TRC
Results you can rely on

2020
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

APPROVED
By Nelson Velez at 3:08 pm, Jan 11, 2022

Review of 2020 ANNUAL MONITORING REPORT: **Content satisfactory**
Contractor anticipated actions approved by OCD and are as follows;
1. Continue quarterly and annual monitoring and groundwater sampling in 2021
2. Complete sampling from MW-1, MW-3, MW-6A, and MW-7A for PAH analysis in 2021
Submit the Annual Monitoring Report to the OCD no later than March 31, 2022.

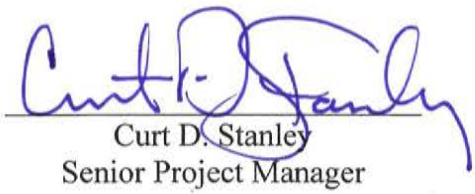
PREPARED FOR:

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

PREPARED BY:

TRC ENVIRONMENTAL CORPORATION
10 Desta Drive, Suite 150E
Midland, Texas 79705

January 2021



Curt D. Stanley
Senior Project Manager

TABLE OF CONTENTS

INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), TRC Environmental Corporation (TRC) is pleased to submit this 2020 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 2020. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2020 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 covered approximately 10,769 square feet of the pipeline right-of-way, caliche road, and land owned by the Deck Estate. Upon discovery of the Release on November 6, 2002, a contractor and EOTT personnel mobilized to the Site, exposed the pipeline and installed a pipe repair clamp. Hydrocarbon impacted soil excavated during the emergency response activities was transported to an NMOCD approved land farm. In February 2003, hydrocarbon impacted soil, previously identified by the advancement of nine (9) soil borings, was excavated to a depth of approximately twenty-five (25) feet below ground surface (bgs). The excavated soil was stockpiled on site for future remediation.

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

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

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

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

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

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

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

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

FIELD ACTIVITIES

Product Recovery Efforts

During the reporting period, no measurable thickness of PSH was detected in the Site monitor wells. Table 1 depicts the groundwater gauging data for the reporting period. Historical groundwater elevation data beginning at project inception is 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	Annually		
MW-4	P&A	MW-6A	Quarterly	MW-10	Quarterly		
MW-4A	Quarterly	MW-7	P&A	MW-11	P&A		

The Site monitor wells were gauged and sampled on February 13, June 26, September 15, and November 17, 2020. 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 2020, are depicted on the Inferred Groundwater Gradient Maps, Figures 2A-2D. Groundwater elevation data for 2020 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 0.0035 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 0.0034 feet/foot during the 1st quarter to 0.0038 feet/foot during the 2nd quarter.

LABORATORY RESULTS

Groundwater samples obtained during all four (4) quarterly sampling events of 2020 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 2020 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 2020 are summarized in Table 2 and historical concentrations of BTEX in groundwater are summarized in Table 5. The 2020 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 2020 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 0.154 mg/L during the 3rd quarter to 0.195 mg/L during the 1st quarter of 2020. Benzene concentrations were above the NMOCD regulatory guideline of 0.01 mg/L during the four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory reporting limit (RL) during the 2nd quarter to 0.00565 mg/L during the 4th 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 0.103 mg/L during the 2nd quarter to 0.108 mg/L

during the 4th quarter of 2020. 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 0.0299 mg/L during the 4th quarter to 0.0623 mg/L during the 1st quarter of 2020. Xylene concentrations were below the NMOCD regulatory guideline of 0.62 mg/L during the four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for fluorene (0.0028 mg/L), phenanthrene (0.0022 mg/L), and naphthalene (0.06633 mg/L).

