2023
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

REVIEWED
By Mike Buchanan at 11:22 am, Aug 14, 2024

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

May 2024

Review of the 2023 Annual Monitoring Report for Junction 34 to Lea Station: content satisfactory
1. Continue to conduct quarterly and annual groundwater monitoring for 2024 as scheduled.
2. Continue well gauging on a monthly basis as scheduled.
3. Conduct PAH analysis for the following monitoring wells: MW-1, MW-3, MW-6A, MW-7A for the 2024 reporting period and enter narrative with any results and recommendations in the 2024 annual report.
4. Submit the 2024 annual report to OCD by April 1, 2024.

yant
Manager

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

TABLE OF CONTENTS

INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), TRC Environmental Corporation (TRC) is pleased to submit this 2023 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 2023. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2023 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 ¼ SW ¼, Section 21, Township 20 South, Range 37 East. The Release Notification and Corrective Action (Form C-141) submitted by Enron Oil Trading and Transportation (EOTT) reported approximately three hundred (300) barrels of crude oil released with one hundred ninety (190) barrels recovered (see Appendix B). The Release is reported to have been due to internal corrosion of the pipeline. The Release impacted approximately 10,769 square feet of the pipeline right-of-way, caliche road, and land owned by the Millard Deck Estate. On November 6, 2002, following the discovery of the Release, a contractor and EOTT personnel mobilized to the Site, exposed the pipeline and installed a pipeline repair clamp. Hydrocarbon impacted soil excavated during the initial response activities was transported to an NMOCD approved land farm. In February 2003, hydrocarbon impacted soil, previously identified by the advancement of nine (9) soil borings, was excavated to a depth of approximately twenty-five (25) feet below ground surface (bgs). The excavated soil was stockpiled on-site for future remediation activities.

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

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

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

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

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

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

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

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

FIELD ACTIVITIES

Product Recovery Efforts

During the reporting period, no measurable thickness of PSH was detected in the Site monitor wells. Table 1 depicts the groundwater gauging data for the reporting period. Historical groundwater elevation data beginning at project inception is summarized in Table 4

Groundwater Monitoring

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

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

The Site monitor wells were gauged and sampled on February 16, May 31-June 1, August 10-11, and November 8, 2023. 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 2023, are depicted on the Inferred Groundwater Gradient Maps, Figures 2A-2D. Groundwater elevation data for 2023 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 0.0037 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 0.0038 feet/foot during 3rd quarter.

LABORATORY RESULTS

Groundwater samples obtained during all four (4) quarterly sampling events of 2023 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 2023 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 2023 are summarized in Table 2 and historical concentrations of BTEX in groundwater are summarized in Table 5. The 2023 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 2023 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 0.169 mg/L during the 1st and 3rd quarter to 2.54 mg/L during the 2nd quarter of 2023. Benzene concentrations were above the NMOCD regulatory guideline of 0.01 mg/L during the four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00230 mg/L during the 4th quarter to 0.00439 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 0.0196 mg/L during the 4th quarter to 0.0606 mg/L during the 3rd

quarter of 2023. 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 0.01414 mg/L during the 4th quarter to 0.02547 mg/L during the 3rd quarter of 2023. 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 fluoranthene (0.0076 mg/L), Indeno [1,2,3-cd)pyrene (0.0068 mg/L), pyrene (0.073 mg/L), and naphthalene (0.0821 mg/L).

Monitor well MW-2 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.00241 during the 3rd quarter 0.0143 mg/L during the 2nd quarter of 2023. Benzene concentrations were above the NMOCD regulatory guidelines during the 2nd quarter of the reporting period. Toluene concentrations were below the applicable laboratory RL during all four (4) quarters of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from below the applicable laboratory RL during the 2nd quarter to 0.0226 mg/L during the 4th quarter. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable RL during the 1st, 2nd, and 3rd quarters to 0.00781 mg/L during the 4th quarter of 2023. 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 0.524 mg/L during the 4th quarter to 1.08 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 0.00174 mg/L during the 2nd quarter to 0.0131 mg/L during the 4th quarter of the reporting period. Toluene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable RL during the 3rd quarter to 0.0184 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 0.0128 mg/L during the 2nd quarter to 0.05075 mg/L during the 4th quarter of 2023. Xylene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for fluorene (0.0034 mg/L), Indeno [1,2,3-cd)pyrene (0.0025 mg/L), phenanthrene (0.0058 mg/L), and pyrene (0.014 mg/L).

Monitor well MW-4A is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from below the applicable laboratory RL during the 3rd and 4th quarters to 0.0198 mg/L during the 2nd quarter. Benzene concentrations were above the NMOCD regulatory guidelines during the 2nd quarter of the reporting period. Toluene, ethylbenzene, and xylene concentrations were less than the applicable laboratory RL and NMOCD regulatory

guidelines during all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-5A is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from less than the applicable laboratory RL during the 1st, 2nd, and 3rd quarter to 0.00162 mg/L during the 4th quarter of the reporting period. Benzene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 1st quarter to 0.00214 mg/L during the 3rd quarter of the reporting period. Toluene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 1st and 4th quarter to 0.00335 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 less than the applicable laboratory RL during the 1st and 4th quarter to 0.00189 mg/L during the 3rd quarter of the reporting period. Xylene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-6A is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 1.04 mg/L during the 1st quarter to 1.38 mg/L during the 2nd quarter of the reporting period. Benzene concentrations were above NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.00236 mg/L during the 3rd quarter of the reporting period. Toluene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0206 mg/L during the 4th quarter to 0.0443 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 0.0772 mg/L during the 4th quarter to 0.116 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 dibenz[a,h]anthracene (0.0035 mg/L), fluoranthene (0.038 mg/L), fluorene (0.0024 mg/L), and naphthalene (0.029 mg/L).

Monitor well MW-7A is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.167 mg/L during the 2nd quarter to 1.17 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 0.00504 mg/L during the 1st quarter to 0.0106 mg/L during the 4th quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory guideline during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00618 mg/L during the 1st quarter to 0.02560 mg/L during the 4th quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guideline during all four (4) quarters of the

reporting period. Xylene concentrations ranged from 0.0162 mg/L during the 2nd quarter to 0.04119 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 chrysene (0.0049 mg/L) and fluorene (0.0046 mg/L).

Monitor well MW-8 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 1st quarter sampling event of 2006. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-9 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from less than the applicable laboratory RL during the 1st, 2nd, and 4th quarter to 0.00211 mg/L during the 3rd quarter of the reporting period. Benzene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene, ethylbenzene, and xylene concentrations were less than the applicable laboratory RL and NMOCD regulatory guideline during all four (4) quarter of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-10 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0693 mg/L during the 3rd quarter to 0.132 mg/L during the 2nd quarter of the reporting period. Benzene concentrations were above the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations were less than the applicable laboratory RL during all four (4) quarters of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 1st and 3rd quarter to 0.0121 mg/L during the 2nd quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 3rd quarter to 0.0110 mg/L during the 2nd quarter. Xylene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-11A is sampled on a quarterly schedule and the analytical results indicated 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 benzene concentrations ranged from less than the applicable laboratory RL during the 1st, 2nd, and 4th quarter to 0.00150 mg/L during the 3rd quarter of the reporting period. Benzene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene, ethylbenzene, and xylene concentrations were less than the applicable

laboratory RL and NMOCD regulatory guideline during all four (4) quarter of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

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 2023 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 0.0037 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 seven (7) 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-4A, MW-6A, MW-7A, and MW-10. Review of PAH analysis indicated monitor wells MW-1, MW-3, MW-6A, and MW-7A exhibited PAH constituents which exceeded the NMWQCC Drinking Water Standards.

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

ANTICIPATED ACTIONS

Quarterly and annual monitoring and groundwater sampling will continue in 2024. 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 2024 reporting period.

A 2024 Annual Monitoring Report will be submitted to the NMOCD by April 1, 2025.

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.

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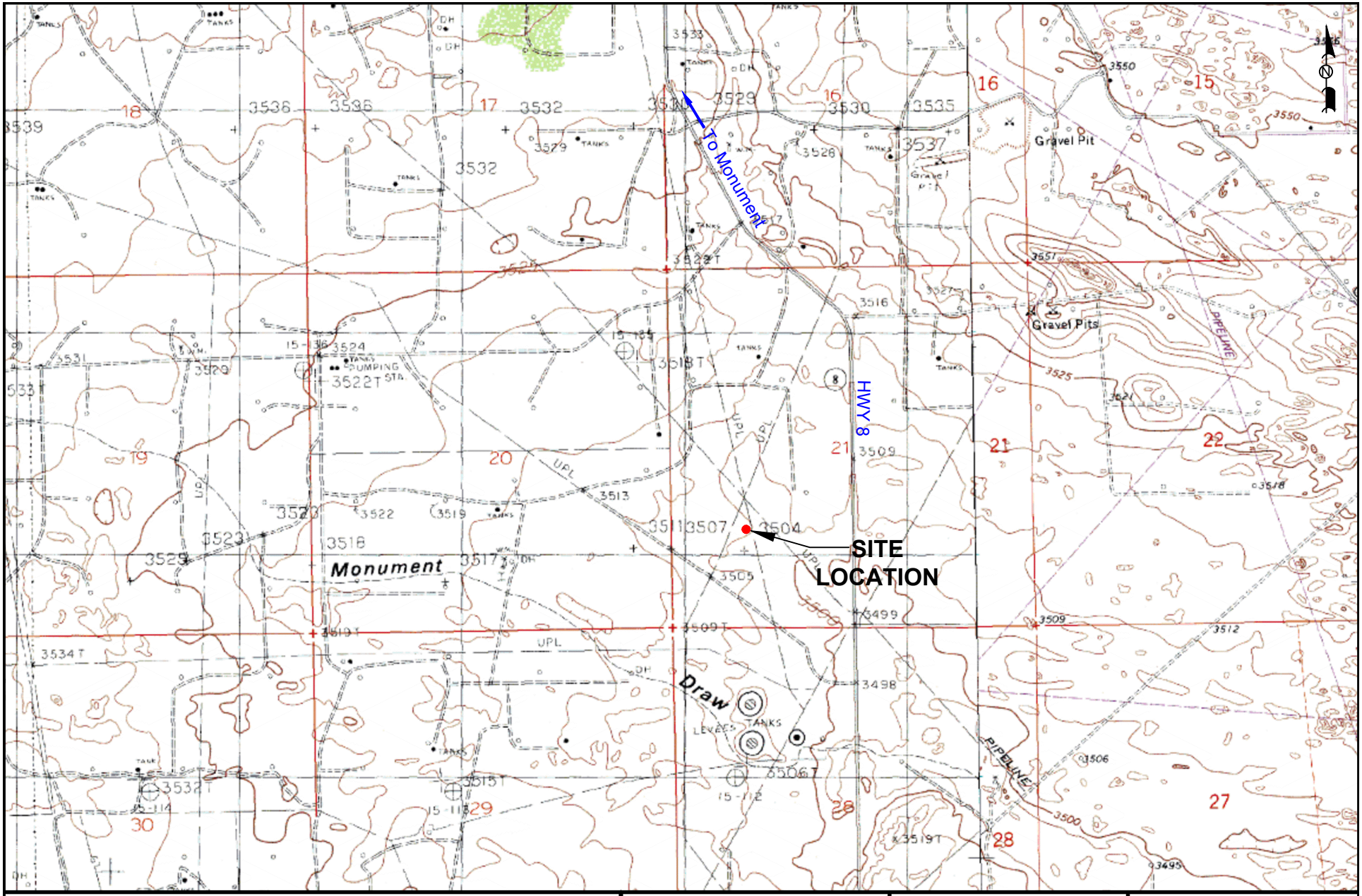

LEGEND:

2000 1000 0 1000 2000

Distance in Feet

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

Scale: 1" = 2000'	
CAD By: CS	Checked By: CS
Draft: February 7, 2022	
Lat. N 32.555222° , Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

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10 Desta Drive, Suite 130E
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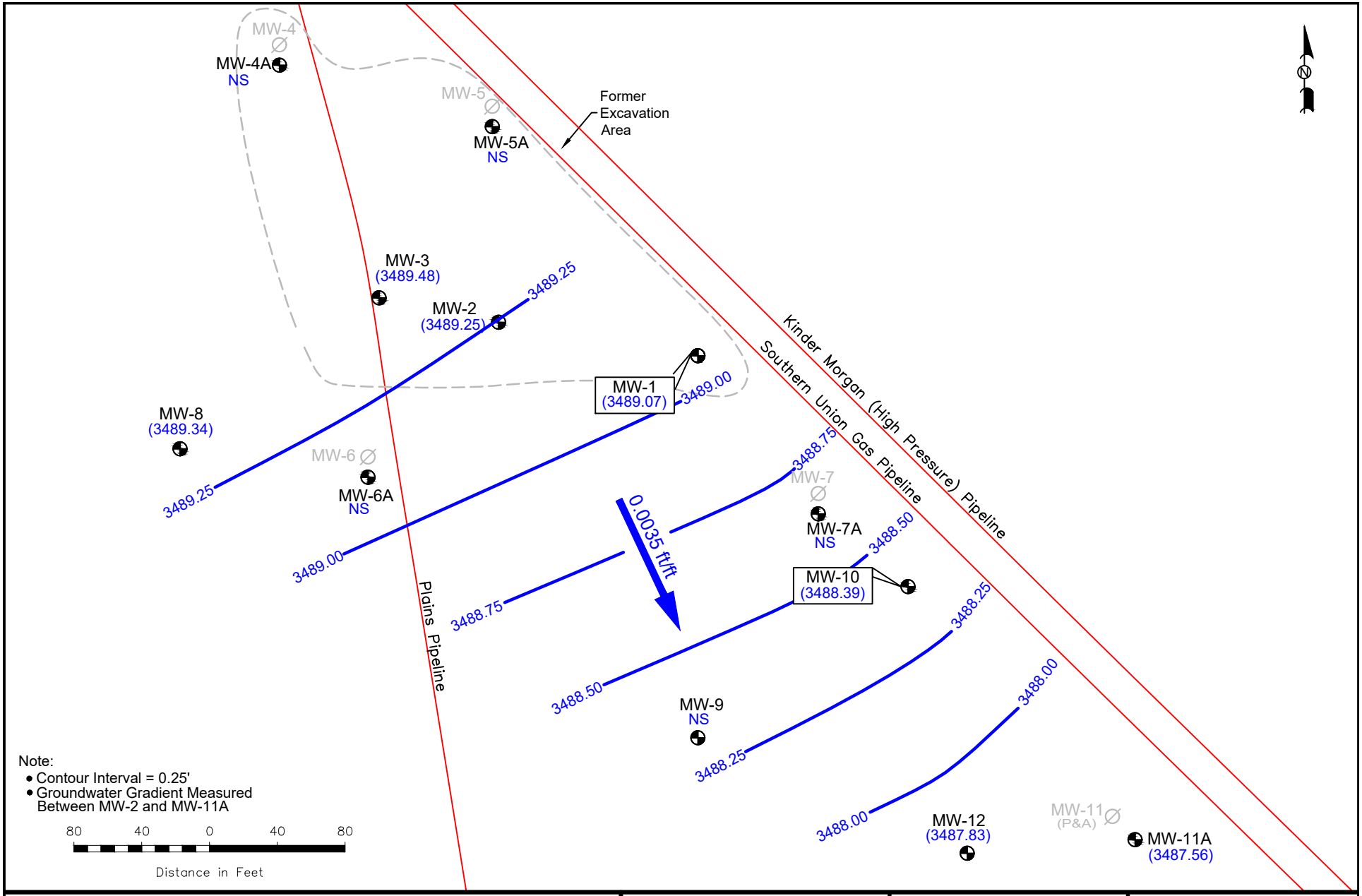

LEGEND:

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

Figure 2A
Inferred Groundwater Gradient Map
(2/16/2023)
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: MG
Draft: May10, 2023	
Lat. N 32.555222° , Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

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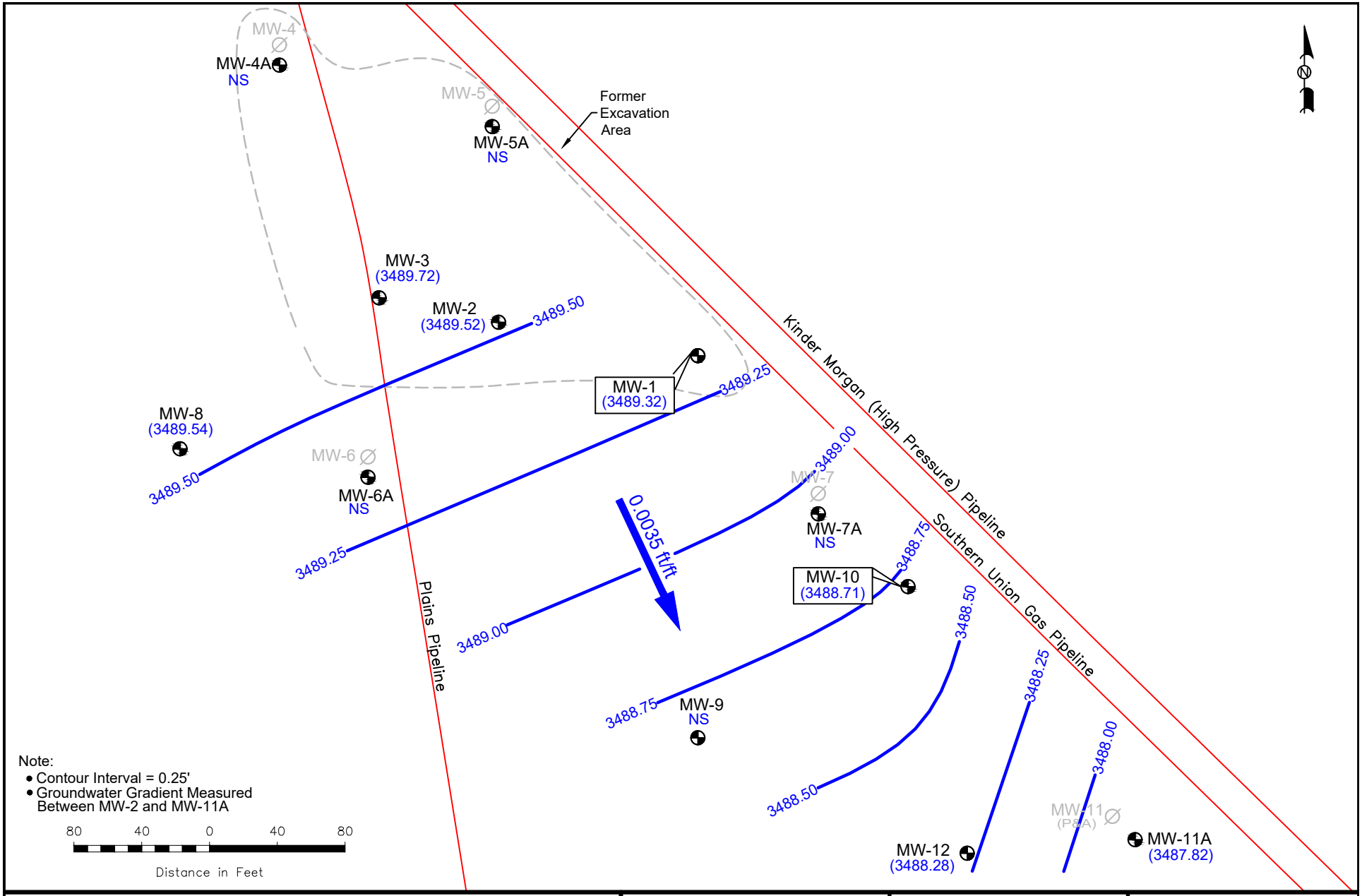

LEGEND:

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

Figure 2B
Inferred Groundwater Gradient Map
(5/31/2023 - 6/1/2023)
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: July 12, 2023	
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NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

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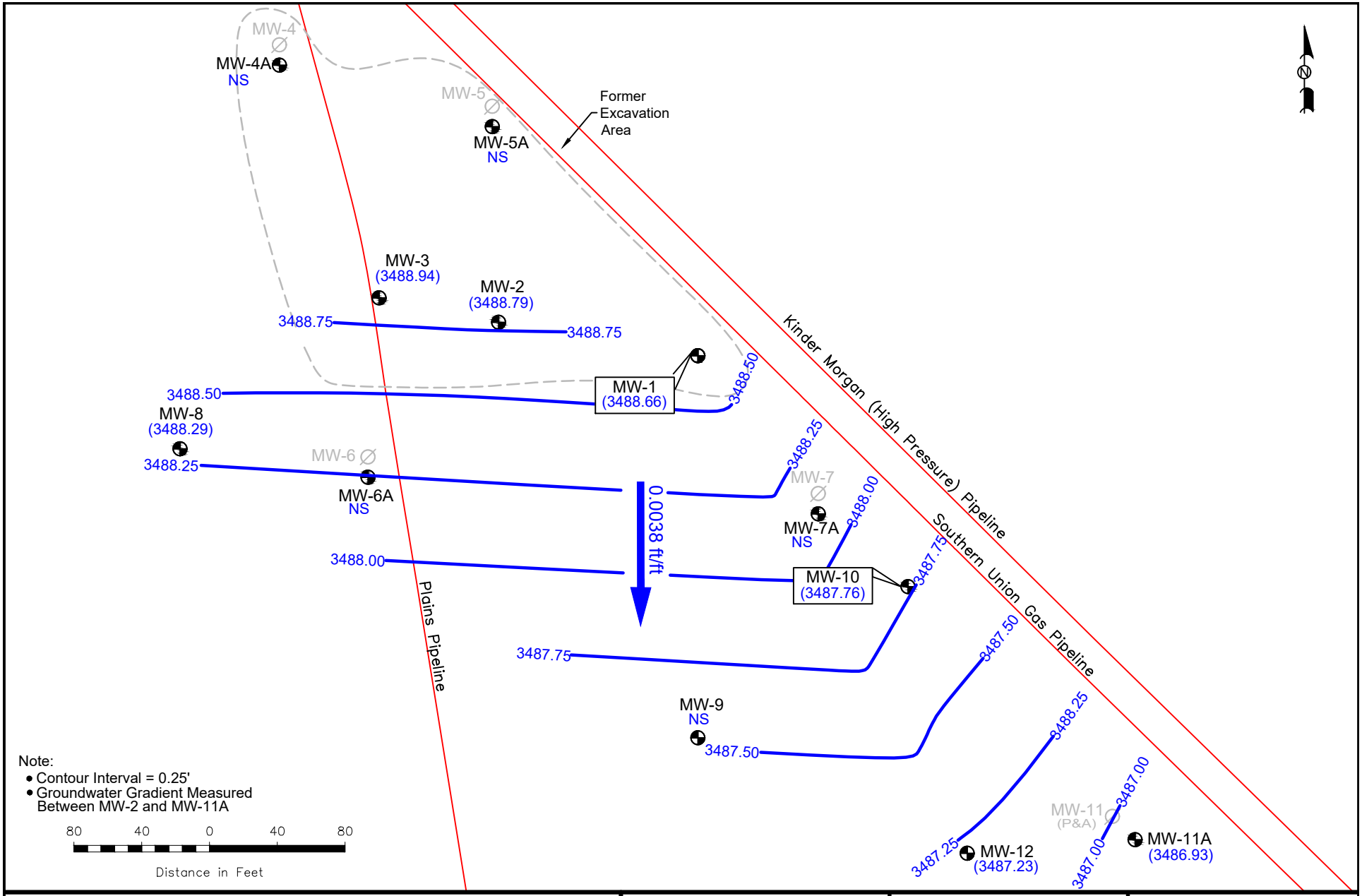

LEGEND:

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

Figure 2C
Inferred Groundwater Gradient Map
(8/10/2023 - 8/11/2023)
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: MG
Draft: August 14, 2023	
Lat. N 32.555222° , Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

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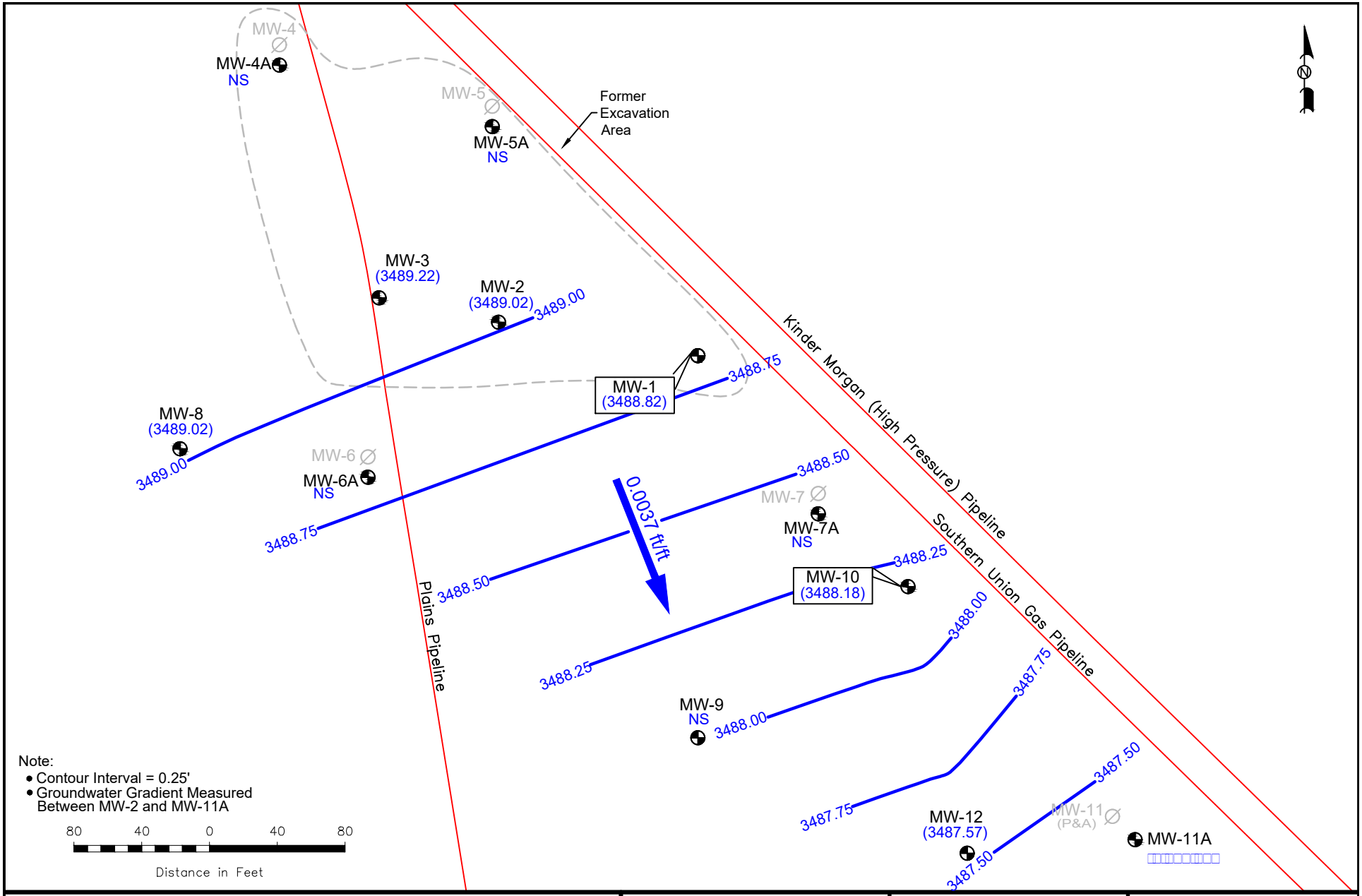

LEGEND:

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

Figure 2D
Inferred Groundwater Gradient Map
(11/7/2023 - 11/8/2023)
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: MG
Draft: December 5, 2023	
Lat. N 32.555222° , Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

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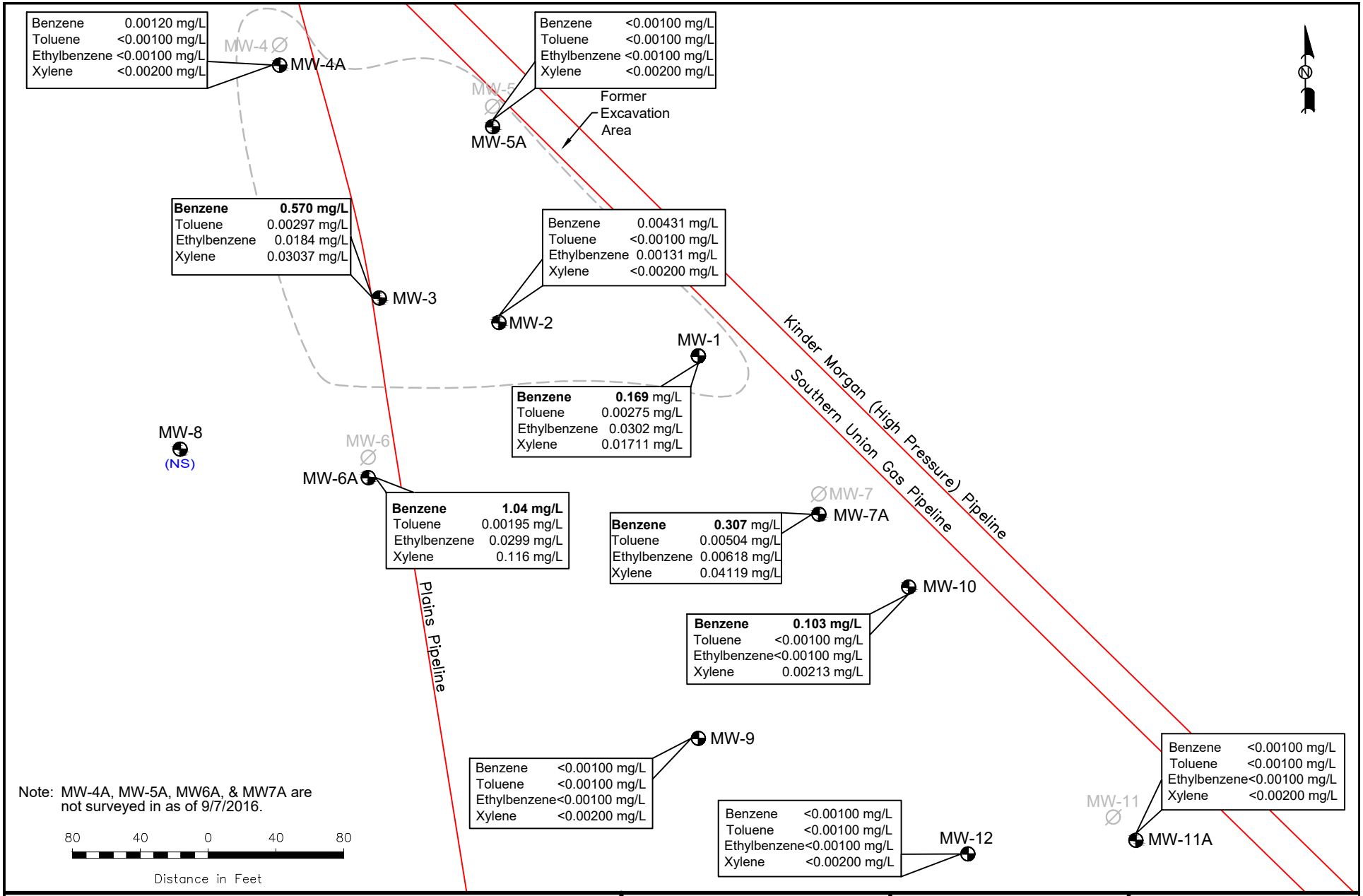

LEGEND:

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

Figure 3A
Groundwater Concentration and Inferred PSH Extent Map
(2/16/2023)
Plains Marketing, L.P.
Junction 34 To Lea Station
NMOCD Reference #1R-0386
Lea County, NM

Scale: 1" = 80'	
CAD By: CS	Checked By: MG
Draft: April 18, 2023	
Lat. N 32.555222° , Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

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10 Desta Drive, Suite 130E
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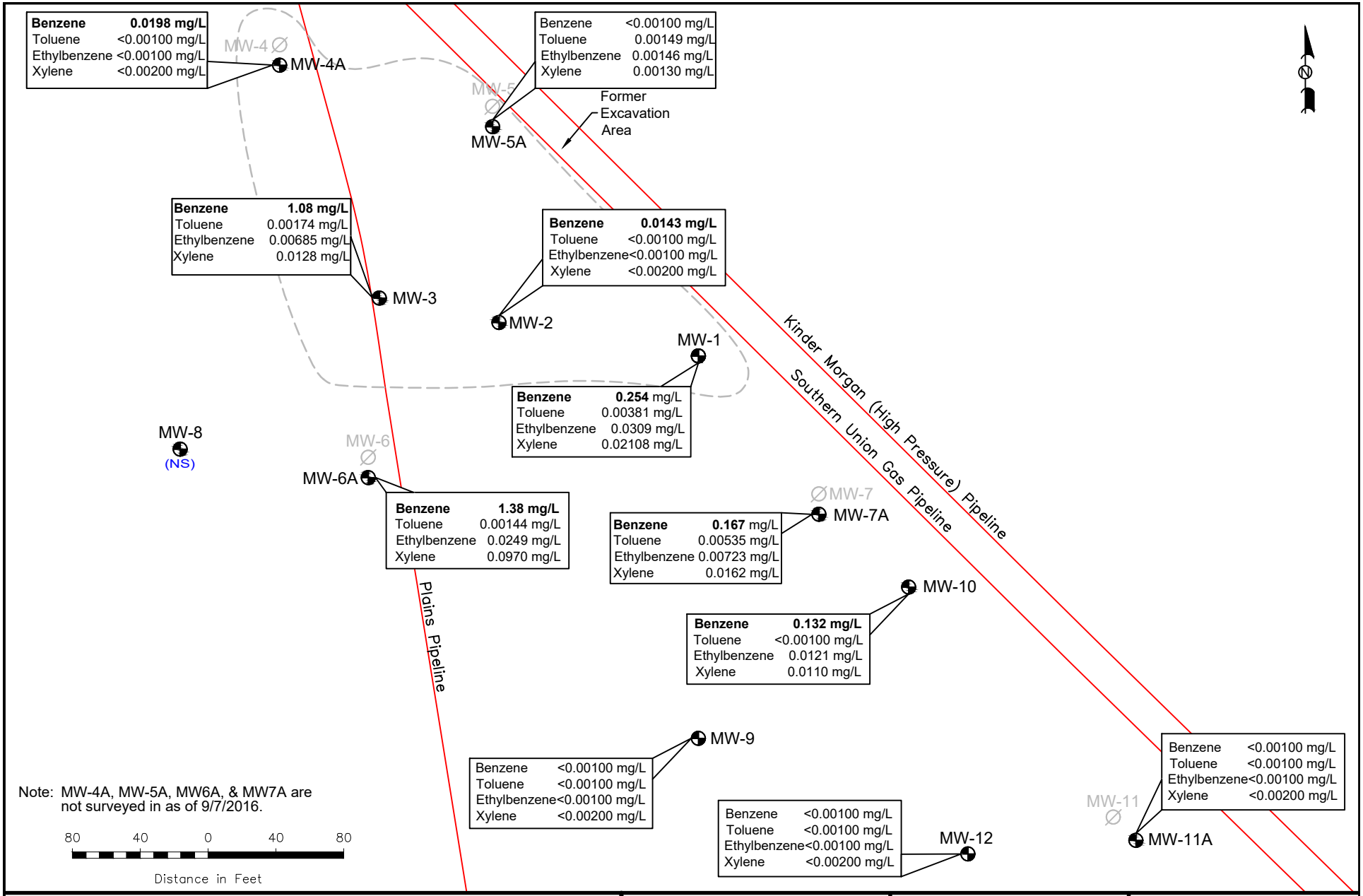
432.520.7720



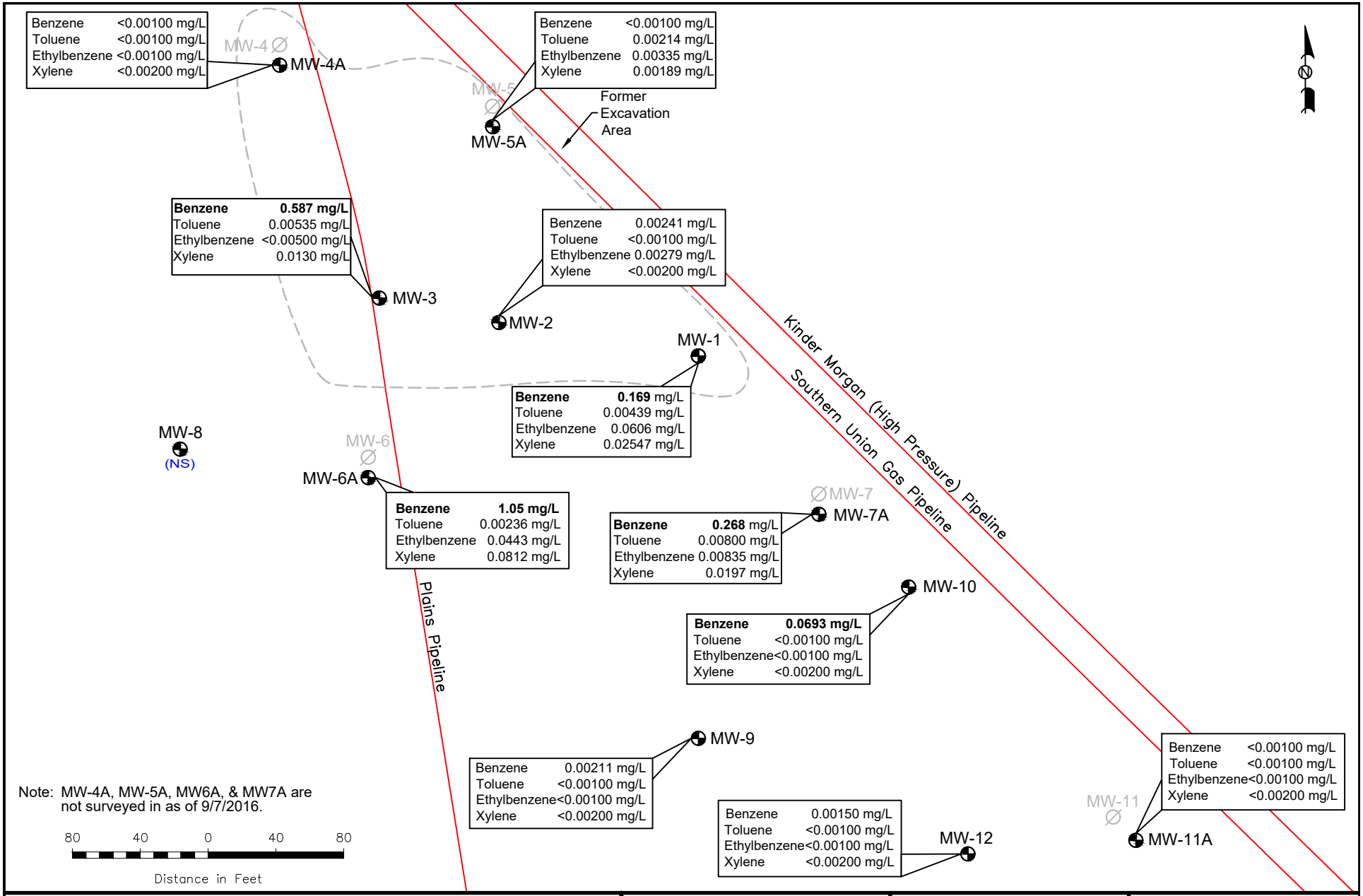
LEGEND:

