/09	3,507.38	-	18.68	0.00	3,488.70
MW - 7	01/05/10	3,507.38	-	18.60	0.00	3,488.78
MW - 7	02/04/10	3,507.38	-	18.53	0.00	3,488.85
MW - 7	05/06/10	3,507.38	-	18.54	0.00	3,488.84
MW - 7	08/05/10	3,507.38	-	17.64	0.00	3,489.74
MW - 7	11/04/10	3,507.38	-	17.66	0.00	3,489.72
MW - 7	02/09/11	3,507.38	-	17.66	0.00	3,489.72
MW - 7	05/03/11	3,507.38	-	17.65	0.00	3,489.73
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

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	08/18/11	3,507.38	-	18.79	0.00	3,488.59
MW - 7	08/24/11	3,507.38	-	18.84	0.00	3,488.54
MW - 7	08/29/11	3,507.38	-	18.71	0.00	3,488.67
MW - 7	09/07/11	3,507.38	-	18.82	0.00	3,488.56
MW - 7	09/14/11	3,507.38	-	18.84	0.00	3,488.54
MW - 7	10/26/11	3,507.38	-	18.84	0.00	3,488.54
MW - 7	11/21/11	3,507.38	-	18.80	0.00	3,488.58
MW - 7	11/28/11	3,507.38	-	18.81	0.00	3,488.57
MW - 7	12/12/11	3,507.38	-	18.80	0.00	3,488.58
MW - 7	01/10/12	3,507.38	-	18.71	0.00	3,488.67
MW - 7	01/17/12	3,507.38	-	18.70	0.00	3,488.68
MW - 7	01/25/12	3,507.38	-	18.69	0.00	3,488.69
MW - 7	02/01/12	3,507.38	-	18.66	0.00	3,488.72
MW - 7	02/13/12	3,507.38	-	18.62	0.00	3,488.76
MW - 7	03/07/12	3,507.38	-	18.52	0.00	3,488.86
MW - 7	03/19/12	3,507.38	-	18.49	0.00	3,488.89
MW - 7	03/28/12	3,507.38	-	18.45	0.00	3,488.93
MW - 7	04/04/12	3,507.38	-	18.44	0.00	3,488.94
MW - 7	04/11/12	3,507.38	-	18.43	0.00	3,488.95
MW - 7	04/18/12	3,507.38	-	18.42	0.00	3,488.96
MW - 7	04/25/12	3,507.38	-	18.43	0.00	3,488.95
MW - 7	05/03/12	3,507.38	-	18.47	0.00	3,488.91
MW - 7	05/09/12	3,507.38	-	18.53	0.00	3,488.85
MW - 7	05/16/12	3,507.38	-	18.51	0.00	3,488.87
MW - 7	05/24/12	3,507.38	-	18.47	0.00	3,488.91
MW - 7	06/01/12	3,507.38	-	18.47	0.00	3,488.91
MW - 7	06/06/12	3,507.38	-	18.46	0.00	3,488.92
MW - 7	06/14/12	3,507.38	-	18.52	0.00	3,488.86
MW - 7	06/20/12	3,507.38	-	18.52	0.00	3,488.86
MW - 7	06/26/12	3,507.38	-	18.55	0.00	3,488.83
MW - 7	07/11/12	3,507.38	-	18.73	0.00	3,488.65
MW - 7	07/18/12	3,507.38	-	18.80	0.00	3,488.58
MW - 7	08/02/12	3,507.38	-	18.88	0.00	3,488.50
MW - 7	08/07/12	3,507.38	-	18.91	0.00	3,488.47
MW - 7	08/17/12	3,507.38	-	18.94	0.00	3,488.44
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

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

TABLE 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	12/24/13	3,507.38	-	18.96	0.00	3,488.42
MW - 7	01/03/14	3,507.38	-	19.07	0.00	3,488.31
MW - 7	01/06/14	3,507.38	-	19.03	0.00	3,488.35
MW - 7	01/13/14	3,507.38	-	19.06	0.00	3,488.32
MW - 7	01/21/14	3,507.38	-	18.99	0.00	3,488.39
MW - 7	01/27/14	3,507.38	-	18.99	0.00	3,488.39
MW - 7	02/05/14	3,507.54	-	18.84	0.00	3,488.70
MW - 7	02/10/14	3,507.54	-	18.85	0.00	3,488.69
MW - 7	02/24/14	3,507.54	-	18.80	0.00	3,488.74
MW - 7	03/17/14	3,507.54	-	18.80	0.00	3,488.74
MW - 7	03/25/14	3,507.54	-	18.82	0.00	3,488.72
MW - 7	04/02/14	3,507.54	-	18.85	0.00	3,488.69
MW - 7	04/16/14	3,507.54	-	18.68	0.00	3,488.86
MW - 7	04/22/14	3,507.54	-	18.70	0.00	3,488.84
MW - 7	04/29/14	3,507.54	-	18.83	0.00	3,488.71
MW - 7	05/06/14	3,507.54	-	18.79	0.00	3,488.75
MW - 7	05/07/14	3,507.54	-	18.84	0.00	3,488.70
MW - 7	05/13/14	3,507.54	-	18.80	0.00	3,488.74
MW - 7	05/21/14	3,507.54	-	18.78	0.00	3,488.76
MW - 7	05/29/14	3,507.54	-	18.80	0.00	3,488.74
MW - 7	06/05/14	3,507.54	-	18.86	0.00	3,488.68
MW - 7	06/11/14	3,507.54	-	19.00	0.00	3,488.54
MW - 7	06/16/14	3,507.54	-	18.96	0.00	3,488.58
MW - 7	06/24/14	3,507.54	-	19.12	0.00	3,488.42
MW - 7	07/01/14	3,507.54	-	19.11	0.00	3,488.43
MW - 7	07/08/14	3,507.54	-	19.28	0.00	3,488.26
MW - 7	07/15/14	3,507.54	-	19.22	0.00	3,488.32
MW - 7	07/22/14	3,507.54	-	19.34	0.00	3,488.20
MW - 7	07/23/14	3,507.54	-	19.34	0.00	3,488.20
MW - 7	07/31/14	3,507.54	-	19.39	0.00	3,488.15
MW - 7	08/07/14	3,507.54	-	19.23	0.00	3,488.31
MW - 7	08/13/14	3,507.54	-	19.29	0.00	3,488.25
MW - 7	08/16/14	3,507.54	-	24.60	0.00	3,482.94
MW - 7	08/20/14	3,507.54	-	19.33	0.00	3,488.21
MW - 7	08/27/14	3,507.54	-	19.35	0.00	3,488.19
MW - 7	09/26/14	3,507.54	-	17.79	0.00	3,489.75
MW - 7	10/01/14	3,507.54	-	17.92	0.00	3,489.62
MW - 7	10/07/14	3,507.54	-	17.93	0.00	3,489.61
MW - 7	10/14/14	3,507.54	-	18.01	0.00	3,489.53
MW - 7	10/20/14	3,507.54	-	18.14	0.00	3,489.40

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	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
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

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	08/04/15	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
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

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	05/12/16	3,507.54	-	17.82	0.00	3,489.72
MW - 7	05/16/16	3,507.54	-	17.81	0.00	3,489.73
MW - 7	05/23/16	3,507.54	-	18.03	0.00	3,489.51
MW - 7	06/01/16	3,507.54	-	18.01	0.00	3,489.53
MW - 7	06/07/16	3,507.54	-	18.05	0.00	3,489.49
MW - 7	06/13/16	3,507.54	-	18.03	0.00	3,489.51
MW - 7	06/17/16	3,507.54	-	18.22	0.00	3,489.32
MW - 7	06/28/16	3,507.54	-	18.22	0.00	3,489.32
MW - 7	07/07/16	3,507.54	-	18.31	0.00	3,489.23
MW - 7	07/12/16	3,507.54	-	18.38	0.00	3,489.16
MW - 7	07/19/16	3,507.54	-	18.44	0.00	3,489.10
MW - 7	08/01/16	3,507.54	-	18.72	0.00	3,488.82
MW - 7	08/08/16	3,507.54	-	18.68	0.00	3,488.86
MW - 7	08/18/16	Plugged and Abandoned				
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

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	05/10/17	100.00	-	18.51	0.00	81.49
MW - 7A	06/05/17	100.00	-	18.62	0.00	81.38
MW - 7A	06/14/17	100.00	-	18.68	0.00	81.32
MW - 7A	06/22/17	100.00	-	18.76	0.00	81.24
MW - 7A	06/29/17	100.00	-	18.83	0.00	81.17
MW - 7A	07/05/17	100.00	-	18.90	0.00	81.10
MW - 7A	07/14/17	100.00	-	18.98	0.00	81.02
MW - 7A	07/18/17	100.00	-	19.00	0.00	81.00
MW - 7A	07/22/17	100.00	-	19.05	0.00	80.95
MW - 7A	08/11/17	100.00	-	18.91	0.00	81.09
MW - 7A	08/15/17	100.00	-	18.81	0.00	81.19
MW - 7A	09/01/17	100.00	-	18.64	0.00	81.36
MW - 7A	09/08/17	100.00	-	18.63	0.00	81.37
MW - 7A	09/15/17	100.00	-	18.72	0.00	81.28
MW - 7A	09/22/17	100.00	-	18.80	0.00	81.20
MW - 7A	10/06/17	100.00	-	18.65	0.00	81.35
MW - 7A	10/13/17	100.00	-	18.63	0.00	81.37
MW - 7A	10/18/17	100.00	-	18.63	0.00	81.37
MW - 7A	10/26/17	100.00	-	18.63	0.00	81.37
MW - 7A	11/02/17	100.00	-	18.64	0.00	81.36
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

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	05/10/18	100.00	-	18.59	0.00	81.41
MW - 7A	05/25/18	100.00	-	18.76	0.00	81.24
MW - 7A	05/31/18	100.00	-	18.83	0.00	81.17
MW - 7A	06/06/18	100.00	-	18.90	0.00	81.10
MW - 7A	06/13/18	100.00	-	18.96	0.00	81.04
MW - 7A	06/22/18	100.00	-	19.02	0.00	80.98
MW - 7A	07/05/18	100.00	-	19.13	0.00	80.87
MW - 7A	07/11/18	100.00	-	19.14	0.00	80.86
MW - 7A	07/19/18	100.00	-	19.20	0.00	80.80
MW - 7A	08/03/18	100.00	-	19.29	0.00	80.71
MW - 7A	08/17/18	100.00	-	19.35	0.00	80.65
MW - 7A	08/23/18	100.00	-	19.37	0.00	80.63
MW - 7A	08/30/18	100.00	-	19.40	0.00	80.60
MW - 7A	09/13/18	100.00	-	19.34	0.00	80.66
MW - 7A	09/19/18	100.00	-	19.29	0.00	80.71
MW - 7A	10/17/18	100.00	-	19.31	0.00	80.69
MW - 7A	11/19/18	100.00	-	19.00	0.00	81.00
MW - 7A	11/26/18	100.00	-	19.00	0.00	81.00
MW - 7A	12/07/18	100.00	-	18.99	0.00	81.01
MW - 7A	12/13/18	100.00	-	18.99	0.00	81.01
MW - 7A	12/19/18	100.00	-	18.98	0.00	81.02
MW - 7A	01/02/19	100.00	-	18.97	0.00	81.03
MW - 7A	01/08/19	100.00	-	18.98	0.00	81.02
MW - 7A	01/15/19	100.00	-	18.93	0.00	81.07
MW - 7A	01/22/19	100.00	-	18.93	0.00	81.07
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

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	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
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

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	03/16/06	3,512.14	WELL INSTALLED 3/16/2006			N/A
MW - 8	03/22/06	3,512.14	-	22.87	0.00	3,489.27
MW - 8	05/23/06	3,512.14	-	23.23	0.00	3,488.91
MW - 8	07/20/06	3,512.14	-	23.62	0.00	3,488.52
MW - 8	08/09/06	3,512.14	-	23.48	0.00	3,488.66
MW - 8	10/18/06	3,512.14	-	23.04	0.00	3,489.10
MW - 8	11/27/06	3,512.14	-	23.00	0.00	3,489.14
MW - 8	12/11/06	3,512.14	-	23.00	0.00	3,489.14
MW - 8	01/04/07	3,512.14	-	22.92	0.00	3,489.22
MW - 8	02/16/07	3,512.14	-	22.81	0.00	3,489.33
MW - 8	03/20/07	3,512.14	-	22.77	0.00	3,489.37
MW - 8	06/04/07	3,512.14	-	22.66	0.00	3,489.48
MW - 8	08/22/07	3,512.14	-	23.34	0.00	3,488.80
MW - 8	11/29/07	3,512.14	-	23.04	0.00	3,489.10
MW - 8	02/26/08	3,512.14	-	22.88	0.00	3,489.26
MW - 8	05/22/08	3,512.14	-	22.84	0.00	3,489.30
MW - 8	08/28/08	3,512.14	-	23.58	0.00	3,488.56
MW - 8	11/20/08	3,512.14	-	23.15	0.00	3,488.99
MW - 8	02/16/09	3,512.14	-	22.98	0.00	3,489.16
MW - 8	05/29/09	3,512.14	-	22.92	0.00	3,489.22
MW - 8	08/06/09	3,512.14	-	23.41	0.00	3,488.73
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

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	05/07/14	3,513.26	-	23.65	0.00	3,489.61
MW - 8	07/22/14	3,513.26	-	24.26	0.00	3,489.00
MW - 8	08/16/14	3,513.26	-	24.36	0.00	3,488.90
MW - 8	10/27/14	3,513.26	-	23.36	0.00	3,489.90
MW - 8	11/11/14	3,513.26	-	23.34	0.00	3,489.92
MW - 8	02/12/15	3,513.26	-	23.26	0.00	3,490.00
MW - 8	03/09/15	3,513.26	-	23.23	0.00	3,490.03
MW - 8	04/04/15	3,513.26	-	23.20	0.00	3,490.06
MW - 8	05/18/15	3,513.26	-	23.08	0.00	3,490.18
MW - 8	06/18/15	3,513.26	-	23.01	0.00	3,490.25
MW - 8	07/03/15	3,513.26	-	23.03	0.00	3,490.23
MW - 8	08/17/15	3,513.26	-	23.40	0.00	3,489.86
MW - 8	09/24/15	3,513.26	-	23.56	0.00	3,489.70
MW - 8	10/23/15	3,513.26	-	23.42	0.00	3,489.84
MW - 8	11/12/15	3,513.26	-	23.27	0.00	3,489.99
MW - 8	12/10/15	3,513.26	-	23.20	0.00	3,490.06
MW - 8	01/08/16	3,513.26	-	23.09	0.00	3,490.17
MW - 8	02/04/16	3,513.26	-	23.06	0.00	3,490.20
MW - 8	03/10/16	3,513.26	-	23.00	0.00	3,490.26
MW - 8	04/26/16	3,513.26	-	22.89	0.00	3,490.37
MW - 8	05/04/16	3,513.26	-	22.88	0.00	3,490.38
MW - 8	06/28/16	3,513.26	-	23.12	0.00	3,490.14
MW - 8	07/12/16	3,513.26	-	23.29	0.00	3,489.97
MW - 8	08/17/16	3,513.26	-	0.00	0.00	3,513.26
MW - 8	08/24/16	3,513.26	-	23.63	0.00	3,489.63
MW - 8	09/07/16	3,513.26	-	23.20	0.00	3,490.06
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