Monitor well MW-2 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0181 during the 4th quarter to 0.0275 mg/L during the 2nd quarter of 2020. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 1st and 2nd quarters to 0.00206 mg/L during the 4th quarter of 2020. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00576 mg/L during the 4th quarter to 0.0143 mg/L during the 3rd quarter. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable RL during the 4th quarter to 0.00667 mg/L during the 3rd quarter of 2020. 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 0.216 mg/L during the 1st quarter to 0.900 mg/L during the 3rd quarter. Benzene concentrations were above the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 2nd quarter to 0.00885 mg/L during the 4th quarter 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 0.0101 mg/L during the 4th quarter to 0.0246 mg/L during the 3rd quarter. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from 0.0310 mg/L during the 4th quarter to 0.06910 mg/L during the 2nd quarter of 2020. Xylene concentrations were below the 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 (0.0013 mg/L).

Monitor well MW-4A is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from less than the applicable laboratory RL during the 1st, 2nd, and 3rd quarters to 0.00145 mg/L during the 4th quarter of the reporting period. Benzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 1st, 2nd, and 4th quarters to 0.00117 mg/L during the 3rd quarter of the reporting period.

Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 1st, 3rd, and 4th quarters to 0.00411 mg/L during the 2nd quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-5A is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from less than the applicable laboratory RL during the 2nd quarter to 0.00314 mg/L during the 4th quarter of the reporting period. Benzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 1st and 2nd quarters to 0.00313 mg/L during the 4th quarter 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 2nd quarters to 0.00456 mg/L during the 3rd quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 2nd quarter to 0.01020 mg/L during the 3rd quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-6A is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.392 mg/L during the 1st quarter to 0.853 mg/L during the 2nd quarter of the reporting period. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00304 mg/L during the 1st quarter to 0.00837 mg/L during the 2nd quarter 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 0.151 mg/L during the 4th quarter to 0.241 mg/L during the 1st quarter of the reporting period Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.152 mg/L during the 1st quarter to 0.203 mg/L during the 4th quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for fluorene (0.0021 mg/L), phenanthrene (0.0015 mg/L), and naphthalene (0.123 mg/L).

Monitor well MW-7A is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.395 mg/L during the 4th quarter to 0.962 mg/L during the 1st quarter of the reporting period. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged

from less than the applicable laboratory RL during the 2nd quarter to 0.00635 mg/L during the 4th quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00835 mg/L during the 4th quarter to 0.0292 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.01224 during the 4th quarter to 0.0611 mg/L during the 1st quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for fluorene (0.0027 mg/L), phenanthrene (0.0026 mg/L), and naphthalene (0.06153 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 the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter sampling event of 2006. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-9 is sampled on an annual schedule and the analytical results indicated benzene concentrations were 0.0103 mg/L and the benzene concentration was above the NMOCD regulatory guideline during the 4th quarter sampling event. Toluene, ethylbenzene, and xylene concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline. PAH analysis was not required during the 4th quarter sampling event.

On December 23, 2020, a confirmation groundwater sample was collected from the monitor well MW-9 and submitted to the laboratory. The analytical results indicated the benzene concentration was 0.0112 mg/L and toluene, ethylbenzene, and xylene concentrations were less than the applicable laboratory RL. Based on the analytical results of the December 23, 2020 sampling event, the November sampling event analytical results appear to be valid.

Based on the analytical results of monitor well MW-9, the sampling schedule will be modified and monitor well MW-9 will be sampled on a quarterly schedule.

Monitor well MW-10 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0365 mg/L during the 3rd quarter to 0.0783 mg/L during the 4th quarter of the reporting period. Benzene concentrations were above the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 1st and 2nd quarters to 0.00126 mg/L during the 3rd quarter. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 3rd and 4th quarters to 0.00223 mg/L during the 1st quarter. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged

from less than the applicable laboratory RL during the 3rd quarter to 0.00426 mg/L during the 1st quarter. Xylene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-11A is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from less than the applicable laboratory RL during the 2nd, 3rd, and 4th quarters to 0.00105 mg/L during the 1st quarter of the reporting period. Benzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene and xylene concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 2nd, 3rd, and 4th quarters to 0.00188 mg/L during the 1st quarter. Ethylbenzene 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-12 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Laboratory analytical results were compared to the 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 2020 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 0.0035 feet/foot to the southeast.