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

Figure 3B
Groundwater Concentration and Inferred PSH Extent Map
(5/31/2023 - 6/1/2023)
Plains Marketing, L.P.
Junction 34 To Lea Station
NMOCD Reference #1R-0386
Lea County, NM

Scale: 1" = 80'	
CAD By: CS	Checked By: MG
Draft: June 15, 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



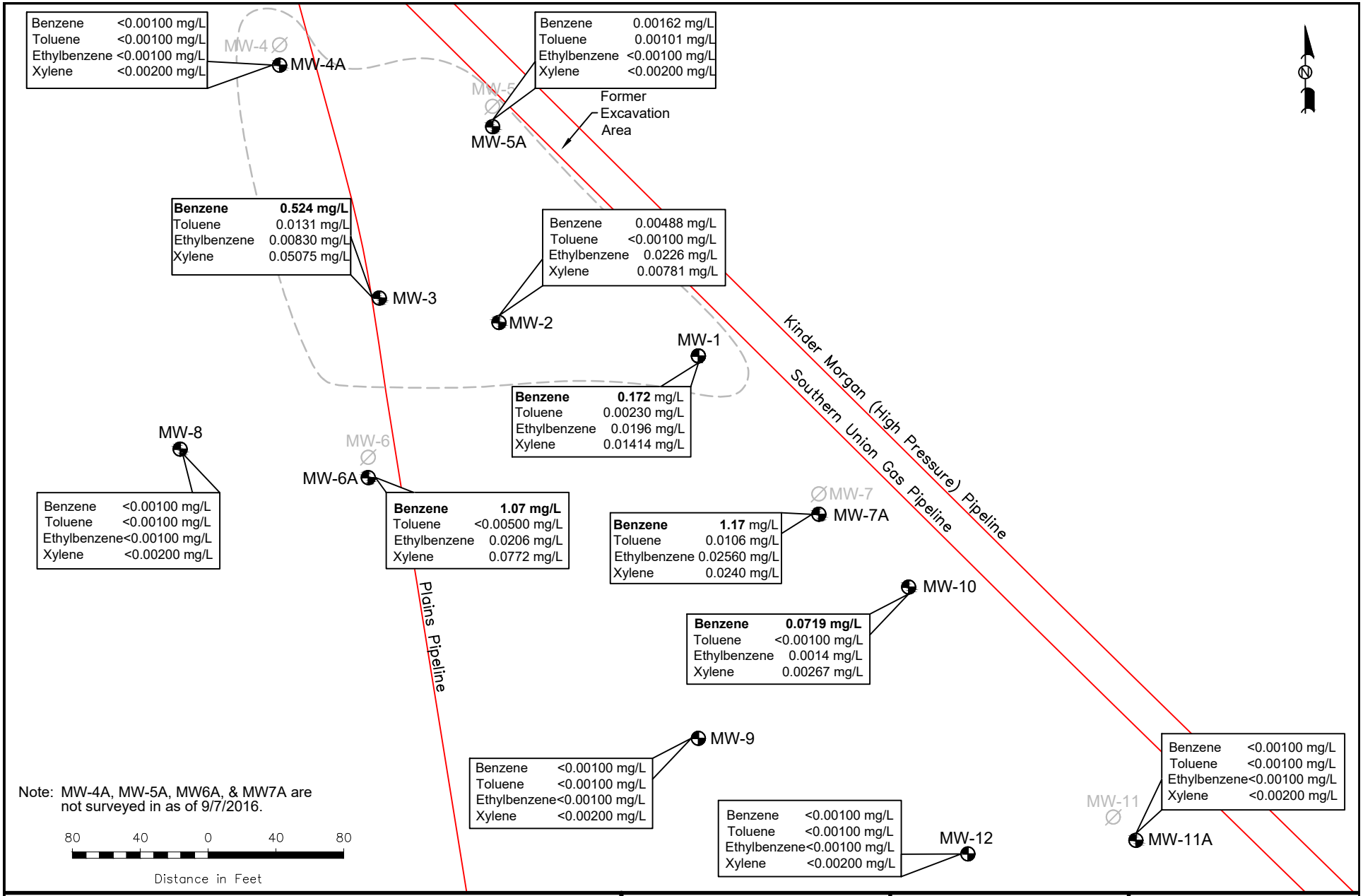
LEGEND:

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

Figure 3C
Groundwater Concentration and Inferred PSH Extent Map
(8/10/2023 - 8/11/2023)
Plains Marketing, L.P.
Junction 34 To Lea Station
NMOCD Reference #1R-0386
Lea County, NM

Scale: 1" = 80'	
CAD By: CS	Checked By: MG
Draft: August 21, 2023	
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



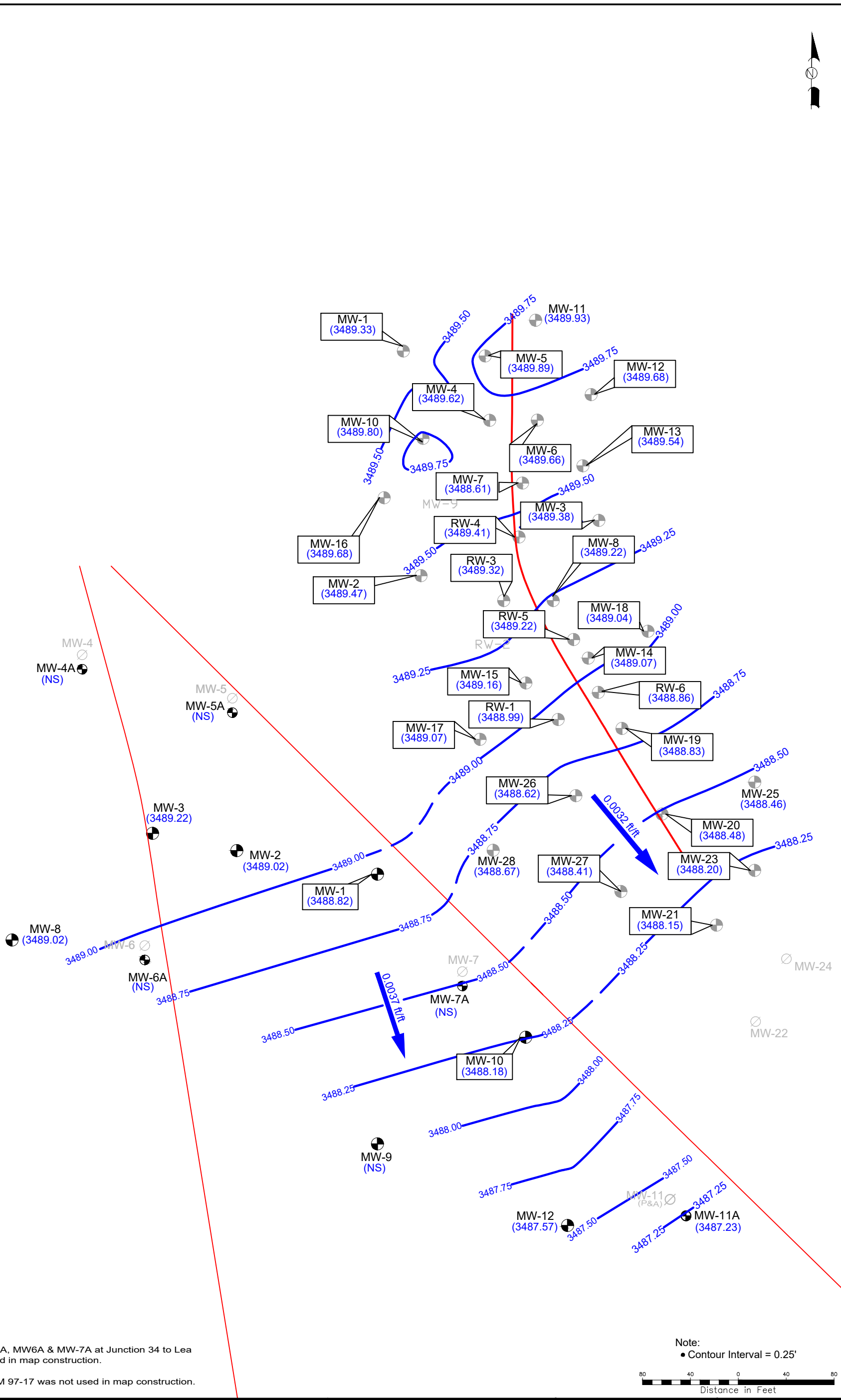
LEGEND:

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

Figure 3D
Groundwater Concentration and Inferred PSH Extent Map
(11/8/2023)
Plains Marketing, L.P.
Junction 34 To Lea Station
NMOCD Reference #1R-0386
Lea County, NM

Scale: 1" = 80'	
CAD By: CS	Checked By: MG
Draft: December 13, 2023	
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



Note: MW4A, MW5A, MW6A & MW-7A at Junction 34 to Lea were not used in map construction.

MW-7 at TNM 97-17 was not used in map construction.

Note:
- Contour Interval = 0.25'

80 40 0 40 80
Distance in Feet

LEGEND:

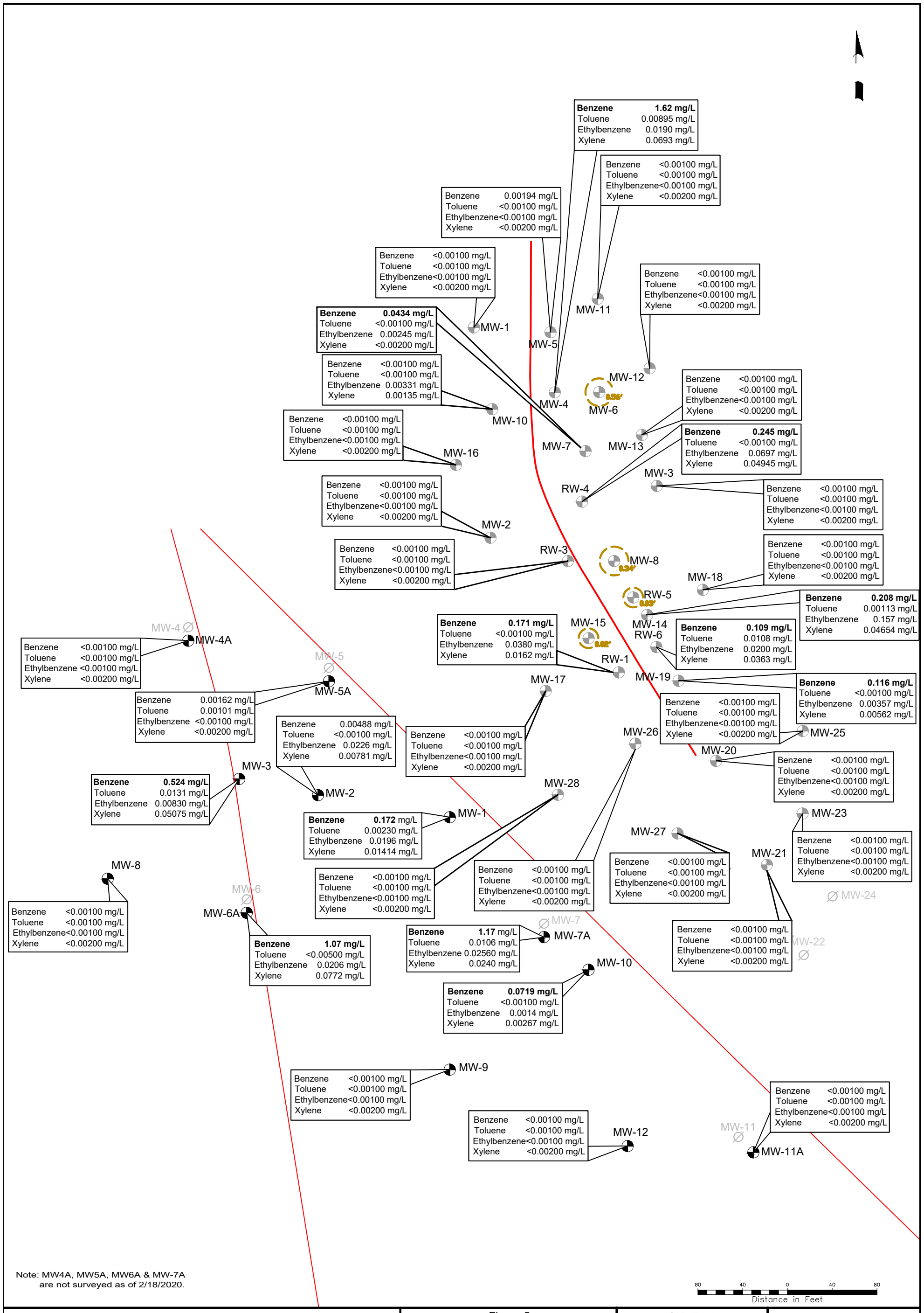
- 34 J to Lea Monitor Well Location
- TNM 97-17 Monitor Well Location
- Groundwater Contour Lines
- (3921.20) Groundwater Elevation in Feet
- MW-3 Plugged and Abandoned Wells
- Pipeline
- (NS) Well Not Surveyed

34 J to Lea NMOCD Reference # 1R-0386
TNM 97-17 NMOCD Reference # AP-017

Figure 4
Combined Inferred Groundwater Gradient Map
11/8/23 and 12/13/23-12/15/23
Plains Marketing, L.P.
Junction 34 to Lea / TNM 97-17
Lea County, NM

Scale: 1" = 80'
CAD By: CS
Checked By: MG
Draft: December 28, 2023
Lat. N 32° 33' 24.0" Long. W 103° 15' 37.3"

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


Benzene 1.62 mg/L
Toluene 0.00895 mg/L
Ethylbenzene 0.0190 mg/L
Xylene 0.0693 mg/L
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
Benzene 0.00194 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
Benzene 0.0434 mg/L
Toluene <0.00100 mg/L
Ethylbenzene 0.00245 mg/L
Xylene <0.00200 mg/L
MW-1
MW-5
MW-11
MW-12
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene 0.00331 mg/L
Xylene 0.00135 mg/L
MW-4
MW-6
MW-10
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
Benzene 0.245 mg/L
Toluene <0.00100 mg/L
Ethylbenzene 0.0697 mg/L
Xylene 0.04945 mg/L
MW-16
MW-7
MW-13
MW-3
RW-4
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
MW-2
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
RW-3
MW-8
MW-18
RW-5
Benzene 0.208 mg/L
Toluene 0.00113 mg/L
Ethylbenzene 0.157 mg/L
Xylene 0.04654 mg/L
MW-14
RW-6
Benzene 0.109 mg/L
Toluene 0.0108 mg/L
Ethylbenzene 0.0200 mg/L
Xylene 0.0363 mg/L
MW-4 ∅
MW-4A
Benzene 0.171 mg/L
Toluene <0.00100 mg/L
Ethylbenzene 0.0380 mg/L
Xylene 0.0162 mg/L
MW-15
RW-1
MW-19
Benzene 0.116 mg/L
Toluene <0.00100 mg/L
Ethylbenzene 0.00357 mg/L
Xylene 0.00562 mg/L
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
MW-5 ∅
MW-5A
MW-17
MW-25
MW-26
MW-20
Benzene 0.00162 mg/L
Toluene 0.00101 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
Benzene 0.00488 mg/L
Toluene <0.00100 mg/L
Ethylbenzene 0.0226 mg/L
Xylene 0.00781 mg/L
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
MW-3
Benzene 0.524 mg/L
Toluene 0.0131 mg/L
Ethylbenzene 0.00830 mg/L
Xylene 0.05075 mg/L
MW-2
MW-28
MW-23
Benzene 0.172 mg/L
Toluene 0.00230 mg/L
Ethylbenzene 0.0196 mg/L
Xylene 0.01414 mg/L
MW-1
MW-27
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
MW-21
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
∅ MW-24
MW-8
MW-6 ∅
MW-6A
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
Benzene 1.07 mg/L
Toluene <0.00500 mg/L
Ethylbenzene 0.0206 mg/L
Xylene 0.0772 mg/L
∅ MW-7
MW-7A
Benzene 1.17 mg/L
Toluene 0.0106 mg/L
Ethylbenzene 0.02560 mg/L
Xylene 0.0240 mg/L
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
MW-22 ∅
MW-10
Benzene 0.0719 mg/L
Toluene <0.00100 mg/L
Ethylbenzene 0.0014 mg/L
Xylene 0.00267 mg/L
MW-9
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
MW-12
MW-11 ∅
MW-11A
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
Note: MW4A, MW5A, MW6A & MW-7A are not surveyed as of 2/18/2020.
80 40 0 40 80
Distance in Feet
LEGEND:
34 J to Lea Monitor Well Location
TNM 97-17 Monitor Well Location
0.18' PSH Thickness (in feet)
<0.001 Constituent Concentration (mg/L)
Inferred PSH Extent
MW-3 ∅ Plugged and Abandoned Wells
Pipeline
34 J to Lea NMOCD Reference # 1R-0386
TNM 97-17 NMOCD Reference # AP-017
Figure 5
Unitized Concentration Map
11/8/2023 and (12/13/23 - 12/15/2023)
Plains Marketing, L.P.
Junction 34 to Lea / TNM 97-17
Lea County, NM
Scale: 1" = 80'
CAD By: CS
Checked By: MG
Draft: January 8, 2024
Lat. N 32° 33' 24.0" Long. W 103° 15' 37.3"
TRC
10 Desta Drive, Suite 130E
Midland, Texas 79705
432.520.7720

TABLES

TABLE 1

2023 Ground Water Elevation Data

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

	Field Tech	Date Measured	Casing Well Elevation	Total Well Depth	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 1	Manny	01/13/23	3,508.39		-	19.38	0.00	3,489.01
MW - 1	Manny	02/16/23	3,508.39	23.32	-	19.32	0.00	3,489.07
MW - 1	Manny	03/24/23	3,508.39		-	19.40	0.00	3,488.99
MW - 1	Manny	04/26/23	3,508.39		-	19.15	0.00	3,489.24
MW - 1	Manny	06/01/23	3,508.39	23.32	-	19.07	0.00	3,489.32
MW - 1	Manny	07/27/23	3,508.39		-	19.54	0.00	3,488.85
MW - 1	Manny	08/10/23	3,508.39	23.36	-	19.73	0.00	3,488.66
MW - 1	Manny	11/08/23	3,508.39	23.32	-	19.57	0.00	3,488.82
MW-2	Manny	02/16/23	3,509.87	28.59	-	20.62	0.00	3,489.25
MW-2	Manny	06/01/23	3,509.87	28.62	-	20.35	0.00	3,489.52
MW-2	Manny	08/10/23	3,509.87	28.62	-	21.08	0.00	3,488.79
MW-2	Manny	11/08/23	3,509.87	28.60	-	20.85	0.00	3,489.02
MW - 3	Manny	01/13/23	3,510.51		-	21.09	0.00	3,489.42
MW - 3	Manny	02/16/23	3,510.51	26.05	-	21.03	0.00	3,489.48
MW - 3	Manny	03/24/23	3,510.51		-	20.95	0.00	3,489.56
MW - 3	Manny	04/26/23	3,510.51		-	20.84	0.00	3,489.67
MW - 3	Manny	06/01/23	3,510.51	26.97	-	20.79	0.00	3,489.72
MW - 3	Manny	07/27/23	3,510.51		-	21.29	0.00	3,489.22
MW - 3	Manny	08/10/23	3,510.51	26.92	-	21.57	0.00	3,488.94
MW - 3	Manny	11/08/23	3,510.51	26.08	-	21.29	0.00	3,489.22
MW - 4A	Manny	02/16/23	100.00	26.45	-	20.08	0.00	79.92
MW - 4A	Manny	03/24/23	100.00		-	19.96	0.00	80.04
MW - 4A	Manny	04/26/23	100.00		-	19.88	0.00	80.12
MW - 4A	Manny	06/01/23	100.00	26.32	-	19.87	0.00	80.13
MW - 4A	Manny	08/10/23	100.00	21.21	-	20.72	0.00	79.28
MW - 4A	Manny	11/08/23	100.00	21.65	-	20.43	0.00	79.57
MW - 5A	Manny	01/13/23	100.00		-	19.82	0.00	80.18
MW - 5A	Manny	02/16/23	100.00	29.04	-	19.75	0.00	80.25
MW - 5A	Manny	03/24/23	100.00		-	19.65	0.00	80.35
MW - 5A	Manny	04/26/23	100.00		-	19.61	0.00	80.39
MW - 5A	Manny	06/01/23	100.00	29.06	-	19.56	0.00	80.44
MW - 5A	Manny	07/27/23	100.00		-	20.03	0.00	79.97
MW - 5A	Manny	08/10/23	100.00	29.08	-	20.26	0.00	79.74
MW - 5A	Manny	11/08/23	100.00	29.03	-	20.10	0.00	79.90
MW - 6A	Manny	01/13/23	100.00		-	22.52	0.00	77.48
MW - 6A	Manny	02/16/23	100.00	28.38	-	22.49	0.00	77.51
MW - 6A	Manny	03/24/23	100.00		-	19.96	0.00	80.04
MW - 6A	Manny	04/26/23	100.00		-	22.27	0.00	77.73
MW - 6A	Manny	06/01/23	100.00	28.04	-	22.24	0.00	77.76
MW - 6A	Manny	07/27/23	100.00		-	22.68	0.00	77.32
MW - 6A	Manny	08/10/23	100.00	28.04	-	22.94	0.00	77.06
MW - 6A	Manny	11/08/23	100.00	22.78	-	28.01	0.00	71.99
MW - 7A	Manny	01/13/23	100.00		-	20.03	0.00	79.97
MW - 7A	Manny	02/16/23	100.00	28.91	-	19.97	0.00	80.03
MW - 7A	Manny	03/24/23	100.00		-	19.80	0.00	80.20
MW - 7A	Manny	04/26/23	100.00		-	19.82	0.00	80.18
MW - 7A	Manny	06/01/23	100.00	28.95	-	19.67	0.00	80.33
MW - 7A	Manny	08/10/23	100.00	28.97	-	20.52	0.00	79.48
MW - 7A	Manny	11/08/23	100.00	29.30	-	20.22	0.00	79.78
MW - 8	Manny	02/16/23	3,513.26		-	23.92	0.00	3,489.34
MW - 8	Manny	05/31/23	3,513.26		-	23.72	0.00	3,489.54
MW - 8	Manny	08/10/23	3,513.26	33.94	-	24.97	0.00	3,488.29
MW - 8	Manny	11/08/23	3,513.26	33.90	-	24.24	0.00	3,489.02
MW - 9	Manny	02/16/23	100.00	32.66	-	21.12	0.00	78.88
MW - 9	Manny	04/26/23	100.00		-	20.96	0.00	79.04
MW - 9	Manny	06/01/23	100.00	32.66	-	20.72	0.00	79.28
MW - 9	Manny	08/10/23	100.00	32.64	-	21.57	0.00	78.43
MW - 9	Manny	11/08/23	100.00	32.72	-	21.39	0.00	78.61
MW-10	Manny	02/16/23	3,507.79	31.24	-	19.40	0.00	3,488.39
MW-10	Manny	06/01/23	3,507.79	31.26	-	19.08	0.00	3,488.71
MW-10	Manny	08/10/23	3,507.79	31.28	-	20.03	0.00	3,487.76
MW-10	Manny	11/08/23	3,507.79	31.25	-	19.61	0.00	3,488.18
MW - 11A	Manny	02/16/23	3,509.52	31.29	-	21.96	0.00	3,487.56
MW - 11A	Manny	06/01/23	3,509.52	31.25	-	21.70	0.00	3,487.82
MW - 11A	Manny	08/10/23	3,509.52	31.29	-	22.59	0.00	3,486.93
MW - 11A	Manny	11/08/23	3,509.52	31.22	-	22.29	0.00	3,487.23

TABLE 1

2023 Ground Water Elevation Data

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

	Field Tech	Date Measured	Casing Well Elevation	Total Well Depth	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 12	Manny	02/16/23	3,508.49	32.96	-	20.66	0.00	3,487.83
MW - 12	Manny	05/31/23	3,508.49	32.93	-	20.21	0.00	3,488.28
MW - 12	Manny	08/10/23	3,508.49	32.83	-	21.26	0.00	3,487.23
MW - 12	Manny	11/08/23	3,508.49	32.90	-	20.93	0.00	3,487.56

TABLE 2

2023 CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 1	02/16/23	**0.169**	0.00275	0.0302	0.01711	
MW - 1	06/01/23	**0.254**	0.00381	0.0309	0.02108	
MW - 1	08/11/23	**0.169**	0.00439	0.0606	0.02547	
MW - 1	11/08/23	**0.172**	0.00230	0.0196	0.01414	
MW - 2	02/16/23	0.00431	<0.00100	0.00131	<0.00200	
MW - 2	06/01/23	**0.0143**	<0.00100	<0.00100	<0.00200	
MW - 2	08/11/23	0.00241	<0.00100	0.00279	<0.00200	
MW - 2	11/08/23	0.00488	<0.00100	0.0226	0.00781	
MW - 3	02/16/23	**0.570**	0.00297	0.0184	0.03037	
MW - 3	06/01/23	**1.08**	0.00174	0.00685	0.0128	
MW - 3	08/11/23	**0.587**	0.00535	<0.00500	0.0130	
MW - 3	11/08/23	**0.524**	0.0131	0.00830	0.05075	
MW-4A	02/16/23	0.00120	<0.00100	<0.00100	<0.00200	
MW-4A	06/01/23	**0.0198**	<0.00100	<0.00100	<0.00200	
MW-4A	08/11/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW-4A	11/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5A	02/16/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5A	06/01/23	<0.00100	0.00149	0.00146	0.00130	
MW - 5A	08/11/23	<0.00100	0.00214	0.00335	0.00189	
MW - 5A	11/08/23	0.00162	0.00101	<0.00100	<0.00200	
MW - 6A	02/16/23	**1.04**	0.00195	0.0299	0.116	
MW - 6A	06/01/23	**1.38**	0.00144	0.0249	0.0970	
MW - 6A	08/11/23	**1.05**	0.00236	0.0443	0.0812	
MW - 6A	11/08/23	**1.07**	<0.00500	0.0206	0.0772	
MW - 7A	02/16/23	**0.307**	0.00504	0.00618	0.04119	
MW - 7A	06/01/23	**0.167**	0.00535	0.00723	0.0162	
MW - 7A	08/11/23	**0.268**	0.00800	0.00835	0.0197	
MW - 7A	11/08/23	**1.17**	0.0106	0.02560	0.0240	
MW - 8	02/16/23	Not Sampled on Current Sample Schedule				
MW - 8	06/01/23	Not Sampled on Current Sample Schedule				
MW - 8	08/11/23	Not Sampled on Current Sample Schedule				

TABLE 2

2023 CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 8	11/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	02/16/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	06/01/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	08/11/23	0.00211	<0.00100	<0.00100	<0.00200	
MW - 9	11/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	02/16/23	**0.103**	<0.00100	<0.00100	0.00213	
MW - 10	06/01/23	**0.132**	<0.00100	0.0121	0.0110	
MW - 10	08/11/23	**0.0693**	<0.00100	<0.00100	<0.00200	
MW - 10	11/08/23	**0.0719**	<0.00100	0.0014	0.00267	
MW - 11A	02/16/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	06/01/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	08/11/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	11/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	02/16/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	05/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	08/11/23	0.00150	<0.00100	<0.00100	<0.00200	
MW - 12	11/08/23	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 3

2023 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER
PLAINS MARKETING, L.P.
JUNCTION 34 TO LEA STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0386

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																	
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
MW-1	11/08/23	0.00069	0.00081	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0076**	<0.00010	**0.0068**	<0.00010	**0.073**	**0.0821**			<0.00010
MW-2	11/08/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/08/23	0.00049	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	**0.0034**	**0.0025**	**0.058**	**0.014**	0.00029			<0.00011
MW-4A	11/08/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5A	11/08/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6A	11/08/23	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	**0.0035**	**0.038**	**0.0024**	<0.00011	<0.00011	0.00044	**0.029**			<0.00011
MW-7A	11/08/23	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0049**	<0.00010	<0.00010	**0.0046**	<0.00010	<0.00010	<0.00010	0.00054			0.0049
MW-8	11/08/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/08/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/08/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11A	11/08/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/08/23	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 - 1	01/07/22	3,508.39	-	19.35	0.00	3,489.04
MW - 1	02/07/22	3,508.39	-	19.32	0.00	3,489.07
MW - 1	03/11/22	3,508.39	-	19.32	0.00	3,489.07
MW - 1	04/05/22	3,508.39	-	19.26	0.00	3,489.13
MW - 1	04/21/22	3,508.39	-	19.29	0.00	3,489.10
MW - 1	06/17/22	3,508.39	-	19.49	0.00	3,488.90
MW - 1	06/24/22	3,508.39	-	19.50	0.00	3,488.89

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 1	07/22/22	3,508.39	-	19.63	0.00	3,488.76
MW - 1	07/29/22	3,508.39	-	19.66	0.00	3,488.73
MW - 1	08/26/22	3,508.39	-	19.82	0.00	3,488.57
MW - 1	09/28/22	3,508.39	-	19.68	0.00	3,488.71
MW - 1	09/28/22	3,508.39	-	19.68	0.00	3,488.71
MW - 1	10/13/22	3,508.39	-	19.74	0.00	3,488.65
MW - 1	12/22/22	3,508.39	-	19.46	0.00	3,488.93
MW - 1	01/13/23	3,508.39	-	19.38	0.00	3,489.01
MW - 1	02/16/23	3,508.39	-	19.32	0.00	3,489.07
MW - 1	03/24/23	3,508.39	-	19.40	0.00	3,488.99
MW - 1	04/26/23	3,508.39	-	19.15	0.00	3,489.24
MW - 1	06/01/23	3,508.39	-	19.07	0.00	3,489.32
MW - 1	07/27/23	3,508.39	-	19.54	0.00	3,488.85
MW - 1	08/10/23	3,508.39	-	19.73	0.00	3,488.66
MW - 1	11/08/23	3,508.39	-	19.57	0.00	3,488.82
MW - 2	02/11/03	3,501.45	-	17.25	0.00	3,484.20
MW - 2	02/27/03	3,501.45	-	19.75	0.00	3,481.70
MW - 2	05/05/04	3,501.45	-	12.56	0.00	3,488.89
MW - 2	05/25/04	3,501.45	-	12.95	0.00	3,488.50
MW - 2	06/03/04	3,501.45	-	12.80	0.00	3,488.65
MW - 2	06/15/04	3,501.45	-	12.82	0.00	3,488.63
MW - 2	07/08/04	3,501.45	-	12.70	0.00	3,488.75
MW - 2	07/26/04	3,501.45	-	12.78	0.00	3,488.67
MW - 2	09/10/04	3,501.45	-	13.05	0.00	3,488.40
MW - 2	09/21/04	3,501.45	-	13.27	0.00	3,488.18
MW - 2	10/04/04	3,501.45	-	12.11	0.00	3,489.34
MW - 2	10/15/04	3,501.45	-	12.22	0.00	3,489.23
MW - 2	11/09/04	3,501.45	-	12.71	0.00	3,488.74
MW - 2	11/16/04	3,501.45	-	12.19	0.00	3,489.26
MW - 2	12/07/04	3,501.45	-	12.27	0.00	3,489.18
MW - 2	12/17/04	3,501.45	-	12.32	0.00	3,489.13
MW - 2	01/07/05	3,501.45	-	12.13	0.00	3,489.32
MW - 2	02/21/05	3,501.45	-	11.99	0.00	3,489.46
MW - 2	03/29/05	3,501.45	-	11.68	0.00	3,489.77
MW - 2	04/22/05	3,501.45	-	11.75	0.00	3,489.70
MW - 2	05/06/05	3,501.45	-	11.64	0.00	3,489.81
MW - 2	05/11/05	3,501.45	-	11.65	0.00	3,489.80
MW - 2	07/19/05	3,501.45	-	11.62	0.00	3,489.83
MW - 2	08/16/05	3,501.45	-	11.37	0.00	3,490.08

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	10/05/05	3,501.45	-	11.71	0.00	3,489.74
MW - 2	11/15/05	3,501.45	-	11.55	0.00	3,489.90
MW - 2	02/15/06	3,501.45	-	11.45	0.00	3,490.00
MW - 2	03/13/06	3,501.45	-	11.57	0.00	3,489.88
MW - 2	03/22/06	3,501.45	NOT SAMPLED			
MW - 2	05/23/06	3,501.45	-	11.44	0.00	3,490.01
MW - 2	07/20/06	3,501.45	-	11.77	0.00	3,489.68
MW - 2	08/09/06	3,501.45	-	11.65	0.00	3,489.80
MW - 2	10/18/06	3,501.45	-	11.25	0.00	3,490.20
MW - 2	11/27/06	3,501.45	-	11.31	0.00	3,490.14
MW - 2	12/11/06	3,501.45	-	11.36	0.00	3,490.09
MW - 2	01/04/07	3,501.45	-	11.29	0.00	3,490.16
MW - 2	02/16/07	3,501.45	-	11.11	0.00	3,490.34
MW - 2	03/20/07	3,501.45	-	11.04	0.00	3,490.41
MW - 2	06/04/07	3,501.45	-	10.92	0.00	3,490.53
MW - 2	08/22/07	3,501.45	-	11.57	0.00	3,489.88
MW - 2	11/29/07	3,501.45	-	11.30	0.00	3,490.15
MW - 2	02/26/08	3,501.45	-	11.17	0.00	3,490.28
MW - 2	05/22/08	3,501.45	-	11.18	0.00	3,490.27
MW - 2	08/28/08	3,501.45	-	12.93	0.00	3,488.52
MW - 2	11/20/08	3,501.45	-	11.46	0.00	3,489.99
MW - 2	02/16/09	3,501.45	-	11.31	0.00	3,490.14
MW - 2	05/29/09	3,501.45	-	19.72	0.00	3,481.73
MW - 2	06/11/09	3,501.45	-	19.83	0.00	3,481.62
MW - 2	06/18/09	3,501.45	-	19.89	0.00	3,481.56
MW - 2	06/25/09	3,501.45	-	19.49	0.00	3,481.96
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

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	10/27/09	3,501.45	-	20.62	0.00	3,480.83
MW - 2	11/13/09	3,501.45	-	20.50	0.00	3,480.95
MW - 2	12/16/09	3,501.45	-	20.46	0.00	3,480.99
MW - 2	12/21/09	3,501.45	-	20.68	0.00	3,480.77
MW - 2	01/05/10	3,501.45	-	20.56	0.00	3,480.89
MW - 2	01/22/10	3,501.45	-	20.34	0.00	3,481.11
MW - 2	02/04/10	3,501.45	-	19.39	0.00	3,482.06
MW - 2	03/01/10	3,501.45	-	20.34	0.00	3,481.11
MW - 2	03/10/10	3,501.45	-	20.36	0.00	3,481.09
MW - 2	03/12/10	3,501.45	-	20.33	0.00	3,481.12
MW - 2	03/15/10	3,501.45	-	20.36	0.00	3,481.09
MW - 2	03/17/10	3,501.45	sheen	20.15	0.00	3,481.30
MW - 2	03/22/10	3,501.45	-	20.35	0.00	3,481.10
MW - 2	03/31/10	3,501.45	-	20.34	0.00	3,481.11
MW - 2	04/05/10	3,501.45	-	20.36	0.00	3,481.09
MW - 2	04/14/10	3,501.45	-	20.36	0.00	3,481.09
MW - 2	04/16/10	3,501.45	-	20.38	0.00	3,481.07
MW - 2	04/19/10	3,501.45	-	20.10	0.00	3,481.35
MW - 2	04/26/10	3,501.45	-	20.12	0.00	3,481.33
MW - 2	05/06/10	3,501.45	-	20.00	0.00	3,481.45
MW - 2	05/14/10	3,501.45	-	20.55	0.00	3,480.90
MW - 2	05/21/10	3,501.45	-	20.38	0.00	3,481.07
MW - 2	05/24/10	3,501.45	-	20.36	0.00	3,481.09
MW - 2	06/08/10	3,501.45	-	20.03	0.00	3,481.42
MW - 2	06/16/10	3,501.45	-	20.15	0.00	3,481.30
MW - 2	06/29/10	3,501.45	sheen	20.24	0.00	3,481.21
MW - 2	07/08/10	3,501.45	sheen	19.83	0.00	3,481.62
MW - 2	07/13/10	3,501.45	sheen	19.67	0.00	3,481.78
MW - 2	07/22/10	3,501.45	sheen	19.58	0.00	3,481.87
MW - 2	07/30/10	3,501.45	sheen	19.49	0.00	3,481.96
MW - 2	08/04/10	3,501.45	sheen	19.47	0.00	3,481.98
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