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	11/09/17	3,513.26	-	22.69	0.00	3,490.57
MW - 8	12/21/17	3,513.26	-	22.61	0.00	3,490.65
MW - 8	01/09/18	3,513.26	-	22.59	0.00	3,490.67
MW - 8	02/08/18	3,513.26	-	22.56	0.00	3,490.70
MW - 8	03/07/18	3,513.26	-	22.53	0.00	3,490.73
MW - 8	04/12/18	3,513.26	-	22.46	0.00	3,490.80
MW - 8	05/03/18	3,513.26	-	22.46	0.00	3,490.80
MW - 8	06/06/18	3,513.26	-	22.80	0.00	3,490.46
MW - 8	06/06/18	3,513.26	-	22.80	0.00	3,490.46
MW - 8	07/11/18	3,513.26	-	23.08	0.00	3,490.18
MW - 8	08/22/18	3,513.26	-	23.35	0.00	3,489.91
MW - 8	09/13/18	3,513.26	-	23.41	0.00	3,489.85
MW - 8	11/26/18	3,513.26	-	23.04	0.00	3,490.22
MW - 8	12/13/18	3,513.26	-	22.98	0.00	3,490.28
MW - 8	01/02/19	3,513.26	-	22.94	0.00	3,490.32
MW - 8	02/06/19	3,513.26	-	22.85	0.00	3,490.41
MW - 8	03/06/19	3,513.26	-	22.80	0.00	3,490.46
MW - 8	04/05/19	3,513.26	-	22.74	0.00	3,490.52
MW - 8	05/08/19	3,513.26	-	22.64	0.00	3,490.62
MW - 8	06/12/19	3,513.26	-	22.82	0.00	3,490.44
MW - 8	07/04/19	3,513.26	-	23.10	0.00	3,490.16
MW - 8	08/08/19	3,513.26	-	23.32	0.00	3,489.94
MW - 8	09/12/19	3,513.26	-	23.52	0.00	3,489.74
MW - 8	10/08/19	3,513.26	-	23.45	0.00	3,489.81
MW - 8	11/26/19	3,513.26	-	23.14	0.00	3,490.12
MW - 8	12/09/19	3,513.26	-	23.10	0.00	3,490.16
MW - 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

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	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
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 - 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
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

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	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
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

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	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
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

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	01/27/21	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 - 10	03/16/06	3,506.66	WELL INSTALLED 3/16/2006			N/A
MW - 10	03/22/06	3,506.66	-	18.22	0.00	3,488.44
MW - 10	05/23/06	3,506.66	-	18.57	0.00	3,488.09
MW - 10	07/20/06	3,506.66	-	18.98	0.00	3,487.68
MW - 10	08/09/06	3,506.66	-	18.78	0.00	3,487.88
MW - 10	10/18/06	3,506.66	-	18.37	0.00	3,488.29
MW - 10	11/27/06	3,506.66	-	18.30	0.00	3,488.36
MW - 10	12/11/06	3,506.66	-	18.33	0.00	3,488.33
MW - 10	01/04/07	3,506.66	-	18.28	0.00	3,488.38
MW - 10	02/16/07	3,506.66	-	18.16	0.00	3,488.50
MW - 10	03/20/07	3,506.66	-	18.10	0.00	3,488.56
MW - 10	06/04/07	3,506.66	-	18.04	0.00	3,488.62
MW - 10	08/22/07	3,506.66	-	18.73	0.00	3,487.93
MW - 10	11/29/07	3,506.66	-	18.40	0.00	3,488.26
MW - 10	02/26/08	3,506.66	-	18.30	0.00	3,488.36
MW - 10	05/22/08	3,506.66	-	18.28	0.00	3,488.38
MW - 10	08/28/08	3,506.66	-	19.01	0.00	3,487.65
MW - 10	11/20/08	3,506.66	-	18.57	0.00	3,488.09
MW - 10	02/16/09	3,506.66	-	18.42	0.00	3,488.24
MW - 10	05/29/09	3,506.66	-	18.47	0.00	3,488.19
MW - 10	08/06/09	3,506.66	-	18.84	0.00	3,487.82
MW - 10	11/10/09	3,506.66	-	19.20	0.00	3,487.46
MW - 10	01/05/10	3,506.66	-	19.12	0.00	3,487.54
MW - 10	02/04/10	3,506.66	-	19.05	0.00	3,487.61
MW - 10	05/06/10	3,506.66	-	19.16	0.00	3,487.50
MW - 10	08/05/10	3,506.66	-	18.17	0.00	3,488.49

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	11/04/10	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
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

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	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
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

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	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
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

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	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
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

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	05/29/15	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
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

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	03/03/16	3,507.79	-	18.45	0.00	3,489.34
MW-10	03/07/16	3,507.79	-	18.41	0.00	3,489.38
MW-10	03/10/16	3,507.79	-	18.45	0.00	3,489.34
MW-10	03/15/16	3,507.79	-	18.40	0.00	3,489.39
MW-10	03/21/16	3,507.79	-	18.41	0.00	3,489.38
MW-10	03/28/16	3,507.79	-	18.40	0.00	3,489.39
MW-10	04/06/16	3,507.79	-	18.41	0.00	3,489.38
MW-10	04/12/16	3,507.79	-	18.38	0.00	3,489.41
MW-10	04/18/16	3,507.79	-	18.36	0.00	3,489.43
MW-10	04/26/16	3,507.79	-	18.34	0.00	3,489.45
MW-10	05/02/16	3,507.79	-	18.33	0.00	3,489.46
MW-10	05/04/16	3,507.79	-	18.35	0.00	3,489.44
MW-10	05/12/16	3,507.79	-	18.34	0.00	3,489.45
MW-10	05/16/16	3,507.79	-	18.33	0.00	3,489.46
MW-10	05/23/16	3,507.79	-	18.32	0.00	3,489.47
MW-10	06/01/16	3,507.79	-	18.33	0.00	3,489.46
MW-10	06/07/16	3,507.79	-	18.42	0.00	3,489.37
MW-10	06/13/16	3,507.79	-	18.35	0.00	3,489.44
MW-10	06/17/16	3,507.79	-	18.51	0.00	3,489.28
MW-10	06/28/16	3,507.79	-	18.53	0.00	3,489.26
MW-10	07/07/16	3,507.79	-	18.67	0.00	3,489.12
MW-10	07/12/16	3,507.79	-	18.78	0.00	3,489.01
MW-10	07/19/16	3,507.79	-	18.72	0.00	3,489.07
MW-10	08/01/16	3,507.79	-	18.96	0.00	3,488.83
MW-10	08/08/16	3,507.79	-	18.98	0.00	3,488.81
MW-10	08/24/16	3,507.79	-	19.04	0.00	3,488.75
MW-10	08/31/16	3,507.79	-	17.76	0.00	3,490.03
MW-10	09/07/16	3,507.79	-	17.21	0.00	3,490.58
MW-10	09/13/16	3,507.79	-	17.55	0.00	3,490.24
MW-10	09/22/16	3,507.79	-	16.99	0.00	3,490.80
MW-10	10/14/16	3,507.79	-	17.68	0.00	3,490.11
MW-10	10/26/16	3,507.79	-	17.82	0.00	3,489.97
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

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	02/01/17	3,507.79	-	17.97	0.00	3,489.82
MW-10	02/08/17	3,507.79	-	17.97	0.00	3,489.82
MW-10	03/09/17	3,507.79	-	17.96	0.00	3,489.83
MW-10	03/14/17	3,507.79	-	17.95	0.00	3,489.84
MW-10	03/22/17	3,507.79	-	17.95	0.00	3,489.84
MW-10	04/11/17	3,507.79	-	17.93	0.00	3,489.86
MW-10	04/18/17	3,507.79	-	17.91	0.00	3,489.88
MW-10	05/02/17	3,507.79	-	17.89	0.00	3,489.90
MW-10	05/10/17	3,507.79	-	17.91	0.00	3,489.88
MW-10	06/05/17	3,507.79	-	18.05	0.00	3,489.74
MW-10	06/14/17	3,507.79	-	18.10	0.00	3,489.69
MW-10	06/22/17	3,507.79	-	18.17	0.00	3,489.62
MW-10	06/29/17	3,507.79	-	18.26	0.00	3,489.53
MW-10	07/05/17	3,507.79	-	18.31	0.00	3,489.48
MW-10	07/14/17	3,507.79	-	18.41	0.00	3,489.38
MW-10	07/18/17	3,507.79	-	18.44	0.00	3,489.35
MW-10	07/22/17	3,507.79	-	18.49	0.00	3,489.30
MW-10	08/11/17	3,507.79	-	18.25	0.00	3,489.54
MW-10	08/15/17	3,507.79	-	18.15	0.00	3,489.64
MW-10	09/01/17	3,507.79	-	17.93	0.00	3,489.86
MW-10	09/08/17	3,507.79	-	17.99	0.00	3,489.80
MW-10	09/15/17	3,507.79	-	18.09	0.00	3,489.70
MW-10	09/22/17	3,507.79	-	18.19	0.00	3,489.60
MW-10	10/06/17	3,507.79	-	17.98	0.00	3,489.81
MW-10	10/13/17	3,507.79	-	17.97	0.00	3,489.82
MW-10	10/18/17	3,507.79	-	17.99	0.00	3,489.80
MW-10	10/26/17	3,507.79	-	17.98	0.00	3,489.81
MW-10	11/02/17	3,507.79	-	18.01	0.00	3,489.78
MW-10	11/09/17	3,507.79	-	18.03	0.00	3,489.76
MW-10	12/08/17	3,507.79	-	18.07	0.00	3,489.72
MW-10	12/13/17	3,507.79	-	18.05	0.00	3,489.74
MW-10	12/21/17	3,507.79	-	18.04	0.00	3,489.75
MW-10	01/05/18	3,507.79	-	18.05	0.00	3,489.74
MW-10	01/09/18	3,507.79	-	18.03	0.00	3,489.76
MW-10	01/17/18	3,507.79	-	18.05	0.00	3,489.74
MW-10	01/24/18	3,507.79	-	18.03	0.00	3,489.76
MW-10	02/08/18	3,507.79	-	18.00	0.00	3,489.79
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

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

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	05/03/19	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
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

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	11/19/21	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 - 11	08/22/07	-	-	20.71	0.00	-
MW - 11	11/29/07	-	-	20.35	0.00	-
MW - 11	02/26/08	-	-	20.24	0.00	-
MW - 11	05/22/08	-	-	20.17	0.00	-
MW - 11	08/28/08	-	-	20.85	0.00	-
MW - 11	11/20/08	-	-	20.51	0.00	-
MW - 11	02/16/09	-	-	20.36	0.00	-
MW - 11	05/29/09	-	-	20.46	0.00	-
MW - 11	08/06/09	-	-	20.83	0.00	-
MW - 11	11/10/09	-	-	21.14	0.00	-
MW - 11	01/05/10	-	-	21.05	0.00	-
MW - 11	02/04/10	-	-	20.98	0.00	-
MW - 11	05/06/10	-	-	21.06	0.00	-
MW - 11	08/05/10	-	-	21.12	0.00	-
MW - 11	11/04/10	-	-	21.15	0.00	-
MW - 11	02/09/11	-	-	21.15	0.00	-
MW - 11	05/03/11	-	-	21.15	0.00	-
MW - 11	08/02/11	-	-	21.12	0.00	-
MW - 11	11/21/11	-	-	21.27	0.00	-
MW - 11	02/13/12	-	-	21.09	0.00	-
MW - 11	05/24/12	-	-	20.96	0.00	-
MW - 11	08/07/12	-	-	21.40	0.00	-
MW - 11	11/14/12	-	-	21.39	0.00	-
MW - 11	02/14/13	Damaged	-	-	-	-
MW - 11	2/26/2013*	-	-	17.71	0.00	-
MW - 11	05/09/13	Damaged	-	-	-	-
MW - 11	08/08/13	Damaged	-	-	-	-
MW - 11	11/21/13	Damaged	-	-	-	-
MW - 11	02/04/14	Plugged and Abandoned		-	-	-
MW - 11A	02/24/14	3,509.52	-	21.93	0.00	3,487.59
MW - 11A	05/07/14	3,509.52	-	21.83	0.00	3,487.69
MW - 11A	07/22/14	3,509.52	-	22.50	0.00	3,487.02
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

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

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	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
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 - 12	02/24/14	3,508.49	-	20.63	0.00	3,487.86

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	05/07/14	3,508.49	-	20.51	0.00	3,487.98
MW - 12	07/22/14	3,508.49	-	21.12	0.00	3,487.37
MW - 12	08/16/14	3,508.49	-	21.20	0.00	3,487.29
MW - 12	10/27/14	3,508.49	-	19.80	0.00	3,488.69
MW - 12	11/11/14	3,508.49	-	19.73	0.00	3,488.76
MW - 12	02/12/15	3,508.49	-	19.96	0.00	3,488.53
MW - 12	03/09/15	3,508.49	-	19.95	0.00	3,488.54
MW - 12	04/04/15	3,508.49	-	19.93	0.00	3,488.56
MW - 12	05/18/15	3,508.49	-	19.64	0.00	3,488.85
MW - 12	06/18/15	3,508.49	-	21.04	0.00	3,487.45
MW - 12	07/03/15	3,508.49	-	19.61	0.00	3,488.88
MW - 12	08/17/15	3,508.49	-	20.10	0.00	3,488.39
MW - 12	09/24/15	3,508.49	-	20.19	0.00	3,488.30
MW - 12	10/23/15	3,508.49	-	19.98	0.00	3,488.51
MW - 12	11/12/15	3,508.49	-	19.82	0.00	3,488.67
MW - 12	12/10/15	3,508.49	-	19.84	0.00	3,488.65
MW - 12	01/08/16	3,508.49	-	19.79	0.00	3,488.70
MW - 12	02/04/16	3,508.49	-	19.76	0.00	3,488.73
MW - 12	03/10/16	3,508.49	-	19.68	0.00	3,488.81
MW - 12	04/26/16	3,508.49	-	19.61	0.00	3,488.88
MW - 12	05/04/16	3,508.49	-	19.62	0.00	3,488.87
MW - 12	06/28/16	3,508.49	-	19.80	0.00	3,488.69
MW - 12	07/12/16	3,508.49	-	20.02	0.00	3,488.47
MW - 12	08/24/16	3,508.49	-	20.31	0.00	3,488.18
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

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	12/21/17	3,508.49	-	19.27	0.00	3,489.22
MW - 12	01/09/18	3,508.49	-	19.25	0.00	3,489.24
MW - 12	02/08/18	3,508.49	-	19.25	0.00	3,489.24
MW - 12	03/07/18	3,508.49	-	19.23	0.00	3,489.26
MW - 12	04/12/18	3,508.49	-	19.18	0.00	3,489.31
MW - 12	05/03/18	3,508.49	-	19.23	0.00	3,489.26
MW - 12	06/06/18	3,508.49	-	19.56	0.00	3,488.93
MW - 12	07/11/18	3,508.49	-	19.82	0.00	3,488.67
MW - 12	08/22/18	3,508.49	-	20.07	0.00	3,488.42
MW - 12	09/13/18	3,508.49	-	19.96	0.00	3,488.53
MW - 12	11/26/18	3,508.49	-	19.60	0.00	3,488.89
MW - 12	12/13/18	3,508.49	-	19.62	0.00	3,488.87
MW - 12	01/02/19	3,508.49	-	19.59	0.00	3,488.90
MW - 12	02/06/19	3,508.49	-	19.55	0.00	3,488.94
MW - 12	03/06/19	3,508.49	-	19.50	0.00	3,488.99
MW - 12	04/05/19	3,508.49	-	19.40	0.00	3,489.09
MW - 12	05/08/19	3,508.49	-	19.35	0.00	3,489.14
MW - 12	06/12/19	3,508.49	-	19.58	0.00	3,488.91
MW - 12	07/04/19	3,508.49	-	19.88	0.00	3,488.61
MW - 12	08/08/19	3,508.49	-	20.04	0.00	3,488.45
MW - 12	09/12/19	3,508.49	-	20.18	0.00	3,488.31
MW - 12	10/08/19	3,508.49	-	19.71	0.00	3,488.78
MW - 12	11/26/19	3,508.49	-	19.60	0.00	3,488.89
MW - 12	12/09/19	3,508.49	-	19.66	0.00	3,488.83
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