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

Review of the laboratory analytical results of the groundwater samples obtained during this annual reporting period indicated BTEX constituent concentrations are below the applicable NMOCD regulatory guidelines in five (5) of the twelve (12) monitor wells on site. At this time, dissolved phase impact appears to be delineated and limited to monitor wells MW-1 through MW-3, MW-6A, MW-7A, MW-9, and MW-10. Review of PAH analysis indicated monitor wells MW-1, MW-3, MW-6A, and MW-7A exhibited PAH constituents which exceeded the NMWQCC Drinking Water Standards.

For a better understanding of the dissolved phase plume delineation to the east of the Release Site, Plains has combined the Junction 34 to Lea (NMOCD Reference #1RP-0386) and TNM 97-

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

ANTICIPATED ACTIONS

Quarterly and annual monitoring and groundwater sampling will continue in 2021. Monitor well gauging will continue on a monthly schedule according to site conditions.

Based on the analytical results of monitor well MW-9, the sampling schedule will be modified and monitor well MW-9 will be sampled on a quarterly schedule.

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 2021 reporting period.

A 2021 Annual Monitoring Report will be submitted to the NMOCD by April 1, 2022.

LIMITATIONS

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

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

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

DISTRIBUTION

Copy 1
Bradford Billings
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

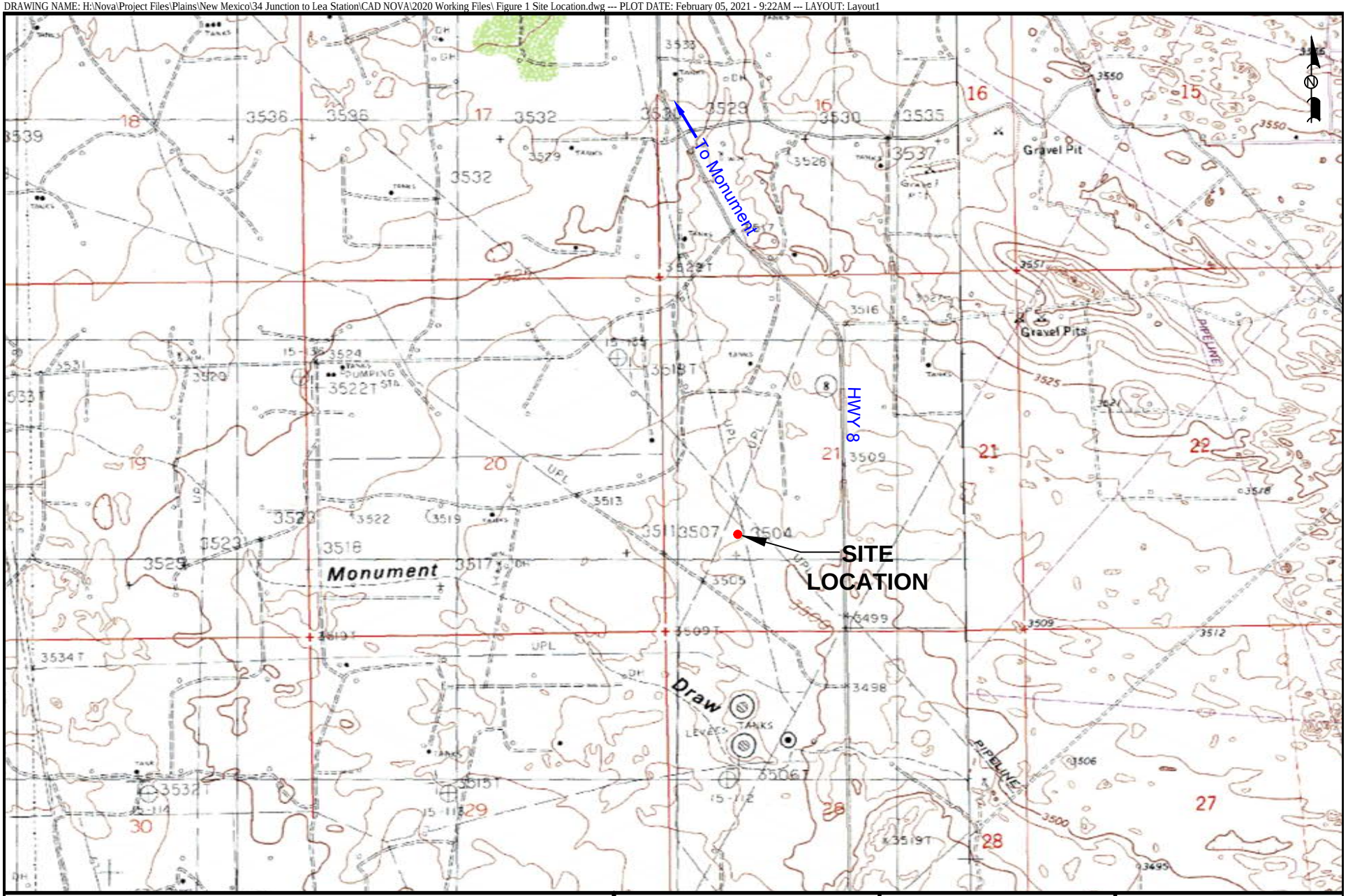
Copy 2:
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1625 French Drive
Hobbs, NM 88240