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	10/19/10	3,501.45	-	19.57	0.00	3,481.88
MW - 2	10/26/10	3,501.45	-	19.54	0.00	3,481.91
MW - 2	11/04/10	3,501.45	-	19.42	0.00	3,482.03
MW - 2	11/05/10	3,501.45	sheen	19.75	0.00	3,481.70
MW - 2	11/12/10	3,501.45	sheen	19.92	0.00	3,481.53
MW - 2	11/19/10	3,501.45	sheen	19.88	0.00	3,481.57
MW - 2	12/10/10	3,501.45	sheen	31.94	0.00	3,469.51
MW - 2	12/13/10	3,501.45	-	33.82	0.00	3,467.63
MW - 2	01/20/11	3,501.45	sheen	19.49	0.00	3,481.96
MW - 2	02/09/11	3,501.45	-	19.42	0.00	3,482.03
MW - 2	05/03/11	3,501.45	-	19.42	0.00	3,482.03
MW - 2	05/19/11	3,501.45	-	19.90	0.00	3,481.55
MW - 2	05/25/11	3,501.45	-	19.96	0.00	3,481.49
MW - 2	06/06/11	3,501.45	-	20.04	0.00	3,481.41
MW - 2	06/13/11	3,501.45	-	19.98	0.00	3,481.47
MW - 2	06/27/11	3,501.45	-	20.01	0.00	3,481.44
MW - 2	07/07/11	3,501.45	-	20.26	0.00	3,481.19
MW - 2	07/14/11	3,501.45	-	20.32	0.00	3,481.13
MW - 2	07/25/11	3,501.45	-	20.20	0.00	3,481.25
MW - 2	08/02/11	3,501.45	-	19.42	0.00	3,482.03
MW - 2	08/03/11	3,501.45	-	20.43	0.00	3,481.02
MW - 2	08/18/11	3,501.45	-	20.62	0.00	3,480.83
MW - 2	08/24/11	3,501.45	-	20.68	0.00	3,480.77
MW - 2	08/29/11	3,501.45	-	20.48	0.00	3,480.97
MW - 2	09/07/11	3,501.45	-	20.64	0.00	3,480.81
MW - 2	09/14/11	3,501.45	-	20.65	0.00	3,480.80
MW - 2	10/26/11	3,501.45	-	20.64	0.00	3,480.81
MW - 2	11/21/11	3,501.45	-	20.55	0.00	3,480.90
MW - 2	11/28/11	3,501.45	-	20.57	0.00	3,480.88
MW - 2	12/12/11	3,501.45	-	20.56	0.00	3,480.89
MW - 2	01/10/12	3,501.45	-	20.51	0.00	3,480.94
MW - 2	01/17/12	3,501.45	-	19.49	0.00	3,481.96
MW - 2	01/25/12	3,501.45	-	20.49	0.00	3,480.96
MW - 2	02/01/12	3,501.45	-	20.43	0.00	3,481.02
MW - 2	02/13/12	3,501.45	-	20.36	0.00	3,481.09
MW - 2	03/07/12	3,501.45	-	20.28	0.00	3,481.17
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

TABLE 4

Historical Ground Water Elevation Data

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

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

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	06/28/13	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
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

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	05/29/14	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
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW-2	03/30/15	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
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

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	01/05/16	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
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

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	10/14/16	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
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

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	12/13/17	3,509.87	-	19.26	0.00	3,490.61
MW-2	12/21/17	3,509.87	-	19.30	0.00	3,490.57
MW-2	01/05/18	3,509.87	-	19.30	0.00	3,490.57
MW-2	01/09/18	3,509.87	-	19.27	0.00	3,490.60
MW-2	01/17/18	3,509.87	-	19.33	0.00	3,490.54
MW-2	01/24/18	3,509.87	-	19.33	0.00	3,490.54
MW-2	02/08/18	3,509.87	-	19.28	0.00	3,490.59
MW-2	02/15/18	3,509.87	-	19.28	0.00	3,490.59
MW-2	02/23/18	3,509.87	-	19.26	0.00	3,490.61
MW-2	03/02/18	3,509.87	-	19.22	0.00	3,490.65
MW-2	03/07/18	3,509.87	-	19.22	0.00	3,490.65
MW-2	03/15/18	3,509.87	-	19.21	0.00	3,490.66
MW-2	03/28/18	3,509.87	-	19.22	0.00	3,490.65
MW-2	04/04/18	3,509.87	-	19.25	0.00	3,490.62
MW-2	04/12/18	3,509.87	-	19.16	0.00	3,490.71
MW-2	04/18/18	3,509.87	-	19.19	0.00	3,490.68
MW-2	04/26/18	3,509.87	-	19.19	0.00	3,490.68
MW-2	05/03/18	3,509.87	-	19.23	0.00	3,490.64
MW-2	05/10/18	3,509.87	-	19.20	0.00	3,490.67
MW-2	05/25/18	3,509.87	-	19.39	0.00	3,490.48
MW-2	05/31/18	3,509.87	-	19.48	0.00	3,490.39
MW-2	06/06/18	3,509.87	-	19.51	0.00	3,490.36
MW-2	06/13/18	3,509.87	-	19.59	0.00	3,490.28
MW-2	06/22/18	3,509.87	-	19.63	0.00	3,490.24
MW-2	07/05/18	3,509.87	-	19.77	0.00	3,490.10
MW-2	07/11/18	3,509.87	-	19.78	0.00	3,490.09
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

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	01/15/19	3,509.87	-	19.58	0.00	3,490.29
MW-2	01/22/19	3,509.87	-	19.63	0.00	3,490.24
MW-2	02/06/19	3,509.87	-	19.53	0.00	3,490.34
MW-2	02/13/19	3,509.87	-	19.51	0.00	3,490.36
MW-2	03/06/19	3,509.87	-	19.47	0.00	3,490.40
MW-2	03/27/19	3,509.87	-	19.43	0.00	3,490.44
MW-2	04/05/19	3,509.87	-	19.43	0.00	3,490.44
MW-2	04/11/19	3,509.87	-	19.41	0.00	3,490.46
MW-2	04/17/19	3,509.87	-	19.38	0.00	3,490.49
MW-2	05/03/19	3,509.87	-	19.35	0.00	3,490.52
MW-2	05/08/19	3,509.87	-	19.32	0.00	3,490.55
MW-2	05/17/19	3,509.87	-	19.33	0.00	3,490.54
MW-2	06/12/19	3,509.87	-	19.53	0.00	3,490.34
MW-2	07/04/19	3,509.87	-	19.82	0.00	3,490.05
MW-2	07/12/19	3,509.87	-	19.86	0.00	3,490.01
MW-2	07/18/19	3,509.87	-	19.89	0.00	3,489.98
MW-2	08/08/19	3,509.87	-	20.00	0.00	3,489.87
MW-2	09/12/19	3,509.87	-	20.20	0.00	3,489.67
MW-2	10/08/19	3,509.87	-	19.99	0.00	3,489.88
MW-2	11/26/19	3,509.87	-	19.42	0.00	3,490.45
MW-2	12/09/19	3,509.87	-	19.72	0.00	3,490.15
MW-2	12/17/19	3,509.87	-	19.76	0.00	3,490.11
MW-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

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	09/02/21	3,509.87	-	20.49	0.00	3,489.38
MW-2	10/06/21	3,509.87	-	20.53	0.00	3,489.34
MW-2	10/15/21	3,509.87	-	20.57	0.00	3,489.30
MW-2	11/09/21	3,509.87	-	20.60	0.00	3,489.27
MW-2	01/07/22	3,509.87	-	20.62	0.00	3,489.25
MW-2	02/07/22	3,509.87	-	20.60	0.00	3,489.27
MW-2	03/11/22	3,509.87	-	20.61	0.00	3,489.26
MW-2	04/05/22	3,509.87	-	20.53	0.00	3,489.34
MW-2	06/16/22	3,509.87	-	20.78	0.00	3,489.09
MW-2	07/29/22	3,509.87	-	20.99	0.00	3,488.88
MW-2	12/22/22	3,509.87	-	20.99	0.00	3,488.88
MW-2	02/16/23	3,509.87	-	20.62	0.00	3,489.25
MW-2	06/01/23	3,509.87	-	20.35	0.00	3,489.52
MW-2	08/10/23	3,509.87	-	21.08	0.00	3,488.79
MW-2	11/08/23	3,509.87	-	20.85	0.00	3,489.02
MW - 3	02/11/03	3,495.97	17.10	17.77	0.67	3,478.77
MW - 3	02/27/03	3,495.97	16.64	19.15	2.51	3,478.95
MW - 3	03/19/03	3,495.97	16.63	19.50	2.87	3,478.91
MW - 3	04/03/03	3,495.97	16.65	19.47	2.82	3,478.90
MW - 3	04/11/03	3,495.97	16.65	19.48	2.83	3,478.90
MW - 3	04/21/03	3,495.97	16.62	18.98	2.36	3,479.00
MW - 3	04/30/03	3,495.97	6.98	8.67	1.69	3,488.74
MW - 3	05/05/03	3,495.97	6.93	8.63	1.70	3,488.79
MW - 3	06/18/03	3,495.97	7.24	8.15	0.91	3,488.59
MW - 3	07/09/03	3,495.97	7.49	8.18	0.69	3,488.38
MW - 3	07/21/03	3,495.97	7.49	8.19	0.70	3,488.38
MW - 3	08/12/03	3,495.97	7.50	8.20	0.70	3,488.37
MW - 3	08/18/03	3,495.97	7.47	8.19	0.72	3,488.39
MW - 3	09/03/03	3,495.97	7.96	8.52	0.56	3,487.93
MW - 3	09/19/03	3,495.97	7.97	8.51	0.54	3,487.92
MW - 3	10/02/03	3,495.97	7.95	8.50	0.55	3,487.94
MW - 3	11/03/03	3,495.97	8.15	8.65	0.50	3,487.75
MW - 3	11/13/03	3,495.97	8.14	8.51	0.37	3,487.77
MW - 3	11/25/03	3,495.97	8.15	8.50	0.35	3,487.77
MW - 3	12/02/03	3,495.97	8.15	8.20	0.05	3,487.81
MW - 3	12/10/03	3,495.97	8.13	8.16	0.03	3,487.84
MW - 3	01/02/04	3,495.97	8.05	8.08	0.03	3,487.92
MW - 3	01/30/04	3,495.97	8.22	8.24	0.02	3,487.75
MW - 3	02/06/04	3,495.97	8.23	8.24	0.01	3,487.74

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	05/05/04	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
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

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	02/26/08	3,495.97	-	8.34	0.00	3,487.63
MW - 3	04/25/08	3,495.97	-	8.34	0.00	3,487.63
MW - 3	05/22/08	3,495.97	-	-	-	-
MW - 3	08/19/08	3,495.97	-	8.44	0.00	3,487.53
MW - 3	08/28/08	3,495.97	8.72	8.74	0.02	3,487.25
MW - 3	09/12/08	3,495.97	-	8.38	0.00	3,487.59
MW - 3	09/25/08	3,495.97	-	8.54	0.00	3,487.43
MW - 3	09/30/08	3,495.97	-	8.60	0.00	3,487.37
MW - 3	10/09/08	3,495.97	-	8.55	0.00	3,487.42
MW - 3	10/23/08	3,495.97	-	8.37	0.00	3,487.60
MW - 3	10/28/08	3,495.97	-	8.40	0.00	3,487.57
MW - 3	11/20/08	3,495.97	-	8.50	0.00	3,487.47
MW - 3	12/03/08	3,495.97	-	8.73	0.00	3,487.24
MW - 3	12/16/08	3,495.97	-	8.31	0.00	3,487.66
MW - 3	12/19/08	3,495.97	-	8.31	0.00	3,487.66
MW - 3	12/29/08	3,495.97	-	0.00	0.00	3,495.97
MW - 3	01/07/09	3,495.97	-	8.30	0.00	3,487.67
MW - 3	02/16/09	3,495.97	-	8.29	0.00	3,487.68
MW - 3	05/29/09	3,495.97	-	20.26	0.00	3,475.71
MW - 3	06/11/09	3,495.97	-	20.35	0.00	3,475.62
MW - 3	06/18/09	3,495.97	-	20.42	0.00	3,475.55
MW - 3	06/25/09	3,495.97	-	20.66	0.00	3,475.31
MW - 3	07/02/09	3,495.97	-	20.80	0.00	3,475.17
MW - 3	07/09/09	3,495.97	-	20.37	0.00	3,475.60
MW - 3	07/13/09	3,495.97	-	20.39	0.00	3,475.58
MW - 3	07/24/09	3,495.97	-	20.88	0.00	3,475.09
MW - 3	07/29/09	3,495.97	-	20.78	0.00	3,475.19
MW - 3	07/31/09	3,495.97	-	20.81	0.00	3,475.16
MW - 3	08/06/09	3,495.97	-	20.80	0.00	3,475.17
MW - 3	08/13/09	3,495.97	-	20.85	0.00	3,475.12
MW - 3	08/21/09	3,495.97	-	21.00	0.00	3,474.97
MW - 3	09/18/09	3,495.97	-	20.97	0.00	3,475.00
MW - 3	09/29/09	3,495.97	-	20.39	0.00	3,475.58
MW - 3	10/06/09	3,495.97	-	20.38	0.00	3,475.59
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

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

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	11/12/10	3,495.97	sheen	20.57	0.00	3,475.40
MW - 3	11/19/10	3,495.97	sheen	20.44	0.00	3,475.53
MW - 3	12/10/10	3,495.97	sheen	30.26	0.00	3,465.71
MW - 3	12/13/10	3,495.97	-	30.51	0.00	3,465.46
MW - 3	01/20/11	3,495.97	sheen	20.06	0.00	3,475.91
MW - 3	02/09/11	3,495.97	-	20.00	0.00	3,475.97
MW - 3	05/03/11	3,495.97	-	20.00	0.00	3,475.97
MW - 3	05/19/11	3,495.97	-	20.43	0.00	3,475.54
MW - 3	05/25/11	3,495.97	-	20.40	0.00	3,475.57
MW - 3	06/06/11	3,495.97	-	20.53	0.00	3,475.44
MW - 3	06/13/11	3,495.97	-	20.47	0.00	3,475.50
MW - 3	06/27/11	3,495.97	-	20.49	0.00	3,475.48
MW - 3	07/07/11	3,495.97	-	20.59	0.00	3,475.38
MW - 3	07/14/11	3,495.97	-	20.57	0.00	3,475.40
MW - 3	07/25/11	3,495.97	-	20.53	0.00	3,475.44
MW - 3	08/02/11	3,495.97	-	20.00	0.00	3,475.97
MW - 3	08/03/11	3,495.97	-	20.94	0.00	3,475.03
MW - 3	08/18/11	3,495.97	-	20.25	0.00	3,475.72
MW - 3	08/24/11	3,495.97	-	20.31	0.00	3,475.66
MW - 3	08/29/11	3,495.97	-	20.05	0.00	3,475.92
MW - 3	09/07/11	3,495.97	-	21.12	0.00	3,474.85
MW - 3	09/14/11	3,495.97	-	21.12	0.00	3,474.85
MW - 3	10/26/11	3,495.97	-	21.25	0.00	3,474.72
MW - 3	11/21/11	3,495.97	-	21.05	0.00	3,474.92
MW - 3	11/28/11	3,495.97	-	21.12	0.00	3,474.85
MW - 3	12/12/11	3,495.97	-	21.13	0.00	3,474.84
MW - 3	01/10/12	3,495.97	-	21.01	0.00	3,474.96
MW - 3	01/17/12	3,495.97	-	21.23	0.00	3,474.74
MW - 3	01/25/12	3,495.97	-	21.09	0.00	3,474.88
MW - 3	02/01/12	3,495.97	-	21.06	0.00	3,474.91
MW - 3	02/13/12	3,495.97	-	20.94	0.00	3,475.03
MW - 3	03/07/12	3,495.97	-	20.90	0.00	3,475.07
MW - 3	03/19/12	3,495.97	-	20.84	0.00	3,475.13
MW - 3	03/28/12	3,495.97	-	20.62	0.00	3,475.35
MW - 3	04/04/12	3,495.97	-	20.72	0.00	3,475.25
MW - 3	04/11/12	3,495.97	-	20.66	0.00	3,475.31
MW - 3	04/18/12	3,495.97	-	20.73	0.00	3,475.24
MW - 3	04/25/12	3,495.97	-	20.64	0.00	3,475.33
MW - 3	05/03/12	3,495.97	-	20.69	0.00	3,475.28
MW - 3	05/09/12	3,495.97	-	20.75	0.00	3,475.22

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	05/16/12	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
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	07/30/13	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
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

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	06/24/14	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
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	04/27/15	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
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

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	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
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

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	12/13/16	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
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

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

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	03/14/19	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
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	07/16/21	3,510.51	-	20.80	0.00	3,489.71
MW - 3	08/18/21	3,510.51	-	20.93	0.00	3,489.58
MW - 3	09/02/21	3,510.51	-	20.98	0.00	3,489.53
MW - 3	10/06/21	3,510.51		21.00	0.00	3,489.51
MW - 3	10/15/21	3,510.51		21.05	0.00	3,489.46
MW - 3	11/10/21	3,510.51		21.08	0.00	3,489.43
MW - 3	11/19/21	3,510.51		21.08	0.00	3,489.43
MW - 3	12/28/21	3,510.51		21.08	0.00	3,489.43
MW - 3	01/07/22	3,510.51	-	21.07	0.00	3,489.44
MW - 3	02/07/22	3,510.51	-	21.04	0.00	3,489.47
MW - 3	03/11/22	3,510.51	-	21.02	0.00	3,489.49
MW - 3	04/05/22	3,510.51	-	20.96	0.00	3,489.55
MW - 3	04/21/22	3,510.51	-	20.98	0.00	3,489.53
MW - 3	06/17/22	3,510.51	-	21.18	0.00	3,489.33
MW - 3	06/24/22	3,510.51	-	21.27	0.00	3,489.24
MW - 3	07/22/22	3,510.51	-	21.41	0.00	3,489.10
MW - 3	07/29/22	3,510.51	-	21.45	0.00	3,489.06
MW - 3	08/26/22	3,510.51	-	21.62	0.00	3,488.89
MW - 3	09/28/22	3,510.51	-	21.44	0.00	3,489.07
MW - 3	10/13/22	3,510.51	-	21.52	0.00	3,488.99
MW - 3	12/22/22	3,510.51	-	21.18	0.00	3,489.33
MW - 3	01/13/23	3,510.51	-	21.09	0.00	3,489.42
MW - 3	02/16/23	3,510.51	-	21.03	0.00	3,489.48
MW - 3	03/24/23	3,510.51	-	20.95	0.00	3,489.56
MW - 3	04/26/23	3,510.51	-	20.84	0.00	3,489.67
MW - 3	06/01/23	3,510.51	-	20.79	0.00	3,489.72
MW - 3	07/27/23	3,510.51	-	21.29	0.00	3,489.22
MW - 3	08/10/23	3,510.51	-	21.57	0.00	3,488.94
MW - 3	11/08/23	3,510.51	-	21.29	0.00	3,489.22
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 4	11/16/04	3,509.01	-	18.83	0.00	3,490.18
MW - 4	12/07/04	3,509.01	-	18.70	0.00	3,490.31
MW - 4	12/17/04	3,509.01	-	18.71	0.00	3,490.30
MW - 4	01/07/05	3,509.01	-	18.48	0.00	3,490.53
MW - 4	02/21/05	3,509.01	-	18.27	0.00	3,490.74
MW - 4	03/29/05	3,509.01	-	18.02	0.00	3,490.99
MW - 4	04/22/05	3,509.01	-	18.07	0.00	3,490.94
MW - 4	05/06/05	3,509.01	-	17.94	0.00	3,491.07
MW - 4	05/11/05	3,509.01	-	17.96	0.00	3,491.05
MW - 4	07/19/05	3,509.01	-	18.13	0.00	3,490.88
MW - 4	08/16/05	3,509.01	-	18.21	0.00	3,490.80
MW - 4	10/05/05	3,509.01	-	18.14	0.00	3,490.87
MW - 4	11/15/05	3,509.01	-	17.91	0.00	3,491.10
MW - 4	02/15/06	3,509.01	-	17.76	0.00	3,491.25
MW - 4	03/13/06	3,509.01	-	17.80	0.00	3,491.21
MW - 4	03/22/06	3,509.01	NOT SAMPLED			
MW - 4	05/23/06	3,509.01	-	17.84	0.00	3,491.17
MW - 4	07/20/06	3,509.01	-	18.26	0.00	3,490.75
MW - 4	08/09/06	3,509.01	NOT SAMPLED			
MW - 4	10/18/06	3,509.01	-	17.64	0.00	3,491.37
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

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	02/09/11	3,509.01	-	19.02	0.00	3,489.99
MW - 4	05/03/11	3,509.01	-	19.04	0.00	3,489.97
MW - 4	08/02/11	3,509.01	-	19.02	0.00	3,489.99
MW - 4	11/21/11	3,509.01	-	20.10	0.00	3,488.91
MW - 4	02/13/12	3,509.01	-	19.87	0.00	3,489.14
MW - 4	05/24/12	3,509.01	-	19.68	0.00	3,489.33
MW - 4	08/07/12	3,509.01	-	20.12	0.00	3,488.89
MW - 4	11/14/12	3,509.01	-	20.13	0.00	3,488.88
MW - 4	02/14/13	3,509.01	-	19.94	0.00	3,489.07
MW - 4	05/09/13	3,509.01	-	19.78	0.00	3,489.23
MW - 4	08/08/13	3,509.01	-	20.15	0.00	3,488.86
MW - 4	11/21/13	3,509.01	-	20.22	0.00	3,488.79
MW - 4	02/24/14	**3,510.09**	-	19.99	0.00	3,490.10
MW - 4	05/07/14	3,510.09	-	19.85	0.00	3,490.24
MW - 4	07/22/14	3,510.09	-	20.57	0.00	3,489.52
MW - 4	08/16/14	3,510.09	-	20.67	0.00	3,489.42
MW - 4	10/27/14	3,510.09	-	19.53	0.00	3,490.56
MW - 4	11/11/14	3,510.09	-	19.53	0.00	3,490.56
MW - 4	02/12/15	3,510.09	-	19.45	0.00	3,490.64
MW - 4	03/09/15	3,510.09	-	19.42	0.00	3,490.67
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

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	08/24/16	100.00	-	19.94	0.00	80.06
MW - 4A	08/25/16	100.00	-	19.94	0.00	80.06
MW - 4A	08/31/16	100.00	-	19.75	0.00	80.25
MW - 4A	09/07/16	100.00	-	19.35	0.00	80.65
MW - 4A	09/13/16	100.00	-	19.20	0.00	80.80
MW - 4A	10/14/16	100.00	-	18.78	0.00	81.22
MW - 4A	10/26/16	100.00	-	18.77	0.00	81.23
MW - 4A	11/03/16	100.00	-	18.79	0.00	81.21
MW - 4A	11/07/16	100.00	-	18.77	0.00	81.23
MW - 4A	12/07/16	100.00	-	18.78	0.00	81.22
MW - 4A	12/13/16	100.00	-	18.77	0.00	81.23
MW - 4A	12/20/16	100.00	-	18.78	0.00	81.22
MW - 4A	01/04/17	100.00	-	18.76	0.00	81.24
MW - 4A	01/18/17	100.00	-	18.75	0.00	81.25
MW - 4A	01/27/17	100.00	-	18.80	0.00	81.20
MW - 4A	02/01/17	100.00	-	18.77	0.00	81.23
MW - 4A	02/08/17	100.00	-	18.76	0.00	81.24
MW - 4A	03/09/17	100.00	-	18.73	0.00	81.27
MW - 4A	03/14/17	100.00	-	18.71	0.00	81.29
MW - 4A	03/22/17	100.00	-	18.70	0.00	81.30
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

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	10/18/17	100.00	-	18.97	0.00	81.03
MW - 4A	10/26/17	100.00	-	18.92	0.00	81.08
MW - 4A	11/02/17	100.00	-	18.94	0.00	81.06
MW - 4A	11/09/17	100.00	-	18.90	0.00	81.10
MW - 4A	12/08/17	100.00	-	18.86	0.00	81.14
MW - 4A	12/13/17	100.00	-	18.48	0.00	81.52
MW - 4A	12/21/17	100.00	-	18.83	0.00	81.17
MW - 4A	01/05/18	100.00	-	18.82	0.00	81.18
MW - 4A	01/09/18	100.00	-	18.82	0.00	81.18
MW - 4A	01/17/18	100.00	-	18.82	0.00	81.18
MW - 4A	01/24/18	100.00	-	18.82	0.00	81.18
MW - 4A	02/08/18	100.00	-	18.72	0.00	81.28
MW - 4A	02/15/18	100.00	-	18.64	0.00	81.36
MW - 4A	02/23/18	100.00	-	18.76	0.00	81.24
MW - 4A	03/02/18	100.00	-	18.73	0.00	81.27
MW - 4A	03/07/18	100.00	-	18.75	0.00	81.25
MW - 4A	03/15/18	100.00	-	18.72	0.00	81.28
MW - 4A	03/28/18	100.00	-	18.74	0.00	81.26
MW - 4A	04/04/18	100.00	-	18.71	0.00	81.29
MW - 4A	04/12/18	100.00	-	18.67	0.00	81.33
MW - 4A	04/18/18	100.00	-	18.69	0.00	81.31
MW - 4A	04/26/18	100.00	-	18.68	0.00	81.32
MW - 4A	05/03/18	100.00	-	18.69	0.00	81.31
MW - 4A	05/10/18	100.00	-	18.72	0.00	81.28
MW - 4A	05/25/18	100.00	-	18.93	0.00	81.07
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

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	11/19/18	100.00	-	19.26	0.00	80.74
MW - 4A	11/26/18	100.00	-	19.24	0.00	80.76
MW - 4A	12/07/18	100.00	-	19.21	0.00	80.79
MW - 4A	12/13/18	100.00	-	19.22	0.00	80.78
MW - 4A	12/19/18	100.00	-	19.17	0.00	80.83
MW - 4A	01/02/19	100.00	-	19.13	0.00	80.87
MW - 4A	01/05/19	100.00	-	19.15	0.00	80.85
MW - 4A	01/08/19	100.00	-	19.15	0.00	80.85
MW - 4A	01/15/19	100.00	-	19.10	0.00	80.90
MW - 4A	01/22/19	100.00	-	19.12	0.00	80.88
MW - 4A	02/06/19	100.00	-	19.05	0.00	80.95
MW - 4A	02/13/19	100.00	-	19.04	0.00	80.96
MW - 4A	02/18/19	100.00	-	19.03	0.00	80.97
MW - 4A	03/06/19	100.00	-	18.99	0.00	81.01
MW - 4A	03/27/19	100.00	-	18.94	0.00	81.06
MW - 4A	04/05/19	100.00	-	18.93	0.00	81.07
MW - 4A	04/11/19	100.00	-	18.90	0.00	81.10
MW - 4A	04/17/19	100.00	-	18.87	0.00	81.13
MW - 4A	04/24/19	100.00	-	18.85	0.00	81.15
MW - 4A	05/03/19	100.00	-	18.85	0.00	81.15
MW - 4A	05/08/19	100.00	-	18.83	0.00	81.17
MW - 4A	05/17/19	100.00	-	18.84	0.00	81.16
MW - 4A	06/12/19	100.00	-	19.08	0.00	80.92
MW - 4A	07/04/19	100.00	-	19.39	0.00	80.61
MW - 4A	07/12/19	100.00	-	19.44	0.00	80.56
MW - 4A	07/18/19	100.00	-	19.46	0.00	80.54
MW - 4A	08/08/19	100.00	-	19.61	0.00	80.39
MW - 4A	09/12/19	100.00	-	19.83	0.00	80.17
MW - 4A	10/08/19	100.00	-	19.66	0.00	80.34
MW - 4A	11/26/19	100.00	-	19.38	0.00	80.62
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

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	09/15/20	100.00	-	19.98	0.00	80.02
MW - 4A	10/15/20	100.00	-	20.09	0.00	79.91
MW - 4A	10/29/20	100.00	-	20.11	0.00	79.89
MW - 4A	11/17/20	100.00	-	20.10	0.00	79.90
MW - 4A	12/23/20	100.00	-	20.02	0.00	79.98
MW - 4A	01/14/21	100.00	-	20.00	0.00	80.00
MW - 4A	01/27/21	100.00	-	19.95	0.00	80.05
MW - 4A	02/25/21	100.00	-	19.88	0.00	80.12
MW - 4A	03/18/21	100.00	-	19.82	0.00	80.18
MW - 4A	04/12/21	100.00	-	19.78	0.00	80.22
MW - 4A	04/27/21	100.00	-	19.75	0.00	80.25
MW - 4A	06/02/21	100.00	-	19.69	0.00	80.31
MW - 4A	07/06/21	100.00	-	20.21	0.00	79.79
MW - 4A	09/02/21	100.00	-	20.14	0.00	79.86
MW - 4A	10/15/21	100.00	-	20.20	0.00	79.80
MW - 4A	11/09/21	100.00	-	20.22	0.00	79.78
MW - 4A	01/07/22	100.00	-	20.14	0.00	79.86
MW - 4A	02/07/22	100.00	-	20.10	0.00	79.90
MW - 4A	03/11/22	100.00	-	20.08	0.00	79.92
MW - 4A	04/05/22	100.00	-	20.02	0.00	79.98
MW - 4A	06/16/22	100.00	-	20.36	0.00	79.64
MW - 4A	07/29/22	100.00	-	20.69	0.00	79.31
MW - 4A	12/22/22	100.00	-	20.26	0.00	79.74
MW - 4A	02/16/23	100.00	-	20.08	0.00	79.92
MW - 4A	03/24/23	100.00	-	19.96	0.00	80.04
MW - 4A	04/26/23	100.00	-	19.88	0.00	80.12
MW - 4A	06/01/23	100.00	-	19.87	0.00	80.13
MW - 4A	08/10/23	100.00	-	20.72	0.00	79.28
MW - 4A	11/08/23	100.00	-	20.43	0.00	79.57
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

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	11/16/04	3,508.74	-	19.41	0.00	3,489.33
MW - 5	12/07/04	3,508.74	-	19.45	0.00	3,489.29
MW - 5	12/17/04	3,508.74	-	19.44	0.00	3,489.30
MW - 5	01/07/05	3,508.74	-	19.30	0.00	3,489.44
MW - 5	02/21/05	3,508.74	-	19.11	0.00	3,489.63
MW - 5	03/29/05	3,508.74	-	18.86	0.00	3,489.88
MW - 5	04/22/05	3,508.74	-	18.91	0.00	3,489.83
MW - 5	05/06/05	3,508.74	-	18.89	0.00	3,489.85
MW - 5	05/11/05	3,508.74	-	18.80	0.00	3,489.94
MW - 5	07/19/05	3,508.74	-	19.92	0.00	3,488.82
MW - 5	08/16/05	3,508.74	-	18.81	0.00	3,489.93
MW - 5	10/05/05	3,508.74	-	18.90	0.00	3,489.84
MW - 5	11/15/05	3,508.74	-	18.75	0.00	3,489.99
MW - 5	02/15/06	3,508.74	-	18.62	0.00	3,490.12
MW - 5	03/13/06	3,508.74	-	18.62	0.00	3,490.12
MW - 5	03/22/06	3,508.74	NOT SAMPLED			
MW - 5	05/23/06	3,508.74	-	18.71	0.00	3,490.03
MW - 5	07/20/06	3,508.74	-	19.05	0.00	3,489.69
MW - 5	08/09/06	3,508.74	-	18.92	0.00	3,489.82
MW - 5	10/18/06	3,508.74	-	18.45	0.00	3,490.29
MW - 5	11/27/06	3,508.74	-	18.45	0.00	3,490.29
MW - 5	12/11/06	3,508.74	-	18.46	0.00	3,490.28
MW - 5	01/04/07	3,508.74	-	18.46	0.00	3,490.28
MW - 5	02/16/07	3,508.74	-	18.24	0.00	3,490.50
MW - 5	03/20/07	3,508.74	-	18.24	0.00	3,490.50
MW - 5	06/04/07	3,508.74	-	18.10	0.00	3,490.64
MW - 5	08/22/07	3,508.74	-	18.81	0.00	3,489.93
MW - 5	11/29/07	3,508.74	-	18.49	0.00	3,490.25
MW - 5	02/26/08	3,508.74	-	18.39	0.00	3,490.35
MW - 5	05/22/08	3,508.74	-	18.40	0.00	3,490.34
MW - 5	08/28/08	3,508.74	-	19.03	0.00	3,489.71
MW - 5	11/20/08	3,508.74	-	18.64	0.00	3,490.10
MW - 5	02/16/09	3,508.74	-	18.49	0.00	3,490.25
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

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	08/05/10	3,508.74	-	18.91	0.00	3,489.83
MW - 5	11/04/10	3,508.74	-	18.92	0.00	3,489.82
MW - 5	02/09/11	3,508.74	-	18.90	0.00	3,489.84
MW - 5	05/03/11	3,508.74	-	18.89	0.00	3,489.85
MW - 5	05/19/11	3,508.74	-	19.64	0.00	3,489.10
MW - 5	05/25/11	3,508.74	-	19.62	0.00	3,489.12
MW - 5	06/06/11	3,508.74	-	19.45	0.00	3,489.29
MW - 5	06/13/11	3,508.74	-	19.60	0.00	3,489.14
MW - 5	06/27/11	3,508.74	-	19.58	0.00	3,489.16
MW - 5	07/07/11	3,508.74	-	19.60	0.00	3,489.14
MW - 5	07/14/11	3,508.74	-	19.63	0.00	3,489.11
MW - 5	07/25/11	3,508.74	-	19.67	0.00	3,489.07
MW - 5	08/02/11	3,508.74	-	18.86	0.00	3,489.88
MW - 5	08/03/11	3,508.74	-	19.81	0.00	3,488.93
MW - 5	08/18/11	3,508.74	-	19.99	0.00	3,488.75
MW - 5	08/24/11	3,508.74	-	20.10	0.00	3,488.64
MW - 5	08/29/11	3,508.74	-	19.92	0.00	3,488.82
MW - 5	09/07/11	3,508.74	-	20.06	0.00	3,488.68
MW - 5	09/14/11	3,508.74	-	20.19	0.00	3,488.55
MW - 5	10/26/11	3,508.74	-	20.03	0.00	3,488.71
MW - 5	11/21/11	3,508.74	-	19.95	0.00	3,488.79
MW - 5	11/28/11	3,508.74	-	19.93	0.00	3,488.81
MW - 5	12/12/11	3,508.74	-	19.96	0.00	3,488.78
MW - 5	01/10/12	3,508.74	-	19.84	0.00	3,488.90
MW - 5	01/17/12	3,508.74	-	19.84	0.00	3,488.90
MW - 5	01/25/12	3,508.74	-	19.80	0.00	3,488.94
MW - 5	02/01/12	3,508.74	-	19.07	0.00	3,489.67
MW - 5	02/13/12	3,508.74	-	19.75	0.00	3,488.99
MW - 5	03/07/12	3,508.74	-	19.63	0.00	3,489.11
MW - 5	03/19/12	3,508.74	-	19.60	0.00	3,489.14
MW - 5	03/28/12	3,508.74	-	19.56	0.00	3,489.18
MW - 5	04/04/12	3,508.74	-	19.54	0.00	3,489.20
MW - 5	04/11/12	3,508.74	-	19.52	0.00	3,489.22
MW - 5	04/18/12	3,508.74	-	19.51	0.00	3,489.23
MW - 5	04/25/12	3,508.74	-	19.52	0.00	3,489.22
MW - 5	05/03/12	3,508.74	-	19.58	0.00	3,489.16
MW - 5	05/09/12	3,508.74	-	19.62	0.00	3,489.12
MW - 5	05/16/12	3,508.74	-	19.61	0.00	3,489.13
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

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	06/06/12	3,508.74	-	19.54	0.00	3,489.20
MW - 5	06/14/12	3,508.74	-	19.63	0.00	3,489.11
MW - 5	06/20/12	3,508.74	-	19.63	0.00	3,489.11
MW - 5	06/26/12	3,508.74	-	19.67	0.00	3,489.07
MW - 5	07/11/12	3,508.74	-	19.86	0.00	3,488.88
MW - 5	07/18/12	3,508.74	-	19.93	0.00	3,488.81
MW - 5	08/02/12	3,508.74	-	20.07	0.00	3,488.67
MW - 5	08/07/12	3,508.74	-	20.00	0.00	3,488.74
MW - 5	08/17/12	3,508.74	-	20.15	0.00	3,488.59
MW - 5	09/06/12	3,508.74	-	20.21	0.00	3,488.53
MW - 5	09/11/12	3,508.74	-	20.24	0.00	3,488.50
MW - 5	09/25/12	3,508.74	-	20.31	0.00	3,488.43
MW - 5	10/02/12	3,508.74	-	20.29	0.00	3,488.45
MW - 5	10/09/12	3,508.74	-	20.23	0.00	3,488.51
MW - 5	10/17/12	3,508.74	-	20.15	0.00	3,488.59
MW - 5	10/24/12	3,508.74	-	20.12	0.00	3,488.62
MW - 5	11/01/12	3,508.74	-	20.07	0.00	3,488.67
MW - 5	11/14/12	3,508.74	-	20.00	0.00	3,488.74
MW - 5	02/14/13	3,508.74	-	19.82	0.00	3,488.92
MW - 5	03/19/13	3,508.74	-	19.75	0.00	3,488.99
MW - 5	04/04/13	3,508.74	-	19.71	0.00	3,489.03
MW - 5	04/09/13	3,508.74	-	19.71	0.00	3,489.03
MW - 5	04/17/13	3,508.74	-	19.70	0.00	3,489.04
MW - 5	04/23/13	3,508.74	-	19.70	0.00	3,489.04
MW - 5	04/30/13	3,508.74	-	19.68	0.00	3,489.06
MW - 5	04/30/13	3,508.74	-	19.66	0.00	3,489.08
MW - 5	05/08/13	3,508.74	-	19.65	0.00	3,489.09
MW - 5	05/09/13	3,508.74	-	19.67	0.00	3,489.07
MW - 5	05/14/13	3,508.74	-	19.66	0.00	3,489.08
MW - 5	05/22/13	3,508.74	-	19.64	0.00	3,489.10
MW - 5	05/29/13	3,508.74	-	19.66	0.00	3,489.08
MW - 5	06/05/13	3,508.74	-	19.72	0.00	3,489.02
MW - 5	06/11/13	3,508.74	-	19.75	0.00	3,488.99
MW - 5	06/19/13	3,508.74	-	19.79	0.00	3,488.95
MW - 5	06/28/13	3,508.74	-	19.93	0.00	3,488.81
MW - 5	07/01/13	3,508.74	-	19.96	0.00	3,488.78
MW - 5	07/11/13	3,508.74	-	20.07	0.00	3,488.67
MW - 5	07/23/13	3,508.74	-	20.08	0.00	3,488.66
MW - 5	07/30/13	3,508.74	-	20.03	0.00	3,488.71
MW - 5	08/08/13	3,508.74	-	20.01	0.00	3,488.73

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	08/14/13	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
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