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	11/09/21	3,508.49	-	20.68	0.00	3,487.81

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

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

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	02/27/03	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	
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	

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	02/14/13	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	
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	

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	02/27/03	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	
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	

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)	Ethylbenzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		0.01 (mg/L)	0.75 (mg/L)	0.75 (mg/L)	0.62 (mg/L)	
MW - 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	
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	

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	05/25/04	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				
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				

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	05/09/13	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	
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	

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	05/25/04	0.1780	0.0209	0.6540	0.6390	
MW - 5	07/26/04	0.0934	0.00204	0.4840	0.1143	
MW - 5	10/04/04	0.0692	<0.001	0.1990	0.0286	
MW - 5	12/17/04	0.1400	<0.001	0.2280	0.0090	
MW - 5	03/29/05	0.0381	<0.001	0.1250	0.0067	
MW - 5	05/11/05	0.0250	<0.001	0.1190	<0.002	
MW - 5	08/16/05	0.0600	<0.001	0.0341	0.0030	
MW - 5	11/15/05	0.0106	<0.001	0.0376	<0.002	
MW - 5	02/15/06	0.0121	<0.001	0.0341	<0.002	
MW - 5	05/23/06	0.0095	<0.001	0.0105	<0.002	
MW - 5	08/09/06	0.0285	<0.001	0.0034	0.0030	
MW - 5	11/27/06	0.0371	0.0016	0.0048	0.0042	
MW - 5	03/20/07	0.0063	<0.001	0.0195	<0.001	
MW - 5	06/04/07	0.0065	<0.001	0.0200	<0.001	
MW - 5	08/22/07	0.0057	<0.001	0.0079	<0.001	
MW - 5	11/29/07	0.0176	0.0016	0.0273	0.0212	
MW - 5	02/26/08	0.0112	<0.001	0.0225	<0.001	
MW - 5	05/22/08	0.0053	<0.001	0.0098	0.0018	
MW - 5	08/28/08	0.0189	<0.001	0.0098	0.0021	
MW - 5	11/20/08	0.0282	<0.001	0.0106	0.0206	
MW - 5	02/16/09	0.0096	<0.005	0.0090	<0.005	
MW - 5	05/29/09	0.0133	<0.001	0.0065	0.0090	
MW - 5	08/06/09	0.0229	<0.001	0.0083	<0.001	
MW - 5	11/10/09	0.0231	<0.001	0.0016	0.0017	
MW - 5	02/04/10	0.0245	<0.001	0.0026	0.0042	
MW - 5	05/06/10	0.0267	<0.001	<0.001	<0.001	
MW - 5	08/05/10	0.0358	<0.001	0.0149	0.0057	
MW - 5	11/04/10	0.0223	<0.001	0.0206	0.0109	
MW - 5	02/09/11	0.0966	<0.001	0.3440	0.0325	
MW - 5	05/03/11	0.0849	<0.001	0.0085	0.0130	
MW - 5	08/02/11	0.1010	<0.001	0.0686	0.0371	
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	

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	02/14/13	0.0201	<0.00500	<0.00500	<0.00500	
MW - 5	05/09/13	0.00890	<0.00100	0.0103	<0.00100	
MW - 5	08/08/13	0.0122	<0.00100	0.0048	<0.00100	
MW - 5	11/21/13	0.0245	<0.00100	0.00490	<0.00300	
MW - 5	02/24/14	0.0306	<0.00500	<0.00500	<0.0150	
MW - 5	05/07/14	0.0235	<0.00100	0.00650	<0.00300	
MW - 5	08/16/14	0.0279	<0.00100	0.01030	0.0047	
MW - 5	11/11/14	0.0548	<0.0500	0.331	0.0648	
MW - 5	02/12/15	0.1100	<0.00100	0.321	0.0227	
MW - 5	05/18/15	0.0858	<0.00100	0.259	0.0275	
MW - 5	08/17/15	0.0162	<0.00100	0.0149	0.00140	
MW - 5	11/12/15	0.0433	<0.00100	0.0550	<0.00100	
MW - 5	02/04/16	0.0364	<0.00100	0.0351	<0.00100	
MW - 5	05/04/16	0.0188	<0.00100	0.0146	<0.00100	
MW - 5	08/17/16	Plugged and Abandoned				
MW - 5A	08/24/16	0.159	<0.0500	0.429	0.327	
MW - 5A	11/07/16	0.0550	<0.00100	0.0234	0.00400	
MW - 5A	02/08/17	0.102	<0.00200	0.0673	0.00734	
MW - 5A	05/10/17	0.0936	<0.00200	0.0477	0.0124	
MW - 5A	08/15/17	0.00676	<0.00200	0.00272	0.00729	
MW - 5A	11/09/17	0.0311	<0.00200	<0.00200	<0.00400	
MW - 5A	02/08/18	0.00518	<0.00200	0.00100	<0.00400	
MW - 5A	05/03/18	0.0109	<0.00200	0.00618	0.00669	
MW - 5A	08/22/18	0.00978	<0.0100	<0.00500	0.0269	
MW - 5A	11/26/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 5A	02/06/19	0.0114	0.00146	0.00235	0.00795	
MW - 5A	05/08/19	0.0117	<0.00100	0.00139	0.00287	
MW - 5A	08/08/19	0.0382	0.00137	0.0374	0.07098	
MW - 5A	11/26/19	0.0184	<0.00100	0.00204	0.00237	
MW - 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	

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	11/09/21	0.00236	0.00153	0.00174	0.00673	
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	
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	

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	11/14/12	<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				
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	

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	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 - 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	
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	

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	08/07/12	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	
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	

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 - 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 - 8	03/22/06	0.0079	0.00399	0.0173	0.0187	
MW - 8	05/23/06	<0.001	<0.001	0.0129	<0.002	
MW - 8	08/09/06	<0.001	<0.001	0.0220	<0.002	
MW - 8	11/27/06	<0.001	<0.001	0.0131	<0.002	
MW - 8	03/20/07	<0.001	<0.001	0.0121	<0.001	
MW - 8	06/04/07	<0.001	<0.001	<0.001	<0.001	
MW - 8	08/22/07	<0.001	<0.001	<0.001	<0.001	
MW - 8	11/29/07	<0.005	<0.005	<0.005	<0.005	
MW - 8	02/26/08	<0.001	<0.001	<0.001	<0.001	
MW - 8	05/22/08	<0.001	<0.001	<0.001	<0.001	
MW - 8	08/27/08	<0.001	<0.001	<0.001	<0.001	
MW - 8	11/20/08	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/16/09	Not Sampled on Current Sample Schedule				
MW - 8	05/29/09	<0.001	<0.001	<0.001	<0.001	
MW - 8	08/06/09	Not Sampled on Current Sample Schedule				
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				

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	05/07/14	Not Sampled on Current Sample Schedule				
MW - 8	08/06/14	Not Sampled on Current Sample Schedule				
MW - 8	11/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/12/15	Not Sampled on Current Sample Schedule				
MW - 8	05/18/15	Not Sampled on Current Sample Schedule				
MW - 8	08/17/15	Not Sampled on Current Sample Schedule				
MW - 8	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/04/16	Not Sampled on Current Sample Schedule				
MW - 8	05/04/16	Not Sampled on Current Sample Schedule				
MW - 8	08/24/16	Not Sampled on Current Sample Schedule				
MW - 8	11/07/16	<0.00100	<0.00100	0.00170	0.00130	
MW - 8	02/08/17	Not Sampled on Current Sample Schedule				
MW - 8	05/10/17	Not Sampled on Current Sample Schedule				
MW - 8	08/15/17	Not Sampled on Current Sample Schedule				
MW - 8	11/09/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 8	02/08/18	Not Sampled on Current Sample Schedule				
MW - 8	05/03/18	Not Sampled on Current Sample Schedule				
MW - 8	08/23/18	Not Sampled on Current Sample Schedule				
MW - 8	11/26/18	<0.00100	<0.0100	<0.00500	<0.0200	
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 - 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	

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	06/04/07	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/22/07	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/29/07	<0.005	<0.005	<0.005	<0.005	
MW - 9	02/26/08	<0.001	<0.001	<0.001	<0.001	
MW - 9	05/22/08	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/27/08	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/20/08	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/16/09	Not Sampled on Current Sample Schedule				
MW - 9	05/29/09	0.0035	0.003	<0.001	<0.001	
MW - 9	08/06/09	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/10/09	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/04/10	<0.001	<0.001	<0.001	<0.001	
MW - 9	05/06/10	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/05/10	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/04/10	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	05/03/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/02/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/21/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/13/12	<0.001	<0.001	<0.001	<0.001	
MW - 9	05/24/12	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/07/12	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/14/12	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/14/13	Not Sampled on Current Sample Schedule				
MW - 9	05/09/13	Not Sampled on Current Sample Schedule				
MW - 9	08/08/13	Not Sampled on Current Sample Schedule				
MW - 9	11/21/13	<0.00100	<0.00100	<0.00100	<0.00300	
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				

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	08/24/16	Not Sampled on Current Sample Schedule				
MW - 9	11/07/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 9	02/08/17	Not Sampled on Current Sample Schedule				
MW - 9	05/10/17	Not Sampled on Current Sample Schedule				
MW - 9	08/15/17	Not Sampled on Current Sample Schedule				
MW - 9	11/09/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 9	02/08/18	Not Sampled on Current Sample Schedule				
MW - 9	05/03/18	Not Sampled on Current Sample Schedule				
MW - 9	08/23/18	Not Sampled on Current Sample Schedule				
MW - 9	11/26/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 9	02/06/19	Not Sampled on Current Sample Schedule				
MW - 9	05/08/19	Not Sampled on Current Sample Schedule				
MW - 9	08/08/19	Not Sampled on Current Sample Schedule				
MW - 9	11/26/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 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 - 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	

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	05/29/09	0.1420	<0.001	0.0920	0.0407	
MW - 10	08/06/09	0.0944	<0.001	0.0255	0.0181	
MW - 10	11/10/09	0.0272	<0.001	0.0058	0.0019	
MW - 10	02/04/10	0.2200	<0.001	0.0644	0.0223	
MW - 10	05/06/10	0.1650	<0.001	0.1720	0.0611	
MW - 10	08/05/10	0.0152	<0.001	0.0116	0.0062	
MW - 10	11/04/10	0.0398	<0.001	0.1030	0.0361	
MW - 10	02/09/11	0.0334	<0.001	0.0566	0.0321	
MW - 10	05/03/11	0.0265	<0.001	0.0108	0.0034	
MW - 10	08/02/11	0.1340	<0.001	0.0136	0.0193	
MW - 10	11/21/11	0.2520	<0.001	0.0204	<0.001	
MW - 10	02/13/12	0.2080	<0.001	0.0172	0.0248	
MW - 10	05/24/12	0.2690	<0.050	<0.050	<0.050	
MW - 10	08/07/12	0.5270	<0.050	0.0857	<0.050	
MW - 10	11/14/12	0.2440	<0.005	<0.005	<0.005	
MW - 10	02/14/13	0.256	<0.00500	<0.00500	<0.00500	
MW - 10	05/09/13	0.256	<0.00500	<0.00500	<0.00500	
MW - 10	08/08/13	0.300	<0.00500	0.0719	0.0226	
MW - 10	11/21/13	0.362	<0.00100	0.0389	<0.00300	
MW - 10	02/24/14	0.284	<0.00100	0.0317	<0.00300	
MW - 10	05/07/14	0.157	<0.0500	<0.0500	<0.150	
MW - 10	08/16/14	0.231	<0.00100	0.0035	0.00130	
MW - 10	11/11/14	<0.0200	<0.0200	0.0216	<0.0200	
MW - 10	02/12/15	0.0366	<0.0200	0.0258	<0.0200	
MW - 10	05/18/15	0.0154	<0.00100	0.0520	0.0187	
MW - 10	08/17/15	0.102	<0.0500	<0.0500	<0.0500	
MW - 10	11/12/15	0.104	<0.0500	0.1250	0.1090	
MW - 10	02/04/16	0.0827	<0.00100	0.0257	0.0166	
MW - 10	05/04/16	0.0737	<0.00100	0.0214	0.0153	
MW - 10	08/24/16	0.168	<0.0500	0.0246	0.0396	
MW - 10	11/07/16	0.0792	<0.00100	0.0344	0.0240	
MW - 10	02/08/17	0.0746	<0.00200	0.0120	0.0132	
MW - 10	05/10/17	0.113	<0.00200	0.0232	0.0201	
MW - 10	08/15/17	0.223	<0.00200	0.0328	0.0221	
MW - 10	11/09/17	0.203	0.00237	0.0459	0.0226	
MW - 10	02/08/18	0.119	<0.00200	0.0302	0.0180	
MW - 10	05/03/18	0.139	<0.00200	0.0237	0.0151	

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	08/22/18	0.0937	<0.0100	0.00985	<0.0200	
MW - 10	11/26/18	0.0616	<0.0100	<0.00500	<0.0200	
MW - 10	02/06/19	0.0908	<0.0200	<0.0200	<0.0400	
MW - 10	05/08/19	0.0962	<0.00100	0.00523	0.00677	
MW - 10	08/08/19	0.0498	<0.00100	0.00112	0.00201	
MW - 10	11/26/19	0.0278	<0.00100	0.00455	0.00329	
MW - 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 - 11	08/22/07	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	11/29/07	<0.005	<0.005	<0.005	<0.00500	
MW - 11	02/26/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	05/22/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	08/27/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	11/20/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/16/09	Not Sampled				
MW - 11	05/29/09	<0.00100	<0.00100	0.0042	<0.00100	
MW - 11	08/06/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	11/10/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/04/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	05/06/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	08/05/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	11/04/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/09/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	05/03/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	08/02/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	11/21/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/13/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	05/24/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	08/07/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	11/14/12	<0.00100	<0.00100	<0.00100	<0.00100	

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	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	
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	

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	11/09/21	<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	
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	

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	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-1	03/20/07	<0.0002	<0.0002	0.0019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	0.0026	<0.0004	<0.0002	<0.0002	0.0558	---	---	0.0025
MW-1	11/20/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.00216	<0.000185	0.00139	<0.000185	0.010	0.0303	0.00294	0.00134
MW-1	11/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000843	<0.000184	0.00135	0.0101	0.00102	0.000547
MW-1	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	12/15/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00146	<0.000184	0.00143	<0.000184	0.00892	0.0180	0.00719	0.00141
MW-1	11/15/12	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	0.0187	<0.000190	0.0232	<0.000190	0.0268	0.1390	0.0471	0.0165
MW-1	11/21/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0611	0.0629	0.0436	<0.000200
MW-1	11/11/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.044	0.0656	0.0142	<0.000200
MW-1	11/12/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.608	1.07	0.181	<0.000200
MW-1	11/07/16	<0.000200	<0.000200	<0.000200	<0.000721	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-1	11/19/17	0.00267	<0.000166	<0.000166	0.000232	<0.000166	<0.000166	<0.000166	<0.000166	<0.000166	<0.000166	<0.000166	0.00276	<0.000166	0.00230	<0.000166	0.0119		0.00285	
MW-1	11/26/18	<0.00010	0.00072	<0.00010	0.00032	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0027	<0.00010	0.0034	<0.00010	0.0795		0.0028	
MW-1	11/26/19	0.00046	0.00053	0.00040	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	0.000099	<0.000099	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-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	0.000383	<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	0.000833	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-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

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	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-3	11/10/09	<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	0.101	0.818	<0.000200	<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-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.																		
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

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

SAMPLE LOCATION		SAMPLE DATE	EPA SW846-8270C, 3510																	
			Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.			---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---
MW-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	<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-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	<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	<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	
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	

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

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-7	03/20/07	<0.0002	<0.0002	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	0.0009	<0.0004	<0.0002	<0.0002	0.0252	---	---	0.0092
MW-7	11/20/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00125	<0.000184	0.00073	<0.000184	0.0216	0.0212	0.00878	0.00104
MW-7	11/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00169	0.00241	<0.000184	<0.000184
MW-7	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	12/15/11	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000453	<0.000185	0.000372	<0.000185	0.000956	0.00527	0.00127	0.00047
MW-7	11/15/12	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	0.000831	<0.000190	0.000568	<0.000190	0.00968	0.0173	0.00337	0.000826
MW-7	11/21/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.00848	<0.000200	<0.000200	0.0217	<0.000200	<0.000200	<0.000200
MW-7	11/11/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.026	0.0549	0.00821	<0.000200
MW-7	11/12/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.634	1.36	0.188	<0.000200
MW-7	08/17/16	Plugged and Abandoned																		
MW-7A	11/07/16	<0.000200	<0.000200	<0.000200	<0.0000721	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-7A	11/09/17	0.00103	0.000275	<0.000165	<0.000357	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	0.00352	<0.000165	0.00278	<0.000165	0.0222			0.00296
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-8	03/20/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	11/20/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
MW-8	11/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-8	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/11/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/12/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/07/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/09/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/26/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-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-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

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

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-9	11/20/08	<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-10	03/20/07	<0.0002	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0005	<0.0002	<0.0002	<0.0002	0.0085	---	---	0.0005
MW-10	11/20/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000646	0.000828	0.000196	<0.000185
MW-10	11/10/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
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.																		
MW-10	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/09/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	03/20/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11	11/20/08	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	
MW-11	11/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-11	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		

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

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-11	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/11/14	Plugged and Abandoned February 4, 2014																		
MW-11A	11/11/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	
MW-11A	11/12/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	
MW-11A	11/07/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11A	11/09/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11A	11/26/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11A	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11A	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11A	11/09/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/11/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	
MW-12	11/12/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	
MW-12	11/07/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/09/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/26/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/09/21	Not Sampled as part of Quarterly Monitoring Event.																		