Copy 3:
Camille Bryant
Plains Marketing, L.P.
1106 Griffith Drive
Midland, TX 79706
cjbryant@paalp.com

Copy 4:
Jeff Dann
Plains Marketing, L.P.
333 Clay Street
Suite 1600
Houston, TX 77002
jpdann@paalp.com

Copy 5:
TRC Environmental Corporation
10 Desta Drive, Suite 150E
Midland, TX 79705
cdstanley@trccompanies.com

Figures



LEGEND:

2000 1000 0 1000 2000

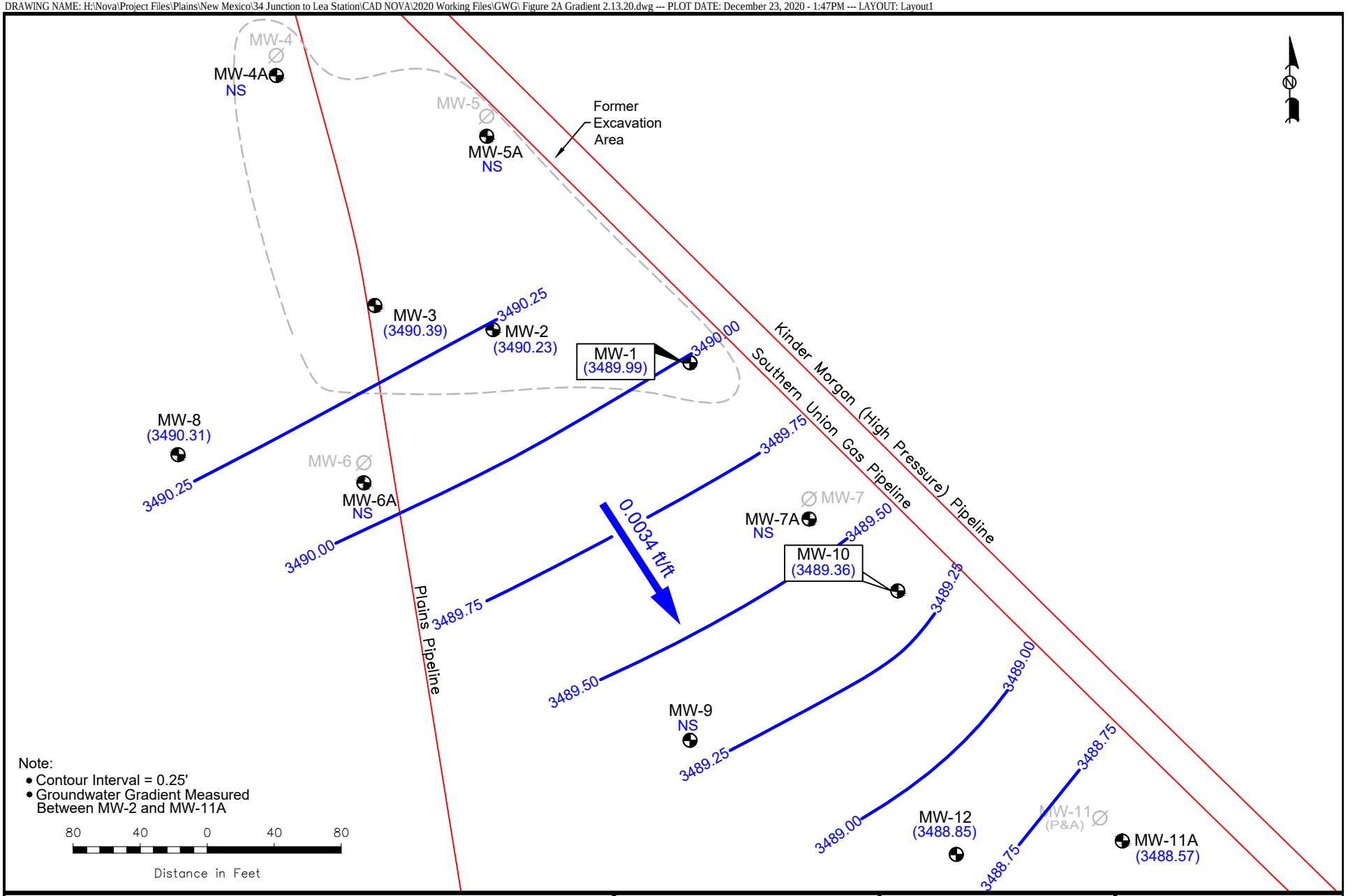
Distance in Feet

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

Scale: 1" = 2000'	
CAD By: CS	Checked By: CS
Draft: February 5, 2020	
Lat. N 32.555222° , Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

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

DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\34 Junction to Lea Station\CAD NOVA\2020 Working Files\GWG\ Figure 2A Gradient 2.13.20.dwg --- PLOT DATE: December 23, 2020 - 1:47PM --- LAYOUT: Layout1



LEGEND:

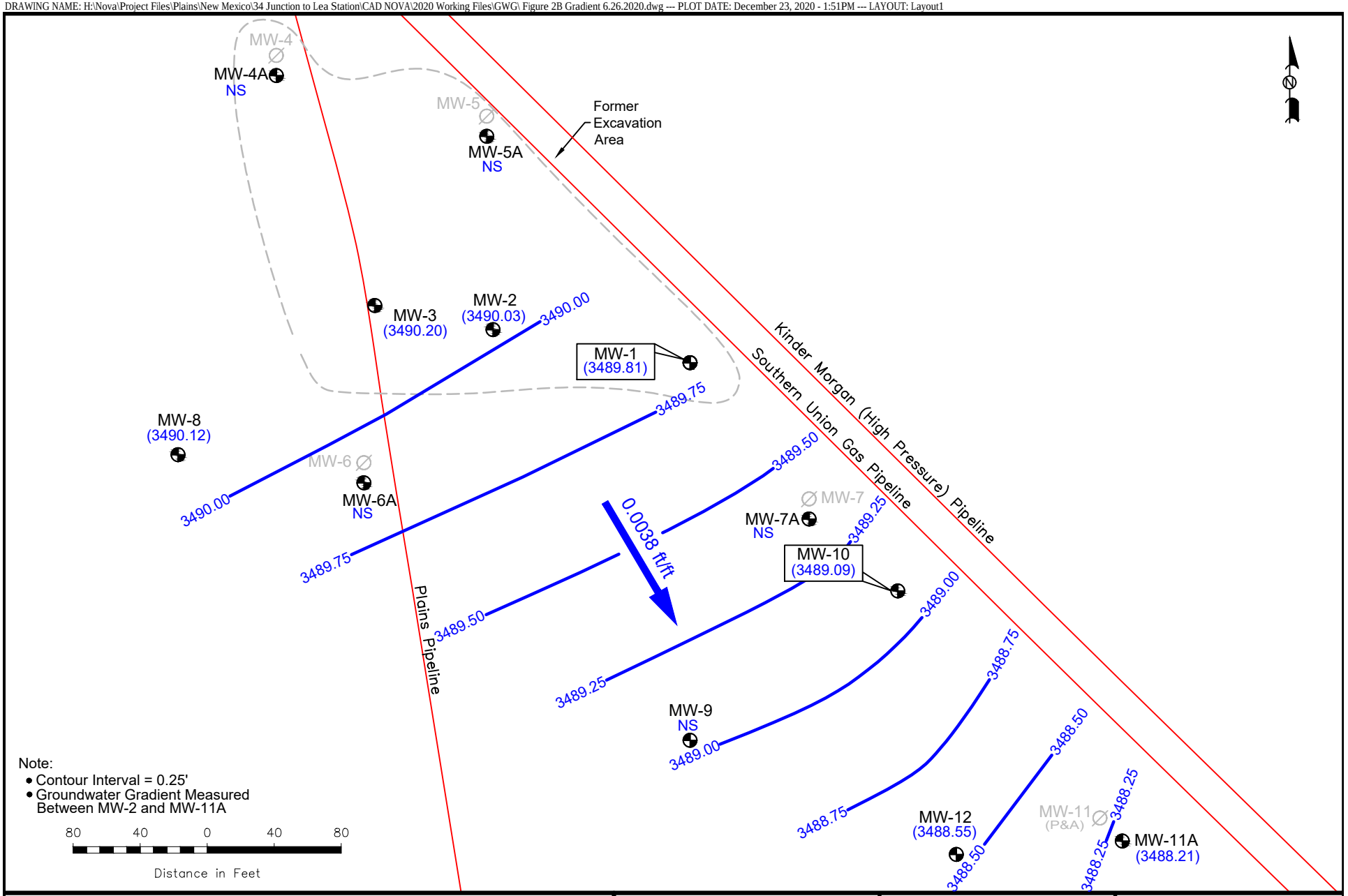
- Monitor Well Location
- Pipeline
- (3791.69) Grounwater Elevation (Feet)
- Grounwater Elevation Contour Line
- P&A Plugged and Abandoned
- NS Well Not Surveyed

Figure 2A
Inferred Groundwater Gradient Map
(2/13/2020)
Plains Marketing, L.P.
34 Junction to Lea Station
NMOCD Reference #1RP-386-0
Lea County, NM

Scale: 1" = 80'	
CAD By: CS	Checked By: CS
Draft: March 12, 2020	
Lat. N 32.555222° , Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

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

DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\34 Junction to Lea Station\CAD NOVA\2020 Working Files\GWG\ Figure 2B Gradient 6.26.2020.dwg --- PLOT DATE: December 23, 2020 - 1:51PM --- LAYOUT: Layout1



LEGEND:

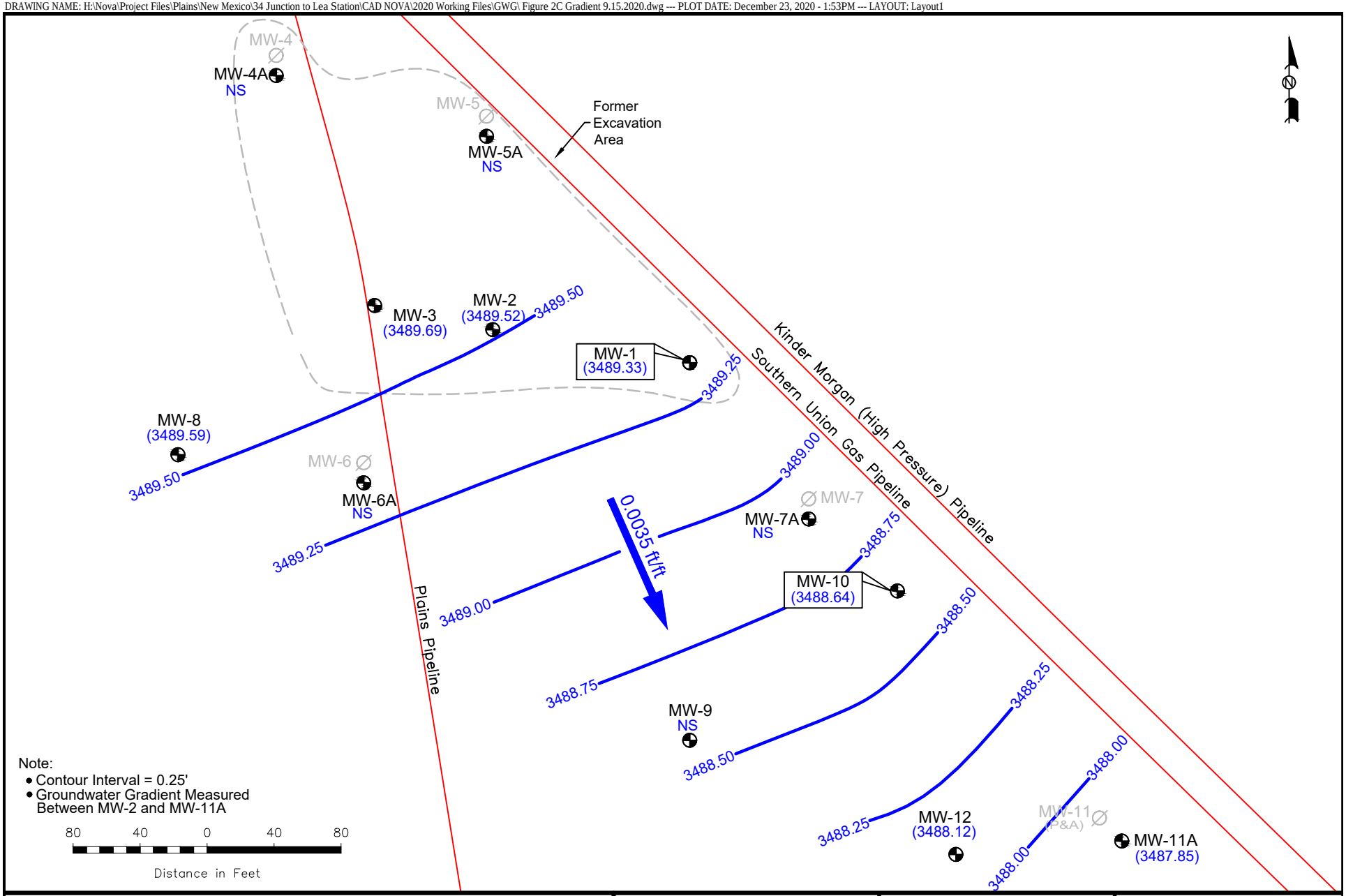
- Monitor Well Location
- Pipeline
- (3791.69) Grounwater Elevation (Feet)
- Grounwater Elevation Contour Line
- P&A Plugged and Abandoned
- NS Well Not Surveyed

Figure 2B
Inferred Groundwater Gradient Map
(6/26/2020)
Plains Marketing, L.P.
34 Junction to Lea Station
NMOCD Reference #1RP-386-0
Lea County, NM

Scale: 1" = 80'	
CAD By: CS	Checked By: CS
Draft: July 30, 2020	
Lat. N 32.555222° , Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

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

DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\34 Junction to Lea Station\CAD NOVA\2020 Working Files\GWG\ Figure 2C Gradient 9.15.2020.dwg --- PLOT DATE: December 23, 2020 - 1:53PM --- LAYOUT: Layout1