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	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
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

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	05/11/15	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
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

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	02/08/16	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
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

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	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
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

TABLE 4

Historical Ground Water Elevation Data

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

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

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	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
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

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	12/23/20	100.00	-	19.71	0.00	80.29
MW - 5A	01/14/21	100.00	-	19.69	0.00	80.31
MW - 5A	01/27/21	100.00	-	19.62	0.00	80.38
MW - 5A	02/25/21	100.00	-	19.55	0.00	80.45
MW - 5A	03/18/21	100.00	-	19.54	0.00	80.46
MW - 5A	04/12/21	100.00	-	19.50	0.00	80.50
MW - 5A	04/27/21	100.00	-	19.46	0.00	80.54
MW - 5A	06/02/21	100.00	-	19.41	0.00	80.59
MW - 5A	07/06/21	100.00	-	19.68	0.00	80.32
MW - 5A	07/16/21	100.00	-	19.58	0.00	80.42
MW - 5A	08/18/21	100.00	-	19.66	0.00	80.34
MW - 5A	09/02/21	100.00	-	19.72	0.00	80.28
MW - 5A	09/21/21	100.00	-	19.74	0.00	80.26
MW - 5A	10/06/21	100.00	-	19.77	0.00	80.23
MW - 5A	10/15/21	100.00	-	19.81	0.00	80.19
MW - 5A	11/09/21	100.00	-	19.82	0.00	80.18
MW - 5A	11/19/21	100.00	-	19.83	0.00	80.17
MW - 5A	12/28/21	100.00	-	19.85	0.00	80.15
MW - 5A	01/07/22	100.00	-	19.82	0.00	80.18
MW - 5A	02/07/22	100.00	-	19.79	0.00	80.21
MW - 5A	03/11/22	100.00	-	19.79	0.00	80.21
MW - 5A	04/05/22	100.00	-	19.76	0.00	80.24
MW - 5A	04/21/22	100.00	-	19.72	0.00	80.28
MW - 5A	06/16/22	100.00	-	20.00	0.00	80.00
MW - 5A	06/24/22	100.00	-	20.07	0.00	79.93
MW - 5A	07/22/22	100.00	-	20.48	0.00	79.52
MW - 5A	07/29/22	100.00	-	20.25	0.00	79.75
MW - 5A	08/26/22	100.00	-	20.40	0.00	79.60
MW - 5A	09/28/22	100.00	-	20.20	0.00	79.80
MW - 5A	10/13/22	100.00	-	20.32	0.00	79.68
MW - 5A	12/22/22	100.00	-	19.90	0.00	80.10
MW - 5A	01/13/23	100.00	-	19.82	0.00	80.18
MW - 5A	02/16/23	100.00	-	19.75	0.00	80.25
MW - 5A	03/24/23	100.00	-	19.65	0.00	80.35
MW - 5A	04/26/23	100.00	-	19.61	0.00	80.39
MW - 5A	06/01/23	100.00	-	19.56	0.00	80.44
MW - 5A	07/27/23	100.00	-	20.03	0.00	79.97
MW - 5A	08/10/23	100.00	-	20.26	0.00	79.74
MW - 5A	11/08/23	100.00	-	20.10	0.00	79.90

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	05/25/04	3,509.76	-	21.76	0.00	3,488.00
MW - 6	06/03/04	3,509.76	-	21.63	0.00	3,488.13
MW - 6	06/15/04	3,509.76	-	21.65	0.00	3,488.11
MW - 6	07/08/04	3,509.76	-	21.55	0.00	3,488.21
MW - 6	07/26/04	3,509.76	-	21.67	0.00	3,488.09
MW - 6	09/10/04	3,509.76	-	22.06	0.00	3,487.70
MW - 6	09/21/04	3,509.76	-	22.25	0.00	3,487.51
MW - 6	10/04/04	3,509.76	-	21.39	0.00	3,488.37
MW - 6	10/15/04	3,509.76	-	21.25	0.00	3,488.51
MW - 6	11/09/04	3,509.76	-	21.46	0.00	3,488.30
MW - 6	11/16/04	3,509.76	-	21.27	0.00	3,488.49
MW - 6	12/07/04	3,509.76	-	21.23	0.00	3,488.53
MW - 6	12/17/04	3,509.76	-	21.29	0.00	3,488.47
MW - 6	01/07/05	3,509.76	-	21.07	0.00	3,488.69
MW - 6	02/21/05	3,509.76	-	20.91	0.00	3,488.85
MW - 6	03/29/05	3,509.76	-	20.68	0.00	3,489.08
MW - 6	04/22/05	3,509.76	-	20.74	0.00	3,489.02
MW - 6	05/06/05	3,509.76	-	20.59	0.00	3,489.17
MW - 6	05/11/05	3,509.76	-	20.60	0.00	3,489.16
MW - 6	07/19/05	3,509.76	-	20.60	0.00	3,489.16
MW - 6	08/16/05	3,509.76	-	20.62	0.00	3,489.14
MW - 6	10/05/05	3,509.76	-	20.65	0.00	3,489.11
MW - 6	11/15/05	3,509.76	-	20.50	0.00	3,489.26
MW - 6	02/15/06	3,509.76	-	20.35	0.00	3,489.41
MW - 6	03/13/06	3,509.76	-	20.36	0.00	3,489.40
MW - 6	03/22/06	3,509.76	NOT SAMPLED			
MW - 6	05/23/06	3,509.76	-	20.32	0.00	3,489.44
MW - 6	07/20/06	3,509.76	-	20.63	0.00	3,489.13
MW - 6	08/09/06	3,509.76	-	20.50	0.00	3,489.26
MW - 6	10/18/06	3,509.76	-	20.08	0.00	3,489.68
MW - 6	11/27/06	3,509.76	-	20.06	0.00	3,489.70
MW - 6	12/11/06	3,509.76	-	36.60	0.00	3,473.16
MW - 6	01/04/06	3,509.76	-	20.17	0.00	3,489.59
MW - 6	02/16/07	3,509.76	-	19.89	0.00	3,489.87
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

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	08/28/08	3,509.76	-	20.69	0.00	3,489.07
MW - 6	11/20/08	3,509.76	-	20.24	0.00	3,489.52
MW - 6	02/16/09	3,509.76	-	20.09	0.00	3,489.67
MW - 6	05/29/09	3,509.76	-	20.59	0.00	3,489.17
MW - 6	08/06/09	3,509.76	-	21.07	0.00	3,488.69
MW - 6	11/10/09	3,509.76	-	21.43	0.00	3,488.33
MW - 6	01/05/09	3,509.76	-	21.32	0.00	3,488.44
MW - 6	02/04/10	3,509.76	-	21.24	0.00	3,488.52
MW - 6	05/06/10	3,509.76	-	21.28	0.00	3,488.48
MW - 6	08/05/10	3,509.76	-	19.83	0.00	3,489.93
MW - 6	11/04/10	3,509.76	-	19.82	0.00	3,489.94
MW - 6	02/09/11	3,509.76	-	19.81	0.00	3,489.95
MW - 6	05/03/11	3,509.76	-	19.81	0.00	3,489.95
MW - 6	08/02/11	3,509.76	-	19.80	0.00	3,489.96
MW - 6	11/21/11	3,509.76	-	21.47	0.00	3,488.29
MW - 6	02/13/12	3,509.76	-	19.75	0.00	3,490.01
MW - 6	05/24/12	3,509.76	-	20.56	0.00	3,489.20
MW - 6	08/07/12	3,509.76	-	21.00	0.00	3,488.76
MW - 6	11/14/12	3,509.76	-	21.01	0.00	3,488.75
MW - 6	02/14/13	3,509.76	-	20.79	0.00	3,488.97
MW - 6	04/04/13	3,509.76	-	20.71	0.00	3,489.05
MW - 6	04/09/13	3,509.76	-	20.69	0.00	3,489.07
MW - 6	04/17/13	3,509.76	-	20.68	0.00	3,489.08
MW - 6	04/23/13	3,509.76	-	20.69	0.00	3,489.07
MW - 6	04/30/13	3,509.76	-	20.69	0.00	3,489.07
MW - 6	05/08/13	3,509.76	-	20.65	0.00	3,489.11
MW - 6	05/09/13	3,509.76	-	20.66	0.00	3,489.10
MW - 6	05/14/13	3,509.76	-	20.67	0.00	3,489.09
MW - 6	05/22/13	3,509.76	-	20.66	0.00	3,489.10
MW - 6	05/29/13	3,509.76	-	20.68	0.00	3,489.08
MW - 6	06/11/13	3,509.76	-	20.73	0.00	3,489.03
MW - 6	06/19/13	3,509.76	-	20.76	0.00	3,489.00
MW - 6	06/28/13	3,509.76	-	20.87	0.00	3,488.89
MW - 6	07/01/13	3,509.76	-	20.90	0.00	3,488.86
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

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	08/27/13	3,509.76	-	21.12	0.00	3,488.64
MW - 6	09/05/13	3,509.76	-	21.19	0.00	3,488.57
MW - 6	09/10/13	3,509.76	-	21.24	0.00	3,488.52
MW - 6	09/17/13	3,509.76	-	21.26	0.00	3,488.50
MW - 6	09/24/13	3,509.76	-	21.25	0.00	3,488.51
MW - 6	10/07/13	3,509.76	-	21.31	0.00	3,488.45
MW - 6	10/23/13	3,509.76	-	21.26	0.00	3,488.50
MW - 6	10/30/13	3,509.76	-	21.23	0.00	3,488.53
MW - 6	11/06/13	3,509.76	-	21.21	0.00	3,488.55
MW - 6	11/14/13	3,509.76	-	21.18	0.00	3,488.58
MW - 6	11/21/13	3,509.76	-	21.10	0.00	3,488.66
MW - 6	12/12/13	3,509.76	-	21.06	0.00	3,488.70
MW - 6	12/19/13	3,509.76	-	21.04	0.00	3,488.72
MW - 6	12/24/13	3,509.76	-	21.00	0.00	3,488.76
MW - 6	01/03/14	3,509.76	-	20.95	0.00	3,488.81
MW - 6	01/06/14	3,509.76	-	21.03	0.00	3,488.73
MW - 6	01/13/14	3,509.76	-	20.99	0.00	3,488.77
MW - 6	01/21/14	3,509.76	-	20.98	0.00	3,488.78
MW - 6	01/27/14	3,509.76	-	19.98	0.00	3,489.78
MW - 6	02/05/14	**3,510.17**	-	20.91	0.00	3,489.26
MW - 6	02/10/14	3,510.17	-	19.90	0.00	3,490.27
MW - 6	02/24/14	3,510.17	-	20.89	0.00	3,489.28
MW - 6	03/17/14	3,510.17	-	20.86	0.00	3,489.31
MW - 6	03/25/14	3,510.17	-	20.84	0.00	3,489.33
MW - 6	04/02/14	3,510.17	-	20.82	0.00	3,489.35
MW - 6	04/16/14	3,510.17	-	20.76	0.00	3,489.41
MW - 6	04/22/14	3,510.17	-	20.75	0.00	3,489.42
MW - 6	04/29/14	3,510.17	-	20.78	0.00	3,489.39
MW - 6	05/06/14	3,510.17	-	20.75	0.00	3,489.42
MW - 6	05/07/14	3,510.17	-	20.76	0.00	3,489.41
MW - 6	05/13/14	3,510.17	-	20.76	0.00	3,489.41
MW - 6	05/21/14	3,510.17	-	20.77	0.00	3,489.40
MW - 6	05/29/14	3,510.17	-	20.80	0.00	3,489.37
MW - 6	06/05/14	3,510.17	-	20.87	0.00	3,489.30
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

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	02/12/15	3,510.17	-	20.33	0.00	3,489.84
MW - 6	03/09/15	3,510.17	-	20.28	0.00	3,489.89
MW - 6	04/04/15	3,510.17	-	20.27	0.00	3,489.90
MW - 6	05/18/15	3,510.17	-	20.16	0.00	3,490.01
MW - 6	06/18/15	3,510.17	-	20.08	0.00	3,490.09
MW - 6	07/03/15	3,510.17	-	20.08	0.00	3,490.09
MW - 6	08/17/15	3,510.17	-	20.44	0.00	3,489.73
MW - 6	09/24/15	3,510.17	-	20.59	0.00	3,489.58
MW - 6	10/23/15	3,510.17	-	20.45	0.00	3,489.72
MW - 6	11/12/15	3,510.17	-	20.31	0.00	3,489.86
MW - 6	12/10/15	3,510.17	-	20.20	0.00	3,489.97
MW - 6	01/08/16	3,510.17	-	20.15	0.00	3,490.02
MW - 6	02/04/16	3,510.17	-	20.13	0.00	3,490.04
MW - 6	03/10/16	3,510.17	-	20.06	0.00	3,490.11
MW - 6	04/26/16	3,510.17	-	19.98	0.00	3,490.19
MW - 6	05/04/16	3,510.17	-	19.94	0.00	3,490.23
MW - 6	06/28/16	3,510.17	-	20.15	0.00	3,490.02
MW - 6	07/12/16	3,510.17	-	20.32	0.00	3,489.85
MW - 6	08/18/16	**Plugged and Abandoned**				
MW - 6A	08/16/16	**Installed**				
MW - 6A		100.00	-	0.00	0.00	100.00
MW - 6A	08/24/16	100.00	-	22.14	0.00	77.86
MW - 6A	08/31/16	100.00	-	22.03	0.00	77.97
MW - 6A	09/07/16	100.00	-	21.61	0.00	78.39
MW - 6A	09/13/16	100.00	-	21.46	0.00	78.54
MW - 6A	10/14/16	100.00	-	21.05	0.00	78.95
MW - 6A	10/26/16	100.00	-	21.05	0.00	78.95
MW - 6A	11/03/16	100.00	-	21.07	0.00	78.93
MW - 6A	11/07/16	100.00	-	21.06	0.00	78.94
MW - 6A	12/07/16	100.00	-	21.09	0.00	78.91
MW - 6A	12/13/16	100.00	-	21.09	0.00	78.91
MW - 6A	12/20/16	100.00	-	21.10	0.00	78.90
MW - 6A	01/04/17	100.00	-	21.08	0.00	78.92
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

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	03/22/17	100.00	-	21.05	0.00	78.95
MW - 6A	04/11/17	100.00	-	21.04	0.00	78.96
MW - 6A	04/18/17	100.00	-	21.01	0.00	78.99
MW - 6A	05/02/17	100.00	-	20.99	0.00	79.01
MW - 6A	05/10/17	100.00	-	20.99	0.00	79.01
MW - 6A	06/05/17	100.00	-	21.09	0.00	78.91
MW - 6A	06/14/17	100.00	-	21.16	0.00	78.84
MW - 6A	06/22/17	100.00	-	19.83	0.00	80.17
MW - 6A	06/29/17	100.00	-	21.33	0.00	78.67
MW - 6A	07/05/17	100.00	-	21.40	0.00	78.60
MW - 6A	07/14/17	100.00	-	21.49	0.00	78.51
MW - 6A	07/18/17	100.00	-	21.51	0.00	78.49
MW - 6A	07/22/17	100.00	-	21.54	0.00	78.46
MW - 6A	08/11/17	100.00	-	21.56	0.00	78.44
MW - 6A	08/15/17	100.00	-	21.49	0.00	78.51
MW - 6A	09/01/17	100.00	-	21.38	0.00	78.62
MW - 6A	09/08/17	100.00	-	21.31	0.00	78.69
MW - 6A	09/15/17	100.00	-	21.34	0.00	78.66
MW - 6A	09/22/17	100.00	-	21.38	0.00	78.62
MW - 6A	10/06/17	100.00	-	21.30	0.00	78.70
MW - 6A	10/13/17	100.00	-	21.28	0.00	78.72
MW - 6A	10/18/17	100.00	-	21.27	0.00	78.73
MW - 6A	10/26/17	100.00	-	21.20	0.00	78.80
MW - 6A	11/02/17	100.00	-	21.21	0.00	78.79
MW - 6A	11/09/17	100.00	-	21.20	0.00	78.80
MW - 6A	12/08/17	100.00	-	21.20	0.00	78.80
MW - 6A	12/13/17	100.00	-	21.16	0.00	78.84
MW - 6A	12/21/17	100.00	-	21.16	0.00	78.84
MW - 6A	01/05/18	100.00	-	21.15	0.00	78.85
MW - 6A	01/09/18	100.00	-	21.14	0.00	78.86
MW - 6A	01/17/18	100.00	-	21.15	0.00	78.85
MW - 6A	01/24/18	100.00	-	21.15	0.00	78.85
MW - 6A	02/08/18	100.00	-	21.12	0.00	78.88
MW - 6A	02/15/18	100.00	-	21.10	0.00	78.90
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

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	04/12/18	100.00	-	21.03	0.00	78.97
MW - 6A	04/18/18	100.00	-	21.07	0.00	78.93
MW - 6A	04/26/18	100.00	-	21.02	0.00	78.98
MW - 6A	05/03/18	100.00	-	21.04	0.00	78.96
MW - 6A	05/10/18	100.00	-	21.05	0.00	78.95
MW - 6A	05/25/18	100.00	-	21.20	0.00	78.80
MW - 6A	05/31/18	100.00	-	21.27	0.00	78.73
MW - 6A	06/06/18	100.00	-	21.35	0.00	78.65
MW - 6A	06/13/18	100.00	-	21.39	0.00	78.61
MW - 6A	06/22/18	100.00	-	21.48	0.00	78.52
MW - 6A	07/05/18	100.00	-	21.59	0.00	78.41
MW - 6A	07/11/18	100.00	-	21.62	0.00	78.38
MW - 6A	07/19/18	100.00	-	21.69	0.00	78.31
MW - 6A	08/03/18	100.00	-	21.76	0.00	78.24
MW - 6A	08/17/18	100.00	-	21.84	0.00	78.16
MW - 6A	08/23/18	100.00	-	21.87	0.00	78.13
MW - 6A	08/30/18	100.00	-	21.90	0.00	78.10
MW - 6A	09/13/18	100.00	-	21.92	0.00	78.08
MW - 6A	09/19/18	100.00	-	21.88	0.00	78.12
MW - 6A	10/17/18	100.00	-	21.87	0.00	78.13
MW - 6A	11/19/18	100.00	-	21.59	0.00	78.41
MW - 6A	11/26/18	100.00	-	21.57	0.00	78.43
MW - 6A	12/07/18	100.00	-	21.54	0.00	78.46
MW - 6A	12/13/18	100.00	-	21.56	0.00	78.44
MW - 6A	12/19/18	100.00	-	21.54	0.00	78.46
MW - 6A	01/02/19	100.00	-	21.49	0.00	78.51
MW - 6A	01/08/19	100.00	-	21.50	0.00	78.50
MW - 6A	01/15/19	100.00	-	21.47	0.00	78.53
MW - 6A	01/22/19	100.00	-	21.45	0.00	78.55
MW - 6A	02/06/19	100.00	-	21.42	0.00	78.58
MW - 6A	02/13/19	100.00	-	21.40	0.00	78.60
MW - 6A	02/18/19	100.00	-	21.41	0.00	78.59
MW - 6A	03/06/19	100.00	-	21.36	0.00	78.64
MW - 6A	03/14/19	100.00	-	21.38	0.00	78.62
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 6A	05/08/19	100.00	-	21.20	0.00	78.80
MW - 6A	05/17/19	100.00	-	21.20	0.00	78.80
MW - 6A	05/23/19	100.00	-	21.22	0.00	78.78
MW - 6A	05/31/19	100.00	-	21.28	0.00	78.72
MW - 6A	06/12/19	100.00	-	21.37	0.00	78.63
MW - 6A	06/18/19	100.00	-	21.44	0.00	78.56
MW - 6A	07/04/19	100.00	-	21.64	0.00	78.36
MW - 6A	07/12/19	100.00	-	21.71	0.00	78.29
MW - 6A	07/18/19	100.00	-	21.72	0.00	78.28
MW - 6A	07/24/19	100.00	-	21.76	0.00	78.24
MW - 6A	08/01/19	100.00	-	21.81	0.00	78.19
MW - 6A	08/08/19	100.00	-	21.84	0.00	78.16
MW - 6A	08/16/19	100.00	-	21.89	0.00	78.11
MW - 6A	08/22/19	100.00	-	21.95	0.00	78.05
MW - 6A	09/05/19	100.00	-	22.01	0.00	77.99
MW - 6A	09/12/19	100.00	-	22.05	0.00	77.95
MW - 6A	09/18/19	100.00	-	22.07	0.00	77.93
MW - 6A	09/25/19	100.00	-	22.07	0.00	77.93
MW - 6A	10/08/19	100.00	-	21.93	0.00	78.07
MW - 6A	10/17/19	100.00	-	21.85	0.00	78.15
MW - 6A	10/24/19	100.00	-	21.86	0.00	78.14
MW - 6A	11/14/19	100.00	-	21.74	0.00	78.26
MW - 6A	11/22/19	100.00	-	21.68	0.00	78.32
MW - 6A	11/26/19	100.00	-	21.66	0.00	78.34
MW - 6A	12/04/19	100.00	-	21.63	0.00	78.37
MW - 6A	12/09/19	100.00	-	21.63	0.00	78.37
MW - 6A	01/09/20	100.00	-	21.57	0.00	78.43
MW - 6A	01/17/20	100.00	-	21.55	0.00	78.45
MW - 6A	01/21/20	100.00	-	21.55	0.00	78.45
MW - 6A	01/29/20	100.00	-	21.53	0.00	78.47
MW - 6A	02/13/20	100.00	-	21.51	0.00	78.49
MW - 6A	02/20/20	100.00	-	21.55	0.00	78.45
MW - 6A	03/04/20	100.00	-	21.49	0.00	78.51
MW - 6A	03/20/20	100.00	-	21.42	0.00	78.58
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 6A	10/15/20	100.00	-	22.29	0.00	77.71
MW - 6A	10/29/20	100.00	-	22.34	0.00	77.66
MW - 6A	11/17/20	100.00	-	22.36	0.00	77.64
MW - 6A	11/30/20	100.00	-	22.38	0.00	77.62
MW - 6A	12/23/20	100.00	-	22.35	0.00	77.65
MW - 6A	01/14/21	100.00	-	22.34	0.00	77.66
MW - 6A	01/27/21	100.00	-	22.32	0.00	77.68
MW - 6A	02/25/21	100.00	-	22.24	0.00	77.76
MW - 6A	03/19/21	100.00	-	22.20	0.00	77.80
MW - 6A	04/12/21	100.00	-	22.16	0.00	77.84
MW - 6A	04/27/21	100.00	-	22.13	0.00	77.87
MW - 6A	05/21/21	100.00	-	22.04	0.00	77.96
MW - 6A	06/02/21	100.00	-	22.07	0.00	77.93
MW - 6A	07/06/21	100.00	-	22.33	0.00	77.67
MW - 6A	07/16/21	100.00	-	22.23	0.00	77.77
MW - 6A	08/18/21	100.00	-	22.34	0.00	77.66
MW - 6A	09/02/21	100.00	-	22.37	0.00	77.63
MW - 6A	09/21/21	100.00	-	22.40	0.00	77.60
MW - 6A	10/06/21	100.00	-	22.42	0.00	77.58
MW - 6A	10/15/21	100.00	-	22.45	0.00	77.55
MW - 6A	11/10/21	100.00	-	22.49	0.00	77.51
MW - 6A	11/19/21	100.00	-	22.51	0.00	77.49
MW - 6A	12/28/21	100.00	-	22.51	0.00	77.49
MW - 6A	01/07/22	100.00	-	22.49	0.00	77.51
MW - 6A	02/07/22	100.00	-	22.46	0.00	77.54
MW - 6A	03/11/22	100.00	-	22.44	0.00	77.56
MW - 6A	04/05/22	100.00	-	22.40	0.00	77.60
MW - 6A	04/21/22	100.00	-	22.41	0.00	77.59
MW - 6A	06/17/22	100.00	-	22.62	0.00	77.38
MW - 6A	06/24/22	100.00	-	22.66	0.00	77.34
MW - 6A	07/22/22	100.00	-	22.80	0.00	77.20
MW - 6A	07/29/22	100.00	-	22.84	0.00	77.16
MW - 6A	08/26/22	100.00	-	23.00	0.00	77.00
MW - 6A	09/28/22	100.00	-	22.85	0.00	77.15
MW - 6A	10/13/22	100.00	-	22.92	0.00	77.08
MW - 6A	12/22/22	100.00	-	22.60	0.00	77.40
MW - 6A	01/13/23	100.00	-	22.52	0.00	77.48
MW - 6A	02/16/23	100.00	-	22.49	0.00	77.51
MW - 6A	03/24/23	100.00	-	19.96	0.00	80.04
MW - 6A	04/26/23	100.00	-	22.27	0.00	77.73

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	06/01/23	100.00	-	22.24	0.00	77.76
MW - 6A	07/27/23	100.00	-	22.68	0.00	77.32
MW - 6A	08/10/23	100.00	-	22.94	0.00	77.06
MW - 6A	11/08/23	100.00	-	28.01	0.00	71.99
MW - 7	05/25/04	3,507.38	-	19.37	0.00	3,488.01
MW - 7	06/03/04	3,507.38	-	19.37	0.00	3,488.01
MW - 7	06/15/04	3,507.38	-	19.40	0.00	3,487.98
MW - 7	07/08/04	3,507.38	-	19.36	0.00	3,488.02
MW - 7	07/26/04	3,507.38	-	19.49	0.00	3,487.89
MW - 7	09/10/06	3,507.38	-	19.67	0.00	3,487.71
MW - 7	09/21/04	3,507.38	-	19.75	0.00	3,487.63
MW - 7	10/04/04	3,507.38	-	19.25	0.00	3,488.13
MW - 7	10/15/04	3,507.38	-	19.07	0.00	3,488.31
MW - 7	11/09/04	3,507.38	-	19.09	0.00	3,488.29
MW - 7	11/16/04	3,507.38	-	19.10	0.00	3,488.28
MW - 7	12/07/04	3,507.38	-	18.94	0.00	3,488.44
MW - 7	12/17/04	3,507.38	-	18.89	0.00	3,488.49
MW - 7	01/07/05	3,507.38	-	18.79	0.00	3,488.59
MW - 7	02/21/05	3,507.38	-	18.57	0.00	3,488.81
MW - 7	03/29/05	3,507.38	-	18.23	0.00	3,489.15
MW - 7	04/22/05	3,507.38	-	18.33	0.00	3,489.05
MW - 7	05/06/05	3,507.38	-	18.23	0.00	3,489.15
MW - 7	05/11/05	3,507.38	-	18.24	0.00	3,489.14
MW - 7	07/19/05	3,507.38	-	18.24	0.00	3,489.14
MW - 7	08/16/05	3,507.38	-	18.35	0.00	3,489.03
MW - 7	10/05/05	3,507.38	-	18.25	0.00	3,489.13
MW - 7	11/15/05	3,507.38	-	18.14	0.00	3,489.24
MW - 7	02/15/06	3,507.38	-	18.04	0.00	3,489.34
MW - 7	03/13/06	3,507.38	-	18.05	0.00	3,489.33
MW - 7	03/22/06	3,507.38	NOT SAMPLED			
MW - 7	05/23/06	3,507.38	-	18.09	0.00	3,489.29
MW - 7	07/20/06	3,507.38	-	18.45	0.00	3,488.93
MW - 7	08/09/06	3,507.38	-	18.27	0.00	3,489.11
MW - 7	10/18/06	3,507.38	-	17.86	0.00	3,489.52
MW - 7	11/27/06	3,507.38	-	17.82	0.00	3,489.56
MW - 7	12/11/06	3,507.38	-	29.80	0.00	3,477.58
MW - 7	01/04/07	3,507.38	-	17.77	0.00	3,489.61
MW - 7	02/16/07	3,507.38	-	17.69	0.00	3,489.69
MW - 7	03/20/07	3,507.38	-	17.66	0.00	3,489.72

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	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
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

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	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
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

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	05/08/13	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
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

TABLE 4

Historical Ground Water Elevation Data

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

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

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	01/19/15	3,507.54	-	18.18	0.00	3,489.36
MW - 7	02/04/15	3,507.54	-	18.33	0.00	3,489.21
MW - 7	02/12/15	3,507.54	-	18.32	0.00	3,489.22
MW - 7	03/03/15	3,507.54	-	18.14	0.00	3,489.40
MW - 7	03/09/15	3,507.54	-	18.18	0.00	3,489.36
MW - 7	03/16/15	3,507.54	-	18.30	0.00	3,489.24
MW - 7	03/23/15	3,507.54	-	18.17	0.00	3,489.37
MW - 7	03/30/15	3,507.54	-	18.19	0.00	3,489.35
MW - 7	04/04/15	3,507.54	-	18.22	0.00	3,489.32
MW - 7	04/07/15	3,507.54	-	18.16	0.00	3,489.38
MW - 7	04/13/15	3,507.54	-	18.30	0.00	3,489.24
MW - 7	04/20/15	3,507.54	-	18.25	0.00	3,489.29
MW - 7	04/27/15	3,507.54	-	18.10	0.00	3,489.44
MW - 7	05/07/15	3,507.54	-	18.14	0.00	3,489.40
MW - 7	05/11/15	3,507.54	-	18.11	0.00	3,489.43
MW - 7	05/18/15	3,507.54	-	17.90	0.00	3,489.64
MW - 7	05/21/15	3,507.54	-	18.06	0.00	3,489.48
MW - 7	05/29/15	3,507.54	-	18.01	0.00	3,489.53
MW - 7	06/03/15	3,507.54	-	17.96	0.00	3,489.58
MW - 7	06/08/15	3,507.54	-	18.03	0.00	3,489.51
MW - 7	06/15/15	3,507.54	-	18.05	0.00	3,489.49
MW - 7	06/18/15	3,507.54	-	17.96	0.00	3,489.58
MW - 7	06/25/15	3,507.54	-	17.84	0.00	3,489.70
MW - 7	07/01/15	3,507.54	-	17.96	0.00	3,489.58
MW - 7	07/03/15	3,507.54	-	17.99	0.00	3,489.55
MW - 7	07/08/15	3,507.54	-	19.97	0.00	3,487.57
MW - 7	07/14/15	3,507.54	-	18.12	0.00	3,489.42
MW - 7	07/20/15	3,507.54	-	18.26	0.00	3,489.28
MW - 7	07/28/15	3,507.54	-	18.25	0.00	3,489.29
MW - 7	08/04/15	3,507.54	-	18.27	0.00	3,489.27
MW - 7	08/10/15	3,507.54	-	18.34	0.00	3,489.20
MW - 7	08/17/15	3,507.54	-	18.41	0.00	3,489.13
MW - 7	08/25/15	3,507.54	-	18.28	0.00	3,489.26
MW - 7	08/31/15	3,507.54	-	18.26	0.00	3,489.28
MW - 7	09/08/15	3,507.54	-	18.45	0.00	3,489.09
MW - 7	09/15/15	3,507.54	-	18.46	0.00	3,489.08
MW - 7	09/24/15	3,507.54	-	18.50	0.00	3,489.04
MW - 7	09/28/15	3,507.54	-	18.56	0.00	3,488.98
MW - 7	10/06/15	3,507.54	-	18.56	0.00	3,488.98
MW - 7	10/12/15	3,507.54	-	18.65	0.00	3,488.89

TABLE 4

Historical Ground Water Elevation Data

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

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

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	08/01/16	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
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 7A	09/01/17	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
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

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	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
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

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	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
MW - 7A	01/07/22	100.00	-	20.01	0.00	79.99
MW - 7A	02/07/22	100.00	-	19.99	0.00	80.01
MW - 7A	03/11/22	100.00	-	19.98	0.00	80.02
MW - 7A	04/05/22	100.00	-	19.95	0.00	80.05
MW - 7A	04/21/22	100.00	-	19.96	0.00	80.04
MW - 7A	06/17/22	100.00	-	20.13	0.00	79.87
MW - 7A	07/29/22	100.00	-	20.33	0.00	79.67
MW - 7A	08/26/22	100.00	-	20.47	0.00	79.53
MW - 7A	09/28/22	100.00	-	20.33	0.00	79.67
MW - 7A	10/13/22	100.00	-	20.38	0.00	79.62
MW - 7A	12/22/22	100.00	-	20.08	0.00	79.92
MW - 7A	01/13/23	100.00	-	20.03	0.00	79.97

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	02/16/23	100.00	-	19.97	0.00	80.03
MW - 7A	03/24/23	100.00	-	19.80	0.00	80.20
MW - 7A	04/26/23	100.00	-	19.82	0.00	80.18
MW - 7A	06/01/23	100.00	-	19.67	0.00	80.33
MW - 7A	08/10/23	100.00	-	20.52	0.00	79.48
MW - 7A	11/08/23	100.00	-	20.22	0.00	79.78
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

TABLE 4

Historical Ground Water Elevation Data

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

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

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	05/02/17	3,513.26	-	22.45	0.00	3,490.81
MW - 8	05/10/17	3,513.26	-	22.45	0.00	3,490.81
MW - 8	06/22/17	3,513.26	-	22.73	0.00	3,490.53
MW - 8	07/05/17	3,513.26	-	22.87	0.00	3,490.39
MW - 8	08/15/17	3,513.26	-	22.49	0.00	3,490.77
MW - 8	09/08/17	3,513.26	-	22.82	0.00	3,490.44
MW - 8	10/18/17	3,513.26	-	22.74	0.00	3,490.52
MW - 8	11/09/17	3,513.26	-	22.69	0.00	3,490.57
MW - 8	12/21/17	3,513.26	-	22.61	0.00	3,490.65
MW - 8	01/09/18	3,513.26	-	22.59	0.00	3,490.67
MW - 8	02/08/18	3,513.26	-	22.56	0.00	3,490.70
MW - 8	03/07/18	3,513.26	-	22.53	0.00	3,490.73
MW - 8	04/12/18	3,513.26	-	22.46	0.00	3,490.80
MW - 8	05/03/18	3,513.26	-	22.46	0.00	3,490.80
MW - 8	06/06/18	3,513.26	-	22.80	0.00	3,490.46
MW - 8	06/06/18	3,513.26	-	22.80	0.00	3,490.46
MW - 8	07/11/18	3,513.26	-	23.08	0.00	3,490.18
MW - 8	08/22/18	3,513.26	-	23.35	0.00	3,489.91
MW - 8	09/13/18	3,513.26	-	23.41	0.00	3,489.85
MW - 8	11/26/18	3,513.26	-	23.04	0.00	3,490.22
MW - 8	12/13/18	3,513.26	-	22.98	0.00	3,490.28
MW - 8	01/02/19	3,513.26	-	22.94	0.00	3,490.32
MW - 8	02/06/19	3,513.26	-	22.85	0.00	3,490.41
MW - 8	03/06/19	3,513.26	-	22.80	0.00	3,490.46
MW - 8	04/05/19	3,513.26	-	22.74	0.00	3,490.52
MW - 8	05/08/19	3,513.26	-	22.64	0.00	3,490.62
MW - 8	06/12/19	3,513.26	-	22.82	0.00	3,490.44
MW - 8	07/04/19	3,513.26	-	23.10	0.00	3,490.16
MW - 8	08/08/19	3,513.26	-	23.32	0.00	3,489.94
MW - 8	09/12/19	3,513.26	-	23.52	0.00	3,489.74
MW - 8	10/08/19	3,513.26	-	23.45	0.00	3,489.81
MW - 8	11/26/19	3,513.26	-	23.14	0.00	3,490.12
MW - 8	12/09/19	3,513.26	-	23.10	0.00	3,490.16
MW - 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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 8	10/29/20	3,513.26	-	23.81	0.00	3,489.45
MW - 8	11/17/20	3,513.26	-	23.84	0.00	3,489.42
MW - 8	12/23/20	3,513.26	-	23.79	0.00	3,489.47
MW - 8	01/27/21	3,513.26	-	23.73	0.00	3,489.53
MW - 8	03/18/21	3,513.26	-	23.62	0.00	3,489.64
MW - 8	04/12/21	3,513.26	-	23.56	0.00	3,489.70
MW - 8	06/01/21	3,513.26	-	23.48	0.00	3,489.78
MW - 8	07/06/21	3,513.26	-	23.79	0.00	3,489.47
MW - 8	09/01/21	3,513.26	-	23.86	0.00	3,489.40
MW - 8	10/06/21	3,513.26	-	23.92	0.00	3,489.34
MW - 8	11/09/21	3,513.26	-	23.97	0.00	3,489.29
MW - 8	01/07/22	3,513.26	-	23.94	0.00	3,489.32
MW - 8	02/07/22	3,513.26	-	23.89	0.00	3,489.37
MW - 8	03/11/22	3,513.26	-	23.86	0.00	3,489.40
MW - 8	04/05/22	3,513.26	-	23.82	0.00	3,489.44
MW - 8	06/16/22	3,513.26	-	24.10	0.00	3,489.16
MW - 8	07/28/22	3,513.26	-	24.33	0.00	3,488.93
MW - 8	12/21/22	3,513.26	-	24.03	0.00	3,489.23
MW - 8	02/16/23	3,513.26	-	23.92	0.00	3,489.34
MW - 8	05/31/23	3,513.26	-	23.72	0.00	3,489.54
MW - 8	08/10/23	3,513.26	-	24.97	0.00	3,488.29
MW - 8	11/08/23	3,513.26	-	24.24	0.00	3,489.02
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 9	11/20/08	3,509.34	-	21.36	0.00	3,487.98
MW - 9	02/16/09	3,509.34	-	21.12	0.00	3,488.22
MW - 9	05/29/09	3,509.34	-	21.17	0.00	3,488.17
MW - 9	08/06/09	3,509.34	-	21.59	0.00	3,487.75
MW - 9	11/10/09	3,509.34	-	21.95	0.00	3,487.39
MW - 9	01/05/10	3,509.34	-	21.88	0.00	3,487.46
MW - 9	02/04/10	3,509.34	-	21.83	0.00	3,487.51
MW - 9	05/06/10	3,509.34	-	21.32	0.00	3,488.02
MW - 9	08/05/10	3,509.34	-	21.06	0.00	3,488.28
MW - 9	11/04/10	3,509.34	-	21.09	0.00	3,488.25
MW - 9	02/09/11	3,509.34	-	21.06	0.00	3,488.28
MW - 9	05/03/11	3,509.34	-	21.04	0.00	3,488.30
MW - 9	08/02/11	3,509.34	-	21.02	0.00	3,488.32
MW - 9	11/21/11	3,509.34	-	22.05	0.00	3,487.29
MW - 9	02/13/12	3,509.34	-	21.92	0.00	3,487.42
MW - 9	05/24/12	3,509.34	-	21.75	0.00	3,487.59
MW - 9	08/07/12	3,509.34	-	22.19	0.00	3,487.15
MW - 9	11/14/12	3,509.34	-	22.19	0.00	3,487.15
MW - 9	02/14/13	3,509.34	-	27.01	0.00	3,482.33
MW - 9	05/09/13	3,509.34	-	21.89	0.00	3,487.45
MW - 9	08/08/13	3,509.34	-	22.18	0.00	3,487.16
MW - 9	11/21/13	3,509.34	-	22.29	0.00	3,487.05
MW - 9	02/24/14	**3,510.47**	-	22.10	0.00	3,488.37
MW - 9	05/07/14	3,510.47	-	21.97	0.00	3,488.50
MW - 9	07/22/14	3,510.47	-	22.53	0.00	3,487.94
MW - 9	08/16/14	3,510.47	-	22.59	0.00	3,487.88
MW - 9	10/27/14	3,510.47	-	21.33	0.00	3,489.14
MW - 9	11/11/14	3,510.47	-	21.29	0.00	3,489.18
MW - 9	02/12/15	3,510.47	-	21.47	0.00	3,489.00
MW - 9	03/09/15	3,510.47	-	21.45	0.00	3,489.02
MW - 9	04/04/15	3,510.47	-	21.44	0.00	3,489.03
MW - 9	05/18/15	3,510.47	-	21.20	0.00	3,489.27
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