APPENDICES

APPENDIX A: 2021 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:

Lab Order Number: 1C24001



NELAP/TCEQ # T104704516-17-8

Report Date: 04/16/21

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

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

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW4A	1C24001-01	Water	03/18/21 16:10	03-24-2021 08:52
MW12	1C24001-02	Water	03/18/21 16:28	03-24-2021 08:52
MW11A	1C24001-03	Water	03/18/21 16:52	03-24-2021 08:52
MW5A	1C24001-04	Water	03/18/21 17:18	03-24-2021 08:52
MW9	1C24001-05	Water	03/18/21 17:42	03-24-2021 08:52
MW2	1C24001-06	Water	03/19/21 11:22	03-24-2021 08:52
MW10	1C24001-07	Water	03/19/21 11:47	03-24-2021 08:52
MW1	1C24001-08	Water	03/19/21 12:10	03-24-2021 08:52
MW7A	1C24001-09	Water	03/19/21 12:28	03-24-2021 08:52
MW3	1C24001-10	Water	03/19/21 13:02	03-24-2021 08:52
MW6A	1C24001-11	Water	03/19/21 13:20	03-24-2021 08:52

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

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

Fax: (432) 520-7701

MW4A
1C24001-01 (Water)

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

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B
Surrogate: 4-Bromofluorobenzene		99.2 %	80-120		P1C2911	03/29/21	03/31/21	EPA 8021B
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1C2911	03/29/21	03/31/21	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

Fax: (432) 520-7701

MW12

1C24001-02 (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	P1C2911	03/29/21	03/31/21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.7 %	80-120		P1C2911	03/29/21	03/31/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		101 %	80-120		P1C2911	03/29/21	03/31/21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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Midland TX, 79705

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

Fax: (432) 520-7701

MW11A

1C24001-03 (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	P1C2911	03/29/21	03/31/21	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B
Surrogate: 4-Bromofluorobenzene		97.1 %	80-120		P1C2911	03/29/21	03/31/21	EPA 8021B
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1C2911	03/29/21	03/31/21	EPA 8021B

Permian Basin Environmental Lab, L.P.

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Project Number: 2002-10286
Project Manager: Curt Stanley

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MW5A

1C24001-04 (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	0.00265	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Toluene	0.00424	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Ethylbenzene	0.00418	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Xylene (p/m)	0.0248	0.00200	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Xylene (o)	0.0150	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>99.4 %</i>	<i>80-120</i>		<i>P1C2911</i>	<i>03/29/21</i>	<i>03/31/21</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>102 %</i>	<i>80-120</i>		<i>P1C2911</i>	<i>03/29/21</i>	<i>03/31/21</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Project Manager: Curt Stanley

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MW9

1C24001-05 (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	0.0151	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.0 %	80-120		P1C2911	03/29/21	03/31/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1C2911	03/29/21	03/31/21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project Manager: Curt Stanley

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MW2

1C24001-06 (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	0.00836	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Toluene	0.00168	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Ethylbenzene	0.00745	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Xylene (p/m)	0.00652	0.00200	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Xylene (o)	0.00294	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.7 %	80-120		P1C2911	03/29/21	03/31/21	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		107 %	80-120		P1C2911	03/29/21	03/31/21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project Manager: Curt Stanley

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MW10

1C24001-07 (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	0.0656	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Ethylbenzene	0.00220	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Xylene (p/m)	0.0136	0.00200	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.1 %	80-120		P1C2911	03/29/21	03/31/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.9 %	80-120		P1C2911	03/29/21	03/31/21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project Manager: Curt Stanley

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MW1

1C24001-08 (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	0.245	0.00500	mg/L	5	P1C2911	03/29/21	03/31/21	EPA 8021B	
Toluene	0.00526	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Ethylbenzene	0.0721	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Xylene (p/m)	0.0470	0.00200	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Xylene (o)	0.0115	0.00100	mg/L	1	P1C2911	03/29/21	03/31/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.9 %	80-120		P1C2911	03/29/21	03/31/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.6 %	80-120		P1C2911	03/29/21	03/31/21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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MW7A

1C24001-09 (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	0.400	0.00500	mg/L	5	P1C2911	03/29/21	03/31/21	EPA 8021B	
Toluene	0.0466	0.00500	mg/L	5	P1C2911	03/29/21	03/31/21	EPA 8021B	
Ethylbenzene	0.0331	0.00500	mg/L	5	P1C2911	03/29/21	03/31/21	EPA 8021B	
Xylene (p/m)	0.116	0.0100	mg/L	5	P1C2911	03/29/21	03/31/21	EPA 8021B	
Xylene (o)	0.0230	0.00500	mg/L	5	P1C2911	03/29/21	03/31/21	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>101 %</i>		<i>80-120</i>	<i>P1C2911</i>	<i>03/29/21</i>	<i>03/31/21</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>97.9 %</i>		<i>80-120</i>	<i>P1C2911</i>	<i>03/29/21</i>	<i>03/31/21</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Project Manager: Curt Stanley

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MW3

1C24001-10 (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	0.495	0.00500	mg/L	5	P1C2911	03/29/21	03/31/21	EPA 8021B	
Toluene	0.0134	0.00500	mg/L	5	P1C2911	03/29/21	03/31/21	EPA 8021B	
Ethylbenzene	0.0219	0.00500	mg/L	5	P1C2911	03/29/21	03/31/21	EPA 8021B	
Xylene (p/m)	0.0904	0.0100	mg/L	5	P1C2911	03/29/21	03/31/21	EPA 8021B	
Xylene (o)	0.00645	0.00500	mg/L	5	P1C2911	03/29/21	03/31/21	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>103 %</i>		<i>80-120</i>	<i>P1C2911</i>	<i>03/29/21</i>	<i>03/31/21</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>97.7 %</i>		<i>80-120</i>	<i>P1C2911</i>	<i>03/29/21</i>	<i>03/31/21</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Project Number: 2002-10286
Project Manager: Curt Stanley

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MW6A

1C24001-11 (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	0.329	0.0100	mg/L	10	P1C2911	03/29/21	03/31/21	EPA 8021B	
Toluene	0.00915	0.00500	mg/L	5	P1C2911	03/29/21	03/31/21	EPA 8021B	
Ethylbenzene	0.115	0.00500	mg/L	5	P1C2911	03/29/21	03/31/21	EPA 8021B	
Xylene (p/m)	0.228	0.0100	mg/L	5	P1C2911	03/29/21	03/31/21	EPA 8021B	
Xylene (o)	0.00515	0.00500	mg/L	5	P1C2911	03/29/21	03/31/21	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>103 %</i>		<i>80-120</i>	<i>P1C2911</i>	<i>03/29/21</i>	<i>03/31/21</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>93.9 %</i>		<i>80-120</i>	<i>P1C2911</i>	<i>03/29/21</i>	<i>03/31/21</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P1C2911 - * DEFAULT PREP *****

Blank (P1C2911-BLK1)

Prepared: 03/29/21 Analyzed: 03/31/21

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.9	80-120			

LCS (P1C2911-BS1)

Prepared: 03/29/21 Analyzed: 03/31/21

Benzene	0.0888	0.00100	mg/L	0.100		88.8	80-120			
Toluene	0.0858	0.00100	"	0.100		85.8	80-120			
Ethylbenzene	0.0800	0.00100	"	0.100		80.0	80-120			
Xylene (p/m)	0.161	0.00200	"	0.200		80.4	80-120			
Xylene (o)	0.0813	0.00100	"	0.100		81.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.4	80-120			

LCS Dup (P1C2911-BSD1)

Prepared: 03/29/21 Analyzed: 03/31/21

Benzene	0.0844	0.00100	mg/L	0.100		84.4	80-120	5.16	20	
Toluene	0.0824	0.00100	"	0.100		82.4	80-120	3.95	20	
Ethylbenzene	0.0814	0.00100	"	0.100		81.4	80-120	1.66	20	
Xylene (p/m)	0.163	0.00200	"	0.200		81.6	80-120	1.47	20	
Xylene (o)	0.0824	0.00100	"	0.100		82.4	80-120	1.34	20	
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.8	80-120			

Calibration Blank (P1C2911-CCB1)

Prepared: 03/29/21 Analyzed: 03/31/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Permian Basin Environmental Lab, L.P.

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Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P1C2911 - * DEFAULT PREP *****

Calibration Blank (P1C2911-CCB2)

Prepared: 03/29/21 Analyzed: 03/31/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		93.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

Calibration Check (P1C2911-CCV1)

Prepared: 03/29/21 Analyzed: 03/31/21

Benzene	0.0870	0.00100	mg/L	0.100		87.0	80-120			
Toluene	0.0848	0.00100	"	0.100		84.8	80-120			
Ethylbenzene	0.0851	0.00100	"	0.100		85.1	80-120			
Xylene (p/m)	0.162	0.00200	"	0.200		80.9	80-120			
Xylene (o)	0.0834	0.00100	"	0.100		83.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.6	80-120			

Calibration Check (P1C2911-CCV2)

Prepared: 03/29/21 Analyzed: 03/31/21

Benzene	0.0826	0.00100	mg/L	0.100		82.6	80-120			
Toluene	0.0850	0.00100	"	0.100		85.0	80-120			
Ethylbenzene	0.0818	0.00100	"	0.100		81.8	80-120			
Xylene (p/m)	0.160	0.00200	"	0.200		80.1	80-120			
Xylene (o)	0.0868	0.00100	"	0.100		86.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Calibration Check (P1C2911-CCV3)

Prepared: 03/29/21 Analyzed: 03/31/21

Benzene	0.0840	0.00100	mg/L	0.100		84.0	80-120			
Toluene	0.0833	0.00100	"	0.100		83.3	80-120			
Ethylbenzene	0.0845	0.00100	"	0.100		84.5	80-120			
Xylene (p/m)	0.161	0.00200	"	0.200		80.5	80-120			
Xylene (o)	0.0806	0.00100	"	0.100		80.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

Permian Basin Environmental Lab, L.P.

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Project Number: 2002-10286
Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P1C2911 - * DEFAULT PREP *****

Matrix Spike (P1C2911-MS1)		Source: 1C24001-01		Prepared: 03/29/21		Analyzed: 03/31/21				
Benzene	0.0899	0.00100	mg/L	0.100	ND	89.9	80-120			
Toluene	0.0845	0.00100	"	0.100	ND	84.5	80-120			
Ethylbenzene	0.0672	0.00100	"	0.100	ND	67.2	80-120			QM-07
Xylene (p/m)	0.135	0.00200	"	0.200	ND	67.7	80-120			QM-07
Xylene (o)	0.0707	0.00100	"	0.100	ND	70.7	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Matrix Spike Dup (P1C2911-MSD1)		Source: 1C24001-01		Prepared: 03/29/21		Analyzed: 03/31/21				
Benzene	0.0898	0.00100	mg/L	0.100	ND	89.8	80-120	0.111	20	
Toluene	0.0853	0.00100	"	0.100	ND	85.3	80-120	0.872	20	
Ethylbenzene	0.0691	0.00100	"	0.100	ND	69.1	80-120	2.69	20	QM-07
Xylene (p/m)	0.140	0.00200	"	0.200	ND	70.2	80-120	3.60	20	QM-07
Xylene (o)	0.0781	0.00100	"	0.100	ND	78.1	80-120	10.1	20	QM-07
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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

Fax: (432) 520-7701

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.

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: 4/16/2021

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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Permian Basin Environmental Lab, LP

Phone: 432-686-7235

2 of 2

Project Manager: Luft Stanley

Company Name

Company Address:

City/State/Zip:

Telephone No.:

Sampler Signature:

Fax No:

e-mail:

Report Format:

☒ Standard

□ TRRP

☐ NPDES

PO #:

Project Location:

Project #2

Project Name:

34 Jan

Page 19 of 19

Released to Imaging: 8/3/2022 7:42:10 AM

**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:

Lab Order Number: 1F04002



Current Certification

Report Date: 06/15/21

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
MW4A	1F04002-01	Water	06/02/21 10:50	06-04-2021 08:43
MW12	1F04002-02	Water	06/02/21 11:13	06-04-2021 08:43
MW11A	1F04002-03	Water	06/02/21 11:31	06-04-2021 08:43
MW5A	1F04002-04	Water	06/02/21 11:58	06-04-2021 08:43
MW2	1F04002-05	Water	06/02/21 12:19	06-04-2021 08:43
MW9	1F04002-06	Water	06/02/21 12:49	06-04-2021 08:43
MW10	1F04002-07	Water	06/02/21 13:14	06-04-2021 08:43
MW1	1F04002-08	Water	06/02/21 13:33	06-04-2021 08:43
MW6A	1F04002-09	Water	06/02/21 13:57	06-04-2021 08:43
MW7A	1F04002-10	Water	06/02/21 14:21	06-04-2021 08:43
MW3	1F04002-11	Water	06/02/21 14:46	06-04-2021 08:43

TRC Solutions- Midland, Texas
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Midland TX, 79705

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

MW4A**1F04002-01 (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	P1F0406	06/04/21 10:36	06/05/21 16:18	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 16:18	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 16:18	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 16:18	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 16:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.9 %		80-120		P1F0406	06/04/21 10:36	06/05/21 16:18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.2 %		80-120		P1F0406	06/04/21 10:36	06/05/21 16:18	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

MW12
1F04002-02 (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	P1F0406	06/04/21 10:36	06/05/21 16:38	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 16:38	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 16:38	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 16:38	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 16:38	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.9 %		80-120		P1F0406	06/04/21 10:36	06/05/21 16:38	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.4 %		80-120		P1F0406	06/04/21 10:36	06/05/21 16:38	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

MW11A
1F04002-03 (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	P1F0406	06/04/21 10:36	06/05/21 16:59	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 16:59	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 16:59	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 16:59	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 16:59	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.3 %		80-120		P1F0406	06/04/21 10:36	06/05/21 16:59	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.6 %		80-120		P1F0406	06/04/21 10:36	06/05/21 16:59	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