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	02/04/16	3,510.47	-	21.24	0.00	3,489.23
MW - 9	03/10/16	3,510.47	-	21.16	0.00	3,489.31
MW - 9	04/26/16	3,510.47	-	21.09	0.00	3,489.38
MW - 9	05/04/16	3,510.47	-	21.09	0.00	3,489.38
MW - 9	06/28/16	3,510.47	-	21.24	0.00	3,489.23
MW - 9	07/12/16	3,510.47	-	21.43	0.00	3,489.04
MW - 9	08/17/16	100.00	-	0.00	0.00	100.00
MW - 9	08/24/16	100.00	-	20.73	0.00	79.27
MW - 9	09/07/16	100.00	-	19.32	0.00	80.68
MW - 9	10/14/16	100.00	-	19.49	0.00	80.51
MW - 9	11/07/16	100.00	-	19.64	0.00	80.36
MW - 9	12/07/16	100.00	-	19.70	0.00	80.30
MW - 9	12/20/16	100.00	-	19.71	0.00	80.29
MW - 9	01/18/17	100.00	-	19.71	0.00	80.29
MW - 9	02/08/17	100.00	-	19.70	0.00	80.30
MW - 9	03/14/17	100.00	-	19.68	0.00	80.32
MW - 9	05/02/17	100.00	-	19.61	0.00	80.39
MW - 9	05/10/17	100.00	-	19.63	0.00	80.37
MW - 9	06/22/17	100.00	-	19.83	0.00	80.17
MW - 9	07/05/17	100.00	-	19.96	0.00	80.04
MW - 9	08/15/17	100.00	-	19.84	0.00	80.16
MW - 9	09/08/17	100.00	-	19.69	0.00	80.31
MW - 9	10/18/17	100.00	-	19.71	0.00	80.29
MW - 9	11/09/17	100.00	-	19.78	0.00	80.22
MW - 9	12/21/17	100.00	-	19.76	0.00	80.24
MW - 9	01/09/18	100.00	-	19.75	0.00	80.25
MW - 9	02/08/18	100.00	-	19.74	0.00	80.26
MW - 9	03/07/18	100.00	-	19.72	0.00	80.28
MW - 9	04/12/18	100.00	-	19.66	0.00	80.34
MW - 9	05/03/18	100.00	-	19.68	0.00	80.32
MW - 9	06/06/18	100.00	-	20.00	0.00	80.00
MW - 9	07/11/18	100.00	-	20.24	0.00	79.76
MW - 9	08/22/18	100.00	-	20.49	0.00	79.51
MW - 9	09/13/18	100.00	-	20.45	0.00	79.55
MW - 9	11/26/18	100.00	-	20.12	0.00	79.88
MW - 9	12/13/18	100.00	-	20.14	0.00	79.86
MW - 9	01/02/19	100.00	-	20.09	0.00	79.91
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

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	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
MW - 9	01/27/21	100.00	-	20.95	0.00	79.05
MW - 9	03/18/21	100.00	-	20.86	0.00	79.14
MW - 9	04/12/21	100.00	-	20.86	0.00	79.14
MW - 9	06/02/21	100.00	-	20.75	0.00	79.25
MW - 9	07/06/21	100.00	-	20.87	0.00	79.13
MW - 9	07/16/21	100.00	-	20.83	0.00	79.17
MW - 9	08/18/21	100.00	-	20.97	0.00	79.03
MW - 9	09/02/21	100.00	-	20.98	0.00	79.02
MW - 9	10/06/21	100.00	-	21.05	0.00	78.95
MW - 9	10/15/21	100.00	-	21.05	0.00	78.95
MW - 9	11/09/21	100.00	-	21.11	0.00	78.89
MW - 9	11/19/21	100.00	-	21.14	0.00	78.86
MW - 9	12/28/21	100.00	-	21.17	0.00	78.83
MW - 9	01/07/22	100.00	-	21.17	0.00	78.83
MW - 9	02/07/22	100.00	-	21.14	0.00	78.86
MW - 9	03/11/22	100.00	-	21.14	0.00	78.86
MW - 9	04/05/22	100.00	-	21.11	0.00	78.89
MW - 9	06/16/22	100.00	-	21.29	0.00	78.71
MW - 9	07/29/22	100.00	-	21.51	0.00	78.49
MW - 9	12/22/22	100.00	-	21.22	0.00	78.78
MW - 9	02/16/23	100.00	-	21.12	0.00	78.88
MW - 9	04/26/23	100.00	-	20.96	0.00	79.04

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 - 9	06/01/23	100.00	-	20.72	0.00	79.28
MW - 9	08/10/23	100.00	-	21.57	0.00	78.43
MW - 9	11/08/23	100.00	-	21.39	0.00	78.61
MW - 10	03/16/06	3,506.66	WELL INSTALLED 3/16/2006			N/A
MW - 10	03/22/06	3,506.66	-	18.22	0.00	3,488.44
MW - 10	05/23/06	3,506.66	-	18.57	0.00	3,488.09
MW - 10	07/20/06	3,506.66	-	18.98	0.00	3,487.68
MW - 10	08/09/06	3,506.66	-	18.78	0.00	3,487.88
MW - 10	10/18/06	3,506.66	-	18.37	0.00	3,488.29
MW - 10	11/27/06	3,506.66	-	18.30	0.00	3,488.36
MW - 10	12/11/06	3,506.66	-	18.33	0.00	3,488.33
MW - 10	01/04/07	3,506.66	-	18.28	0.00	3,488.38
MW - 10	02/16/07	3,506.66	-	18.16	0.00	3,488.50
MW - 10	03/20/07	3,506.66	-	18.10	0.00	3,488.56
MW - 10	06/04/07	3,506.66	-	18.04	0.00	3,488.62
MW - 10	08/22/07	3,506.66	-	18.73	0.00	3,487.93
MW - 10	11/29/07	3,506.66	-	18.40	0.00	3,488.26
MW - 10	02/26/08	3,506.66	-	18.30	0.00	3,488.36
MW - 10	05/22/08	3,506.66	-	18.28	0.00	3,488.38
MW - 10	08/28/08	3,506.66	-	19.01	0.00	3,487.65
MW - 10	11/20/08	3,506.66	-	18.57	0.00	3,488.09
MW - 10	02/16/09	3,506.66	-	18.42	0.00	3,488.24
MW - 10	05/29/09	3,506.66	-	18.47	0.00	3,488.19
MW - 10	08/06/09	3,506.66	-	18.84	0.00	3,487.82
MW - 10	11/10/09	3,506.66	-	19.20	0.00	3,487.46
MW - 10	01/05/10	3,506.66	-	19.12	0.00	3,487.54
MW - 10	02/04/10	3,506.66	-	19.05	0.00	3,487.61
MW - 10	05/06/10	3,506.66	-	19.16	0.00	3,487.50
MW - 10	08/05/10	3,506.66	-	18.17	0.00	3,488.49
MW - 10	11/04/10	3,506.66	-	18.16	0.00	3,488.50
MW - 10	02/09/11	3,506.66	-	18.16	0.00	3,488.50
MW - 10	05/03/11	3,506.66	-	18.13	0.00	3,488.53
MW - 10	05/19/11	3,506.66	-	18.70	0.00	3,487.96
MW - 10	05/25/11	3,506.66	-	18.78	0.00	3,487.88
MW - 10	06/06/11	3,506.66	-	18.84	0.00	3,487.82
MW - 10	06/13/11	3,506.66	-	18.79	0.00	3,487.87
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

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	07/25/11	3,506.66	-	19.18	0.00	3,487.48
MW - 10	08/02/11	3,506.66	-	18.13	0.00	3,488.53
MW - 10	08/03/11	3,506.66	-	19.22	0.00	3,487.44
MW - 10	08/18/11	3,506.66	-	19.38	0.00	3,487.28
MW - 10	08/24/11	3,506.66	-	19.47	0.00	3,487.19
MW - 10	08/29/11	3,506.66	-	19.30	0.00	3,487.36
MW - 10	09/07/11	3,506.66	-	19.38	0.00	3,487.28
MW - 10	09/14/11	3,506.66	-	19.38	0.00	3,487.28
MW - 10	10/26/11	3,506.66	-	19.38	0.00	3,487.28
MW - 10	11/21/11	3,506.66	-	19.30	0.00	3,487.36
MW - 10	11/28/11	3,506.66	-	19.32	0.00	3,487.34
MW - 10	12/12/11	3,506.66	-	19.33	0.00	3,487.33
MW - 10	01/10/12	3,506.66	-	19.23	0.00	3,487.43
MW - 10	01/17/12	3,506.66	-	19.23	0.00	3,487.43
MW - 10	01/25/12	3,506.66	-	19.20	0.00	3,487.46
MW - 10	02/01/12	3,506.66	-	19.17	0.00	3,487.49
MW - 10	02/13/12	3,506.66	-	19.15	0.00	3,487.51
MW - 10	03/07/12	3,506.66	-	19.05	0.00	3,487.61
MW - 10	03/19/12	3,506.66	-	19.00	0.00	3,487.66
MW - 10	03/28/12	3,506.66	-	18.57	0.00	3,488.09
MW - 10	04/04/12	3,506.66	-	18.96	0.00	3,487.70
MW - 10	04/11/12	3,506.66	-	18.95	0.00	3,487.71
MW - 10	04/18/12	3,506.66	-	18.95	0.00	3,487.71
MW - 10	04/25/12	3,506.66	-	18.99	0.00	3,487.67
MW - 10	05/03/12	3,506.66	-	19.03	0.00	3,487.63
MW - 10	05/09/12	3,506.66	-	19.07	0.00	3,487.59
MW - 10	05/16/12	3,506.66	-	19.05	0.00	3,487.61
MW - 10	05/24/12	3,506.66	-	19.00	0.00	3,487.66
MW - 10	06/01/12	3,506.66	-	19.01	0.00	3,487.65
MW - 10	06/06/12	3,506.66	-	19.01	0.00	3,487.65
MW - 10	06/14/12	3,506.66	-	19.08	0.00	3,487.58
MW - 10	06/20/12	3,506.66	-	19.06	0.00	3,487.60
MW - 10	06/26/12	3,506.66	-	19.11	0.00	3,487.55
MW - 10	07/11/12	3,506.66	-	19.26	0.00	3,487.40
MW - 10	07/18/12	3,506.66	-	19.36	0.00	3,487.30
MW - 10	08/02/12	3,506.66	-	19.43	0.00	3,487.23
MW - 10	08/07/12	3,506.66	-	19.40	0.00	3,487.26
MW - 10	08/17/12	3,506.66	-	19.50	0.00	3,487.16
MW - 10	09/06/12	3,506.66	-	19.57	0.00	3,487.09
MW - 10	09/11/12	3,506.66	-	19.59	0.00	3,487.07

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 10	09/25/12	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
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

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	11/21/13	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
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

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	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
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

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	07/20/15	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
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

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	05/02/16	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
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

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	06/14/17	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
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

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	05/31/18	3,507.79	-	18.28	0.00	3,489.51
MW-10	06/06/18	3,507.79	-	18.34	0.00	3,489.45
MW-10	06/13/18	3,507.79	-	18.41	0.00	3,489.38
MW-10	06/22/18	3,507.79	-	18.45	0.00	3,489.34
MW-10	07/05/18	3,507.79	-	18.55	0.00	3,489.24
MW-10	07/11/18	3,507.79	-	18.58	0.00	3,489.21
MW-10	07/19/18	3,507.79	-	18.65	0.00	3,489.14
MW-10	08/03/18	3,507.79	-	18.75	0.00	3,489.04
MW-10	08/17/18	3,507.79	-	18.83	0.00	3,488.96
MW-10	08/22/18	3,507.79	-	18.82	0.00	3,488.97
MW-10	08/30/18	3,507.79	-	18.86	0.00	3,488.93
MW-10	09/13/18	3,507.79	-	18.72	0.00	3,489.07
MW-10	09/19/18	3,507.79	-	18.70	0.00	3,489.09
MW-10	11/19/18	3,507.79	-	18.39	0.00	3,489.40
MW-10	11/26/18	3,507.79	-	18.39	0.00	3,489.40
MW-10	12/07/18	3,507.79	-	18.39	0.00	3,489.40
MW-10	12/13/18	3,507.79	-	18.39	0.00	3,489.40
MW-10	12/19/18	3,507.79	-	18.40	0.00	3,489.39
MW-10	01/02/19	3,507.79	-	18.40	0.00	3,489.39
MW-10	01/08/19	3,507.79	-	18.38	0.00	3,489.41
MW-10	01/15/19	3,507.79	-	18.35	0.00	3,489.44
MW-10	01/22/19	3,507.79	-	18.39	0.00	3,489.40
MW-10	02/06/19	3,507.79	-	18.34	0.00	3,489.45
MW-10	02/13/19	3,507.79	-	18.38	0.00	3,489.41
MW-10	02/18/19	3,507.79	-	18.31	0.00	3,489.48
MW-10	03/06/19	3,507.79	-	18.29	0.00	3,489.50
MW-10	03/27/19	3,507.79	-	18.22	0.00	3,489.57
MW-10	04/05/19	3,507.79	-	18.22	0.00	3,489.57
MW-10	04/11/19	3,507.79	-	18.17	0.00	3,489.62
MW-10	04/17/19	3,507.79	-	18.14	0.00	3,489.65
MW-10	05/03/19	3,507.79	-	18.14	0.00	3,489.65
MW-10	05/08/19	3,507.79	-	18.11	0.00	3,489.68
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

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	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
MW-10	11/19/21	3,507.79	-	19.44	0.00	3,488.35
MW-10	12/28/21	3,507.79	-	19.46	0.00	3,488.33
MW-10	01/07/22	3,507.79	-	19.44	0.00	3,488.35
MW-10	02/07/22	3,507.79	-	19.42	0.00	3,488.37
MW-10	03/11/22	3,507.79	-	19.40	0.00	3,488.39
MW-10	04/05/22	3,507.79	-	19.38	0.00	3,488.41
MW-10	04/21/22	3,507.79	-	19.40	0.00	3,488.39
MW-10	06/17/22	3,507.79	-	19.60	0.00	3,488.19
MW-10	06/24/22	3,507.79	-	19.65	0.00	3,488.14
MW-10	07/22/22	3,507.79	-	19.79	0.00	3,488.00

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	07/29/22	3,507.79	-	19.84	0.00	3,487.95
MW-10	08/26/22	3,507.79	-	19.94	0.00	3,487.85
MW-10	12/22/22	3,507.79	-	19.50	0.00	3,488.29
MW-10	02/16/23	3,507.79	-	19.40	0.00	3,488.39
MW-10	06/01/23	3,507.79	-	19.08	0.00	3,488.71
MW-10	08/10/23	3,507.79	-	20.03	0.00	3,487.76
MW-10	11/08/23	3,507.79	-	19.61	0.00	3,488.18
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

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	07/22/14	3,509.52	-	22.50	0.00	3,487.02
MW - 11A	08/16/14	3,509.52	-	22.56	0.00	3,486.96
MW - 11A	10/27/14	3,509.52	-	21.25	0.00	3,488.27
MW - 11A	11/11/14	3,509.52	-	21.24	0.00	3,488.28
MW - 11A	02/12/15	3,509.52	-	21.30	0.00	3,488.22
MW - 11A	03/09/15	3,509.52	-	21.27	0.00	3,488.25
MW - 11A	04/04/15	3,509.52	-	21.25	0.00	3,488.27
MW - 11A	05/18/15	3,509.52	-	21.08	0.00	3,488.44
MW - 11A	06/18/15	3,509.52	-	19.64	0.00	3,489.88
MW - 11A	07/03/15	3,509.52	-	21.05	0.00	3,488.47
MW - 11A	08/17/15	3,509.52	-	21.50	0.00	3,488.02
MW - 11A	09/24/15	3,509.52	-	21.58	0.00	3,487.94
MW - 11A	10/23/15	3,509.52	-	21.37	0.00	3,488.15
MW - 11A	11/12/15	3,509.52	-	21.22	0.00	3,488.30
MW - 11A	12/10/15	3,509.52	-	21.18	0.00	3,488.34
MW - 11A	01/08/16	3,509.52	-	21.13	0.00	3,488.39
MW - 11A	02/04/16	3,509.52	-	21.10	0.00	3,488.42
MW - 11A	03/10/16	3,509.52	-	21.04	0.00	3,488.48
MW - 11A	04/26/16	3,509.52	-	20.95	0.00	3,488.57
MW - 11A	05/04/16	3,509.52	-	20.94	0.00	3,488.58
MW - 11A	06/28/16	3,509.52	-	21.24	0.00	3,488.28
MW - 11A	07/12/16	3,509.52	-	21.43	0.00	3,488.09
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

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	01/09/18	3,509.52	-	20.57	0.00	3,488.95
MW - 11A	02/08/18	3,509.52	-	20.56	0.00	3,488.96
MW - 11A	03/07/18	3,509.52	-	20.53	0.00	3,488.99
MW - 11A	04/12/18	3,509.52	-	20.50	0.00	3,489.02
MW - 11A	05/03/18	3,509.52	-	20.54	0.00	3,488.98
MW - 11A	06/06/18	3,509.52	-	20.93	0.00	3,488.59
MW - 11A	07/11/18	3,509.52	-	21.18	0.00	3,488.34
MW - 11A	08/22/18	3,509.52	-	21.40	0.00	3,488.12
MW - 11A	09/13/18	3,509.52	-	21.30	0.00	3,488.22
MW - 11A	11/07/18	3,509.52	-	29.26	0.00	3,480.26
MW - 11A	11/26/18	3,509.52	-	20.96	0.00	3,488.56
MW - 11A	12/13/18	3,509.52	-	20.94	0.00	3,488.58
MW - 11A	01/02/19	3,509.52	-	20.91	0.00	3,488.61
MW - 11A	01/09/19	3,509.52	-	20.91	0.00	3,488.61
MW - 11A	02/06/19	3,509.52	-	20.87	0.00	3,488.65
MW - 11A	03/06/19	3,509.52	-	20.82	0.00	3,488.70
MW - 11A	04/05/19	3,509.52	-	20.74	0.00	3,488.78
MW - 11A	05/08/19	3,509.52	-	20.70	0.00	3,488.82
MW - 11A	06/12/19	3,509.52	-	20.92	0.00	3,488.60
MW - 11A	07/04/19	3,509.52	-	21.24	0.00	3,488.28
MW - 11A	08/08/19	3,509.52	-	21.40	0.00	3,488.12
MW - 11A	09/12/19	3,509.52	-	21.50	0.00	3,488.02
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

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	09/02/21	3,509.52	-	21.89	0.00	3,487.63
MW - 11A	10/15/21	3,509.52	-	21.96	0.00	3,487.56
MW - 11A	11/09/21	3,509.52	-	22.01	0.00	3,487.51
MW - 11A	01/07/22	3,509.52	-	22.00	0.00	3,487.52
MW - 11A	02/07/22	3,509.52	-	21.98	0.00	3,487.54
MW - 11A	03/11/22	3,509.52	-	21.98	0.00	3,487.54
MW - 11A	04/05/22	3,509.52	-	21.96	0.00	3,487.56
MW - 11A	06/16/22	3,509.52	-	22.21	0.00	3,487.31
MW - 11A	07/28/22	3,509.52	-	22.49	0.00	3,487.03
MW - 11A	12/22/22	3,509.52	-	22.05	0.00	3,487.47
MW - 11A	02/16/23	3,509.52	-	21.96	0.00	3,487.56
MW - 11A	06/01/23	3,509.52	-	21.70	0.00	3,487.82
MW - 11A	08/10/23	3,509.52	-	22.59	0.00	3,486.93
MW - 11A	11/08/23	3,509.52	-	22.29	0.00	3,487.23
MW - 12	02/24/14	**3,508.49**	-	20.63	0.00	3,487.86
MW - 12	05/07/14	3,508.49	-	20.51	0.00	3,487.98
MW - 12	07/22/14	3,508.49	-	21.12	0.00	3,487.37
MW - 12	08/16/14	3,508.49	-	21.20	0.00	3,487.29
MW - 12	10/27/14	3,508.49	-	19.80	0.00	3,488.69
MW - 12	11/11/14	3,508.49	-	19.73	0.00	3,488.76
MW - 12	02/12/15	3,508.49	-	19.96	0.00	3,488.53
MW - 12	03/09/15	3,508.49	-	19.95	0.00	3,488.54
MW - 12	04/04/15	3,508.49	-	19.93	0.00	3,488.56
MW - 12	05/18/15	3,508.49	-	19.64	0.00	3,488.85
MW - 12	06/18/15	3,508.49	-	21.04	0.00	3,487.45
MW - 12	07/03/15	3,508.49	-	19.61	0.00	3,488.88
MW - 12	08/17/15	3,508.49	-	20.10	0.00	3,488.39
MW - 12	09/24/15	3,508.49	-	20.19	0.00	3,488.30
MW - 12	10/23/15	3,508.49	-	19.98	0.00	3,488.51
MW - 12	11/12/15	3,508.49	-	19.82	0.00	3,488.67
MW - 12	12/10/15	3,508.49	-	19.84	0.00	3,488.65
MW - 12	01/08/16	3,508.49	-	19.79	0.00	3,488.70
MW - 12	02/04/16	3,508.49	-	19.76	0.00	3,488.73
MW - 12	03/10/16	3,508.49	-	19.68	0.00	3,488.81
MW - 12	04/26/16	3,508.49	-	19.61	0.00	3,488.88
MW - 12	05/04/16	3,508.49	-	19.62	0.00	3,488.87
MW - 12	06/28/16	3,508.49	-	19.80	0.00	3,488.69
MW - 12	07/12/16	3,508.49	-	20.02	0.00	3,488.47
MW - 12	08/24/16	3,508.49	-	20.31	0.00	3,488.18

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

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	02/13/20	3,508.49	-	19.64	0.00	3,488.85
MW - 12	05/11/20	3,508.49	-	19.41	0.00	3,489.08
MW - 12	06/26/20	3,508.49	-	19.94	0.00	3,488.55
MW - 12	07/22/20	3,508.49	-	20.16	0.00	3,488.33
MW - 12	08/28/20	3,508.49	-	20.32	0.00	3,488.17
MW - 12	09/15/20	3,508.49	-	20.37	0.00	3,488.12
MW - 12	10/29/20	3,508.49	-	20.49	0.00	3,488.00
MW - 12	11/17/20	3,508.49	-	20.50	0.00	3,487.99
MW - 12	12/23/20	3,508.49	-	20.51	0.00	3,487.98
MW - 12	01/27/21	3,508.49	-	20.47	0.00	3,488.02
MW - 12	03/18/21	3,508.49	-	20.39	0.00	3,488.10
MW - 12	04/12/21	3,508.49	-	20.36	0.00	3,488.13
MW - 12	06/02/21	3,508.49	-	20.33	0.00	3,488.16
MW - 12	07/06/21	3,508.49	-	20.44	0.00	3,488.05
MW - 12	09/02/21	3,508.49	-	20.57	0.00	3,487.92
MW - 12	10/15/21	3,508.49	-	20.63	0.00	3,487.86
MW - 12	11/09/21	3,508.49	-	20.68	0.00	3,487.81
MW - 12	01/07/22	3,508.49	-	20.71	0.00	3,487.78
MW - 12	02/07/22	3,508.49	-	20.69	0.00	3,487.80
MW - 12	03/11/22	3,508.49	-	20.70	0.00	3,487.79
MW - 12	04/05/22	3,508.49	-	20.66	0.00	3,487.83
MW - 12	06/16/22	3,508.49	-	20.90	0.00	3,487.59
MW - 12	07/28/22	3,508.49	-	21.15	0.00	3,487.34
MW - 12	12/21/22	3,508.49	-	20.75	0.00	3,487.74
MW - 12	02/16/23	3,508.49	-	20.66	0.00	3,487.83
MW - 12	05/31/23	3,508.49	-	20.21	0.00	3,488.28
MW - 12	08/10/23	3,508.49	-	21.26	0.00	3,487.23
MW - 12	11/08/23	3,508.49	-	20.93	0.00	3,487.56

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 suceeded. After the 1st quarter sampling event, the well became dry and was unable to sample the 2nd, 3rd, and 4th quarters.

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

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

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 1	02/14/13	**0.409**	<0.00500	0.585	0.210	
MW - 1	05/09/13	**0.467**	<0.00500	0.496	0.231	
MW - 1	08/08/13	**0.520**	<0.00500	0.645	0.261	
MW - 1	11/21/13	**0.475**	<0.00500	0.524	0.238	
MW - 1	02/24/14	**0.461**	<0.0500	0.582	0.193	
MW - 1	05/07/14	**0.410**	<0.0500	0.311	0.165	
MW - 1	08/16/14	**0.446**	<0.0500	0.553	0.266	
MW - 1	01/11/14	**0.380**	<0.0500	0.474	0.203	
MW - 1	02/12/15	**0.374**	<0.0500	0.455	0.230	
MW - 1	05/18/15	**0.287**	<0.0500	0.270	0.162	
MW - 1	08/17/15	**0.323**	<0.0500	0.130	0.163	
MW - 1	11/12/15	**0.342**	<0.0500	0.102	0.268	
MW - 1	02/04/16	**0.406**	<0.0500	0.190	0.225	
MW - 1	05/04/16	**0.433**	<0.0500	0.0825	0.195	
MW - 1	08/24/16	**0.417**	<0.0500	0.0823	0.230	
MW - 1	11/07/16	**0.660**	<0.0530	0.177	0.261	
MW - 1	02/08/17	**0.716**	<0.100	<0.100	<0.100	
MW - 1	05/10/17	**0.799**	<0.0100	0.0836	0.198	
MW - 1	08/15/17	**1.12**	<0.0100	0.174	0.2328	
MW - 1	11/09/17	**1.05**	0.00509	0.0641	0.0792	
MW - 1	02/08/18	**0.397**	0.00685	0.0426	0.04017	
MW - 1	05/03/18	**0.361**	0.00306	0.0435	0.0292	
MW - 1	08/22/18	**0.850**	<0.100	<0.0500	<0.200	
MW - 1	11/26/18	**0.309**	<0.0100	0.0748	0.0284	
MW - 1	02/06/19	**0.202**	0.00258	0.134	0.07138	
MW - 1	05/08/19	**0.304**	<0.00500	0.122	0.0452	
MW - 1	08/08/19	**0.285**	<0.00100	0.159	0.0563	
MW - 1	11/26/19	**0.207**	0.00129	0.114	0.0649	
MW - 1	02/13/20	**0.195**	0.00206	0.105	0.0623	
MW - 1	06/26/20	**0.160**	<0.00500	0.103	0.05611	
MW - 1	09/15/20	**0.154**	0.00469	0.107	0.05028	
MW - 1	11/17/20	**0.162**	0.00565	0.108	0.0299	
MW - 1	03/19/21	**0.245**	0.00526	0.0721	0.0585	
MW - 1	06/02/21	**0.201**	<0.00100	0.0639	0.0147	
MW - 1	09/02/21	**0.211**	0.00615	0.0587	0.02894	
MW - 1	11/10/21	**0.242**	0.00195	0.0530	0.0117	
MW - 1	02/08/22	**0.251**	0.00269	0.0448	0.00935	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 1	06/17/22	**0.260**	0.00285	0.0609	0.0109	
MW - 1	07/29/22	**0.205**	0.00162	0.0495	0.0137	
MW - 1	12/22/22	**0.162**	0.00150	0.0233	0.00986	
MW - 1	02/16/23	**0.169**	0.00275	0.0302	0.01711	
MW - 1	06/01/23	**0.254**	0.00381	0.0309	0.02108	
MW - 1	08/11/23	**0.169**	0.00439	0.0606	0.02547	
MW - 1	11/08/23	**0.172**	0.00230	0.0196	0.01414	
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	

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	02/09/11	**1.0800**	<0.0500	0.671	**1.2500**	
MW - 2	05/03/11	**0.5340**	<0.0500	0.143	<0.0500	
MW - 2	08/02/11	**0.7760**	<0.0500	0.455	**0.9280**	
MW - 2	11/21/11	**0.2820**	<0.005	0.171	0.0934	
MW - 2	02/13/12	**0.1570**	<0.005	0.0882	<0.005	
MW - 2	05/24/12	**0.1860**	<0.050	0.128	0.0986	
MW - 2	08/07/12	**1.1000**	<0.050	0.368	0.1050	
MW - 2	11/14/12	**0.4270**	<0.005	0.191	0.1100	
MW - 2	02/14/13	**0.475**	<0.0100	0.202	0.119	
MW - 2	05/09/13	**0.224**	<0.00500	0.101	0.0644	
MW - 2	08/08/13	**0.632**	<0.00500	0.241	0.150	
MW - 2	11/21/13	**0.360**	<0.00100	0.142	0.114	
MW - 2	02/24/14	**0.687**	<0.100	0.176	<0.300	
MW - 2	05/07/14	**0.319**	<0.0500	0.0937	<0.150	
MW - 2	08/16/14	**0.274**	<0.0500	<0.0500	<0.0500	
MW - 2	11/11/14	**0.434**	<0.0500	0.0963	0.0944	
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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 2	06/26/20	**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	
MW - 2	02/08/22	0.00942	<0.00100	<0.00100	<0.00200	
MW - 2	06/16/22	**0.0175**	<0.00100	0.00147	<0.00200	
MW - 2	07/29/22	**0.0128**	<0.00100	0.0129	0.00403	
MW - 2	12/22/22	**0.0127**	<0.00100	0.00707	0.00398	
MW - 2	02/16/23	0.00431	<0.00100	0.00131	<0.00200	
MW - 2	06/01/23	**0.0143**	<0.00100	<0.00100	<0.00200	
MW - 2	08/11/23	0.00241	<0.00100	0.00279	<0.00200	
MW - 2	11/08/23	0.00488	<0.00100	0.0226	0.00781	
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	

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	02/16/09	**0.522**	<0.005	0.2880	0.0654	
MW - 3	05/29/09	**4.010**	0.1222	**3.3800**	**2.6200**	
MW - 3	08/06/09	**0.645**	<0.0200	0.4330	0.3120	
MW - 3	11/10/09	**0.779**	<0.0200	0.2060	0.0529	
MW - 3	02/04/10	**0.323**	<0.0200	0.1100	0.0896	
MW - 3	05/06/10	**0.259**	<0.0100	0.0319	0.0545	
MW - 3	08/05/10	**0.289**	0.005	0.0611	0.0414	
MW - 3	11/04/10	**0.290**	0.0049	0.1550	0.0297	
MW - 3	02/09/11	**0.413**	0.0099	0.2150	<0.00100	
MW - 3	05/03/11	**0.425**	0.0029	0.1230	0.0297	
MW - 3	08/02/11	**0.378**	0.0082	0.1580	0.0453	
MW - 3	11/21/11	**0.110**	<0.005	0.0381	<0.005	
MW - 3	02/13/12	**0.027**	<0.005	<0.005	<0.005	
MW - 3	05/24/12	**0.065**	<0.001	0.0704	0.0407	
MW - 3	08/07/12	**0.393**	<0.050	0.1360	<0.050	
MW - 3	11/14/12	**0.160**	<0.005	0.4860	0.1270	
MW - 3	02/14/13	**0.274**	<0.00500	0.718	0.255	
MW - 3	05/09/13	**0.127**	<0.00500	0.191	0.0838	
MW - 3	08/08/13	**0.352**	<0.00500	0.086	0.0706	
MW - 3	11/21/13	**0.337**	0.00310	0.0652	0.0720	
MW - 3	02/24/14	**0.341**	<0.0500	<0.0500	<0.150	
MW - 3	05/07/14	**0.295**	<0.0500	0.0579	<0.150	
MW - 3	08/16/14	**0.403**	<0.0500	<0.0500	0.0643	
MW - 3	11/11/14	**0.372**	<0.0500	<0.0500	0.0754	
MW - 3	02/12/15	**0.244**	<0.0500	0.0699	0.0824	
MW - 3	05/18/15	**0.455**	<0.0500	<0.0500	0.0888	
MW - 3	08/17/15	**0.430**	<0.0500	<0.0500	0.0691	
MW - 3	11/12/15	**0.420**	<0.0500	<0.0500	0.1960	
MW - 3	02/04/16	**0.332**	<0.0500	0.0963	0.0540	
MW - 3	05/04/16	**0.318**	<0.0500	<0.0500	0.0987	
MW - 3	08/24/16	**0.151**	<0.0500	<0.0500	0.0359	
MW - 3	11/07/16	**0.398**	<0.0530	0.0768	0.109	
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	

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	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	
MW - 3	02/08/22	**0.840**	0.00138	0.00619	0.0118	
MW - 3	06/17/22	**1.33**	0.00184	0.00596	0.0126	
MW - 3	07/29/22	**0.664**	0.00154	0.0201	0.0225	
MW - 3	12/22/22	**1.23**	0.00211	0.00248	0.0213	
MW - 3	02/16/23	**0.570**	0.00297	0.0184	0.03037	
MW - 3	06/01/23	**1.08**	0.00174	0.00685	0.0128	
MW - 3	08/11/23	**0.587**	0.00535	<0.00500	0.0130	
MW - 3	11/08/23	**0.524**	0.0131	0.00830	0.05075	
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	

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	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				
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				

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	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	
MW-4A	02/08/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW-4A	06/16/22	0.00175	<0.00100	<0.00100	<0.00200	
MW-4A	07/29/22	0.00493	<0.00100	<0.00100	<0.00200	
MW-4A	12/22/22	0.00808	<0.00100	<0.00100	<0.00200	
MW-4A	02/16/23	0.00120	<0.00100	<0.00100	<0.00200	
MW-4A	06/01/23	**0.0198**	<0.00100	<0.00100	<0.00200	
MW-4A	08/11/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW-4A	11/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5	05/25/04	**0.1780**	0.0209	0.6540	**0.6390**	
MW - 5	07/26/04	**0.0934**	0.00204	0.4840	0.1143	
MW - 5	10/04/04	**0.0692**	<0.001	0.1990	0.0286	
MW - 5	12/17/04	**0.1400**	<0.001	0.2280	0.0090	

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	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	
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	

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	05/07/14	**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	
MW - 5A	11/09/21	0.00236	0.00153	0.00174	0.00673	
MW - 5A	02/08/22	0.00180	<0.00100	<0.00100	<0.00200	
MW - 5A	06/16/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5A	07/29/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5A	12/22/22	<0.00100	0.00113	0.00227	0.00900	

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	02/16/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5A	06/01/23	<0.00100	0.00149	0.00146	0.00130	
MW - 5A	08/11/23	<0.00100	0.00214	0.00335	0.00189	
MW - 5A	11/08/23	0.00162	0.00101	<0.00100	<0.00200	
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	

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	02/13/12	0.0068	<0.001	<0.001	<0.001	
MW - 6	05/24/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/07/12	0.0023	<0.001	<0.001	<0.001	
MW - 6	11/14/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/14/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	05/09/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	08/08/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	11/21/13	0.00170	<0.00100	<0.00100	<0.00300	
MW - 6	02/24/14	0.00690	<0.00100	<0.00100	<0.00300	
MW - 6	05/07/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 6	08/16/14	0.00300	<0.00100	<0.00100	<0.00100	
MW - 6	11/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	05/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	08/17/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/04/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	05/04/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	08/17/16	Plugged and Abandoned				
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	

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	11/17/20	**0.764**	0.00695	0.151	0.203	
MW - 6A	03/19/21	**0.329**	0.00915	0.115	0.23315	
MW - 6A	06/02/21	**1.22**	0.00306	0.125	0.159	
MW - 6A	09/02/21	**0.725**	0.00514	0.0752	0.145	
MW - 6A	11/10/21	**2.07**	0.00166	0.0382	0.142	
MW - 6A	02/08/22	**1.29**	0.00157	0.0632	0.130	
MW - 6A	06/17/22	**1.25**	0.00174	0.0431	0.0975	
MW - 6A	07/29/22	**1.11**	0.00186	0.155	0.132	
MW - 6A	12/22/22	**0.923**	0.00152	0.0270	0.103	
MW - 6A	02/16/23	**1.04**	0.00195	0.0299	0.116	
MW - 6A	06/01/23	**1.38**	0.00144	0.0249	0.0970	
MW - 6A	08/11/23	**1.05**	0.00236	0.0443	0.0812	
MW - 6A	11/08/23	**1.07**	<0.00500	0.0206	0.0772	
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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 7	11/10/09	**0.925**	<0.010	0.458	0.2590	
MW - 7	02/04/10	**0.994**	<0.010	0.505	0.3280	
MW - 7	05/06/10	**0.849**	<0.010	0.393	0.2610	
MW - 7	08/05/10	**0.608**	<0.0500	0.287	0.1720	
MW - 7	11/04/10	**0.975**	<0.001	0.499	0.6050	
MW - 7	02/09/11	**0.877**	<0.0100	0.410	0.3910	
MW - 7	05/03/11	**1.130**	<0.0500	0.383	0.2370	
MW - 7	08/02/11	**0.616**	<0.0500	0.337	**0.8970**	
MW - 7	11/21/11	**0.512**	<0.005	0.187	0.1600	
MW - 7	02/13/12	**0.539**	<0.005	0.200	0.2510	
MW - 7	05/24/12	**0.419**	<0.050	0.151	0.1420	
MW - 7	08/07/12	**1.060**	<0.050	0.515	0.4720	
MW - 7	11/14/12	**0.762**	<0.005	0.288	0.3030	
MW - 7	02/14/13	**0.610**	<0.01000	0.290	0.265	
MW - 7	05/09/13	**0.505**	<0.00500	0.211	0.155	
MW - 7	08/08/13	**0.590**	<0.00500	0.226	0.105	
MW - 7	11/21/13	**0.449**	<0.00500	0.190	0.0711	
MW - 7	02/24/14	**0.518**	<0.0500	0.165	<0.150	
MW - 7	05/07/14	**0.439**	<0.0500	0.146	<0.150	
MW - 7	08/16/14	**0.570**	<0.0500	0.259	0.0893	
MW - 7	11/11/14	**0.575**	<0.0500	0.310	0.0995	
MW - 7	02/12/15	**0.533**	<0.0500	0.247	0.1110	
MW - 7	05/18/15	**0.578**	<0.0500	0.278	0.0953	
MW - 7	08/17/15	**0.268**	<0.0500	0.0935	<0.0500	
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	

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	08/23/18	**0.472**	<0.100	0.0913	<0.200	
MW - 7A	11/26/18	**0.298**	<0.0100	<0.00500	<0.200	
MW - 7A	02/06/19	**0.564**	<0.0200	<0.0200	<0.0400	
MW - 7A	05/08/19	**0.554**	<0.00500	<0.00500	0.0254	
MW - 7A	08/08/19	**0.472**	<0.0100	<0.0100	<0.0200	
MW - 7A	11/26/19	**0.295**	0.00104	0.00401	0.00886	
MW - 7A	02/13/20	**0.962**	0.00200	0.0292	0.0611	
MW - 7A	06/26/20	**0.531**	<0.0250	0.0187	0.03390	
MW - 7A	09/15/20	**0.639**	0.00541	0.0142	0.02936	
MW - 7A	11/17/20	**0.395**	0.00635	0.00835	0.01224	
MW - 7A	03/19/21	**0.400**	0.0466	0.0331	0.1390	
MW - 7A	06/02/21	**0.357**	0.00293	0.0159	0.0327	
MW - 7A	09/02/21	**0.475**	0.00870	0.0242	0.07135	
MW - 7A	11/10/21	**0.377**	<0.00500	0.00970	0.0206	
MW - 7A	02/08/22	**0.477**	0.00449	0.0111	0.03544	
MW - 7A	06/17/22	**0.878**	0.00203	0.0194	0.0499	
MW - 7A	07/29/22	**0.774**	0.00150	0.0218	0.0512	
MW - 7A	12/22/22	**0.144**	0.00101	0.00125	0.00645	
MW - 7A	02/16/23	**0.307**	0.00504	0.00618	0.04119	
MW - 7A	06/01/23	**0.167**	0.00535	0.00723	0.0162	
MW - 7A	08/11/23	**0.268**	0.00800	0.00835	0.0197	
MW - 7A	11/08/23	**1.17**	0.0106	0.02560	0.0240	
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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

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

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	11/26/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 8	02/06/19	Not Sampled on Current Sample Schedule				
MW - 8	05/08/19	Not Sampled on Current Sample Schedule				
MW - 8	08/08/19	Not Sampled on Current Sample Schedule				
MW - 8	11/26/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 8	02/13/20	Not Sampled on Current Sample Schedule				
MW - 8	06/26/20	Not Sampled on Current Sample Schedule				
MW - 8	09/15/20	Not Sampled on Current Sample Schedule				
MW - 8	11/17/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 8	03/18/21	Not Sampled on Current Sample Schedule				
MW - 8	06/02/21	Not Sampled on Current Sample Schedule				
MW - 8	09/02/21	Not Sampled on Current Sample Schedule				
MW - 8	11/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 8	02/08/22	Not Sampled on Current Sample Schedule				
MW - 8	06/17/22	Not Sampled on Current Sample Schedule				
MW - 8	07/29/22	Not Sampled on Current Sample Schedule				
MW - 8	12/22/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 8	02/16/23	Not Sampled on Current Sample Schedule				
MW - 8	06/01/23	Not Sampled on Current Sample Schedule				
MW - 8	08/11/23	Not Sampled on Current Sample Schedule				
MW - 8	11/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	03/22/06	0.0024	0.00238	0.0033	0.0060	
MW - 9	05/23/06	0.0074	<0.001	0.0157	0.0085	
MW - 9	08/09/06	<0.001	<0.001	<0.001	<0.002	
MW - 9	11/27/06	<0.001	<0.001	<0.001	<0.002	
MW - 9	03/20/07	<0.001	<0.001	<0.001	<0.001	
MW - 9	06/04/07	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/22/07	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/29/07	<0.005	<0.005	<0.005	<0.005	
MW - 9	02/26/08	<0.001	<0.001	<0.001	<0.001	
MW - 9	05/22/08	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/27/08	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/20/08	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/16/09	Not Sampled on Current Sample Schedule				
MW - 9	05/29/09	0.0035	0.003	<0.001	<0.001	
MW - 9	08/06/09	<0.001	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 9	11/10/09	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/04/10	<0.001	<0.001	<0.001	<0.001	
MW - 9	05/06/10	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/05/10	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/04/10	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	05/03/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/02/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/21/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/13/12	<0.001	<0.001	<0.001	<0.001	
MW - 9	05/24/12	<0.001	<0.001	<0.001	<0.001	
MW - 9	08/07/12	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/14/12	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/14/13	Not Sampled on Current Sample Schedule				
MW - 9	05/09/13	Not Sampled on Current Sample Schedule				
MW - 9	08/08/13	Not Sampled on Current Sample Schedule				
MW - 9	11/21/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 9	02/24/14	Not Sampled on Current Sample Schedule				
MW - 9	05/07/14	Not Sampled on Current Sample Schedule				
MW - 9	08/06/14	Not Sampled on Current Sample Schedule				
MW - 9	11/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 9	02/12/15	Not Sampled on Current Sample Schedule				
MW - 9	05/18/15	Not Sampled on Current Sample Schedule				
MW - 9	08/17/15	Not Sampled on Current Sample Schedule				
MW - 9	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 9	02/04/16	Not Sampled on Current Sample Schedule				
MW - 9	05/04/16	Not Sampled on Current Sample Schedule				
MW - 9	08/24/16	Not Sampled on Current Sample Schedule				
MW - 9	11/07/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 9	02/08/17	Not Sampled on Current Sample Schedule				
MW - 9	05/10/17	Not Sampled on Current Sample Schedule				
MW - 9	08/15/17	Not Sampled on Current Sample Schedule				
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	

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	02/06/19	Not Sampled on Current Sample Schedule				
MW - 9	05/08/19	Not Sampled on Current Sample Schedule				
MW - 9	08/08/19	Not Sampled on Current Sample Schedule				
MW - 9	11/26/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	02/13/20	Not Sampled on Current Sample Schedule				
MW - 9	06/26/20	Not Sampled on Current Sample Schedule				
MW - 9	09/15/20	Not Sampled on Current Sample Schedule				
MW - 9	11/17/20	**0.0103**	<0.00100	<0.00100	<0.00200	
MW - 9	12/23/20	**0.0112**	<0.00100	<0.00100	<0.00200	
MW - 9	03/18/21	**0.0151**	<0.00100	<0.00100	<0.00200	
MW - 9	06/02/21	0.00535	<0.00100	<0.00100	<0.00200	
MW - 9	09/02/21	**0.0146**	<0.00100	<0.00100	<0.00200	
MW - 9	11/09/21	0.00395	<0.00100	<0.00100	<0.00200	
MW - 9	02/08/22	0.00184	<0.00100	<0.00100	<0.00200	
MW - 9	06/16/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	07/29/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	12/22/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	02/16/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	06/01/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	08/11/23	0.00211	<0.00100	<0.00100	<0.00200	
MW - 9	11/08/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	03/22/06	**1.7400**	0.204	**2.0900**	0.5970	
MW - 10	05/23/06	**0.0686**	<0.001	0.0829	0.0224	
MW - 10	08/09/06	**0.0957**	0.0106	0.6010	0.3670	
MW - 10	11/27/06	**0.0205**	<0.001	0.0232	0.0026	
MW - 10	03/20/07	**1.1000**	<0.001	0.0777	0.0072	
MW - 10	06/04/07	**0.0940**	<0.001	0.1650	0.0425	
MW - 10	08/22/07	**0.0937**	<0.001	0.0877	0.0163	
MW - 10	11/29/07	**0.0432**	<0.001	0.0266	0.0066	
MW - 10	02/26/08	**0.0840**	0.002	0.1710	0.0572	
MW - 10	05/22/08	**0.0536**	0.001	0.1160	0.0389	
MW - 10	08/28/08	**0.0302**	<0.001	0.0261	0.0079	
MW - 10	11/20/08	**0.0554**	<0.001	0.1120	0.0395	
MW - 10	02/16/09	**0.0917**	<0.001	0.0812	0.0256	
MW - 10	05/29/09	**0.1420**	<0.001	0.0920	0.0407	
MW - 10	08/06/09	**0.0944**	<0.001	0.0255	0.0181	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 10	11/10/09	**0.0272**	<0.001	0.0058	0.0019	
MW - 10	02/04/10	**0.2200**	<0.001	0.0644	0.0223	
MW - 10	05/06/10	**0.1650**	<0.001	0.1720	0.0611	
MW - 10	08/05/10	**0.0152**	<0.001	0.0116	0.0062	
MW - 10	11/04/10	**0.0398**	<0.001	0.1030	0.0361	
MW - 10	02/09/11	**0.0334**	<0.001	0.0566	0.0321	
MW - 10	05/03/11	**0.0265**	<0.001	0.0108	0.0034	
MW - 10	08/02/11	**0.1340**	<0.001	0.0136	0.0193	
MW - 10	11/21/11	**0.2520**	<0.001	0.0204	<0.001	
MW - 10	02/13/12	**0.2080**	<0.001	0.0172	0.0248	
MW - 10	05/24/12	**0.2690**	<0.050	<0.050	<0.050	
MW - 10	08/07/12	**0.5270**	<0.050	0.0857	<0.050	
MW - 10	11/14/12	**0.2440**	<0.005	<0.005	<0.005	
MW - 10	02/14/13	**0.256**	<0.00500	<0.00500	<0.00500	
MW - 10	05/09/13	**0.256**	<0.00500	<0.00500	<0.00500	
MW - 10	08/08/13	**0.300**	<0.00500	0.0719	0.0226	
MW - 10	11/21/13	**0.362**	<0.00100	0.0389	<0.00300	
MW - 10	02/24/14	**0.284**	<0.00100	0.0317	<0.00300	
MW - 10	05/07/14	**0.157**	<0.0500	<0.0500	<0.150	
MW - 10	08/16/14	**0.231**	<0.00100	0.0035	0.00130	
MW - 10	11/11/14	**<0.0200**	<0.0200	0.0216	<0.0200	
MW - 10	02/12/15	**0.0366**	<0.0200	0.0258	<0.0200	
MW - 10	05/18/15	**0.0154**	<0.00100	0.0520	0.0187	
MW - 10	08/17/15	**0.102**	<0.0500	<0.0500	<0.0500	
MW - 10	11/12/15	**0.104**	<0.0500	0.1250	0.1090	
MW - 10	02/04/16	**0.0827**	<0.00100	0.0257	0.0166	
MW - 10	05/04/16	**0.0737**	<0.00100	0.0214	0.0153	
MW - 10	08/24/16	**0.168**	<0.0500	0.0246	0.0396	
MW - 10	11/07/16	**0.0792**	<0.00100	0.0344	0.0240	
MW - 10	02/08/17	**0.0746**	<0.00200	0.0120	0.0132	
MW - 10	05/10/17	**0.113**	<0.00200	0.0232	0.0201	
MW - 10	08/15/17	**0.223**	<0.00200	0.0328	0.0221	
MW - 10	11/09/17	**0.203**	0.00237	0.0459	0.0226	
MW - 10	02/08/18	**0.119**	<0.00200	0.0302	0.0180	
MW - 10	05/03/18	**0.139**	<0.00200	0.0237	0.0151	
MW - 10	08/22/18	**0.0937**	<0.0100	0.00985	<0.0200	
MW - 10	11/26/18	**0.0616**	<0.0100	<0.00500	<0.0200	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 10	02/06/19	**0.0908**	<0.0200	<0.0200	<0.0400	
MW - 10	05/08/19	**0.0962**	<0.00100	0.00523	0.00677	
MW - 10	08/08/19	**0.0498**	<0.00100	0.00112	0.00201	
MW - 10	11/26/19	**0.0278**	<0.00100	0.00455	0.00329	
MW - 10	02/13/20	**0.0513**	<0.00100	0.00223	0.00426	
MW - 10	06/26/20	**0.0472**	<0.00500	0.00143	0.00348	
MW - 10	09/15/20	**0.0365**	0.00126	<0.00200	<0.00400	
MW - 10	11/17/20	**0.0783**	0.00121	<0.00100	0.00390	
MW - 10	03/19/21	**0.0656**	<0.00100	0.00220	0.0136	
MW - 10	06/02/21	**0.120**	<0.00100	<0.00100	0.0134	
MW - 10	09/02/21	**0.135**	0.00157	0.0152	0.0389	
MW - 10	11/09/21	**0.150**	<0.00100	0.00122	0.0151	
MW - 10	02/08/22	**0.188**	<0.00100	<0.00100	0.0156	
MW - 10	06/17/22	**0.146**	<0.00100	<0.00100	0.00774	
MW - 10	07/29/22	**0.144**	<0.00100	<0.00100	0.00967	
MW - 10	12/22/22	**0.105**	<0.00100	<0.00100	0.00267	
MW - 10	02/16/23	**0.103**	<0.00100	<0.00100	0.00213	
MW - 10	06/01/23	**0.132**	<0.00100	0.0121	0.0110	
MW - 10	08/11/23	**0.0693**	<0.00100	<0.00100	<0.00200	
MW - 10	11/08/23	**0.0719**	<0.00100	0.0014	0.00267	
MW - 11	08/22/07	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	11/29/07	<0.005	<0.005	<0.005	<0.00500	
MW - 11	02/26/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	05/22/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	08/27/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	11/20/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/16/09	Not Sampled				
MW - 11	05/29/09	<0.00100	<0.00100	0.0042	<0.00100	
MW - 11	08/06/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	11/10/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/04/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	05/06/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	08/05/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	11/04/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/09/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	05/03/11	<0.00100	<0.00100	<0.00100	<0.00100	

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	08/02/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	11/21/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/13/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	05/24/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	08/07/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	11/14/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/26/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	05/09/13	Monitor Well Damaged, could not sample				
MW - 11	08/08/13	Monitor Well Damaged, could not sample				
MW - 11	11/21/13	Monitor Well Damaged, could not sample				
MW - 11	02/04/14	Plugged and Abandoned				
MW - 11A	02/24/14	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
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	

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	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	
MW - 11A	11/09/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	02/08/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	06/16/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	07/28/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	12/22/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	02/16/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	06/01/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	08/11/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	11/08/23	<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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 12	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	
MW - 12	02/08/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	06/16/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	07/28/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	12/22/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	02/16/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	05/31/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	08/11/23	0.00150	<0.00100	<0.00100	<0.00200	
MW - 12	11/08/23	<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
NMOCD REFERENCE NUMBER 1R-0386

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
MW-1	03/20/07	<0.0002	<0.0002	0.0019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	**0.0026**	<0.0004	<0.0002	<0.0002	**0.0558**	---	---	0.0025
MW-1	11/20/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	**0.00216**	<0.000185	**0.00139**	<0.000185	**0.010**	**0.0303**	**0.00294**	0.00134
MW-1	11/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000843	<0.000184	0.00135	0.0101	0.00102	0.000547
MW-1	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	12/15/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00146**	<0.000184	**0.00143**	<0.000184	**0.00892**	**0.0180**	**0.00719**	0.00141
MW-1	11/15/12	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	**0.0187**	<0.000190	**0.0232**	<0.000190	**0.0268**	**0.1390**	**0.0471**	0.0165
MW-1	11/21/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.0611**	**0.0629**	**0.0436**	<0.000200
MW-1	11/11/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.044**	**0.0656**	**0.0142**	<0.000200
MW-1	11/12/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.608**	**1.07**	**0.181**	<0.000200
MW-1	11/07/16	<0.000200	<0.000200	<0.000200	<0.0000721	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-1	11/19/17	0.00267	<0.000166	<0.000166	**0.000232**	<0.000166	<0.000166	<0.000166	<0.000166	<0.000166	<0.000166	<0.000166	**0.00276**	<0.000166	**0.00230**	<0.000166	0.0119			0.00285
MW-1	11/26/18	<0.00010	0.00072	<0.00010	**0.00032**	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0027**	<0.00010	**0.0034**	<0.00010	**0.0795**			0.0028
MW-1	11/26/19	0.00046	0.00053	0.00040	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	**0.00060**	<0.000099	0.00020	**0.0056**	<0.000099	**0.0057**	0.00017	**0.115**			0.0051
MW-1	11/17/20	<0.000096	0.00027	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	**0.0028**	<0.000096	**0.0022**	<0.000096	**0.06633**			0.0030
MW-1	11/10/21	0.0039	0.00090	<0.00010	0.00016	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0055**	<0.00010	**0.0038**	<0.00010	**0.0324**			0.0052
MW-1	12/22/22	0.00053	0.0013	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0077**	<0.00010	**0.0081**	<0.00010	**0.0668**			-
MW-1	11/08/23	0.00069	0.00081	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0076**	<0.00010	**0.0068**	<0.00010	**0.073**	**0.0821**			<0.00010
MW-2	03/20/07	<0.0002	<0.0002	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	0.001	<0.0004	<0.0002	<0.0002	**0.0214**	---	---	0.0008
MW-2	11/20/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000383	<0.000185	0.000367	<0.000185	0.000269	0.00614	<0.000185	<0.000185
MW-2	11/10/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000833	0.00572	<0.000183	<0.000183
MW-2	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/11/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/12/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/07/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/09/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/26/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/09/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	12/22/22	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER
PLAINS MARKETING, L.P.
JUNCTION 34 TO LEA STATION
LEA COUNTY, NEW MEXICO
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-2	11/08/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	03/20/07	0.0166	<0.001	0.216	0.0067	0.0081	<0.001	<0.001	<0.002	**0.0315**	<0.001	0.0236	**0.148**	<0.002	<0.001	0.0246	0.417	---	---	0.111
MW-3	11/20/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000218	**0.00329**	<0.000183	**0.00263**	<0.000183	0.00547	**0.0366**	**0.00206**	0.00245
MW-3	11/10/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	**0.00193**	<0.000185	**0.00213**	<0.000185	0.000734	0.0214	<0.000185	0.00146
MW-3	11/04/10	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	**0.00508**	<0.000198	**0.00891**	0.00101	<0.000198	**0.0606**	<0.000198	0.00285
MW-3	12/15/11	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	**0.00180**	<0.000185	**0.00225**	<0.000185	0.00043	0.0167	<0.000185	0.0018
MW-3	11/15/12	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	**0.00472**	<0.000190	**0.00457**	<0.000190	**0.0410**	**0.0461**	**0.0291**	0.0044
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-3	12/22/22	0.00020	0.00041	<0.00010	0.00098	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0025**	<0.00010	**0.0042**	<0.00010	**0.05192**			-
MW-3	11/08/23	0.00049	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	**0.0034**	**0.0025**	**0.058**	**0.014**	0.00029			<0.00011
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.																		

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-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-4A	12/22/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4A	11/08/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	03/20/07	<0.0002	<0.0002	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	0.0006	<0.0004	<0.0002	<0.0002	0.0059	---	---	0.0006
MW-5	11/20/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000555	<0.000184	0.000788	<0.000184	<0.000184	0.0034	<0.000184	0.00086
MW-5	11/10/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-5	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/11/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/12/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	08/17/16	Plugged and Abandoned																		
MW-5A	11/07/16	<0.000200	<0.000200	<0.000200	<0.0000721	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-5A	11/09/17	<0.000167	<0.000167	<0.000167	<0.000167	<0.000167	<0.000167	<0.000167	<0.000167	<0.000167	<0.000167	<0.000167	0.000899	<0.000167	0.000625	<0.000167		0.000546		0.00270
MW-5A	11/26/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5A	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5A	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5A	11/09/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5A	12/22/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5A	11/08/23	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.																		

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-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
MW-6A	12/22/22	<0.00010	0.00021	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0023**	<0.00010	**0.0016**	<0.00010	**0.121**			-
MW-6A	11/08/23	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	**0.0035**	**0.038**	**0.0024**	<0.00011	<0.00011	0.00044	**0.029**			<0.00011
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-7A	12/22/22	<0.00010	0.00074	0.00094	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0044**	<0.00010	**0.0054**	<0.00010	**0.0329**			-
MW-7A	11/08/23	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0049**	<0.00010	<0.00010	**0.0046**	<0.00010	<0.00010	<0.00010	0.00054			0.0049
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

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-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-8	12/22/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/08/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	03/20/07	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	---	---	<0.0002
MW-9	11/20/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-9	11/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-9	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/11/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/12/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/07/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/09/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/26/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/09/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/22/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/08/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	03/20/07	<0.0002	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0005	<0.0002	<0.0002	<0.0002	0.0085	---	---	0.0005
MW-10	11/20/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000646	0.000828	0.000196	<0.000185
MW-10	11/10/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183

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-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-10	12/22/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/08/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	03/20/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11	11/20/08	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187
MW-11	11/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-11	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/11/14	Plugged and Abandoned February 4, 2014																		
MW-11A	11/11/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-11A	11/12/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-11A	11/07/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11A	11/09/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11A	11/26/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11A	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-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-11A	12/22/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11A	11/08/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/11/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200

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-12	11/12/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-12	11/07/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/09/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/26/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
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.																		
MW-12	12/22/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/08/23	Not Sampled as part of Quarterly Monitoring Event.																		

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

PBELAB

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: 3B17003

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 03/06/23

APPENDICES

APPENDIX A:
2023 Laboratory Analytical Reports

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

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-12	3B17003-01	Water	02/16/23 13:10	02-17-2023 09:09
MW-11A	3B17003-02	Water	02/16/23 13:44	02-17-2023 09:09
MW-5A	3B17003-03	Water	02/16/23 14:20	02-17-2023 09:09
MW-9	3B17003-04	Water	02/16/23 14:40	02-17-2023 09:09
MW-4A	3B17003-05	Water	02/16/23 15:08	02-17-2023 09:09
MW-2	3B17003-06	Water	02/16/23 15:30	02-17-2023 09:09
MW-10	3B17003-07	Water	02/16/23 15:56	02-17-2023 09:09
MW-7A	3B17003-08	Water	02/16/23 16:18	02-17-2023 09:09
MW-1	3B17003-09	Water	02/16/23 16:38	02-17-2023 09:09
MW-6A	3B17003-10	Water	02/16/23 16:58	02-17-2023 09:09
MW-3	3B17003-11	Water	02/16/23 17:35	02-17-2023 09:09

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

MW-12

3B17003-01 (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	P3B1701	02/17/23 10:52	02/17/23 19:39	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3B1701	02/17/23 10:52	02/17/23 19:39	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3B1701	02/17/23 10:52	02/17/23 19:39	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3B1701	02/17/23 10:52	02/17/23 19:39	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3B1701	02/17/23 10:52	02/17/23 19:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*91.5 %*	*80-120*		*P3B1701*	*02/17/23 10:52*	*02/17/23 19:39*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.0 %*	*80-120*		*P3B1701*	*02/17/23 10:52*	*02/17/23 19:39*	*EPA 8021B*	

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

MW-11A

3B17003-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3B1701	02/17/23 10:52	02/17/23 20:00	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3B1701	02/17/23 10:52	02/17/23 20:00	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3B1701	02/17/23 10:52	02/17/23 20:00	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3B1701	02/17/23 10:52	02/17/23 20:00	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3B1701	02/17/23 10:52	02/17/23 20:00	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*87.3 %*	*80-120*		*P3B1701*	*02/17/23 10:52*	*02/17/23 20:00*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.4 %*	*80-120*		*P3B1701*	*02/17/23 10:52*	*02/17/23 20:00*	*EPA 8021B*	

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

MW-5A

3B17003-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3B1701	02/17/23 10:52	02/17/23 20:22	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3B1701	02/17/23 10:52	02/17/23 20:22	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3B1701	02/17/23 10:52	02/17/23 20:22	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3B1701	02/17/23 10:52	02/17/23 20:22	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3B1701	02/17/23 10:52	02/17/23 20:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.9 %*	*80-120*		*P3B1701*	*02/17/23 10:52*	*02/17/23 20:22*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*92.2 %*	*80-120*		*P3B1701*	*02/17/23 10:52*	*02/17/23 20:22*	*EPA 8021B*	

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

MW-9

3B17003-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3B1701	02/17/23 10:52	02/17/23 20:43	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3B1701	02/17/23 10:52	02/17/23 20:43	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3B1701	02/17/23 10:52	02/17/23 20:43	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3B1701	02/17/23 10:52	02/17/23 20:43	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3B1701	02/17/23 10:52	02/17/23 20:43	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.0 %*	*80-120*		*P3B1701*	*02/17/23 10:52*	*02/17/23 20:43*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*93.9 %*	*80-120*		*P3B1701*	*02/17/23 10:52*	*02/17/23 20:43*	*EPA 8021B*	

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

MW-4A

3B17003-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	**0.00120**	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 12:59	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 12:59	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 12:59	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 12:59	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 12:59	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.0 %*	*80-120*		*P3B2102*	*02/21/23 09:41*	*02/21/23 12:59*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.8 %*	*80-120*		*P3B2102*	*02/21/23 09:41*	*02/21/23 12:59*	*EPA 8021B*	

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

MW-2

3B17003-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00431**	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 13:21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 13:21	EPA 8021B	
Ethylbenzene	**0.00131**	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 13:21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 13:21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 13:21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.4 %*	*80-120*		*P3B2102*	*02/21/23 09:41*	*02/21/23 13:21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.2 %*	*80-120*		*P3B2102*	*02/21/23 09:41*	*02/21/23 13:21*	*EPA 8021B*	

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

MW-10

3B17003-07 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.103**	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 13:42	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 13:42	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 13:42	EPA 8021B	
Xylene (p/m)	**0.00213**	0.00200	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 13:42	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 13:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.7 %*	*80-120*		*P3B2102*	*02/21/23 09:41*	*02/21/23 13:42*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.9 %*	*80-120*		*P3B2102*	*02/21/23 09:41*	*02/21/23 13:42*	*EPA 8021B*	

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

MW-7A

3B17003-08 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.307**	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 14:04	EPA 8021B	
Toluene	**0.00504**	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 14:04	EPA 8021B	
Ethylbenzene	**0.00618**	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 14:04	EPA 8021B	
Xylene (p/m)	**0.0370**	0.00200	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 14:04	EPA 8021B	
Xylene (o)	**0.00419**	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 14:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.2 %*	*80-120*		*P3B2102*	*02/21/23 09:41*	*02/21/23 14:04*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*91.9 %*	*80-120*		*P3B2102*	*02/21/23 09:41*	*02/21/23 14:04*	*EPA 8021B*	

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

MW-1

3B17003-09 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.169**	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 14:26	EPA 8021B	
Toluene	**0.00275**	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 14:26	EPA 8021B	
Ethylbenzene	**0.0302**	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 14:26	EPA 8021B	
Xylene (p/m)	**0.0152**	0.00200	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 14:26	EPA 8021B	
Xylene (o)	**0.00191**	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 14:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P3B2102*	*02/21/23 09:41*	*02/21/23 14:26*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.7 %*	*80-120*		*P3B2102*	*02/21/23 09:41*	*02/21/23 14:26*	*EPA 8021B*	

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

MW-6A

3B17003-10 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**1.04**	0.00500	mg/L	5	P3B2102	02/21/23 09:41	02/22/23 09:30	EPA 8021B	
Toluene	**0.00195**	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 14:47	EPA 8021B	
Ethylbenzene	**0.0299**	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 14:47	EPA 8021B	
Xylene (p/m)	**0.116**	0.00200	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 14:47	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 14:47	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.7 %*	*80-120*		*P3B2102*	*02/21/23 09:41*	*02/21/23 14:47*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.9 %*	*80-120*		*P3B2102*	*02/21/23 09:41*	*02/21/23 14:47*	*EPA 8021B*	

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

MW-3

3B17003-11 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.570**	0.00500	mg/L	5	P3B2102	02/21/23 09:41	02/22/23 09:51	EPA 8021B	
Toluene	**0.00297**	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 15:09	EPA 8021B	
Ethylbenzene	**0.0184**	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 15:09	EPA 8021B	
Xylene (p/m)	**0.0293**	0.00200	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 15:09	EPA 8021B	
Xylene (o)	**0.00107**	0.00100	mg/L	1	P3B2102	02/21/23 09:41	02/21/23 15:09	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.3 %*	*80-120*		*P3B2102*	*02/21/23 09:41*	*02/21/23 15:09*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.6 %*	*80-120*		*P3B2102*	*02/21/23 09:41*	*02/21/23 15:09*	*EPA 8021B*	

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

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3B1701 - * DEFAULT PREP *** **										
Blank (P3B1701-BLK1)				Prepared & Analyzed: 02/17/23						
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*		*96.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.120*		"	*0.120*		*100*	*80-120*			
LCS (P3B1701-BS1)				Prepared & Analyzed: 02/17/23						
Benzene	0.0832	0.00100	mg/L	0.100		83.2	80-120			
Toluene	0.0839	0.00100	"	0.100		83.9	80-120			
Ethylbenzene	0.0950	0.00100	"	0.100		95.0	80-120			
Xylene (p/m)	0.183	0.00200	"	0.200		91.7	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	*0.126*		"	*0.120*		*105*	*80-120*			
LCS Dup (P3B1701-BSD1)				Prepared & Analyzed: 02/17/23						
Benzene	0.0923	0.00100	mg/L	0.100		92.3	80-120	10.4	20	
Toluene	0.0910	0.00100	"	0.100		91.0	80-120	8.12	20	
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120	6.64	20	
Xylene (p/m)	0.195	0.00200	"	0.200		97.3	80-120	5.87	20	
Xylene (o)	0.0812	0.00100	"	0.100		81.2	80-120	0.197	20	
Surrogate: 4-Bromofluorobenzene	*0.116*		"	*0.120*		*97.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.131*		"	*0.120*		*109*	*80-120*			
Calibration Blank (P3B1701-CCB1)				Prepared & Analyzed: 02/17/23						
Benzene	0.160		ug/l							
Toluene	0.250		"							
Ethylbenzene	0.300		"							
Xylene (p/m)	0.990		"							
Xylene (o)	0.390		"							
Surrogate: 4-Bromofluorobenzene	*0.121*		"	*0.120*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.4*	*80-120*			

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

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3B1701 - * DEFAULT PREP *** **										
Calibration Blank (P3B1701-CCB2)				Prepared & Analyzed: 02/17/23						
Benzene	0.150		ug/l							
Toluene	0.220		"							
Ethylbenzene	0.370		"							
Xylene (p/m)	0.820		"							
Xylene (o)	0.380		"							
Surrogate: 4-Bromofluorobenzene	*0.112*		*"*	*0.120*		*93.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.6*	*80-120*			
Calibration Check (P3B1701-CCV1)				Prepared & Analyzed: 02/17/23						
Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120			
Xylene (p/m)	0.223	0.00200	"	0.200		111	80-120			
Xylene (o)	0.0932	0.00100	"	0.100		93.2	80-120			
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*106*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.130*		*"*	*0.120*		*108*	*80-120*			
Calibration Check (P3B1701-CCV2)				Prepared & Analyzed: 02/17/23						
Benzene	0.0835	0.00100	mg/L	0.100		83.5	80-120			
Toluene	0.0880	0.00100	"	0.100		88.0	80-120			
Ethylbenzene	0.0943	0.00100	"	0.100		94.3	80-120			
Xylene (p/m)	0.195	0.00200	"	0.200		97.4	80-120			
Xylene (o)	0.0820	0.00100	"	0.100		82.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.124*		*"*	*0.120*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.6*	*80-120*			
Calibration Check (P3B1701-CCV3)				Prepared & Analyzed: 02/17/23						
Benzene	0.0907	0.00100	mg/L	0.100		90.7	80-120			
Toluene	0.0928	0.00100	"	0.100		92.8	80-120			
Ethylbenzene	0.0950	0.00100	"	0.100		95.0	80-120			
Xylene (p/m)	0.196	0.00200	"	0.200		98.0	80-120			
Xylene (o)	0.0835	0.00100	"	0.100		83.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*94.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*98.9*	*80-120*			

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

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3B1701 - * DEFAULT PREP *** **										
Matrix Spike (P3B1701-MS1)	**Source: 3B15001-01**			Prepared & Analyzed: 02/17/23						
Benzene	0.0630	0.00100	mg/L	0.100	ND	63.0	80-120			QM-05
Toluene	0.0636	0.00100	"	0.100	ND	63.6	80-120			QM-05
Ethylbenzene	0.0704	0.00100	"	0.100	ND	70.4	80-120			QM-05
Xylene (p/m)	0.135	0.00200	"	0.200	ND	67.4	80-120			QM-05
Xylene (o)	0.0561	0.00100	"	0.100	ND	56.1	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*94.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*98.9*	*80-120*			
Matrix Spike Dup (P3B1701-MSD1)	**Source: 3B15001-01**			Prepared & Analyzed: 02/17/23						
Benzene	0.0718	0.00100	mg/L	0.100	ND	71.8	80-120	13.1	20	QM-05
Toluene	0.0734	0.00100	"	0.100	ND	73.4	80-120	14.3	20	QM-05
Ethylbenzene	0.0828	0.00100	"	0.100	ND	82.8	80-120	16.2	20	
Xylene (p/m)	0.160	0.00200	"	0.200	ND	79.8	80-120	16.7	20	QM-05
Xylene (o)	0.0660	0.00100	"	0.100	ND	66.0	80-120	16.3	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.7*	*80-120*			
Batch P3B2102 - * DEFAULT PREP *** **										
Blank (P3B2102-BLK1)				Prepared & Analyzed: 02/21/23						
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*		*94.9*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.2*	*80-120*			

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

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3B2102 - * DEFAULT PREP *** **										
LCS (P3B2102-BS1)				Prepared & Analyzed: 02/21/23						
Benzene	0.0820	0.00100	mg/L	0.100		82.0	80-120			
Toluene	0.0864	0.00100	"	0.100		86.4	80-120			
Ethylbenzene	0.0968	0.00100	"	0.100		96.8	80-120			
Xylene (p/m)	0.188	0.00200	"	0.200		94.2	80-120			
Xylene (o)	0.0886	0.00100	"	0.100		88.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.2*	*80-120*			
LCS Dup (P3B2102-BSD1)				Prepared & Analyzed: 02/21/23						
Benzene	0.0880	0.00100	mg/L	0.100		88.0	80-120	7.03	20	
Toluene	0.0919	0.00100	"	0.100		91.9	80-120	6.14	20	
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120	7.52	20	
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120	8.04	20	
Xylene (o)	0.0953	0.00100	"	0.100		95.3	80-120	7.31	20	
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*102*	*80-120*			
Calibration Blank (P3B2102-CCB1)				Prepared & Analyzed: 02/21/23						
Benzene	0.100		ug/l							
Toluene	0.200		"							
Ethylbenzene	0.260		"							
Xylene (p/m)	0.570		"							
Xylene (o)	0.340		"							
Surrogate: 4-Bromofluorobenzene	*0.116*		*"*	*0.120*		*96.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.2*	*80-120*			
Calibration Blank (P3B2102-CCB2)				Prepared & Analyzed: 02/21/23						
Benzene	0.360		ug/l							
Toluene	0.420		"							
Ethylbenzene	0.400		"							
Xylene (p/m)	0.810		"							
Xylene (o)	0.530		"							
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*95.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.7*	*80-120*			

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

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3B2102 - * DEFAULT PREP *** **										
Calibration Check (P3B2102-CCV1)				Prepared & Analyzed: 02/21/23						
Benzene	0.0885	0.00100	mg/L	0.100		88.5	80-120			
Toluene	0.0898	0.00100	"	0.100		89.8	80-120			
Ethylbenzene	0.0928	0.00100	"	0.100		92.8	80-120			
Xylene (p/m)	0.191	0.00200	"	0.200		95.7	80-120			
Xylene (o)	0.0896	0.00100	"	0.100		89.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.121*		"	*0.120*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.0*	*80-120*			
Calibration Check (P3B2102-CCV2)				Prepared & Analyzed: 02/21/23						
Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.5*	*80-120*			
Calibration Check (P3B2102-CCV3)				Prepared & Analyzed: 02/21/23						
Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.0962	0.00100	"	0.100		96.2	80-120			
Ethylbenzene	0.0995	0.00100	"	0.100		99.5	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		102	80-120			
Xylene (o)	0.0973	0.00100	"	0.100		97.3	80-120			
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.4*	*80-120*			
Matrix Spike (P3B2102-MS1)		**Source: 3B17003-05**		Prepared & Analyzed: 02/21/23						
Benzene	0.0756	0.00100	mg/L	0.100	0.00120	74.4	80-120			QM-05
Toluene	0.0752	0.00100	"	0.100	0.000620	74.5	80-120			QM-05
Ethylbenzene	0.0856	0.00100	"	0.100	ND	85.6	80-120			
Xylene (p/m)	0.165	0.00200	"	0.200	ND	82.7	80-120			
Xylene (o)	0.0754	0.00100	"	0.100	ND	75.4	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.119*		"	*0.120*		*98.9*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.4*	*80-120*			

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

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3B2102 - * DEFAULT PREP *** **										
Matrix Spike Dup (P3B2102-MSD1)		**Source: 3B17003-05**		Prepared & Analyzed: 02/21/23						
Benzene	0.0792	0.00100	mg/L	0.100	0.00120	78.0	80-120	4.68	20	QM-05
Toluene	0.0786	0.00100	"	0.100	0.000620	78.0	80-120	4.49	20	QM-05
Ethylbenzene	0.0899	0.00100	"	0.100	ND	89.9	80-120	4.84	20	
Xylene (p/m)	0.174	0.00200	"	0.200	ND	87.2	80-120	5.23	20	
Xylene (o)	0.0789	0.00100	"	0.100	ND	78.9	80-120	4.58	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.3*	*80-120*			