MW5A**1F04002-04 (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	P1F0406	06/04/21 10:36	06/05/21 17:19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 17:19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 17:19	EPA 8021B	
Xylene (p/m)	0.00242	0.00200	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 17:19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 17:19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	101 %		80-120		P1F0406	06/04/21 10:36	06/05/21 17:19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.9 %		80-120		P1F0406	06/04/21 10:36	06/05/21 17:19	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

MW2**1F04002-05 (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	0.0109	0.00100	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 17:40	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 17:40	EPA 8021B	
Ethylbenzene	0.00253	0.00100	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 17:40	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 17:40	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F0406	06/04/21 10:36	06/05/21 17:40	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.2 %		80-120		P1F0406	06/04/21 10:36	06/05/21 17:40	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.2 %		80-120		P1F0406	06/04/21 10:36	06/05/21 17:40	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

MW9**1F04002-06 (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	0.00535	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/07/21 17:21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/07/21 17:21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/07/21 17:21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F0703	06/07/21 10:36	06/07/21 17:21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/07/21 17:21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.3 %		80-120		P1F0703	06/07/21 10:36	06/07/21 17:21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.7 %		80-120		P1F0703	06/07/21 10:36	06/07/21 17:21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

MW10
1F04002-07 (Water)

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

Organics by GC

Benzene	0.120	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/07/21 17:42	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/07/21 17:42	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/07/21 17:42	EPA 8021B	
Xylene (p/m)	0.0134	0.00200	mg/L	1	P1F0703	06/07/21 10:36	06/07/21 17:42	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/07/21 17:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.0 %		80-120		P1F0703	06/07/21 10:36	06/07/21 17:42	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.8 %		80-120		P1F0703	06/07/21 10:36	06/07/21 17:42	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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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

MW1**1F04002-08 (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	0.201	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/07/21 18:04	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/07/21 18:04	EPA 8021B	
Ethylbenzene	0.0639	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/07/21 18:04	EPA 8021B	
Xylene (p/m)	0.0147	0.00200	mg/L	1	P1F0703	06/07/21 10:36	06/07/21 18:04	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/07/21 18:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	106 %		80-120		P1F0703	06/07/21 10:36	06/07/21 18:04	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.9 %		80-120		P1F0703	06/07/21 10:36	06/07/21 18:04	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

MW6A
1F04002-09 (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	1.22	0.00500	mg/L	5	P1F0703	06/07/21 10:36	06/07/21 18:25	EPA 8021B	
Toluene	0.00306	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/10/21 11:11	EPA 8021B	
Ethylbenzene	0.125	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/10/21 11:11	EPA 8021B	
Xylene (p/m)	0.159	0.00200	mg/L	1	P1F0703	06/07/21 10:36	06/10/21 11:11	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/10/21 11:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	103 %		80-120		P1F0703	06/07/21 10:36	06/10/21 11:11	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.2 %		80-120		P1F0703	06/07/21 10:36	06/10/21 11:11	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

MW7A**1F04002-10 (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	0.357	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/10/21 11:33	EPA 8021B	
Toluene	0.00293	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/10/21 11:33	EPA 8021B	
Ethylbenzene	0.0159	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/10/21 11:33	EPA 8021B	
Xylene (p/m)	0.0327	0.00200	mg/L	1	P1F0703	06/07/21 10:36	06/10/21 11:33	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/10/21 11:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	103 %		80-120		P1F0703	06/07/21 10:36	06/10/21 11:33	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.9 %		80-120		P1F0703	06/07/21 10:36	06/10/21 11:33	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

MW3**1F04002-11 (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	0.498	0.00500	mg/L	5	P1F0703	06/07/21 10:36	06/07/21 19:07	EPA 8021B	
Toluene	0.00262	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/10/21 11:54	EPA 8021B	
Ethylbenzene	0.0204	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/10/21 11:54	EPA 8021B	
Xylene (p/m)	0.0534	0.00200	mg/L	1	P1F0703	06/07/21 10:36	06/10/21 11:54	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F0703	06/07/21 10:36	06/10/21 11:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	105 %		80-120		P1F0703	06/07/21 10:36	06/10/21 11:54	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.3 %		80-120		P1F0703	06/07/21 10:36	06/10/21 11:54	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

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 P1F0406 - * DEFAULT PREP *****

Blank (P1F0406-BLK1)

Prepared & Analyzed: 06/04/21

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		94.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

LCS (P1F0406-BS1)

Prepared & Analyzed: 06/04/21

Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.0972	0.00100	"	0.100		97.2	80-120			
Ethylbenzene	0.0931	0.00100	"	0.100		93.1	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200		96.6	80-120			
Xylene (o)	0.0924	0.00100	"	0.100		92.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.4	80-120			

LCS Dup (P1F0406-BSD1)

Prepared & Analyzed: 06/04/21

Benzene	0.106	0.00100	mg/L	0.100		106	80-120	3.92	20	
Toluene	0.0996	0.00100	"	0.100		99.6	80-120	2.40	20	
Ethylbenzene	0.0945	0.00100	"	0.100		94.5	80-120	1.55	20	
Xylene (p/m)	0.198	0.00200	"	0.200		99.1	80-120	2.47	20	
Xylene (o)	0.0937	0.00100	"	0.100		93.7	80-120	1.40	20	
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Calibration Blank (P1F0406-CCB1)

Prepared & Analyzed: 06/04/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.1	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 P1F0406 - * DEFAULT PREP *****

Calibration Blank (P1F0406-CCB2)

Prepared: 06/04/21 Analyzed: 06/05/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.7	80-120			

Calibration Blank (P1F0406-CCB3)

Prepared: 06/04/21 Analyzed: 06/05/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.8	80-120			

Calibration Check (P1F0406-CCV1)

Prepared & Analyzed: 06/04/21

Benzene	0.109	0.00100	mg/L	0.100		109	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		102	80-120			
Xylene (o)	0.0984	0.00100	"	0.100		98.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.8	80-120			

Calibration Check (P1F0406-CCV2)

Prepared: 06/04/21 Analyzed: 06/05/21

Benzene	0.100	0.00100	mg/L	0.100		100	80-120			
Toluene	0.0965	0.00100	"	0.100		96.5	80-120			
Ethylbenzene	0.0963	0.00100	"	0.100		96.3	80-120			
Xylene (p/m)	0.189	0.00200	"	0.200		94.6	80-120			
Xylene (o)	0.0918	0.00100	"	0.100		91.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		97.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.3	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 P1F0406 - * DEFAULT PREP *****

Calibration Check (P1F0406-CCV3)

Prepared: 06/04/21 Analyzed: 06/05/21

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.0999	0.00100	"	0.100		99.9	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200		100	80-120			
Xylene (o)	0.0996	0.00100	"	0.100		99.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.5	80-120			

Matrix Spike (P1F0406-MS1)

Source: 1F03002-05

Prepared: 06/04/21 Analyzed: 06/05/21

Benzene	0.104	0.00100	mg/L	0.100	ND	104	80-120			
Toluene	0.0989	0.00100	"	0.100	ND	98.9	80-120			
Ethylbenzene	0.0923	0.00100	"	0.100	ND	92.3	80-120			
Xylene (p/m)	0.189	0.00200	"	0.200	ND	94.3	80-120			
Xylene (o)	0.0928	0.00100	"	0.100	ND	92.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

Matrix Spike Dup (P1F0406-MSD1)

Source: 1F03002-05

Prepared: 06/04/21 Analyzed: 06/05/21

Benzene	0.104	0.00100	mg/L	0.100	ND	104	80-120	0.232	20	
Toluene	0.0994	0.00100	"	0.100	ND	99.4	80-120	0.474	20	
Ethylbenzene	0.0934	0.00100	"	0.100	ND	93.4	80-120	1.15	20	
Xylene (p/m)	0.192	0.00200	"	0.200	ND	96.1	80-120	1.83	20	
Xylene (o)	0.0938	0.00100	"	0.100	ND	93.8	80-120	1.07	20	
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.5	80-120			

Batch P1F0703 - * DEFAULT PREP *****

Blank (P1F0703-BLK1)

Prepared & Analyzed: 06/07/21

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	0.118		"	0.120		98.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.9	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: 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 P1F0703 - * DEFAULT PREP *****

LCS (P1F0703-BS1)

Prepared & Analyzed: 06/07/21

Benzene	0.0918	0.00100	mg/L	0.100		91.8	80-120			
Toluene	0.0908	0.00100	"	0.100		90.8	80-120			
Ethylbenzene	0.0884	0.00100	"	0.100		88.4	80-120			
Xylene (p/m)	0.175	0.00200	"	0.200		87.6	80-120			
Xylene (o)	0.0873	0.00100	"	0.100		87.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.3	80-120			

LCS Dup (P1F0703-BSD1)

Prepared & Analyzed: 06/07/21

Benzene	0.0971	0.00100	mg/L	0.100		97.1	80-120	5.62	20	
Toluene	0.0946	0.00100	"	0.100		94.6	80-120	4.11	20	
Ethylbenzene	0.0924	0.00100	"	0.100		92.4	80-120	4.40	20	
Xylene (p/m)	0.185	0.00200	"	0.200		92.7	80-120	5.59	20	
Xylene (o)	0.0911	0.00100	"	0.100		91.1	80-120	4.23	20	
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.3	80-120			

Calibration Blank (P1F0703-CCB1)

Prepared & Analyzed: 06/07/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.3	80-120			

Calibration Blank (P1F0703-CCB2)

Prepared: 06/07/21 Analyzed: 06/09/21

Benzene	0.160		mg/L							
Toluene	0.250		"							
Ethylbenzene	0.280		"							
Xylene (p/m)	0.790		"							
Xylene (o)	0.230		"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		97.0	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 P1F0703 - * DEFAULT PREP *****

Calibration Blank (P1F0703-CCB3)

Prepared: 06/07/21 Analyzed: 06/09/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.5	80-120			

Calibration Check (P1F0703-CCV1)

Prepared & Analyzed: 06/07/21

Benzene	0.0934	0.00100	mg/L	0.100		93.4	80-120			
Toluene	0.0899	0.00100	"	0.100		89.9	80-120			
Ethylbenzene	0.0910	0.00100	"	0.100		91.0	80-120			
Xylene (p/m)	0.175	0.00200	"	0.200		87.3	80-120			
Xylene (o)	0.0884	0.00100	"	0.100		88.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.3	80-120			

Calibration Check (P1F0703-CCV2)

Prepared: 06/07/21 Analyzed: 06/09/21

Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200		107	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.1	80-120			

Calibration Check (P1F0703-CCV3)

Prepared: 06/07/21 Analyzed: 06/09/21

Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.212	0.00200	"	0.200		106	80-120			
Xylene (o)	0.0967	0.00100	"	0.100		96.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: 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 P1F0703 - * DEFAULT PREP *****

Matrix Spike (P1F0703-MS1)

Source: 1F04002-06

Prepared: 06/07/21 Analyzed: 06/09/21

Benzene	0.111	0.00100	mg/L	0.100	0.00535	106	80-120			
Toluene	0.104	0.00100	"	0.100	ND	104	80-120			
Ethylbenzene	0.113	0.00100	"	0.100	ND	113	80-120			
Xylene (p/m)	0.214	0.00200	"	0.200	ND	107	80-120			
Xylene (o)	0.0998	0.00100	"	0.100	ND	99.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Matrix Spike Dup (P1F0703-MSD1)

Source: 1F04002-06

Prepared: 06/07/21 Analyzed: 06/09/21

Benzene	0.110	0.00100	mg/L	0.100	0.00535	104	80-120	1.09	20	
Toluene	0.101	0.00100	"	0.100	ND	101	80-120	2.78	20	
Ethylbenzene	0.110	0.00100	"	0.100	ND	110	80-120	2.84	20	
Xylene (p/m)	0.209	0.00200	"	0.200	ND	105	80-120	2.43	20	
Xylene (o)	0.0966	0.00100	"	0.100	ND	96.6	80-120	3.26	20	
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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

Notes and Definitions

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

Report Approved By:



Date:

6/15/2021

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

**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: 1I03006



Current Certification

Report Date: 09/10/21

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	1103006-01	Water	09/02/21 10:48	09-03-2021 08:55
MW 12	1103006-02	Water	09/02/21 11:16	09-03-2021 08:55
MW 11A	1103006-03	Water	09/02/21 11:52	09-03-2021 08:55
MW 5A	1103006-04	Water	09/02/21 12:11	09-03-2021 08:55
MW 2	1103006-05	Water	09/02/21 12:28	09-03-2021 08:55
MW 9	1103006-06	Water	09/02/21 12:59	09-03-2021 08:55
MW 10	1103006-07	Water	09/02/21 13:23	09-03-2021 08:55
MW 1	1103006-08	Water	09/02/21 13:42	09-03-2021 08:55
MW 7A	1103006-09	Water	09/02/21 14:08	09-03-2021 08:55
MW 3	1103006-10	Water	09/02/21 14:33	09-03-2021 08:55
MW 6A	1103006-11	Water	09/02/21 14:58	09-03-2021 08:55

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

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

MW 4A
1103006-01 (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	P110903	09/09/21 09:43	09/10/21 00:35	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 00:35	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 00:35	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P110903	09/09/21 09:43	09/10/21 00:35	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 00:35	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.8 %		80-120		P110903	09/09/21 09:43	09/10/21 00:35	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	101 %		80-120		P110903	09/09/21 09:43	09/10/21 00:35	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 12
1103006-02 (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	P110903	09/09/21 09:43	09/10/21 00:56	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 00:56	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 00:56	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P110903	09/09/21 09:43	09/10/21 00:56	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 00:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.8 %		80-120		P110903	09/09/21 09:43	09/10/21 00:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	105 %		80-120		P110903	09/09/21 09:43	09/10/21 00:56	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

MW 11A
1103006-03 (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	P110903	09/09/21 09:43	09/10/21 01:16	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 01:16	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 01:16	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P110903	09/09/21 09:43	09/10/21 01:16	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 01:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.6 %		80-120		P110903	09/09/21 09:43	09/10/21 01:16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	105 %		80-120		P110903	09/09/21 09:43	09/10/21 01:16	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

MW 5A
1103006-04 (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	0.0577	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 01:37	EPA 8021B	
Toluene	0.00350	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 01:37	EPA 8021B	
Ethylbenzene	0.00452	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 01:37	EPA 8021B	
Xylene (p/m)	0.00260	0.00200	mg/L	1	P110903	09/09/21 09:43	09/10/21 01:37	EPA 8021B	
Xylene (o)	0.00133	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 01:37	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.7 %		80-120		P110903	09/09/21 09:43	09/10/21 01:37	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.5 %		80-120		P110903	09/09/21 09:43	09/10/21 01:37	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

MW 2
1103006-05 (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	0.0498	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 02:39	EPA 8021B	
Toluene	0.00201	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 02:39	EPA 8021B	
Ethylbenzene	0.0466	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 02:39	EPA 8021B	
Xylene (p/m)	0.0184	0.00200	mg/L	1	P110903	09/09/21 09:43	09/10/21 02:39	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 02:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	93.4 %		80-120		P110903	09/09/21 09:43	09/10/21 02:39	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.8 %		80-120		P110903	09/09/21 09:43	09/10/21 02:39	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

MW 9
1103006-06 (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	0.0146	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 03:00	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 03:00	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 03:00	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P110903	09/09/21 09:43	09/10/21 03:00	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 03:00	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	93.8 %		80-120		P110903	09/09/21 09:43	09/10/21 03:00	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	102 %		80-120		P110903	09/09/21 09:43	09/10/21 03:00	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