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

Notes and Definitions

ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
NPBEL C(	Chain of Custody was not generated at PBELAB
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 3/6/2023

Brent Barron, Laboratory Director/Technical Director

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

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Curt Stanley
Company Name: TRC
Company Address: 10 Desta Drive
City/State/Zip: Midland Tx 79705
Telephone No: (432) 520-7720
Fax No:
Sampler Signature: Manuel Herrera
e-mail:

Project Name: 34 J 6a
Project #:
Project Loc:
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 3B17003

Analyze For:
TCLP:
TOTAL:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH: TX 1005 TX 1006	Anions (Cl, SO4, Alkalinity)	BTEX 8021B/5030 or BTEX 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 h	Standard TAT
1	MW 12			2-16-23	1310		3	X		X						GW			X		X
2	MW 11A				1344																
3	MW 5A				1420																
4	MW 9				1440																
5	MW 4A				1508																
6	MW 2				1530																
7	MW 10				1556																
8	MW 7A				1618																
9	MW 1				1638																
10	MW 6A				1658																

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	2/17/23	9:09			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
			Trina Bledsoe	2/17/23	9:09

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 2.1 °C Thermometor: NCF
Adjusted: 2.1 °C Factor: 1.3

PBEL_COC_2021_1 Revision #: 2021_1 Effective Date: 9-21-21

Page __ of __

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Curt Stanley
Company Name: TRC
Company Address: 10 Desta Drive
City/State/Zip: Midland Tx 79705
Telephone No: (432) 520-7720 **Fax No:**
Sampler Signature: Noel Hernandez

Project Name: 34 J 6a
Project #:
Project Loc:
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES
e-mail:

(lab use only)
ORDER #: 3B17003

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: TX 1005	TX 1006	Anions (Cl, SO4, Alkalinity)	BTEX 8021B/5030 or BTEX 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 h	Standard TAT
11	MW 3			2-16-23	1735		3	X		X						GW						X		X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Munn	2-17-23	9:09			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: Tessa Bledsoe	Date	Time
				2/17/23	9:09

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N

by Sampler/Client Rep. ? by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 2.1 °C Thermometor: NF 13
Adjusted: °C Factor:

PBEL_COC_2021_1 Revision #: 2021_1 Effective Date: 9-21-21

Page __ of __

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

PBELAB

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: 3F07007

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 06/14/23

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

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-12	3F07007-01	Water	05/31/23 16:25	06-07-2023 09:03
MW-11A	3F07007-02	Water	06/01/23 10:37	06-07-2023 09:03
MW-5A	3F07007-03	Water	06/01/23 11:08	06-07-2023 09:03
MW-9	3F07007-04	Water	06/01/23 11:33	06-07-2023 09:03
MW-4A	3F07007-05	Water	06/01/23 12:01	06-07-2023 09:03
MW-2	3F07007-06	Water	06/01/23 12:23	06-07-2023 09:03
MW-10	3F07007-07	Water	06/01/23 13:05	06-07-2023 09:03
MW-1	3F07007-08	Water	06/01/23 13:28	06-07-2023 09:03
MW-7A	3F07007-09	Water	06/01/23 13:52	06-07-2023 09:03
MW-3	3F07007-10	Water	06/01/23 14:39	06-07-2023 09:03
MW-6A	3F07007-11	Water	06/01/23 15:12	06-07-2023 09:03

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

MW-12

3F07007-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 15:11	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 15:11	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 15:11	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 15:11	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 15:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.5 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/08/23 15:11*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.6 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/08/23 15:11*	*EPA 8021B*	

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

MW-11A

3F07007-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 15:32	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 15:32	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 15:32	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 15:32	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 15:32	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/08/23 15:32*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.7 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/08/23 15:32*	*EPA 8021B*	

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

MW-5A

3F07007-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 15:52	EPA 8021B	
Toluene	**0.00149**	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 15:52	EPA 8021B	
Ethylbenzene	**0.00146**	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 15:52	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 15:52	EPA 8021B	
Xylene (o)	**0.00130**	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 15:52	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/08/23 15:52*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*94.9 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/08/23 15:52*	*EPA 8021B*	

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

MW-9

3F07007-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 16:13	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 16:13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 16:13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 16:13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 16:13	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.9 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/08/23 16:13*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.7 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/08/23 16:13*	*EPA 8021B*	

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

MW-4A

3F07007-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0198**	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 16:34	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 16:34	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 16:34	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 16:34	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 16:34	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.6 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/08/23 16:34*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.4 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/08/23 16:34*	*EPA 8021B*	

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

MW-2

3F07007-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0143**	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 16:54	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 16:54	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 16:54	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 16:54	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 16:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.6 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/08/23 16:54*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.7 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/08/23 16:54*	*EPA 8021B*	

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

MW-10

3F07007-07 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.132**	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 17:15	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 17:15	EPA 8021B	
Ethylbenzene	**0.0121**	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 17:15	EPA 8021B	
Xylene (p/m)	**0.0110**	0.00200	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 17:15	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 17:15	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/08/23 17:15*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.3 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/08/23 17:15*	*EPA 8021B*	

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

MW-1

3F07007-08 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.254**	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 17:36	EPA 8021B	
Toluene	**0.00381**	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 17:36	EPA 8021B	
Ethylbenzene	**0.0309**	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 17:36	EPA 8021B	
Xylene (p/m)	**0.0181**	0.00200	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 17:36	EPA 8021B	
Xylene (o)	**0.00298**	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/08/23 17:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.0 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/08/23 17:36*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*93.3 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/08/23 17:36*	*EPA 8021B*	

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

MW-7A

3F07007-09 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.167**	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/09/23 10:06	EPA 8021B	
Toluene	**0.00535**	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/09/23 10:06	EPA 8021B	
Ethylbenzene	**0.00723**	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/09/23 10:06	EPA 8021B	
Xylene (p/m)	**0.0104**	0.00200	mg/L	1	P3F0803	06/08/23 11:03	06/09/23 10:06	EPA 8021B	
Xylene (o)	**0.00580**	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/09/23 10:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.4 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/09/23 10:06*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*90.6 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/09/23 10:06*	*EPA 8021B*	

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

MW-3

3F07007-10 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**1.08**	0.00500	mg/L	5	P3F0803	06/08/23 11:03	06/08/23 18:17	EPA 8021B	
Toluene	**0.00174**	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/09/23 10:27	EPA 8021B	
Ethylbenzene	**0.00685**	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/09/23 10:27	EPA 8021B	
Xylene (p/m)	**0.0128**	0.00200	mg/L	1	P3F0803	06/08/23 11:03	06/09/23 10:27	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/09/23 10:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.2 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/09/23 10:27*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.4 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/09/23 10:27*	*EPA 8021B*	

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

MW-6A

3F07007-11 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**1.38**	0.00500	mg/L	5	P3F0803	06/08/23 11:03	06/08/23 19:18	EPA 8021B	
Toluene	**0.00144**	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/09/23 10:48	EPA 8021B	
Ethylbenzene	**0.0249**	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/09/23 10:48	EPA 8021B	
Xylene (p/m)	**0.0970**	0.00200	mg/L	1	P3F0803	06/08/23 11:03	06/09/23 10:48	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3F0803	06/08/23 11:03	06/09/23 10:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*87.8 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/09/23 10:48*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.5 %*	*80-120*		*P3F0803*	*06/08/23 11:03*	*06/09/23 10:48*	*EPA 8021B*	

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

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3F0803 - * DEFAULT PREP *** **										
Blank (P3F0803-BLK1)				Prepared & Analyzed: 06/08/23						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.114*		*"*	*0.120*		*95.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.5*	*80-120*			
LCS (P3F0803-BS1)				Prepared & Analyzed: 06/08/23						
Benzene	0.120	0.00100	mg/L	0.100		120	80-120			
Toluene	0.0968	0.00100	"	0.100		96.8	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)	0.0921	0.00100	"	0.100		92.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*94.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.107*		*"*	*0.120*		*89.3*	*80-120*			
LCS Dup (P3F0803-BSD1)				Prepared & Analyzed: 06/08/23						
Benzene	0.119	0.00100	mg/L	0.100		119	80-120	0.410	20	
Toluene	0.0996	0.00100	"	0.100		99.6	80-120	2.87	20	
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120	3.65	20	
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120	2.32	20	
Xylene (o)	0.0927	0.00100	"	0.100		92.7	80-120	0.693	20	
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.120*		*91.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.108*		*"*	*0.120*		*89.6*	*80-120*			
Calibration Blank (P3F0803-CCB1)				Prepared & Analyzed: 06/08/23						
Benzene	0.00		ug/l							
Toluene	0.230		"							
Ethylbenzene	0.480		"							
Xylene (p/m)	0.970		"							
Xylene (o)	0.540		"							
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.9*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*97.0*	*80-120*			

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

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3F0803 - * DEFAULT PREP *** **										
Calibration Blank (P3F0803-CCB2)				Prepared & Analyzed: 06/08/23						
Benzene	0.150		ug/l							
Toluene	0.140		"							
Ethylbenzene	0.290		"							
Xylene (p/m)	0.630		"							
Xylene (o)	0.430		"							
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.0*	*80-120*			
Calibration Check (P3F0803-CCV1)				Prepared & Analyzed: 06/08/23						
Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.212	0.00200	"	0.200		106	80-120			
Xylene (o)	0.0968	0.00100	"	0.100		96.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.0*	*80-120*			
Calibration Check (P3F0803-CCV2)				Prepared & Analyzed: 06/08/23						
Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.0939	0.00100	"	0.100		93.9	80-120			
Ethylbenzene	0.0921	0.00100	"	0.100		92.1	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200		96.6	80-120			
Xylene (o)	0.0920	0.00100	"	0.100		92.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*94.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.111*		*"*	*0.120*		*92.5*	*80-120*			
Calibration Check (P3F0803-CCV3)				Prepared & Analyzed: 06/08/23						
Benzene	0.115	0.00100	mg/L	0.100		115	80-120			
Toluene	0.0925	0.00100	"	0.100		92.5	80-120			
Ethylbenzene	0.0897	0.00100	"	0.100		89.7	80-120			
Xylene (p/m)	0.187	0.00200	"	0.200		93.3	80-120			
Xylene (o)	0.0915	0.00100	"	0.100		91.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.124*		*"*	*0.120*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*98.8*	*80-120*			

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

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3F0803 - * DEFAULT PREP *** **										
Matrix Spike (P3F0803-MS1)	**Source: 3F07007-01**			Prepared & Analyzed: 06/08/23						
Benzene	0.139	0.00100	mg/L	0.100	ND	139	80-120			QM-05
Toluene	0.108	0.00100	"	0.100	ND	108	80-120			
Ethylbenzene	0.112	0.00100	"	0.100	ND	112	80-120			
Xylene (p/m)	0.222	0.00200	"	0.200	ND	111	80-120			
Xylene (o)	0.102	0.00100	"	0.100	ND	102	80-120			
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.6*	*80-120*			
Matrix Spike Dup (P3F0803-MSD1)	**Source: 3F07007-01**			Prepared & Analyzed: 06/08/23						
Benzene	0.137	0.00100	mg/L	0.100	ND	137	80-120	1.04	20	QM-05
Toluene	0.110	0.00100	"	0.100	ND	110	80-120	1.80	20	
Ethylbenzene	0.116	0.00100	"	0.100	ND	116	80-120	2.86	20	
Xylene (p/m)	0.229	0.00200	"	0.200	ND	114	80-120	3.02	20	
Xylene (o)	0.103	0.00100	"	0.100	ND	103	80-120	0.0585	20	
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.6*	*80-120*			

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

Notes and Definitions

ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
NPBEL C(	Chain of Custody was not generated at PBELAB
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 6/14/2023

Brent Barron, Laboratory Director/Technical Director

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

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager: Curt Stanley

Company Name: TRC Environmental Corporation

Company Address: 10 Desta Drive, Ste 130E

City/State/Zip: Midland TX 79705

Telephone No: (432) 520-7720 Fax No:

Sampler Signature:

e-mail: cdstanley@trccompanies.com, cjbryant@paalp.com, khudgens@paalp.com, mgreen@trccompanies.com

Project Name: 34 Junction to Lea Station

Project #: SRS: 34 Junction to Lea Station

Project Loc: Lea County, NM

PO #:

Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)

ORDER #: 3F07007

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW= Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate bvy E300	COD by SM 5310	TOTAL: Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-12			5-31	1625	1	3	X		3						GW						X		X
2	MW-11A			6-1	1037	1	3	X		3						GW						X		X
3	MW-5A				1108	1	3	X		3						GW						X		X
4	MW-9				1133	1	3	X		3						GW						X		X
5	MW-4A				1201	1	3	X		3						GW						X		X
6	MW-2				1223	1	3	X		3						GW						X		X
7	MW-10				1305	1	3	X		3						GW						X		X
8	MW-1				1328	1	3	X		3						GW						X		X
9	MW-7A				1352	1	3	X		3						GW						X		X

Special Instructions:

BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	6-7-23	0903			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				6/7/23	9:03

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:

Received: 5.5 °C

Adjusted: °C Factor

NCF 3

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701
Phone: 432-686-7235

Page 1 of 1

Project Manager: Curt Stanley
Company Name: TRC Environmental Corporation
Company Address: 10 Desta Drive, Ste 130E
City/State/Zip: Midland TX 79705
Telephone No: (432) 520-7720
Fax No:
Sampler Signature:
e-mail: cdstanley@trccompanies.com, cjbryant@paalp.com, khudgens@paalp.com, mgreen@trccompanies.com

Project Name: 34 Junction to Lea Station
Project #: SRS: 34 Junction to Lea Station
Project Loc: Lea County, NM
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 3F07007

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate by E300	COD by SM 5310	TOTAL: Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
10	MW-3			6-1	1439	1	3	X		3						GW						X		X
11	MW-6A			6-1	1512	1	3	X		3						GW						X		X

Special Instructions:
BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	6-7-23	0903			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
			Dana Bledsoe	6/7/23	9:03

Laboratory Comments:

Sample Containers Intact?	X	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		

Temperature Upon Receipt:
Received: 5.5 °C
Adjusted: °C Factor
NF. L3

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

PBELAB

Analytical Report

Prepared for:

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

Project: 34 Junction to Lea
Project Number: 2002-10286
Location: Lea County, NM

Lab Order Number: 3H11009

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 08/18/23

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

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-12	3H11009-01	Water	08/11/23 07:30	08-11-2023 14:00
MW-11A	3H11009-02	Water	08/11/23 08:00	08-11-2023 14:00
MW-5A	3H11009-03	Water	08/11/23 08:25	08-11-2023 14:00
MW-9	3H11009-04	Water	08/11/23 09:00	08-11-2023 14:00
MW-2	3H11009-05	Water	08/11/23 09:45	08-11-2023 14:00
MW-4A	3H11009-06	Water	08/11/23 10:05	08-11-2023 14:00
MW-10	3H11009-07	Water	08/11/23 10:40	08-11-2023 14:00
MW-7A	3H11009-08	Water	08/11/23 10:20	08-11-2023 14:00
MW-1	3H11009-09	Water	08/11/23 10:12	08-11-2023 14:00
MW-3	3H11009-10	Water	08/11/23 09:45	08-11-2023 14:00
MW-6A	3H11009-11	Water	08/11/23 10:45	08-11-2023 14:00

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

MW-12

3H11009-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00150**	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 13:22	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 13:22	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 13:22	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 13:22	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 13:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*147 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/16/23 13:22*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*86.3 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/16/23 13:22*	*EPA 8021B*	

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

MW-11A

3H11009-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 13:45	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 13:45	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 13:45	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 13:45	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 13:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*152 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/16/23 13:45*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*86.6 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/16/23 13:45*	*EPA 8021B*	

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

MW-5A

3H11009-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 15:20	EPA 8021B	
Toluene	**0.00214**	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 15:20	EPA 8021B	
Ethylbenzene	**0.00335**	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 15:20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 15:20	EPA 8021B	
Xylene (o)	**0.00189**	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 15:20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*165 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/16/23 15:20*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*86.6 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/16/23 15:20*	*EPA 8021B*	

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

MW-9

3H11009-04 (Water)

Permian Basin Environmental Lab, L.P.

Organics by GC

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**0.00211**	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 15:41	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 15:41	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 15:41	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 15:41	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 15:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*169 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/16/23 15:41*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*90.6 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/16/23 15:41*	*EPA 8021B*	

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

MW-2

3H11009-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00241**	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 16:02	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 16:02	EPA 8021B	
Ethylbenzene	**0.00279**	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 16:02	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 16:02	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 16:02	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*163 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/16/23 16:02*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*86.9 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/16/23 16:02*	*EPA 8021B*	

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

MW-4A

3H11009-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 16:23	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 16:23	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 16:23	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 16:23	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/16/23 16:23	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*163 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/16/23 16:23*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*89.2 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/16/23 16:23*	*EPA 8021B*	

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

MW-10

3H11009-07 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0693**	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/17/23 11:52	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/17/23 11:52	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/17/23 11:52	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3H1513	08/15/23 15:40	08/17/23 11:52	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/17/23 11:52	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*165 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/17/23 11:52*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*88.5 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/17/23 11:52*	*EPA 8021B*	

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

MW-7A

3H11009-08 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.268**	0.00500	mg/L	5	P3H1513	08/15/23 15:40	08/17/23 09:02	EPA 8021B	
Toluene	**0.00800**	0.00500	mg/L	5	P3H1513	08/15/23 15:40	08/17/23 09:02	EPA 8021B	
Ethylbenzene	**0.00835**	0.00500	mg/L	5	P3H1513	08/15/23 15:40	08/17/23 09:02	EPA 8021B	
Xylene (p/m)	**0.0197**	0.0100	mg/L	5	P3H1513	08/15/23 15:40	08/17/23 09:02	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	5	P3H1513	08/15/23 15:40	08/17/23 09:02	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*161 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/17/23 09:02*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*86.8 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/17/23 09:02*	*EPA 8021B*	

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

MW-1

3H11009-09 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.169**	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/17/23 09:22	EPA 8021B	
Toluene	**0.00439**	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/17/23 09:22	EPA 8021B	
Ethylbenzene	**0.0606**	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/17/23 09:22	EPA 8021B	
Xylene (p/m)	**0.0236**	0.00200	mg/L	1	P3H1513	08/15/23 15:40	08/17/23 09:22	EPA 8021B	
Xylene (o)	**0.00187**	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/17/23 09:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*167 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/17/23 09:22*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*87.7 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/17/23 09:22*	*EPA 8021B*	

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

MW-3

3H11009-10 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.587**	0.00500	mg/L	5	P3H1513	08/15/23 15:40	08/17/23 09:43	EPA 8021B	
Toluene	**0.00535**	0.00500	mg/L	5	P3H1513	08/15/23 15:40	08/17/23 09:43	EPA 8021B	
Ethylbenzene	ND	0.00500	mg/L	5	P3H1513	08/15/23 15:40	08/17/23 09:43	EPA 8021B	
Xylene (p/m)	**0.0130**	0.0100	mg/L	5	P3H1513	08/15/23 15:40	08/17/23 09:43	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	5	P3H1513	08/15/23 15:40	08/17/23 09:43	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*150 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/17/23 09:43*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*84.7 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/17/23 09:43*	*EPA 8021B*	

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

MW-6A

3H11009-11 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**1.05**	0.00500	mg/L	5	P3H1513	08/15/23 15:40	08/17/23 10:08	EPA 8021B	
Toluene	**0.00236**	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/17/23 12:17	EPA 8021B	
Ethylbenzene	**0.0443**	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/17/23 12:17	EPA 8021B	
Xylene (p/m)	**0.0812**	0.00200	mg/L	1	P3H1513	08/15/23 15:40	08/17/23 12:17	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3H1513	08/15/23 15:40	08/17/23 12:17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*140 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/17/23 12:17*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*85.2 %*	*80-120*		*P3H1513*	*08/15/23 15:40*	*08/17/23 12:17*	*EPA 8021B*	

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

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3H1513 - * DEFAULT PREP *** **										
Blank (P3H1513-BLK1)				Prepared: 08/15/23 Analyzed: 08/16/23						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	0.00106	0.00100	"							B
Surrogate: 4-Bromofluorobenzene	*0.210*		*"*	*0.120*		*175*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.106*		*"*	*0.120*		*88.5*	*80-120*			
LCS (P3H1513-BS1)				Prepared: 08/15/23 Analyzed: 08/16/23						
Benzene	0.0946	0.00100	mg/L	0.100		94.6	80-120			
Toluene	0.0988	0.00100	"	0.100		98.8	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200		116	80-120			
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 4-Bromofluorobenzene	*0.226*		*"*	*0.120*		*188*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.109*		*"*	*0.120*		*90.8*	*80-120*			
LCS Dup (P3H1513-BSD1)				Prepared: 08/15/23 Analyzed: 08/16/23						
Benzene	0.0969	0.00100	mg/L	0.100		96.9	80-120	2.39	20	
Toluene	0.0984	0.00100	"	0.100		98.4	80-120	0.375	20	
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120	0.154	20	
Xylene (p/m)	0.229	0.00200	"	0.200		114	80-120	1.89	20	
Xylene (o)	0.105	0.00100	"	0.100		105	80-120	11.7	20	
Surrogate: 4-Bromofluorobenzene	*0.215*		*"*	*0.120*		*179*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.109*		*"*	*0.120*		*90.6*	*80-120*			
Calibration Blank (P3H1513-CCB1)				Prepared & Analyzed: 08/15/23						
Benzene	0.240		ug/l							
Toluene	0.380		"							
Ethylbenzene	0.510		"							
Xylene (p/m)	1.13		"							
Xylene (o)	0.690		"							
Surrogate: 4-Bromofluorobenzene	*0.210*		*"*	*0.120*		*175*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.107*		*"*	*0.120*		*88.9*	*80-120*			

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

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3H1513 - * DEFAULT PREP *** **										
Calibration Blank (P3H1513-CCB2)				Prepared: 08/15/23 Analyzed: 08/16/23						
Benzene	0.360		ug/l							
Toluene	0.340		"							
Ethylbenzene	0.580		"							
Xylene (p/m)	1.16		"							
Xylene (o)	0.660		"							
Surrogate: 4-Bromofluorobenzene	*0.193*		*"*	*0.120*		*161*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.105*		*"*	*0.120*		*87.8*	*80-120*			
Calibration Check (P3H1513-CCV1)				Prepared & Analyzed: 08/15/23						
Benzene	0.0881	0.00100	mg/L	0.100		88.1	80-120			
Toluene	0.0927	0.00100	"	0.100		92.7	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	*0.200*		*"*	*0.120*		*167*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.110*		*"*	*0.120*		*91.8*	*80-120*			
Calibration Check (P3H1513-CCV2)				Prepared: 08/15/23 Analyzed: 08/16/23						
Benzene	0.0948	0.00100	mg/L	0.100		94.8	80-120			
Toluene	0.0913	0.00100	"	0.100		91.3	80-120			
Ethylbenzene	0.0995	0.00100	"	0.100		99.5	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	*0.184*		*"*	*0.120*		*153*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.108*		*"*	*0.120*		*90.0*	*80-120*			
Calibration Check (P3H1513-CCV3)				Prepared: 08/15/23 Analyzed: 08/17/23						
Benzene	0.0980	0.00100	mg/L	0.100		98.0	80-120			
Toluene	0.0954	0.00100	"	0.100		95.4	80-120			
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	*0.203*		*"*	*0.120*		*169*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.108*		*"*	*0.120*		*90.0*	*80-120*			

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

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3H1513 - * DEFAULT PREP *** **										
Matrix Spike (P3H1513-MS1)	**Source: 3H15014-02**			Prepared: 08/15/23 Analyzed: 08/17/23						
Benzene	0.0992	0.00100	mg/L	0.100	ND	99.2	80-120			
Toluene	0.0879	0.00100	"	0.100	ND	87.9	80-120			
Ethylbenzene	0.101	0.00100	"	0.100	ND	101	80-120			
Xylene (p/m)	0.198	0.00200	"	0.200	ND	99.2	80-120			
Xylene (o)	0.0955	0.00100	"	0.100	ND	95.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.192*		"	*0.120*		*160*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.108*		"	*0.120*		*90.0*	*80-120*			
Matrix Spike Dup (P3H1513-MSD1)	**Source: 3H15014-02**			Prepared: 08/15/23 Analyzed: 08/17/23						
Benzene	0.0993	0.00100	mg/L	0.100	ND	99.3	80-120	0.101	20	
Toluene	0.0931	0.00100	"	0.100	ND	93.1	80-120	5.75	20	
Ethylbenzene	0.109	0.00100	"	0.100	ND	109	80-120	6.71	20	
Xylene (p/m)	0.212	0.00200	"	0.200	ND	106	80-120	6.74	20	
Xylene (o)	0.101	0.00100	"	0.100	ND	101	80-120	6.05	20	
Surrogate: 4-Bromofluorobenzene	*0.202*		"	*0.120*		*168*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.107*		"	*0.120*		*88.9*	*80-120*			

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

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
B	Analyte is found in the associated blank as well as in the sample (CLP B-flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 8/18/2023

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager: Curt Stanley

Company Name: TRC Environmental Corporation

Company Address: 10 Desta Drive, Ste 130E

City/State/Zip: Midland TX 79705

Telephone No: (432) 520-7720 Fax No:

Sampler Signature:

e-mail: cdstanley@trccompanies.com, cjbryant@paalp.com, khudgens@paalp.com, mgreen@trccompanies.com

Project Name: 34 Junction to Lea Station

Project #: SRS: 2002-10286

Project Loc: Lea County, NM

PO #:

Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only) ORDER #: 3H11009

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate bvy E300	COD by SM 5310	TCLP:	TOTAL: Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-12			8/11/23	730	1	3	X		3						GW							X		X
2	MW-11A				800	1	3	X		3						GW							X		X
3	MW-5A				825	1	3	X		3						GW							X		X
4	MW-9				900	1	3	X		3						GW							X		X
5	MW-2				945	1	3	X		3						GW							X		X
6	MW-4A				1005	1	3	X		3						GW							X		X
7	MW-10				1040	1	3	X		3						GW							X		X
8	MW-7A				1020	1	3	X		3						GW							X		X
9	MW-1				1012	1	3	X		3						GW							X		X

Special Instructions:

BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
	8-11-23				
	8/11/23				
	8/11/23		Received by PBEL:	8/11/23	14:00

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: °C
Adjusted: 4.7 °C Factor

L3 CFO

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager: Curt Stanley

Company Name: TRC Environmental Corporation

Company Address: 10 Desta Drive, Ste 130E

City/State/Zip: Midland TX 79705

Telephone No: (432) 520-7720 Fax No:

Sampler Signature:

e-mail: cdstanley@trccompanies.com, cjbryant@paalp.com, khudgens@paalp.com, mgreen@trccompanies.com

Project Name: 34 Junction to Lea Station

Project #: SRS: 2002-10286

Project Loc: Lea County, NM

PO #:

Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 3H11009

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TOTAL: TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate bvy E300	COD by SM 5310	Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
10	MW-3			8/11/23	945	1	3	X		3						GW						X		X
11	MW-6A			↓	1045	1	3	X		3						GW						X		X

Special Instructions:
BILL TO PLAINS

	Date	Time		Date	Time
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:	8/11/23	1700	Received by PBEL:	8/11/23	14:00

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 4.7 °C
Adjusted: °C Factor

LB CFO

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

PBELAB

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: 3K10001

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 11/17/23

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

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	3K10001-01	Water	11/08/23 15:19	11-10-2023 08:30
MW-3	3K10001-02	Water	11/08/23 16:17	11-10-2023 08:30
MW-6A	3K10001-03	Water	11/08/23 16:42	11-10-2023 08:30
MW-7A	3K10001-04	Water	11/08/23 15:46	11-10-2023 08:30

Low Level PAH analysis was subcontracted to ALS Houston. Their report is attached after the Chain of Custody. Their TCEQ TNI certification number can be found here:
https://www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/labs/als_svcs_houston.pdf

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

MW-1

3K10001-01 (Water)

Permian Basin Environmental Lab, L.P.

PAH compounds by Semivolatile GCMS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1-Methylnaphthalene	**0.073**	0.010	mg/L	1	P3K1702	11/13/23 11:00	11/14/23 12:31	8270C	SUB-13
2-Methylnaphthalene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 15:48	8270C	SUB-13
Acenaphthene	**0.00069**	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 15:48	8270C	SUB-13
Acenaphthylene	**0.00081**	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 15:48	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 15:48	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 15:48	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 15:48	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 15:48	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 15:48	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 15:48	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 15:48	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 15:48	8270C	SUB-13
Dibenzofuran	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 15:48	8270C	SUB-13
Fluoranthene	**0.0076**	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 15:48	8270C	SUB-13
Fluorene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 15:48	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	**0.0068**	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 15:48	8270C	SUB-13
Naphthalene	**0.0091**	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 15:48	8270C	SUB-13
Phenanthrene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 15:48	8270C	SUB-13
Pyrene	**0.073**	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/14/23 12:51	8270C	SUB-13

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

MW-3

3K10001-02 (Water)

Permian Basin Environmental Lab, L.P.

PAH compounds by Semivolatile GCMS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1-Methylnaphthalene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:08	8270C	SUB-13
2-Methylnaphthalene	**0.00029**	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:08	8270C	SUB-13
Acenaphthene	**0.00049**	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:08	8270C	SUB-13
Acenaphthylene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:08	8270C	SUB-13
Anthracene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:08	8270C	SUB-13
Benzo (a) anthracene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:08	8270C	SUB-13
Benzo (a) pyrene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:08	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:08	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:08	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:08	8270C	SUB-13
Chrysene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:08	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:08	8270C	SUB-13
Dibenzofuran	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:08	8270C	SUB-13
Fluoranthene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:08	8270C	SUB-13
Fluorene	**0.0034**	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:08	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	**0.0025**	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:08	8270C	SUB-13
Naphthalene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:08	8270C	SUB-13
Phenanthrene	**0.058**	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/14/23 13:12	8270C	SUB-13
Pyrene	**0.014**	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/14/23 13:12	8270C	SUB-13

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

MW-6A

3K10001-03 (Water)

Permian Basin Environmental Lab, L.P.

PAH compounds by Semivolatile GCMS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1-Methylnaphthalene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:28	8270C	SUB-13
2-Methylnaphthalene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:28	8270C	SUB-13
Acenaphthene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:28	8270C	SUB-13
Acenaphthylene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:28	8270C	SUB-13
Anthracene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:28	8270C	SUB-13
Benzo (a) anthracene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:28	8270C	SUB-13
Benzo (a) pyrene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:28	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:28	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:28	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:28	8270C	SUB-13
Chrysene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:28	8270C	SUB-13
Dibenzo (a,h) anthracene	**0.0035**	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:28	8270C	SUB-13
Dibenzofuran	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:28	8270C	SUB-13
Fluoranthene	**0.038**	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/14/23 13:12	8270C	SUB-13
Fluorene	**0.0024**	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:28	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:28	8270C	SUB-13
Naphthalene	**0.029**	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/14/23 13:53	8270C	SUB-13
Phenanthrene	ND	0.0011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:49	8270C	SUB-13
Pyrene	**0.00044**	0.00011	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:49	8270C	SUB-13

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

MW-7A

3K10001-04 (Water)

Permian Basin Environmental Lab, L.P.

PAH compounds by Semivolatile GCMS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1-Methylnaphthalene	**0.00054**	0.00021	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:49	8270C	SUB-13
2-Methylnaphthalene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:49	8270C	SUB-13
Acenaphthene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:49	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:49	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:49	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:49	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:49	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:49	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:49	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:49	8270C	SUB-13
Chrysene	**0.0049**	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:49	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:49	8270C	SUB-13
Dibenzofuran	**0.0049**	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:49	8270C	SUB-13
Fluoranthene	**0.0046**	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:49	8270C	SUB-13
Fluorene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/13/23 16:49	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/17/23 09:22	8270C	SUB-13
Naphthalene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/17/23 09:22	8270C	SUB-13
Phenanthrene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/17/23 09:22	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P3K1702	11/13/23 11:00	11/17/23 09:22	8270C	SUB-13

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

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

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

Notes and Definitions

SUB-13	Subcontract of analyte/analysis to ALS Houston.
ROI	Received on Ice
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
NPBEL C(	Chain of Custody was not generated at PBELAB
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 11/17/2023

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Curt Stanley
Company Name: TRC Environmental Corporation
Company Address: 10 Desta Drive, Ste 130E
City/State/Zip: Midland TX 79705
Telephone No: (432) 520-7720
Fax No:
Sampler Signature:
e-mail: cdstanley@trccompanies.com, cjbryant@paalp.com, khudgens@paalp.com, mgreen@trccompanies.com

Project Name: 34 Junction to Lea Station
Project #: SRS: 2002-10286
Project Loc: Lea County, NM
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 3K10001

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate bvy E300	COD by SM 5310	Total BTEX by 8260	PAH BY 8270	TCLP:	TOTAL:	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-1			11-8-23	1519		3	X								GW							X				X
2	MW-3				1617		3	X								GW							X				X
3	MW-6A				1642		3	X								GW							X				X
4	MW-7A				1546		3	X								GW							X				X

Special Instructions:
BILL TO PLAINS

	Date	Time		Date	Time
Relinquished by: Manny	11-10-23	6830	Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by PBEL:	11/10/23	8:30

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 4.9 °C
Adjusted: 4.9 °C Factor NCF

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Brent Barron
Company Name: PBEL
Company Address: 1400 Rankin HWY
City/State/Zip: Midland Texas 79701
Telephone No: 432-661-4184
Fax No:
Sampler Signature: N/A
e-mail: brentbarron@pbelab.com

Project Name: SUBCONTRACT
Project #:
Project Loc:
PO #:
Report Format: X Standard ☐ TRRP ☐ NPDES

ORDER #:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	$Na_2S_2O_3$	VOA AMBER UNPRESERVED	NONE	Matrix: DW=Drinking Water SL=Sludge / GW = Groundwater S=Soil/Solid / NP=Non-Potable Specify Other	Analyze For:	24 HOUR RUSH	STANDARD
	3K10001-01			11/8/2023	15:19		3	X						X		W	X	X	
	3K10001-02			11/8/2023	16:17		3	X						X		W	X	X	
	3K10001-03			11/8/2023	16:42		3	X						X		W	X	X	
	3K10001-04			11/8/2023	15:46		3	X						X		W	X	X	

SPECIAL INSTRUCTIONS:

Relinquished by:	Date	Time	Received by:	Date	Time
Brent Barron					
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier?	UPS DHL	FedEx Lone Star
Temperature Upon Receipt:		
Received:	°C	
Adjusted:	°C Factor	

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

November 14, 2023

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

Work Order: **HS23110823**

Laboratory Results for: **3K10001**

Dear Brent Barron,

ALS Environmental received 4 sample(s) on Nov 11, 2023 for the analysis presented in the following report.

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

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

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

Sincerely,

Generated By: JUMOKE.LAWAL
Anna Kinchen
Project Manager

ALS Houston, US Date: 14-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K10001
Work Order: HS23110823

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23110823-01	3K10001-01	Water		08-Nov-2023 15:19	11-Nov-2023 08:40	☐
HS23110823-02	3K10001-02	Water		08-Nov-2023 16:17	11-Nov-2023 08:40	☐
HS23110823-03	3K10001-03	Water		08-Nov-2023 16:42	11-Nov-2023 08:40	☐
HS23110823-04	3K10001-04	Water		08-Nov-2023 15:46	11-Nov-2023 08:40	☐

ALS Houston, US Date: 14-Nov-23

Client: Permian Basin Environmental Lab, LP **CASE NARRATIVE**
Project: 3K10001
Work Order: HS23110823

GCMS Semivolatiles by Method SW8270

Batch ID: 203436

Sample ID: 3K10001-01 (HS23110823-01)

- The surrogate recoveries could not be determined due to dilution below the calibration range.

Sample ID: 3K10001-02 (HS23110823-02)

- The surrogate recoveries could not be determined due to dilution below the calibration range.

Sample ID: 3K10001-04 (HS23110823-04)

- The surrogate recoveries could not be determined due to dilution below the calibration range.