MW 10
1103006-07 (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	0.135	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 03:21	EPA 8021B	
Toluene	0.00157	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 03:21	EPA 8021B	
Ethylbenzene	0.0152	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 03:21	EPA 8021B	
Xylene (p/m)	0.0389	0.00200	mg/L	1	P110903	09/09/21 09:43	09/10/21 03:21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 03:21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	91.3 %		80-120		P110903	09/09/21 09:43	09/10/21 03:21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.6 %		80-120		P110903	09/09/21 09:43	09/10/21 03:21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

MW 1
1103006-08 (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	0.211	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 03:41	EPA 8021B	
Toluene	0.00615	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 03:41	EPA 8021B	
Ethylbenzene	0.0587	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 03:41	EPA 8021B	
Xylene (p/m)	0.0279	0.00200	mg/L	1	P110903	09/09/21 09:43	09/10/21 03:41	EPA 8021B	
Xylene (o)	0.00104	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 03:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	91.5 %		80-120		P110903	09/09/21 09:43	09/10/21 03:41	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.4 %		80-120		P110903	09/09/21 09:43	09/10/21 03:41	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

MW 7A
1103006-09 (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	0.475	0.00500	mg/L	5	P110903	09/09/21 09:43	09/10/21 04:02	EPA 8021B	
Toluene	0.00870	0.00500	mg/L	5	P110903	09/09/21 09:43	09/10/21 04:02	EPA 8021B	
Ethylbenzene	0.0242	0.00500	mg/L	5	P110903	09/09/21 09:43	09/10/21 04:02	EPA 8021B	
Xylene (p/m)	0.0659	0.0100	mg/L	5	P110903	09/09/21 09:43	09/10/21 04:02	EPA 8021B	
Xylene (o)	0.00545	0.00500	mg/L	5	P110903	09/09/21 09:43	09/10/21 04:02	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.7 %		80-120		P110903	09/09/21 09:43	09/10/21 04:02	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.9 %		80-120		P110903	09/09/21 09:43	09/10/21 04:02	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

MW 3
1103006-10 (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	0.306	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 10:59	EPA 8021B	
Toluene	0.00370	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 10:59	EPA 8021B	
Ethylbenzene	0.0135	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 10:59	EPA 8021B	
Xylene (p/m)	0.0359	0.00200	mg/L	1	P110903	09/09/21 09:43	09/10/21 10:59	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 10:59	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.2 %		80-120		P110903	09/09/21 09:43	09/10/21 10:59	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.5 %		80-120		P110903	09/09/21 09:43	09/10/21 10:59	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

MW 6A
1103006-11 (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	0.725	0.00500	mg/L	5	P110903	09/09/21 09:43	09/10/21 04:45	EPA 8021B	
Toluene	0.00514	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 11:20	EPA 8021B	
Ethylbenzene	0.0752	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 11:20	EPA 8021B	
Xylene (p/m)	0.145	0.00200	mg/L	1	P110903	09/09/21 09:43	09/10/21 11:20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P110903	09/09/21 09:43	09/10/21 11:20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	87.2 %		80-120		P110903	09/09/21 09:43	09/10/21 11:20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	101 %		80-120		P110903	09/09/21 09:43	09/10/21 11:20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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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 P110903 - * DEFAULT PREP *****

Blank (P110903-BLK1)

Prepared & Analyzed: 09/09/21

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		96.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		103	80-120			

LCS (P110903-BS1)

Prepared & Analyzed: 09/09/21

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.0944	0.00100	"	0.100		94.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.2	80-120			

LCS Dup (P110903-BS1)

Prepared & Analyzed: 09/09/21

Benzene	0.106	0.00100	mg/L	0.100		106	80-120	2.14	20	
Toluene	0.109	0.00100	"	0.100		109	80-120	3.25	20	
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120	4.09	20	
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120	3.75	20	
Xylene (o)	0.0981	0.00100	"	0.100		98.1	80-120	3.80	20	
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		89.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.8	80-120			

Calibration Blank (P110903-CCB1)

Prepared & Analyzed: 09/09/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.500		"							
Xylene (p/m)	1.64		"							
Xylene (o)	0.660		"							
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		104	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: 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 P110903 - * DEFAULT PREP *****

Calibration Blank (P110903-CCB2)

Prepared: 09/09/21 Analyzed: 09/10/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.860		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		104	80-120			

Calibration Check (P110903-CCV1)

Prepared & Analyzed: 09/09/21

Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.0954	0.00100	"	0.100		95.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.7	80-120			

Calibration Check (P110903-CCV2)

Prepared: 09/09/21 Analyzed: 09/10/21

Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.0970	0.00100	"	0.100		97.0	80-120			
Xylene (p/m)	0.196	0.00200	"	0.200		98.1	80-120			
Xylene (o)	0.0900	0.00100	"	0.100		90.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.103		"	0.120		85.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.3	80-120			

Calibration Check (P110903-CCV3)

Prepared: 09/09/21 Analyzed: 09/10/21

Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120			
Xylene (o)	0.0944	0.00100	"	0.100		94.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		89.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.2	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 P110903 - * DEFAULT PREP *****

Matrix Spike (P110903-MS1)		Source: 1101012-01		Prepared: 09/09/21 Analyzed: 09/10/21						
Benzene	0.107	0.00100	mg/L	0.100	0.00272	104	80-120			
Toluene	0.104	0.00100	"	0.100	0.000520	104	80-120			
Ethylbenzene	0.101	0.00100	"	0.100	ND	101	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200	ND	100	80-120			
Xylene (o)	0.0915	0.00100	"	0.100	0.000600	90.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.106		"	0.120		88.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.0	80-120			
Matrix Spike Dup (P110903-MSD1)		Source: 1101012-01		Prepared: 09/09/21 Analyzed: 09/10/21						
Benzene	0.104	0.00100	mg/L	0.100	0.00272	101	80-120	2.61	20	
Toluene	0.104	0.00100	"	0.100	0.000520	103	80-120	0.454	20	
Ethylbenzene	0.101	0.00100	"	0.100	ND	101	80-120	0.416	20	
Xylene (p/m)	0.202	0.00200	"	0.200	ND	101	80-120	0.779	20	
Xylene (o)	0.0920	0.00100	"	0.100	0.000600	91.4	80-120	0.559	20	
Surrogate: 4-Bromofluorobenzene	0.105		"	0.120		87.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.4	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

pH1 The Regulatory Holding time for pH is < 1 Hour, 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:

9/10/2021

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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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager:

Company Name

Company Address:

City/State/Zip:

Telephone No.:

Sampler Signature:

e-mail:

Report Format:

Standard

☐ TRRP☐ NPDES

Project Name:

Project #:

Project Loc:

PO#

Page 18 of 18

[illegible]

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



Analytical Report

Prepared for:

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Location: None Given
Lab Order Number: 1K11001



Current Certification

Report Date: 12/08/21

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	1K11001-01	Water	11/09/21 14:03	11-11-2021 07:55
MW 4A	1K11001-02	Water	11/09/21 14:21	11-11-2021 07:55
MW 12	1K11001-03	Water	11/09/21 14:39	11-11-2021 07:55
MW 11A	1K11001-04	Water	11/09/21 15:08	11-11-2021 07:55
MW 9	1K11001-05	Water	11/09/21 15:29	11-11-2021 07:55
MW 2	1K11001-06	Water	11/09/21 15:43	11-11-2021 07:55
MW 5A	1K11001-07	Water	11/09/21 16:05	11-11-2021 07:55
MW 10	1K11001-08	Water	11/09/21 16:45	11-11-2021 07:55
MW 1	1K11001-09	Water	11/10/21 10:08	11-11-2021 07:55
MW 3	1K11001-10	Water	11/10/21 10:37	11-11-2021 07:55
MW 7A	1K11001-11	Water	11/10/21 10:58	11-11-2021 07:55
MW 6A	1K11001-12	Water	11/10/21 11:21	11-11-2021 07:55

TRC Solutions- Midland, Texas
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Midland TX, 79705

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

MW 8
1K11001-01 (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	P1K1208	11/12/21 14:02	11/15/21 17:15	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 17:15	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 17:15	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 17:15	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 17:15	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	100 %		80-120		P1K1208	11/12/21 14:02	11/15/21 17:15	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	100 %		80-120		P1K1208	11/12/21 14:02	11/15/21 17:15	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

MW 4A**1K11001-02 (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	P1K1208	11/12/21 14:02	11/15/21 17:36	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 17:36	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 17:36	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 17:36	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 17:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.6 %		80-120		P1K1208	11/12/21 14:02	11/15/21 17:36	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	100 %		80-120		P1K1208	11/12/21 14:02	11/15/21 17:36	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

MW 12**1K11001-03 (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	P1K1208	11/12/21 14:02	11/15/21 17:57	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 17:57	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 17:57	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 17:57	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 17:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.7 %		80-120		P1K1208	11/12/21 14:02	11/15/21 17:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.8 %		80-120		P1K1208	11/12/21 14:02	11/15/21 17:57	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

MW 11A
1K11001-04 (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	P1K1208	11/12/21 14:02	11/15/21 18:18	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 18:18	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 18:18	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 18:18	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 18:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.7 %		80-120		P1K1208	11/12/21 14:02	11/15/21 18:18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	101 %		80-120		P1K1208	11/12/21 14:02	11/15/21 18:18	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

MW 9**1K11001-05 (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	0.00395	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 18:39	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 18:39	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 18:39	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 18:39	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 18:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.6 %		80-120		P1K1208	11/12/21 14:02	11/15/21 18:39	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	101 %		80-120		P1K1208	11/12/21 14:02	11/15/21 18:39	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

MW 2**1K11001-06 (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	0.0333	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 19:00	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 19:00	EPA 8021B	
Ethylbenzene	0.0374	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 19:00	EPA 8021B	
Xylene (p/m)	0.00546	0.00200	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 19:00	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 19:00	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	100 %	80-120			P1K1208	11/12/21 14:02	11/15/21 19:00	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.2 %	80-120			P1K1208	11/12/21 14:02	11/15/21 19:00	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

MW 5A
1K11001-07 (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	0.00236	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 19:21	EPA 8021B	
Toluene	0.00153	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 19:21	EPA 8021B	
Ethylbenzene	0.00174	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 19:21	EPA 8021B	
Xylene (p/m)	0.00486	0.00200	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 19:21	EPA 8021B	
Xylene (o)	0.00187	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 19:21	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>106 %</i>		<i>80-120</i>		<i>P1K1208</i>	<i>11/12/21 14:02</i>	<i>11/15/21 19:21</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>99.0 %</i>		<i>80-120</i>		<i>P1K1208</i>	<i>11/12/21 14:02</i>	<i>11/15/21 19:21</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

MW 10
1K11001-08 (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	0.150	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 19:42	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 19:42	EPA 8021B	
Ethylbenzene	0.00122	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 19:42	EPA 8021B	
Xylene (p/m)	0.0151	0.00200	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 19:42	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 19:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.8 %		80-120		P1K1208	11/12/21 14:02	11/15/21 19:42	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.4 %		80-120		P1K1208	11/12/21 14:02	11/15/21 19:42	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
1K11001-09 (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	0.242	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 20:03	EPA 8021B	
Toluene	0.00195	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 20:03	EPA 8021B	
Ethylbenzene	0.0530	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 20:03	EPA 8021B	
Xylene (p/m)	0.0117	0.00200	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 20:03	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 20:03	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>105 %</i>	<i>80-120</i>			<i>P1K1208</i>	<i>11/12/21 14:02</i>	<i>11/15/21 20:03</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>98.9 %</i>	<i>80-120</i>			<i>P1K1208</i>	<i>11/12/21 14:02</i>	<i>11/15/21 20:03</i>	<i>EPA 8021B</i>	

PAH compounds by Semivolatiles GCMS

1-Methylnaphthalene	0.024	0.0010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 18:47	8270C	SUB-13
2-Methylnaphthalene	0.0012	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 17:47	8270C	SUB-13
Acenaphthene	0.0039	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 17:47	8270C	SUB-13
Acenaphthylene	0.00090	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 17:47	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 17:47	8270C	SUB-13
Benzo (a) anthracene	0.00016	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 17:47	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 17:47	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 17:47	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 17:47	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 17:47	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 17:47	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 17:47	8270C	SUB-13
Dibenzofuran	0.0052	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 17:47	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 17:47	8270C	SUB-13
Fluorene	0.0055	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 17:47	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 17:47	8270C	SUB-13
Naphthalene	0.0072	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 17:47	8270C	SUB-13
Phenanthrene	0.0038	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 17:47	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 17:47	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
1K11001-10 (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	0.333	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 20:25	EPA 8021B	
Toluene	0.00137	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 20:25	EPA 8021B	
Ethylbenzene	0.00453	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 20:25	EPA 8021B	
Xylene (p/m)	0.0126	0.00200	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 20:25	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 20:25	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.4 %	80-120			P1K1208	11/12/21 14:02	11/15/21 20:25	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.6 %	80-120			P1K1208	11/12/21 14:02	11/15/21 20:25	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.013	0.0010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 19:08	8270C	SUB-13
2-Methylnaphthalene	0.00056	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 18:08	8270C	SUB-13
Acenaphthene	0.00075	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 18:08	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 18:08	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 18:08	8270C	SUB-13
Benzo (a) anthracene	0.00023	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 18:08	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 18:08	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 18:08	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 18:08	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 18:08	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 18:08	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 18:08	8270C	SUB-13
Dibenzofuran	0.00090	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 18:08	8270C	SUB-13
Fluoranthene	0.00013	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 18:08	8270C	SUB-13
Fluorene	0.00076	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 18:08	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 18:08	8270C	SUB-13
Naphthalene	0.0018	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 18:08	8270C	SUB-13
Phenanthrene	0.0024	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 18:08	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/23/21 18:08	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
1K11001-11 (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	0.377	0.00500	mg/L	5	PIK1208	11/12/21 14:02	11/15/21 21:29	EPA 8021B	
Toluene	ND	0.00500	mg/L	5	PIK1208	11/12/21 14:02	11/15/21 21:29	EPA 8021B	
Ethylbenzene	0.00970	0.00500	mg/L	5	PIK1208	11/12/21 14:02	11/15/21 21:29	EPA 8021B	
Xylene (p/m)	0.0206	0.0100	mg/L	5	PIK1208	11/12/21 14:02	11/15/21 21:29	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	5	PIK1208	11/12/21 14:02	11/15/21 21:29	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.8 %	80-120			PIK1208	11/12/21 14:02	11/15/21 21:29	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.5 %	80-120			PIK1208	11/12/21 14:02	11/15/21 21:29	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.014	0.0010	mg/L	1	PIL0101	11/16/21 16:14	11/29/21 19:28	8270C	SUB-13
2-Methylnaphthalene	0.0010	0.00010	mg/L	1	PIL0101	11/16/21 16:14	11/23/21 18:28	8270C	SUB-13
Acenaphthene	0.0026	0.00010	mg/L	1	PIL0101	11/16/21 16:14	11/23/21 18:28	8270C	SUB-13
Acenaphthylene	0.00064	0.00010	mg/L	1	PIL0101	11/16/21 16:14	11/23/21 18:28	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	PIL0101	11/16/21 16:14	11/23/21 18:28	8270C	SUB-13
Benzo (a) anthracene	0.00066	0.00010	mg/L	1	PIL0101	11/16/21 16:14	11/23/21 18:28	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	PIL0101	11/16/21 16:14	11/23/21 18:28	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	PIL0101	11/16/21 16:14	11/23/21 18:28	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	PIL0101	11/16/21 16:14	11/23/21 18:28	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	PIL0101	11/16/21 16:14	11/23/21 18:28	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	PIL0101	11/16/21 16:14	11/23/21 18:28	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	PIL0101	11/16/21 16:14	11/23/21 18:28	8270C	SUB-13
Dibenzofuran	0.0029	0.00010	mg/L	1	PIL0101	11/16/21 16:14	11/23/21 18:28	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	PIL0101	11/16/21 16:14	11/23/21 18:28	8270C	SUB-13
Fluorene	0.0033	0.00010	mg/L	1	PIL0101	11/16/21 16:14	11/23/21 18:28	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	PIL0101	11/16/21 16:14	11/23/21 18:28	8270C	SUB-13
Naphthalene	0.0074	0.00010	mg/L	1	PIL0101	11/16/21 16:14	11/23/21 18:28	8270C	SUB-13
Phenanthrene	0.0035	0.00010	mg/L	1	PIL0101	11/16/21 16:14	11/23/21 18:28	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	PIL0101	11/16/21 16:14	11/23/21 18:28	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
1K11001-12 (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	2.07	0.0100	mg/L	10	P1K1208	11/12/21 14:02	11/16/21 01:44	EPA 8021B	
Toluene	0.00166	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 21:50	EPA 8021B	
Ethylbenzene	0.0382	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 21:50	EPA 8021B	
Xylene (p/m)	0.142	0.00200	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 21:50	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1K1208	11/12/21 14:02	11/15/21 21:50	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.4 %		80-120		P1K1208	11/12/21 14:02	11/15/21 21:50	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	100 %		80-120		P1K1208	11/12/21 14:02	11/15/21 21:50	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.045	0.0010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 20:08	8270C	SUB-13
2-Methylnaphthalene	0.032	0.0010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 20:08	8270C	SUB-13
Acenaphthene	0.00070	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 19:48	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 19:48	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 19:48	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 19:48	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 19:48	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 19:48	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 19:48	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 19:48	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 19:48	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 19:48	8270C	SUB-13
Dibenzofuran	0.0018	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 19:48	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 19:48	8270C	SUB-13
Fluorene	0.0017	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 19:48	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 19:48	8270C	SUB-13
Naphthalene	0.045	0.0010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 20:08	8270C	SUB-13
Phenanthrene	0.0018	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 19:48	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P1L0101	11/16/21 16:14	11/29/21 19:48	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 P1K1208 - * DEFAULT PREP *****

Blank (P1K1208-BLK1)

Prepared: 11/12/21 Analyzed: 11/15/21

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	0.118		"	0.120		98.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.3	80-120			

LCS (P1K1208-BS1)

Prepared: 11/12/21 Analyzed: 11/15/21

Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.224	0.00200	"	0.200		112	80-120			
Xylene (o)	0.0991	0.00100	"	0.100		99.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.6	80-120			

LCS Dup (P1K1208-BSD1)

Prepared: 11/12/21 Analyzed: 11/15/21

Benzene	0.112	0.00100	mg/L	0.100		112	80-120	5.39	20	
Toluene	0.110	0.00100	"	0.100		110	80-120	5.59	20	
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120	2.11	20	
Xylene (p/m)	0.235	0.00200	"	0.200		117	80-120	4.44	20	
Xylene (o)	0.103	0.00100	"	0.100		103	80-120	3.37	20	
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.5	80-120			

Calibration Blank (P1K1208-CCB1)

Prepared: 11/12/21 Analyzed: 11/15/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.280		"							
Xylene (o)	0.150		"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.3	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 P1K1208 - * DEFAULT PREP *****

Calibration Blank (P1K1208-CCB2)

Prepared: 11/12/21 Analyzed: 11/15/21

Benzene	0.100		mg/L							
Toluene	0.120		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.340		"							
Xylene (o)	0.160		"							
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.6	80-120			

Calibration Blank (P1K1208-CCB3)

Prepared: 11/12/21 Analyzed: 11/16/21

Benzene	0.150		mg/L							
Toluene	0.120		"							
Ethylbenzene	0.140		"							
Xylene (p/m)	0.320		"							
Xylene (o)	0.160		"							
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.8	80-120			

Calibration Check (P1K1208-CCV1)

Prepared: 11/12/21 Analyzed: 11/15/21

Benzene	0.105	0.00100	mg/L	0.100		105	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.222	0.00200	"	0.200		111	80-120			
Xylene (o)	0.0993	0.00100	"	0.100		99.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		100	80-120			

Calibration Check (P1K1208-CCV2)

Prepared: 11/12/21 Analyzed: 11/15/21

Benzene	0.112	0.00100	mg/L	0.100		112	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120			
Xylene (p/m)	0.226	0.00200	"	0.200		113	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.7	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 P1K1208 - * DEFAULT PREP *****

Calibration Check (P1K1208-CCV3)

Prepared: 11/12/21 Analyzed: 11/16/21

Benzene	0.108	0.00100	mg/L	0.100		108	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.0993	0.00100	"	0.100		99.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.9	80-120			

Matrix Spike (P1K1208-MS1)

Source: 1K11001-01

Prepared: 11/12/21 Analyzed: 11/16/21

Benzene	0.0449	0.00100	mg/L	0.100	ND	44.9	80-120			
Toluene	0.0272	0.00100	"	0.100	ND	27.2	80-120			
Ethylbenzene	0.0221	0.00100	"	0.100	ND	22.1	80-120			
Xylene (p/m)	0.0423	0.00200	"	0.200	ND	21.2	80-120			
Xylene (o)	0.0226	0.00100	"	0.100	ND	22.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		100	80-120			

Matrix Spike Dup (P1K1208-MSD1)

Source: 1K11001-01

Prepared: 11/12/21 Analyzed: 11/16/21

Benzene	0.0348	0.00100	mg/L	0.100	ND	34.8	80-120	25.2	20	
Toluene	0.0127	0.00100	"	0.100	ND	12.7	80-120	73.0	20	
Ethylbenzene	0.00642	0.00100	"	0.100	ND	6.42	80-120	110	20	
Xylene (p/m)	0.0119	0.00200	"	0.200	ND	5.96	80-120	112	20	
Xylene (o)	0.00838	0.00100	"	0.100	ND	8.38	80-120	91.9	20	
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.8	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

Notes and Definitions

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

ROI Received on Ice

pH1 The Regulatory Holding time for pH is < 1 Hour, 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:

12/8/2021

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.

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

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



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

1 of 2

Phone: 432-886-7235

Project Manager:

Company Name:

Company Address:

City/State/Zip:

Telephone No.:

Sampler Signature:

e-mail:

Project Name:

Project #:

Project Loc:

PO #:

Report Format:

☒ Standard☐ TRRP☐ NPDES

(Lab use only)

ORDER #:

1K11001

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 80248/6030 or BTEX 8260

PAH

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

Standard TAT

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Chain of Custody?

Y=Yes N=No

Sample Hand Delivered?

by Customer? Y=Yes N=No

Temperature/Volume/Weight

Adjusted



Phone: 432-688-7235

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

Project Manager:

Company Name

Company Address:

City/State/Zip:

Telephone No:

Sampler Signature:

e-mail:

Project Location:

Project #:

Project Name:

PO #

Report Format

☒ Standard

☐ TRRP

☐ NPDES

[illegible][illegible][illegible]



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?
☒	Sample description present on COC for all samples?
☒	Samples name present on COC?
☒	Sample containers intact?
☒	Sample seals intact on shipping container/bottle?
☒	Samples in proper container/bottle?
☒	Sample seals intact on shipping container/bottle?
☒	All samples received within holding time?
☒	Analysis requested for all samples submitted?
☒	Shipping container/cooler in good condition?
☒	Custody seals intact on shipping container/cooler?

Login Notes:
3x HCL VOA 1K11001
3x Amber VOA-nonpreserved.



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:



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

November 30, 2021

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

Work Order: **HS21110851**

Laboratory Results for: **1K11001**

Dear Brent Barron,

ALS Environmental received 4 sample(s) on Nov 12, 2021 for the analysis presented in the following report.

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

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

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

Sincerely,

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

Generated By: DAYNA.FISHER
Bernadette A. Fini
Project Manager

ALS Houston, US

Date: 30-Nov-21

Client: Permian Basin Environmental Lab, LP
Project: 1K11001
Work Order: HS21110851

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS21110851-01	1K11001-09	Water		10-Nov-2021 10:08	12-Nov-2021 11:50	☐
HS21110851-02	1K11001-10	Water		10-Nov-2021 10:37	12-Nov-2021 11:50	☐
HS21110851-03	1K11001-11	Water		10-Nov-2021 10:58	12-Nov-2021 11:50	☐
HS21110851-04	1K11001-12	Water		10-Nov-2021 11:21	12-Nov-2021 11:50	☐

ALS Houston, US

Date: 30-Nov-21

Client: Permian Basin Environmental Lab, LP
Project: 1K11001
Work Order: HS21110851

CASE NARRATIVE

GCMS Semivolatiles by Method SW8270

Batch ID: 172596

Sample ID: LCSD-172596

- The RPD between the LCS and LCSD was outside of the control limit.

ALS Houston, US

Date: 30-Nov-21

Client: Permian Basin Environmental Lab, LP
 Project: 1K11001
 Sample ID: 1K11001-09
 Collection Date: 10-Nov-2021 10:08

ANALYTICAL REPORT

WorkOrder:HS21110851
 Lab ID:HS21110851-01
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 16-Nov-2021		Analyst: JLJ
1-Methylnaphthalene	24.3	n	1.03	ug/L	10	29-Nov-2021 18:47
2-Methylnaphthalene	1.21		0.103	ug/L	1	23-Nov-2021 17:47
Acenaphthene	3.94		0.103	ug/L	1	23-Nov-2021 17:47
Acenaphthylene	0.897		0.103	ug/L	1	23-Nov-2021 17:47
Anthracene	ND		0.103	ug/L	1	23-Nov-2021 17:47
Benz(a)anthracene	0.162		0.103	ug/L	1	23-Nov-2021 17:47
Benzo(a)pyrene	ND		0.103	ug/L	1	23-Nov-2021 17:47
Benzo(b)fluoranthene	ND		0.103	ug/L	1	23-Nov-2021 17:47
Benzo(g,h,i)perylene	ND		0.103	ug/L	1	23-Nov-2021 17:47
Benzo(k)fluoranthene	ND		0.103	ug/L	1	23-Nov-2021 17:47
Chrysene	ND		0.103	ug/L	1	23-Nov-2021 17:47
Dibenz(a,h)anthracene	ND		0.103	ug/L	1	23-Nov-2021 17:47
Dibenzofuran	5.16		0.103	ug/L	1	23-Nov-2021 17:47
Fluoranthene	ND		0.103	ug/L	1	23-Nov-2021 17:47
Fluorene	5.54		0.103	ug/L	1	23-Nov-2021 17:47
Indeno(1,2,3-cd)pyrene	ND		0.103	ug/L	1	23-Nov-2021 17:47
Naphthalene	7.23		0.103	ug/L	1	23-Nov-2021 17:47
Phenanthrene	3.75		0.103	ug/L	1	23-Nov-2021 17:47
Pyrene	ND		0.103	ug/L	1	23-Nov-2021 17:47
Surr: 2-Fluorobiphenyl	128		32-130	%REC	1	23-Nov-2021 17:47
Surr: 2-Fluorobiphenyl	78.4		32-130	%REC	10	29-Nov-2021 18:47
Surr: 4-Terphenyl-d14	61.8		40-135	%REC	10	29-Nov-2021 18:47
Surr: 4-Terphenyl-d14	130		40-135	%REC	1	23-Nov-2021 17:47
Surr: Nitrobenzene-d5	52.0		45-142	%REC	10	29-Nov-2021 18:47
Surr: Nitrobenzene-d5	106		45-142	%REC	1	23-Nov-2021 17:47

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

ALS Houston, US

Date: 30-Nov-21

Client: Permian Basin Environmental Lab, LP
 Project: 1K11001
 Sample ID: 1K11001-10
 Collection Date: 10-Nov-2021 10:37

ANALYTICAL REPORT

WorkOrder:HS21110851
 Lab ID:HS21110851-02
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 16-Nov-2021		Analyst: JLJ
1-Methylnaphthalene	13.4	n	1.02	ug/L	10	29-Nov-2021 19:08
2-Methylnaphthalene	0.558		0.102	ug/L	1	23-Nov-2021 18:08
Acenaphthene	0.752		0.102	ug/L	1	23-Nov-2021 18:08
Acenaphthylene	ND		0.102	ug/L	1	23-Nov-2021 18:08
Anthracene	ND		0.102	ug/L	1	23-Nov-2021 18:08
Benz(a)anthracene	0.227		0.102	ug/L	1	23-Nov-2021 18:08
Benzo(a)pyrene	ND		0.102	ug/L	1	23-Nov-2021 18:08
Benzo(b)fluoranthene	ND		0.102	ug/L	1	23-Nov-2021 18:08
Benzo(g,h,i)perylene	ND		0.102	ug/L	1	23-Nov-2021 18:08
Benzo(k)fluoranthene	ND		0.102	ug/L	1	23-Nov-2021 18:08
Chrysene	ND		0.102	ug/L	1	23-Nov-2021 18:08
Dibenz(a,h)anthracene	ND		0.102	ug/L	1	23-Nov-2021 18:08
Dibenzofuran	0.898		0.102	ug/L	1	23-Nov-2021 18:08
Fluoranthene	0.133		0.102	ug/L	1	23-Nov-2021 18:08
Fluorene	0.756		0.102	ug/L	1	23-Nov-2021 18:08
Indeno(1,2,3-cd)pyrene	ND		0.102	ug/L	1	23-Nov-2021 18:08
Naphthalene	1.77		0.102	ug/L	1	23-Nov-2021 18:08
Phenanthrene	2.38		0.102	ug/L	1	23-Nov-2021 18:08
Pyrene	ND		0.102	ug/L	1	23-Nov-2021 18:08
Surr: 2-Fluorobiphenyl	54.7		32-130	%REC	10	29-Nov-2021 19:08
Surr: 2-Fluorobiphenyl	32.1		32-130	%REC	1	23-Nov-2021 18:08
Surr: 4-Terphenyl-d14	127		40-135	%REC	1	23-Nov-2021 18:08
Surr: 4-Terphenyl-d14	65.6		40-135	%REC	10	29-Nov-2021 19:08
Surr: Nitrobenzene-d5	102		45-142	%REC	1	23-Nov-2021 18:08
Surr: Nitrobenzene-d5	64.6		45-142	%REC	10	29-Nov-2021 19:08

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

ALS Houston, US

Date: 30-Nov-21

Client: Permian Basin Environmental Lab, LP
 Project: 1K11001
 Sample ID: 1K11001-11
 Collection Date: 10-Nov-2021 10:58

ANALYTICAL REPORT

WorkOrder:HS21110851
 Lab ID:HS21110851-03
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 16-Nov-2021		Analyst: JLJ
1-Methylnaphthalene	14.0	n	1.02	ug/L	10	29-Nov-2021 19:28
2-Methylnaphthalene	1.03		0.102	ug/L	1	23-Nov-2021 18:28
Acenaphthene	2.57		0.102	ug/L	1	23-Nov-2021 18:28
Acenaphthylene	0.635		0.102	ug/L	1	23-Nov-2021 18:28
Anthracene	ND		0.102	ug/L	1	23-Nov-2021 18:28
Benz(a)anthracene	0.656		0.102	ug/L	1	23-Nov-2021 18:28
Benzo(a)pyrene	ND		0.102	ug/L	1	23-Nov-2021 18:28
Benzo(b)fluoranthene	ND		0.102	ug/L	1	23-Nov-2021 18:28
Benzo(g,h,i)perylene	ND		0.102	ug/L	1	23-Nov-2021 18:28
Benzo(k)fluoranthene	ND		0.102	ug/L	1	23-Nov-2021 18:28
Chrysene	ND		0.102	ug/L	1	23-Nov-2021 18:28
Dibenz(a,h)anthracene	ND		0.102	ug/L	1	23-Nov-2021 18:28
Dibenzofuran	2.90		0.102	ug/L	1	23-Nov-2021 18:28
Fluoranthene	ND		0.102	ug/L	1	23-Nov-2021 18:28
Fluorene	3.28		0.102	ug/L	1	23-Nov-2021 18:28
Indeno(1,2,3-cd)pyrene	ND		0.102	ug/L	1	23-Nov-2021 18:28
Naphthalene	7.44		0.102	ug/L	1	23-Nov-2021 18:28
Phenanthrene	3.50		0.102	ug/L	1	23-Nov-2021 18:28
Pyrene	ND		0.102	ug/L	1	23-Nov-2021 18:28
Surr: 2-Fluorobiphenyl	88.1		32-130	%REC	1	23-Nov-2021 18:28
Surr: 2-Fluorobiphenyl	59.4		32-130	%REC	10	29-Nov-2021 19:28
Surr: 4-Terphenyl-d14	60.0		40-135	%REC	10	29-Nov-2021 19:28
Surr: 4-Terphenyl-d14	129		40-135	%REC	1	23-Nov-2021 18:28
Surr: Nitrobenzene-d5	95.4		45-142	%REC	1	23-Nov-2021 18:28
Surr: Nitrobenzene-d5	88.1		45-142	%REC	10	29-Nov-2021 19:28