Sample ID: LCSD-203436

- LCSD RPD was above the upper control limit. The individual recoveries were in control. (Acenaphthene)

ALS Houston, US Date: 14-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K10001
Sample ID: 3K10001-01
Collection Date: 08-Nov-2023 15:19

ANALYTICAL REPORT
WorkOrder:HS23110823
Lab ID:HS23110823-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D	**Method:SW8270**			Prep:SW3511 / 13-Nov-2023		Analyst: MBG
1-Methylnaphthalene	**73.4**	n	**10.2**	**ug/L**	100	14-Nov-2023 12:31
2-Methylnaphthalene	ND		0.102	ug/L	1	13-Nov-2023 15:48
Acenaphthene	**0.685**		**0.102**	**ug/L**	1	13-Nov-2023 15:48
Acenaphthylene	**0.814**		**0.102**	**ug/L**	1	13-Nov-2023 15:48
Anthracene	ND		0.102	ug/L	1	13-Nov-2023 15:48
Benz(a)anthracene	ND		0.102	ug/L	1	13-Nov-2023 15:48
Benzo(a)pyrene	ND		0.102	ug/L	1	13-Nov-2023 15:48
Benzo(b)fluoranthene	ND		0.102	ug/L	1	13-Nov-2023 15:48
Benzo(g,h,i)perylene	ND		0.102	ug/L	1	13-Nov-2023 15:48
Benzo(k)fluoranthene	ND		0.102	ug/L	1	13-Nov-2023 15:48
Chrysene	ND		0.102	ug/L	1	13-Nov-2023 15:48
Dibenz(a,h)anthracene	ND		0.102	ug/L	1	13-Nov-2023 15:48
Fluoranthene	ND		0.102	ug/L	1	13-Nov-2023 15:48
Fluorene	**7.63**		**0.102**	**ug/L**	1	13-Nov-2023 15:48
Indeno(1,2,3-cd)pyrene	ND		0.102	ug/L	1	13-Nov-2023 15:48
Naphthalene	**6.84**		**0.102**	**ug/L**	1	13-Nov-2023 15:48
Phenanthrene	**9.10**		**0.102**	**ug/L**	1	13-Nov-2023 15:48
Pyrene	ND		0.102	ug/L	1	13-Nov-2023 15:48
Surr: 2-Fluorobiphenyl	*115*		*32-130*	*%REC*	*1*	*13-Nov-2023 15:48*
Surr: 2-Fluorobiphenyl	*0*	*JS*	*32-130*	*%REC*	*100*	*14-Nov-2023 12:31*
Surr: 4-Terphenyl-d14	*0*	*JS*	*40-135*	*%REC*	*100*	*14-Nov-2023 12:31*
Surr: 4-Terphenyl-d14	*90.3*		*40-135*	*%REC*	*1*	*13-Nov-2023 15:48*
Surr: Nitrobenzene-d5	*103*		*45-142*	*%REC*	*1*	*13-Nov-2023 15:48*
Surr: Nitrobenzene-d5	*0*	*JS*	*45-142*	*%REC*	*100*	*14-Nov-2023 12:31*

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

ALS Houston, US Date: 14-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K10001
Sample ID: 3K10001-02
Collection Date: 08-Nov-2023 16:17

ANALYTICAL REPORT
WorkOrder:HS23110823
Lab ID:HS23110823-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D	**Method:SW8270**			Prep:SW3511 / 13-Nov-2023		Analyst: MBG
1-Methylnaphthalene	**73.1**	n	**10.5**	**ug/L**	100	14-Nov-2023 12:51
2-Methylnaphthalene	ND		0.105	ug/L	1	13-Nov-2023 16:08
Acenaphthene	**0.292**		**0.105**	**ug/L**	1	13-Nov-2023 16:08
Acenaphthylene	**0.492**		**0.105**	**ug/L**	1	13-Nov-2023 16:08
Anthracene	ND		0.105	ug/L	1	13-Nov-2023 16:08
Benz(a)anthracene	ND		0.105	ug/L	1	13-Nov-2023 16:08
Benzo(a)pyrene	ND		0.105	ug/L	1	13-Nov-2023 16:08
Benzo(b)fluoranthene	ND		0.105	ug/L	1	13-Nov-2023 16:08
Benzo(g,h,i)perylene	ND		0.105	ug/L	1	13-Nov-2023 16:08
Benzo(k)fluoranthene	ND		0.105	ug/L	1	13-Nov-2023 16:08
Chrysene	ND		0.105	ug/L	1	13-Nov-2023 16:08
Dibenz(a,h)anthracene	ND		0.105	ug/L	1	13-Nov-2023 16:08
Fluoranthene	ND		0.105	ug/L	1	13-Nov-2023 16:08
Fluorene	ND		0.105	ug/L	1	13-Nov-2023 16:08
Indeno(1,2,3-cd)pyrene	ND		0.105	ug/L	1	13-Nov-2023 16:08
Naphthalene	**3.36**		**0.105**	**ug/L**	1	13-Nov-2023 16:08
Phenanthrene	**2.47**		**0.105**	**ug/L**	1	13-Nov-2023 16:08
Pyrene	ND		0.105	ug/L	1	13-Nov-2023 16:08
Surr: 2-Fluorobiphenyl	*116*		*32-130*	*%REC*	*1*	*13-Nov-2023 16:08*
Surr: 2-Fluorobiphenyl	*0*	*JS*	*32-130*	*%REC*	*100*	*14-Nov-2023 12:51*
Surr: 4-Terphenyl-d14	*0*	*JS*	*40-135*	*%REC*	*100*	*14-Nov-2023 12:51*
Surr: 4-Terphenyl-d14	*101*		*40-135*	*%REC*	*1*	*13-Nov-2023 16:08*
Surr: Nitrobenzene-d5	*0*	*JS*	*45-142*	*%REC*	*100*	*14-Nov-2023 12:51*
Surr: Nitrobenzene-d5	*70.6*		*45-142*	*%REC*	*1*	*13-Nov-2023 16:08*

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

ALS Houston, US Date: 14-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K10001
Sample ID: 3K10001-03
Collection Date: 08-Nov-2023 16:42

ANALYTICAL REPORT
WorkOrder:HS23110823
Lab ID:HS23110823-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D	**Method:SW8270**			Prep:SW3511 / 13-Nov-2023		Analyst: MBG
1-Methylnaphthalene	**57.7**	n	**1.05**	**ug/L**	10	14-Nov-2023 13:12
2-Methylnaphthalene	**14.4**		**1.05**	**ug/L**	10	14-Nov-2023 13:12
Acenaphthene	ND		0.105	ug/L	1	13-Nov-2023 16:28
Acenaphthylene	ND		0.105	ug/L	1	13-Nov-2023 16:28
Anthracene	ND		0.105	ug/L	1	13-Nov-2023 16:28
Benz(a)anthracene	ND		0.105	ug/L	1	13-Nov-2023 16:28
Benzo(a)pyrene	ND		0.105	ug/L	1	13-Nov-2023 16:28
Benzo(b)fluoranthene	ND		0.105	ug/L	1	13-Nov-2023 16:28
Benzo(g,h,i)perylene	ND		0.105	ug/L	1	13-Nov-2023 16:28
Benzo(k)fluoranthene	ND		0.105	ug/L	1	13-Nov-2023 16:28
Chrysene	ND		0.105	ug/L	1	13-Nov-2023 16:28
Dibenz(a,h)anthracene	ND		0.105	ug/L	1	13-Nov-2023 16:28
Fluoranthene	ND		0.105	ug/L	1	13-Nov-2023 16:28
Fluorene	**3.51**		**0.105**	**ug/L**	1	13-Nov-2023 16:28
Indeno(1,2,3-cd)pyrene	ND		0.105	ug/L	1	13-Nov-2023 16:28
Naphthalene	**38.3**		**1.05**	**ug/L**	10	14-Nov-2023 13:12
Phenanthrene	**2.40**		**0.105**	**ug/L**	1	13-Nov-2023 16:28
Pyrene	ND		0.105	ug/L	1	13-Nov-2023 16:28
Surr: 2-Fluorobiphenyl	*110*		*32-130*	*%REC*	*1*	*13-Nov-2023 16:28*
Surr: 2-Fluorobiphenyl	*120*		*32-130*	*%REC*	*10*	*14-Nov-2023 13:12*
Surr: 4-Terphenyl-d14	*92.6*		*40-135*	*%REC*	*10*	*14-Nov-2023 13:12*
Surr: 4-Terphenyl-d14	*113*		*40-135*	*%REC*	*1*	*13-Nov-2023 16:28*
Surr: Nitrobenzene-d5	*99.8*		*45-142*	*%REC*	*1*	*13-Nov-2023 16:28*
Surr: Nitrobenzene-d5	*96.2*		*45-142*	*%REC*	*10*	*14-Nov-2023 13:12*

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

ALS Houston, US Date: 14-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K10001
Sample ID: 3K10001-04
Collection Date: 08-Nov-2023 15:46

ANALYTICAL REPORT
WorkOrder:HS23110823
Lab ID:HS23110823-04
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D	**Method:SW8270**			Prep:SW3511 / 13-Nov-2023		Analyst: MBG
1-Methylnaphthalene	**28.9**	n	**2.06**	**ug/L**	20	14-Nov-2023 13:53
2-Methylnaphthalene	ND		0.103	ug/L	1	13-Nov-2023 16:49
Acenaphthene	**0.438**		**0.103**	**ug/L**	1	13-Nov-2023 16:49
Acenaphthylene	**0.538**		**0.103**	**ug/L**	1	13-Nov-2023 16:49
Anthracene	ND		0.103	ug/L	1	13-Nov-2023 16:49
Benz(a)anthracene	ND		0.103	ug/L	1	13-Nov-2023 16:49
Benzo(a)pyrene	ND		0.103	ug/L	1	13-Nov-2023 16:49
Benzo(b)fluoranthene	ND		0.103	ug/L	1	13-Nov-2023 16:49
Benzo(g,h,i)perylene	ND		0.103	ug/L	1	13-Nov-2023 16:49
Benzo(k)fluoranthene	ND		0.103	ug/L	1	13-Nov-2023 16:49
Chrysene	ND		0.103	ug/L	1	13-Nov-2023 16:49
Dibenz(a,h)anthracene	ND		0.103	ug/L	1	13-Nov-2023 16:49
Fluoranthene	ND		0.103	ug/L	1	13-Nov-2023 16:49
Fluorene	**4.90**		**0.103**	**ug/L**	1	13-Nov-2023 16:49
Indeno(1,2,3-cd)pyrene	ND		0.103	ug/L	1	13-Nov-2023 16:49
Naphthalene	**4.91**		**0.103**	**ug/L**	1	13-Nov-2023 16:49
Phenanthrene	**4.62**		**0.103**	**ug/L**	1	13-Nov-2023 16:49
Pyrene	ND		0.103	ug/L	1	13-Nov-2023 16:49
Surr: 2-Fluorobiphenyl	*0*	*JS*	*32-130*	*%REC*	*20*	*14-Nov-2023 13:53*
Surr: 2-Fluorobiphenyl	*103*		*32-130*	*%REC*	*1*	*13-Nov-2023 16:49*
Surr: 4-Terphenyl-d14	*0*	*JS*	*40-135*	*%REC*	*20*	*14-Nov-2023 13:53*
Surr: 4-Terphenyl-d14	*81.8*		*40-135*	*%REC*	*1*	*13-Nov-2023 16:49*
Surr: Nitrobenzene-d5	*127*		*45-142*	*%REC*	*1*	*13-Nov-2023 16:49*
Surr: Nitrobenzene-d5	*0*	*JS*	*45-142*	*%REC*	*20*	*14-Nov-2023 13:53*

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

ALS Houston, US

Date: 14-Nov-23

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 3K10001
WorkOrder: HS23110823

Batch ID: 203436 **Start Date:** 13 Nov 2023 11:00 **End Date:** 13 Nov 2023 11:00
Method: SW3511 **Prep Code:** 3511_PAH

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23110823-01		32.38 (mL)	2 (mL)	0.06177	40 mL Amber
HS23110823-02		31.32 (mL)	2 (mL)	0.06386	40 mL Amber
HS23110823-03		31.42 (mL)	2 (mL)	0.06365	40 mL Amber
HS23110823-04		31.98 (mL)	2 (mL)	0.06254	40 mL Amber

ALS Houston, US Date: 14-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K10001
WorkOrder: HS23110823

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 203436 (0)	**Test Name :** LOW-LEVEL PAHS - 8270D				**Matrix:** Water	
HS23110823-01	3K10001-01	08 Nov 2023 15:19		13 Nov 2023 11:00	14 Nov 2023 12:31	100
HS23110823-01	3K10001-01	08 Nov 2023 15:19		13 Nov 2023 11:00	13 Nov 2023 15:48	1
HS23110823-02	3K10001-02	08 Nov 2023 16:17		13 Nov 2023 11:00	14 Nov 2023 12:51	100
HS23110823-02	3K10001-02	08 Nov 2023 16:17		13 Nov 2023 11:00	13 Nov 2023 16:08	1
HS23110823-03	3K10001-03	08 Nov 2023 16:42		13 Nov 2023 11:00	14 Nov 2023 13:12	10
HS23110823-03	3K10001-03	08 Nov 2023 16:42		13 Nov 2023 11:00	13 Nov 2023 16:28	1
HS23110823-04	3K10001-04	08 Nov 2023 15:46		13 Nov 2023 11:00	14 Nov 2023 13:53	20
HS23110823-04	3K10001-04	08 Nov 2023 15:46		13 Nov 2023 11:00	13 Nov 2023 16:49	1

ALS Houston, US Date: 14-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K10001
WorkOrder: HS23110823

QC BATCH REPORT

Batch ID: 203436 (0) **Instrument: SV-6** **Method: LOW-LEVEL PAHS - 8270D**

MBLK Sample ID: **MBLK-203436** Units: **ug/L** Analysis Date: **13-Nov-2023 14:47**
Client ID: Run ID: **SV-6_451757** SeqNo: **7673212** PrepDate: **13-Nov-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	ND	0.100							
2-Methylnaphthalene	ND	0.100							
Acenaphthene	ND	0.100							
Acenaphthylene	ND	0.100							
Anthracene	ND	0.100							
Benz(a)anthracene	ND	0.100							
Benzo(a)pyrene	ND	0.100							
Benzo(b)fluoranthene	ND	0.100							
Benzo(g,h,i)perylene	ND	0.100							
Benzo(k)fluoranthene	ND	0.100							
Chrysene	ND	0.100							
Dibenz(a,h)anthracene	ND	0.100							
Fluoranthene	ND	0.100							
Fluorene	ND	0.100							
Indeno(1,2,3-cd)pyrene	ND	0.100							
Naphthalene	ND	0.100							
Phenanthrene	ND	0.100							
Pyrene	ND	0.100							
Surr: 2-Fluorobiphenyl	*3.809*	*0.100*	*3.03*	*0*	*126*	*32 - 130*			
Surr: 4-Terphenyl-d14	*3.425*	*0.100*	*3.03*	*0*	*113*	*40 - 135*			
Surr: Nitrobenzene-d5	*2.837*	*0.100*	*3.03*	*0*	*93.6*	*45 - 142*			

ALS Houston, US Date: 14-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K10001
WorkOrder: HS23110823

QC BATCH REPORT

Batch ID: 203436 (0) **Instrument: SV-6** **Method: LOW-LEVEL PAHS - 8270D**

LCS Sample ID: **LCS-203436** Units: **ug/L** Analysis Date: **13-Nov-2023 15:07**
Client ID: Run ID: **SV-6_451757** SeqNo: **7673213** PrepDate: **13-Nov-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	3.886	0.100	3.03	0	128	40 - 140			
2-Methylnaphthalene	2.514	0.100	3.03	0	83.0	40 - 140			
Acenaphthene	3.59	0.100	3.03	0	118	40 - 140			
Acenaphthylene	3.156	0.100	3.03	0	104	40 - 140			
Anthracene	3.759	0.100	3.03	0	124	40 - 140			
Benz(a)anthracene	2.615	0.100	3.03	0	86.3	40 - 140			
Benzo(a)pyrene	3.846	0.100	3.03	0	127	40 - 140			
Benzo(b)fluoranthene	2.808	0.100	3.03	0	92.7	40 - 140			
Benzo(g,h,i)perylene	3.936	0.100	3.03	0	130	40 - 140			
Benzo(k)fluoranthene	3.346	0.100	3.03	0	110	40 - 140			
Chrysene	3.795	0.100	3.03	0	125	40 - 140			
Dibenz(a,h)anthracene	3.858	0.100	3.03	0	127	40 - 140			
Fluoranthene	3.693	0.100	3.03	0	122	40 - 140			
Fluorene	3.287	0.100	3.03	0	108	40 - 140			
Indeno(1,2,3-cd)pyrene	3.992	0.100	3.03	0	132	40 - 140			
Naphthalene	3.079	0.100	3.03	0	102	40 - 140			
Phenanthrene	2.445	0.100	3.03	0	80.7	40 - 140			
Pyrene	3.068	0.100	3.03	0	101	40 - 140			
Surr: 2-Fluorobiphenyl	*3.111*	*0.100*	*3.03*	*0*	*103*	*32 - 130*			
Surr: 4-Terphenyl-d14	*3.101*	*0.100*	*3.03*	*0*	*102*	*40 - 135*			
Surr: Nitrobenzene-d5	*2.302*	*0.100*	*3.03*	*0*	*76.0*	*45 - 142*			

ALS Houston, US Date: 14-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K10001
WorkOrder: HS23110823

QC BATCH REPORT

Batch ID: 203436 (0) **Instrument: SV-6** **Method: LOW-LEVEL PAHS - 8270D**

LCSD Sample ID: **LCSD-203436** Units: **ug/L** Analysis Date: **13-Nov-2023 15:27**
Client ID: Run ID: **SV-6_451757** SeqNo: **7673214** PrepDate: **13-Nov-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.337	0.100	3.03	0	110	40 - 140	3.886	15.2	25	
2-Methylnaphthalene	2.298	0.100	3.03	0	75.9	40 - 140	2.514	8.96	25	
Acenaphthene	2.771	0.100	3.03	0	91.4	40 - 140	3.59	25.8	25	R
Acenaphthylene	2.673	0.100	3.03	0	88.2	40 - 140	3.156	16.6	25	
Anthracene	3.664	0.100	3.03	0	121	40 - 140	3.759	2.57	25	
Benz(a)anthracene	3.018	0.100	3.03	0	99.6	40 - 140	2.615	14.3	25	
Benzo(a)pyrene	3.373	0.100	3.03	0	111	40 - 140	3.846	13.1	25	
Benzo(b)fluoranthene	2.749	0.100	3.03	0	90.7	40 - 140	2.808	2.12	25	
Benzo(g,h,i)perylene	3.765	0.100	3.03	0	124	40 - 140	3.936	4.45	25	
Benzo(k)fluoranthene	3.258	0.100	3.03	0	108	40 - 140	3.346	2.66	25	
Chrysene	3.888	0.100	3.03	0	128	40 - 140	3.795	2.43	25	
Dibenz(a,h)anthracene	3.963	0.100	3.03	0	131	40 - 140	3.858	2.68	25	
Fluoranthene	3.962	0.100	3.03	0	131	40 - 140	3.693	7.02	25	
Fluorene	2.733	0.100	3.03	0	90.2	40 - 140	3.287	18.4	25	
Indeno(1,2,3-cd)pyrene	3.484	0.100	3.03	0	115	40 - 140	3.992	13.6	25	
Naphthalene	3.07	0.100	3.03	0	101	40 - 140	3.079	0.282	25	
Phenanthrene	2.235	0.100	3.03	0	73.8	40 - 140	2.445	8.98	25	
Pyrene	3.024	0.100	3.03	0	99.8	40 - 140	3.068	1.44	25	
Surr: 2-Fluorobiphenyl	*2.396*	*0.100*	*3.03*	*0*	*79.1*	*32 - 130*	*3.111*	*26*	*25*	R
Surr: 4-Terphenyl-d14	*3.211*	*0.100*	*3.03*	*0*	*106*	*40 - 135*	*3.101*	*3.47*	*25*	
Surr: Nitrobenzene-d5	*3.14*	*0.100*	*3.03*	*0*	*104*	*45 - 142*	*2.302*	*30.8*	*25*	R

The following samples were analyzed in this batch: HS23110823-01 HS23110823-02 HS23110823-03 HS23110823-04

ALS Houston, US Date: 14-Nov-23

Client: Permian Basin Environmental Lab, LP
Project: 3K10001
WorkOrder: **HS23110823**

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 Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

ALS Houston, US Date: 14-Nov-23

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	88-00356	27-Mar-2024
California	2919; 2024	30-Apr-2024
Dept of Defense	L23-358	31-May-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Louisiana	03087 2023-2024	30-Jun-2024
Maryland	343; 2023-2024	30-Jun-2024
North Carolina	624-2023	31-Dec-2023
North Dakota	R-193 2023-2024	30-Apr-2024
Oklahoma	2023-140	31-Aug-2024
Texas	T104704231-23-31	30-Apr-2024
Utah	TX026932023-14	31-Jul-2024

ALS Houston, US Date: 14-Nov-23

Sample Receipt Checklist

Work Order ID: HS23110823 **Date/Time Received:** 11-Nov-2023 08:40

Client Name: Permian Basin Lab **Received by:** Paresh M. Giga

Completed By: /S/ Paresh M. Giga (eSignature) 13-Nov-2023 09:26 (Date/Time) **Reviewed by:** (eSignature) (Date/Time)

Matrices: Water Carrier name: FedEx Priority Overnight

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs: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):	2.4C/2.3C U/C	IR31	
Cooler(s)/Kit(s):	Red		
Date/Time sample(s) sent to storage:	11/11/23 13:00		
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:

Cincinnati, OH +1 513 733 5336
Everett, WA +1 425 356 2600
Fort Collins, CO +1 970 490 1511
Holland, MI +1 616 399 6070
Houston, TX +1 281 530 5656
Middletown, PA +1 717 944 5541
Spring City, PA +1 610 948 4903
Salt Lake City, UT +1 801 266 7700
South Charleston, WV +1 304 356 3168
York, PA +1 717 505 5280

Chain of Custody Form

Page _____ of _____

COC ID: 305917

ALS Project Manager: | ALS Work Order #:

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	EIN 00103061	Project Name	Annual Storm Water	A	200.8/245.1-Ag,As,Ba,Cd,Cr,Cu,Hg,Pb,Mn,Ni,Sb,Se,Zn
Work Order		Project Number		B	
Company Name	Nalco Energy Services	Bill To Company	ChampionX	C	
Send Report To	Nekilea T. Bryant	Invoice Attn	AP	D	
Address	7701 Hwy 90-A	Address	7701 Hwy 90-A	E	
				F	
City/State/Zip	Sugar Land, TX 77478	City/State/Zip	Sugar Land TX 77478	G	
Phone	(281) 263-7847	Phone	(281) 263-7847	H	
Fax	(281) 263-7952	Fax	(281) 263-7952	I	
e-Mail Address	nekilea.bryant@championx.com	e-Mail Address	1001@invoices.nalco.com	J	

HS23100823
ChampionX
Annual Storm Water

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	Outfall 005	10-11-23	12:59p	Stormwat	2,8	1	X										
2	Outfall 009	10-11-23	12:45p	Stormwat	2,8	1	X										
3	Outfall 010	10-11-23	12:54p	Stormwat	2,8	1	X										
4																	
5																	
6																	
7																	
8																	
9																	
10																	

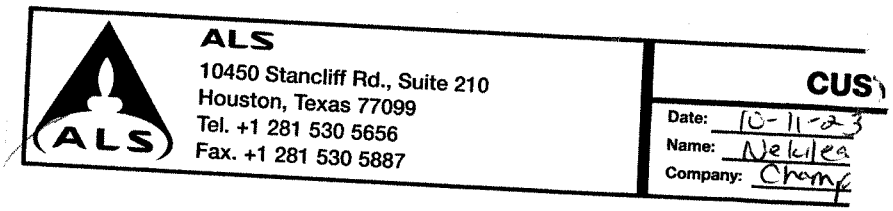
Sampler(s) Please Print & Sign | Shipment Method | Required Turnaround Time: (Check Box) ☐ STD 10 Wk Days ☒ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☐ Other _____ | Results Due Date:

Relinquished by: Nekilea Bryant	Date: 10-12-23	Time: 10:58a	Received by:	Notes: Nalco Hou - Annual Stormwater	
Relinquished by:	Date:	Time:	Received by (Laboratory): 10/12/23 10:58.	Cooler ID	Cooler Temp.
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):		3.7
					4.1

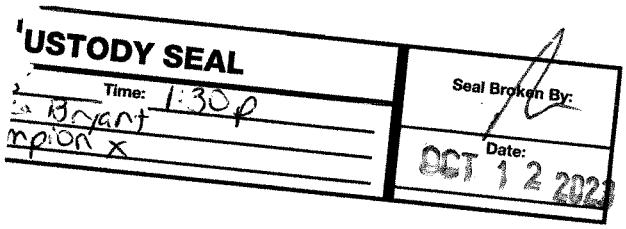
QC Package: (Check One Box Below)
☒ Level II Std QC ☐ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2
3


ALS
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887
CUS
Date: 10-11-23
Name: Nekilea
Company: Chem
ODY SEAL
Time: 1:30p
Bryant
ion X
Seal Broken By:
Date:
OCT 12 2023


ALS
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887
C
Date: 10-11-2
Name: Nekile
Company: Che


USTODY SEAL
Time: 1:30p
Bryant
ion X
Seal Broken By:
Date:
OCT 12 2023

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

PBELAB

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: 3K10002

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 11/17/23

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

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-8	3K10002-01	Water	11/08/23 10:20	11-10-2023 08:30
MW-11A	3K10002-02	Water	11/08/23 11:43	11-10-2023 08:30
MW-5A	3K10002-03	Water	11/08/23 12:11	11-10-2023 08:30
MW-4A	3K10002-04	Water	11/08/23 12:58	11-10-2023 08:30
MW-12	3K10002-05	Water	11/08/23 13:21	11-10-2023 08:30
MW-9	3K10002-06	Water	11/08/23 14:07	11-10-2023 08:30
MW-2	3K10002-07	Water	11/08/23 14:35	11-10-2023 08:30
MW-10	3K10002-08	Water	11/08/23 15:10	11-10-2023 08:30
MW-1	3K10002-09	Water	11/08/23 15:19	11-10-2023 08:30
MW-7A	3K10002-10	Water	11/08/23 15:46	11-10-2023 08:30
MW-3	3K10002-11	Water	11/08/23 16:17	11-10-2023 08:30
MW-6A	3K10002-12	Water	11/08/23 16:42	11-10-2023 08:30

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

MW-8

3K10002-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/11/23 22:56	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/11/23 22:56	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/11/23 22:56	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K1007	11/10/23 14:57	11/11/23 22:56	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/11/23 22:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*86.2 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/11/23 22:56*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*91.8 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/11/23 22:56*	*EPA 8021B*	

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

MW-11A

3K10002-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/11/23 23:19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/11/23 23:19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/11/23 23:19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K1007	11/10/23 14:57	11/11/23 23:19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/11/23 23:19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*87.3 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/11/23 23:19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*91.1 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/11/23 23:19*	*EPA 8021B*	

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

MW-5A

3K10002-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00162**	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/11/23 23:42	EPA 8021B	
Toluene	**0.00101**	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/11/23 23:42	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/11/23 23:42	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K1007	11/10/23 14:57	11/11/23 23:42	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/11/23 23:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*89.1 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/11/23 23:42*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.2 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/11/23 23:42*	*EPA 8021B*	

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

MW-4A

3K10002-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 00:52	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 00:52	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 00:52	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 00:52	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 00:52	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*83.5 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/12/23 00:52*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*90.5 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/12/23 00:52*	*EPA 8021B*	

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

MW-12

3K10002-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 01:15	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 01:15	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 01:15	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 01:15	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 01:15	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*87.6 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/12/23 01:15*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*91.9 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/12/23 01:15*	*EPA 8021B*	

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

MW-9

3K10002-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 01:38	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 01:38	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 01:38	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 01:38	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 01:38	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*84.8 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/12/23 01:38*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*88.2 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/12/23 01:38*	*EPA 8021B*	

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

MW-2

3K10002-07 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00488**	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 02:02	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 02:02	EPA 8021B	
Ethylbenzene	**0.0226**	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 02:02	EPA 8021B	
Xylene (p/m)	**0.00781**	0.00200	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 02:02	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 02:02	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*83.0 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/12/23 02:02*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*88.9 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/12/23 02:02*	*EPA 8021B*	

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

MW-10

3K10002-08 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0719**	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 02:25	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 02:25	EPA 8021B	
Ethylbenzene	**0.00140**	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 02:25	EPA 8021B	
Xylene (p/m)	**0.00267**	0.00200	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 02:25	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 02:25	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*84.9 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/12/23 02:25*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*90.6 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/12/23 02:25*	*EPA 8021B*	

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

MW-1

3K10002-09 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.172**	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 02:48	EPA 8021B	
Toluene	**0.00230**	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 02:48	EPA 8021B	
Ethylbenzene	**0.0196**	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 02:48	EPA 8021B	
Xylene (p/m)	**0.00900**	0.00200	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 02:48	EPA 8021B	
Xylene (o)	**0.00514**	0.00100	mg/L	1	P3K1007	11/10/23 14:57	11/12/23 02:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*84.1 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/12/23 02:48*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*87.3 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/12/23 02:48*	*EPA 8021B*	

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

MW-7A

3K10002-10 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**1.17**	0.00500	mg/L	5	P3K1007	11/10/23 14:57	11/12/23 03:11	EPA 8021B	
Toluene	**0.0106**	0.00500	mg/L	5	P3K1007	11/10/23 14:57	11/12/23 03:11	EPA 8021B	
Ethylbenzene	**0.0256**	0.00500	mg/L	5	P3K1007	11/10/23 14:57	11/12/23 03:11	EPA 8021B	
Xylene (p/m)	**0.0240**	0.0100	mg/L	5	P3K1007	11/10/23 14:57	11/12/23 03:11	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	5	P3K1007	11/10/23 14:57	11/12/23 03:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*85.2 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/12/23 03:11*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*86.3 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/12/23 03:11*	*EPA 8021B*	

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

MW-3

3K10002-11 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.524**	0.00500	mg/L	5	P3K1007	11/10/23 14:57	11/14/23 14:48	EPA 8021B	
Toluene	**0.0131**	0.00500	mg/L	5	P3K1007	11/10/23 14:57	11/14/23 14:48	EPA 8021B	
Ethylbenzene	**0.00830**	0.00500	mg/L	5	P3K1007	11/10/23 14:57	11/14/23 14:48	EPA 8021B	
Xylene (p/m)	**0.0442**	0.0100	mg/L	5	P3K1007	11/10/23 14:57	11/14/23 14:48	EPA 8021B	
Xylene (o)	**0.00655**	0.00500	mg/L	5	P3K1007	11/10/23 14:57	11/14/23 14:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/14/23 14:48*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*91.4 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/14/23 14:48*	*EPA 8021B*	

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

MW-6A

3K10002-12 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**1.07**	0.00500	mg/L	5	P3K1007	11/10/23 14:57	11/12/23 03:58	EPA 8021B	
Toluene	ND	0.00500	mg/L	5	P3K1007	11/10/23 14:57	11/12/23 03:58	EPA 8021B	
Ethylbenzene	**0.0206**	0.00500	mg/L	5	P3K1007	11/10/23 14:57	11/12/23 03:58	EPA 8021B	
Xylene (p/m)	**0.0772**	0.0100	mg/L	5	P3K1007	11/10/23 14:57	11/12/23 03:58	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	5	P3K1007	11/10/23 14:57	11/12/23 03:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*81.1 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/12/23 03:58*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.1 %*	*80-120*		*P3K1007*	*11/10/23 14:57*	*11/12/23 03:58*	*EPA 8021B*	

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

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3K1007 - * DEFAULT PREP *** **										
Blank (P3K1007-BLK1)				Prepared: 11/10/23 Analyzed: 11/11/23						
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	*0.102*		*"*	*0.120*		*84.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.109*		*"*	*0.120*		*90.6*	*80-120*			
LCS (P3K1007-BS1)				Prepared: 11/10/23 Analyzed: 11/11/23						
Benzene	0.0992	0.00100	mg/L	0.100		99.2	80-120			
Toluene	0.0958	0.00100	"	0.100		95.8	80-120			
Ethylbenzene	0.0891	0.00100	"	0.100		89.1	80-120			
Xylene (p/m)	0.175	0.00200	"	0.200		87.3	80-120			
Xylene (o)	0.0817	0.00100	"	0.100		81.7	80-120			
Surrogate: 4-Bromofluorobenzene	*0.105*		*"*	*0.120*		*87.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.112*		*"*	*0.120*		*93.0*	*80-120*			
LCS Dup (P3K1007-BSD1)				Prepared: 11/10/23 Analyzed: 11/11/23						
Benzene	0.0969	0.00100	mg/L	0.100		96.9	80-120	2.36	20	
Toluene	0.0962	0.00100	"	0.100		96.2	80-120	0.365	20	
Ethylbenzene	0.0874	0.00100	"	0.100		87.4	80-120	1.94	20	
Xylene (p/m)	0.173	0.00200	"	0.200		86.3	80-120	1.15	20	
Xylene (o)	0.0800	0.00100	"	0.100		80.0	80-120	2.04	20	
Surrogate: 4-Bromofluorobenzene	*0.104*		*"*	*0.120*		*87.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.112*		*"*	*0.120*		*93.2*	*80-120*			
Calibration Blank (P3K1007-CCB1)				Prepared: 11/10/23 Analyzed: 11/11/23						
Benzene	0.0900		ug/l							
Toluene	0.120		"							
Ethylbenzene	0.150		"							
Xylene (p/m)	0.190		"							
Xylene (o)	0.260		"							
Surrogate: 4-Bromofluorobenzene	*0.103*		*"*	*0.120*		*86.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.108*		*"*	*0.120*		*90.4*	*80-120*			

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

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3K1007 - * DEFAULT PREP *** **										
Calibration Blank (P3K1007-CCB2)				Prepared: 11/10/23 Analyzed: 11/12/23						
Benzene	0.110		ug/l							
Toluene	0.160		"							
Ethylbenzene	0.140		"							
Xylene (p/m)	0.180		"							
Xylene (o)	0.190		"							
Surrogate: 4-Bromofluorobenzene	*0.102*		*"*	*0.120*		*84.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.109*		*"*	*0.120*		*90.5*	*80-120*			
Calibration Check (P3K1007-CCV1)				Prepared: 11/10/23 Analyzed: 11/11/23						
Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.0967	0.00100	"	0.100		96.7	80-120			
Ethylbenzene	0.0851	0.00100	"	0.100		85.1	80-120			
Xylene (p/m)	0.176	0.00200	"	0.200		88.0	80-120			
Xylene (o)	0.0836	0.00100	"	0.100		83.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.105*		*"*	*0.120*		*87.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.111*		*"*	*0.120*		*92.7*	*80-120*			
Calibration Check (P3K1007-CCV2)				Prepared: 11/10/23 Analyzed: 11/12/23						
Benzene	0.105	0.00100	mg/L	0.100		105	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.0922	0.00100	"	0.100		92.2	80-120			
Xylene (p/m)	0.187	0.00200	"	0.200		93.4	80-120			
Xylene (o)	0.0881	0.00100	"	0.100		88.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.105*		*"*	*0.120*		*87.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.111*		*"*	*0.120*		*92.6*	*80-120*			
Calibration Check (P3K1007-CCV3)				Prepared: 11/10/23 Analyzed: 11/12/23						
Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.0935	0.00100	"	0.100		93.5	80-120			
Xylene (p/m)	0.189	0.00200	"	0.200		94.6	80-120			
Xylene (o)	0.0883	0.00100	"	0.100		88.3	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0985*		*"*	*0.120*		*82.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.107*		*"*	*0.120*		*88.8*	*80-120*			

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

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3K1007 - * DEFAULT PREP *** **										
Matrix Spike (P3K1007-MS1)	**Source: 3K03005-01**			Prepared: 11/10/23 Analyzed: 11/12/23						
Benzene	0.0838	0.00100	mg/L	0.100	ND	83.8	80-120			
Toluene	0.0805	0.00100	"	0.100	ND	80.5	80-120			
Ethylbenzene	0.0756	0.00100	"	0.100	ND	75.6	80-120			QM-05
Xylene (p/m)	0.148	0.00200	"	0.200	ND	74.2	80-120			QM-05
Xylene (o)	0.0685	0.00100	"	0.100	ND	68.5	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.0988*		"	*0.120*		*82.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.108*		"	*0.120*		*89.8*	*80-120*			
Matrix Spike Dup (P3K1007-MSD1)	**Source: 3K03005-01**			Prepared: 11/10/23 Analyzed: 11/12/23						
Benzene	0.0992	0.00100	mg/L	0.100	ND	99.2	80-120	16.8	20	
Toluene	0.0986	0.00100	"	0.100	ND	98.6	80-120	20.3	20	QM-05
Ethylbenzene	0.0921	0.00100	"	0.100	ND	92.1	80-120	19.7	20	
Xylene (p/m)	0.178	0.00200	"	0.200	ND	88.9	80-120	18.0	20	
Xylene (o)	0.0829	0.00100	"	0.100	ND	82.9	80-120	19.1	20	
Surrogate: 4-Bromofluorobenzene	*0.0997*		"	*0.120*		*83.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.108*		"	*0.120*		*90.1*	*80-120*			

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

Notes and Definitions

ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
NPBEL C(	Chain of Custody was not generated at PBELAB
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 11/17/2023

Brent Barron, Laboratory Director/Technical Director

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

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Curt Stanley
Company Name: TRC Environmental Corporation
Company Address: 10 Desta Drive, Ste 130E
City/State/Zip: Midland TX 79705
Telephone No: (432) 520-7720
Fax No:
Sampler Signature:
e-mail: cdstanley@trccompanies.com, cjbryant@paalp.com, khudgens@paalp.com, mgreen@trccompanies.com

Project Name: 34 Junction to Lea Station
Project #: SRS: 2002-10286
Project Loc: Lea County, NM
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 3K10002

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate bvy E300	COD by SM 5310	TOTAL: Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-8			11-8-23	1020		3	X		3						GW						X		X
2	MW-11A				1143		3	X		3						GW						X		X
3	MW-5A				1211		3	X		3						GW						X		X
4	MW-4A				1258		3	X		3						GW						X		X
5	MW-12				1321		3	X		3						GW						X		X
6	MW-9				1407		3	X		3						GW						X		X
7	MW-2			"	1435		3	X		3						GW						X		X
8	MW-10				1510		3	X		3						GW						X		X
9	MW-1				1519		3	X		3						GW						X		X

Special Instructions: BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	11-10-23	0830			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	11/10/23	830

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		

Temperature Upon Receipt:
Received: 4.9 °C
Adjusted: 4.9 °C Factor NCF

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Curt Stanley
Company Name: TRC Environmental Corporation
Company Address: 10 Desta Drive, Ste 130E
City/State/Zip: Midland TX 79705
Telephone No: (432) 520-7720 Fax No:
Sampler Signature:

Project Name: 34 Junction to Lea Station
Project #: SRS: 2002-10286
Project Loc: Lea County, NM
PO #:

Report Format: [X] Standard [ ] TRRP [ ] NPDES

e-mail: cdstanley@trccompanies.com, cjbryant@paalp.com, khudgens@paalp.com, mgreen@trccompanies.com

(lab use only)
ORDER #: 3K10002

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate bvy E300	COD by SM 5310	Total BTEX by 8260 (TCLP:)	(TOTAL: X)	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
10	MW-7A			11-8-23	1546		3	X		3						GW						X			X
11	MW-3			↓	1617		3	X		3						GW						X			X
12	MW-6A			↓	1642		3	X		3						GW						X			X

Special Instructions:
BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	11-10-23	0830			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELAB:	11/10/23	8:30

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		
Temperature Upon Receipt:		
Received: °C		
Adjusted: °C Factor		

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

☒ Initial Report ☐ Final Report

Name of Company	Contact
Duke Energy Field Services	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	Mineral Owner	Lease No.
Deck Estate		

Location of Release

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

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: Frank Hernandez	OIL CONSERVATION DIVISION
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 351124

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	OGRID: 34053
	Action Number: 351124
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2023 Annual Monitoring Report for Junction 34 to Lea Station: content satisfactory 1. Continue to conduct quarterly and annual groundwater monitoring for 2024 as scheduled. 2. Continue well gauging on a monthly basis as scheduled. 3. Conduct PAH analysis for the following monitoring wells: MW-1, MW-3, MW-6A, MW-7A for the 2024 reporting period and enter narrative with any results and recommendations in the 2024 annual report. 4. Submit the 2024 annual report to OCD by April 1, 2024.	8/14/2024