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

ALS Houston, US

Date: 30-Nov-21

Client: Permian Basin Environmental Lab, LP
 Project: 1K11001
 Sample ID: 1K11001-12
 Collection Date: 10-Nov-2021 11:21

ANALYTICAL REPORT

WorkOrder:HS21110851
 Lab ID:HS21110851-04
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 16-Nov-2021		Analyst: JLJ
1-Methylnaphthalene	44.8	n	1.02	ug/L	10	29-Nov-2021 20:08
2-Methylnaphthalene	32.2		1.02	ug/L	10	29-Nov-2021 20:08
Acenaphthene	0.702		0.102	ug/L	1	29-Nov-2021 19:48
Acenaphthylene	ND		0.102	ug/L	1	29-Nov-2021 19:48
Anthracene	ND		0.102	ug/L	1	29-Nov-2021 19:48
Benz(a)anthracene	ND		0.102	ug/L	1	29-Nov-2021 19:48
Benzo(a)pyrene	ND		0.102	ug/L	1	29-Nov-2021 19:48
Benzo(b)fluoranthene	ND		0.102	ug/L	1	29-Nov-2021 19:48
Benzo(g,h,i)perylene	ND		0.102	ug/L	1	29-Nov-2021 19:48
Benzo(k)fluoranthene	ND		0.102	ug/L	1	29-Nov-2021 19:48
Chrysene	ND		0.102	ug/L	1	29-Nov-2021 19:48
Dibenz(a,h)anthracene	ND		0.102	ug/L	1	29-Nov-2021 19:48
Dibenzofuran	1.82		0.102	ug/L	1	29-Nov-2021 19:48
Fluoranthene	ND		0.102	ug/L	1	29-Nov-2021 19:48
Fluorene	1.67		0.102	ug/L	1	29-Nov-2021 19:48
Indeno(1,2,3-cd)pyrene	ND		0.102	ug/L	1	29-Nov-2021 19:48
Naphthalene	44.7		1.02	ug/L	10	29-Nov-2021 20:08
Phenanthrene	1.78		0.102	ug/L	1	29-Nov-2021 19:48
Pyrene	ND		0.102	ug/L	1	29-Nov-2021 19:48
Surr: 2-Fluorobiphenyl	62.4		32-130	%REC	1	29-Nov-2021 19:48
Surr: 2-Fluorobiphenyl	55.0		32-130	%REC	10	29-Nov-2021 20:08
Surr: 4-Terphenyl-d14	113		40-135	%REC	1	29-Nov-2021 19:48
Surr: 4-Terphenyl-d14	78.8		40-135	%REC	10	29-Nov-2021 20:08
Surr: Nitrobenzene-d5	90.0		45-142	%REC	1	29-Nov-2021 19:48
Surr: Nitrobenzene-d5	108		45-142	%REC	10	29-Nov-2021 20:08

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

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 1K11001
WorkOrder: HS21110851

Batch ID: 172596	Start Date: 16 Nov 2021 16:14	End Date: 16 Nov 2021 17:00
Method: SW3511	Prep Code: 3511_PAH	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21110851-01		31.89 (mL)	2 (mL)	0.06272	40 mL Amber
HS21110851-02		32.36 (mL)	2 (mL)	0.0618	40 mL Amber
HS21110851-03		32.22 (mL)	2 (mL)	0.06207	40 mL Amber
HS21110851-04		32.26 (mL)	2 (mL)	0.062	40 mL Amber

ALS Houston, US

Date: 30-Nov-21

Client: Permian Basin Environmental Lab, LP
Project: 1K11001
WorkOrder: HS21110851

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 172596 (0)		Test Name : LOW-LEVEL PAHS - 8270D			Matrix: Water	
HS21110851-01	1K11001-09	10 Nov 2021 10:08		16 Nov 2021 16:14	29 Nov 2021 18:47	10
HS21110851-01	1K11001-09	10 Nov 2021 10:08		16 Nov 2021 16:14	23 Nov 2021 17:47	1
HS21110851-02	1K11001-10	10 Nov 2021 10:37		16 Nov 2021 16:14	29 Nov 2021 19:08	10
HS21110851-02	1K11001-10	10 Nov 2021 10:37		16 Nov 2021 16:14	23 Nov 2021 18:08	1
HS21110851-03	1K11001-11	10 Nov 2021 10:58		16 Nov 2021 16:14	29 Nov 2021 19:28	10
HS21110851-03	1K11001-11	10 Nov 2021 10:58		16 Nov 2021 16:14	23 Nov 2021 18:28	1
HS21110851-04	1K11001-12	10 Nov 2021 11:21		16 Nov 2021 16:14	29 Nov 2021 20:08	10
HS21110851-04	1K11001-12	10 Nov 2021 11:21		16 Nov 2021 16:14	29 Nov 2021 19:48	1

ALS Houston, US

Date: 30-Nov-21

Client: Permian Basin Environmental Lab, LP
Project: 1K11001
WorkOrder: HS21110851

QC BATCH REPORT

Batch ID: 172596 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
MBLK	Sample ID: MBLK-172596	Units: ug/L		Analysis Date: 19-Nov-2021 11:33						
Client ID:	Run ID: SV-6_396119	SeqNo: 6390207		PrepDate: 16-Nov-2021		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	ND	0.100								
2-Methylnaphthalene	ND	0.100								
Acenaphthene	ND	0.100								
Acenaphthylene	ND	0.100								
Anthracene	ND	0.100								
Benz(a)anthracene	ND	0.100								
Benzo(a)pyrene	ND	0.100								
Benzo(b)fluoranthene	ND	0.100								
Benzo(g,h,i)perylene	ND	0.100								
Benzo(k)fluoranthene	ND	0.100								
Chrysene	ND	0.100								
Dibenz(a,h)anthracene	ND	0.100								
Dibenzofuran	ND	0.100								
Fluoranthene	ND	0.100								
Fluorene	ND	0.100								
Indeno(1,2,3-cd)pyrene	ND	0.100								
Naphthalene	ND	0.100								
Phenanthrene	ND	0.100								
Pyrene	ND	0.100								
Surr: 2-Fluorobiphenyl	3.798	0.100	3.03	0	125	32 - 130				
Surr: 4-Terphenyl-d14	3.561	0.100	3.03	0	118	40 - 135				
Surr: Nitrobenzene-d5	3.55	0.100	3.03	0	117	45 - 142				

ALS Houston, US

Date: 30-Nov-21

Client: Permian Basin Environmental Lab, LP
Project: 1K11001
WorkOrder: HS21110851

QC BATCH REPORT

Batch ID: 172596 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCS		Sample ID: LCS-172596		Units: ug/L		Analysis Date: 19-Nov-2021 11:54				
Client ID:		Run ID: SV-6_396119		SeqNo: 6390208		PrepDate: 16-Nov-2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.243	0.100	3.03	0	107	40 - 140				
2-Methylnaphthalene	4.192	0.100	3.03	0	138	40 - 140				
Acenaphthene	1.631	0.100	3.03	0	53.8	40 - 140				
Acenaphthylene	4.005	0.100	3.03	0	132	40 - 140				
Anthracene	3.059	0.100	3.03	0	101	40 - 140				
Benz(a)anthracene	4.129	0.100	3.03	0	136	40 - 140				
Benzo(a)pyrene	4.153	0.100	3.03	0	137	40 - 140				
Benzo(b)fluoranthene	3.725	0.100	3.03	0	123	40 - 140				
Benzo(g,h,i)perylene	3.281	0.100	3.03	0	108	40 - 140				
Benzo(k)fluoranthene	3.349	0.100	3.03	0	111	40 - 140				
Chrysene	3.497	0.100	3.03	0	115	40 - 140				
Dibenz(a,h)anthracene	4.133	0.100	3.03	0	136	40 - 140				
Dibenzofuran	3.967	0.100	3.03	0	131	40 - 140				
Fluoranthene	2.861	0.100	3.03	0	94.4	40 - 140				
Fluorene	3.984	0.100	3.03	0	131	40 - 140				
Indeno(1,2,3-cd)pyrene	3.037	0.100	3.03	0	100	40 - 140				
Naphthalene	2.736	0.100	3.03	0	90.3	40 - 140				
Phenanthrene	3.253	0.100	3.03	0	107	40 - 140				
Pyrene	3.857	0.100	3.03	0	127	40 - 140				
Surr: 2-Fluorobiphenyl	3.477	0.100	3.03	0	115	32 - 130				
Surr: 4-Terphenyl-d14	3.453	0.100	3.03	0	114	40 - 135				
Surr: Nitrobenzene-d5	4.208	0.100	3.03	0	139	45 - 142				

ALS Houston, US

Date: 30-Nov-21

Client: Permian Basin Environmental Lab, LP
Project: 1K11001
WorkOrder: HS21110851

QC BATCH REPORT

Batch ID: 172596 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCSD		Sample ID: LCSD-172596		Units: ug/L		Analysis Date: 19-Nov-2021 12:14				
Client ID:		Run ID: SV-6_396119		SeqNo: 6390209		PrepDate: 16-Nov-2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.916	0.100	3.03	0	129	40 - 140	3.243	18.8	25	
2-Methylnaphthalene	4.052	0.100	3.03	0	134	40 - 140	4.192	3.39	25	
Acenaphthene	3.96	0.100	3.03	0	131	40 - 140	1.631	83.3	25	R
Acenaphthylene	4.232	0.100	3.03	0	140	40 - 140	4.005	5.5	25	
Anthracene	3.183	0.100	3.03	0	105	40 - 140	3.059	3.97	25	
Benz(a)anthracene	3.587	0.100	3.03	0	118	40 - 140	4.129	14	25	
Benzo(a)pyrene	3.551	0.100	3.03	0	117	40 - 140	4.153	15.6	25	
Benzo(b)fluoranthene	3.516	0.100	3.03	0	116	40 - 140	3.725	5.77	25	
Benzo(g,h,i)perylene	3.278	0.100	3.03	0	108	40 - 140	3.281	0.0721	25	
Benzo(k)fluoranthene	3.364	0.100	3.03	0	111	40 - 140	3.349	0.46	25	
Chrysene	3.233	0.100	3.03	0	107	40 - 140	3.497	7.85	25	
Dibenz(a,h)anthracene	3.39	0.100	3.03	0	112	40 - 140	4.133	19.8	25	
Dibenzofuran	4.188	0.100	3.03	0	138	40 - 140	3.967	5.4	25	
Fluoranthene	2.663	0.100	3.03	0	87.9	40 - 140	2.861	7.19	25	
Fluorene	4.186	0.100	3.03	0	138	40 - 140	3.984	4.96	25	
Indeno(1,2,3-cd)pyrene	2.888	0.100	3.03	0	95.3	40 - 140	3.037	5.05	25	
Naphthalene	3.966	0.100	3.03	0	131	40 - 140	2.736	36.7	25	R
Phenanthrene	3.053	0.100	3.03	0	101	40 - 140	3.253	6.35	25	
Pyrene	3.795	0.100	3.03	0	125	40 - 140	3.857	1.62	25	
Surr: 2-Fluorobiphenyl	3.709	0.100	3.03	0	122	32 - 130	3.477	6.45	25	
Surr: 4-Terphenyl-d14	3.65	0.100	3.03	0	120	40 - 135	3.453	5.55	25	
Surr: Nitrobenzene-d5	3.966	0.100	3.03	0	131	45 - 142	4.208	5.92	25	

The following samples were analyzed in this batch: HS21110851-01 HS21110851-02 HS21110851-03 HS21110851-04

ALS Houston, US

Date: 30-Nov-21

Client: Permian Basin Environmental Lab, LP
Project: 1K11001
WorkOrder: HS21110851

**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: 30-Nov-21

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	21-022-0	26-Mar-2022
Dept of Defense	PJLA L20-507-R2	22-Dec-2021
Florida	E87611-33	30-Jun-2022
Illinois	2000322021-7	09-May-2022
Kansas	E-10352 2021-2022	31-Jul-2022
Kentucky	123043, 2021-2022	30-Apr-2022
Louisiana	03087, 2021-2022	30-Jun-2022
North Carolina	624-2021	31-Dec-2021
Texas	T104704231-21-28	30-Apr-2022

ALS Houston, US

Date: 30-Nov-21

Sample Receipt Checklist

Work Order ID: HS21110851

Date/Time Received: 12-Nov-2021 11:50

Client Name: Permian Basin Lab

Received by: Pablo Martinez

Completed By: <u>/S/ Paresh M. Giga</u>	13-Nov-2021 15:59	Reviewed by: <u>/S/ Bernadette A. Fini</u>	15-Nov-2021 08:26
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):	1.2C U/c IR31		
Cooler(s)/Kit(s):	Red		
Date/Time sample(s) sent to storage:	11/12/2021 20:00		
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☒
pH adjusted?	Yes ☐	No ☐	N/A ☒
pH adjusted by:			

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:

Red NOV 12 2021

Red

FRI - 12 NOV AA
STANDARD OVERNIGHT

TRK# 8161 1355 9477

AB SGRA

77099
TX-US
IAH



**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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

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

Surface Owner Deck Estate	Mineral Owner	Lease No.
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LOCATION OF RELEASE

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

Type of Release Crude Oil	Volume of Release 300 bbls barrels	Volume Recovered 190 bbls barrels
Source of Release 8" Steel Pipeline	Date and Hour of Occurrence 11-06-02 @ 11:00 AM	Date and Hour of Discovery 11-6-02 @ 4:00 PM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Paul Sheeley	
By Whom? Pat McCasland, EPI	Date and Hour 11-07-02 @ 6:30 AM	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. NA	
If a Watercourse was Impacted, Describe Fully.* NA		
Describe Cause of Problem and Remedial Action Taken.* Pipe repair clamp installed.		
Describe Area Affected and Cleanup Action Taken.* Site will be delineated and a remediation plan developed. Remedial Goals: TPH 8015m = 100 mg/Kg, Benzene = 10 mg/Kg, and BTEX, i.e., the mass sum of Benzene, Ethyl Benzene, Toluene, and Xylenes = 50 mg/Kg.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature: 	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Frank Hernandez	Approved by District Supervisor:	
Title: District Environmental Supervisor	Approval Date:	Expiration Date:
Date: 9-10-02 Phone: 915.638.3799	Conditions of Approval:	Attached ☐

* Attach Additional Sheets If Necessary

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 92579

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	OGRID:
	34053
	Action Number: 92579
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2021 ANNUAL MONITORING REPORT: Content satisfactory Contractor anticipated actions approved by NMOCD and are as follows; 1. Continue quarterly and annual monitoring and groundwater sampling in 2022 2. Monitor well gauging will continue on a monthly schedule according to site conditions 3. Complete sampling from MW-1, MW-3, MW-6A, and MW-7A for PAH analysis in 2022 4. Submit the Annual Monitoring Report to the NMOCD no later than March 31, 2023.	8/3/2022