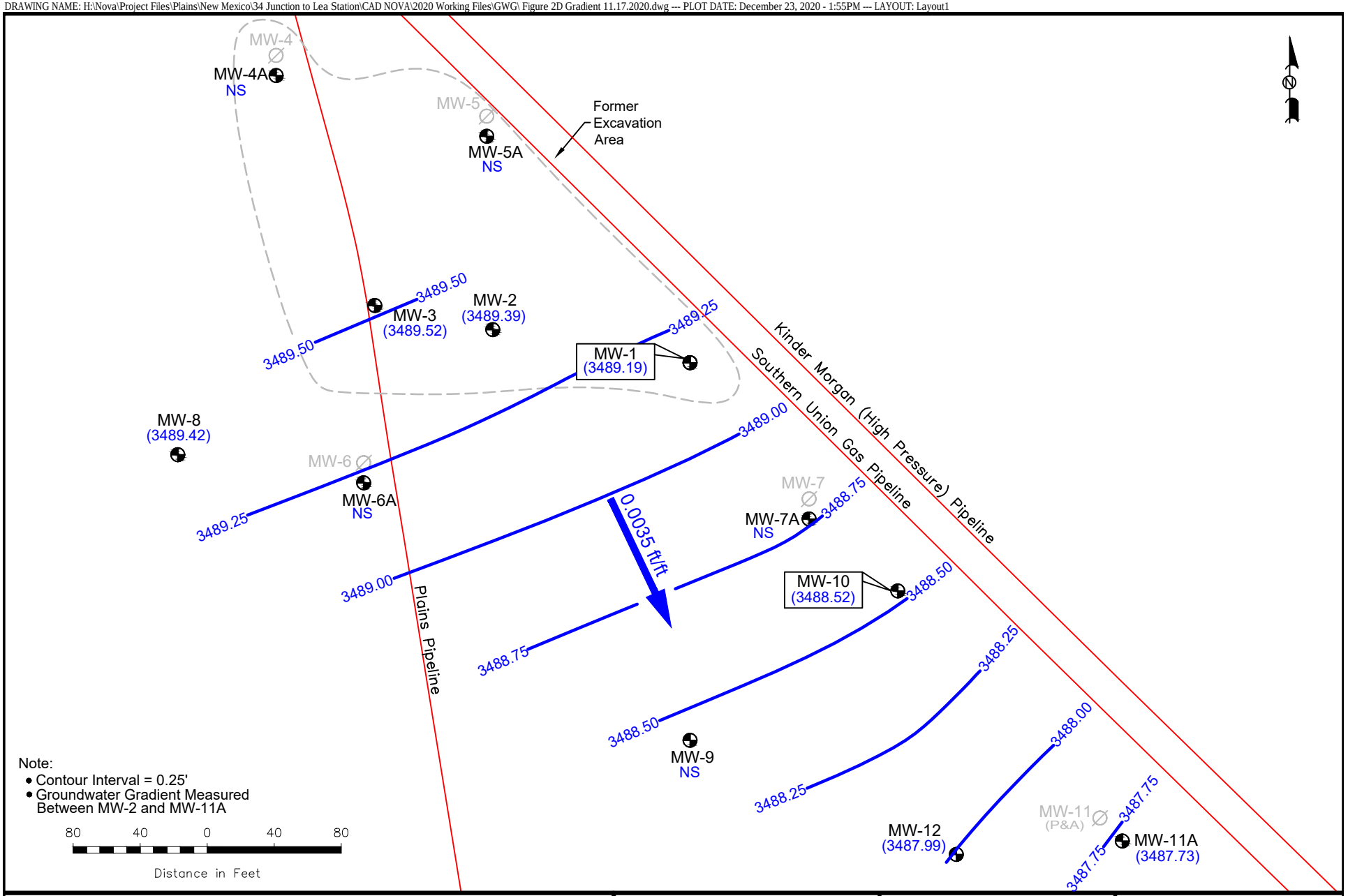
LEGEND:

- 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
(9/15/2020)
Plains Marketing, L.P.
34 Junction to Lea Station
NMOCD Reference #1RP-386-0
Lea County, NM

Scale: 1" = 80'	
CAD By: CS	Checked By: CS
Draft: September 22, 2020	
Lat. N 32.555222° , Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

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



LEGEND:

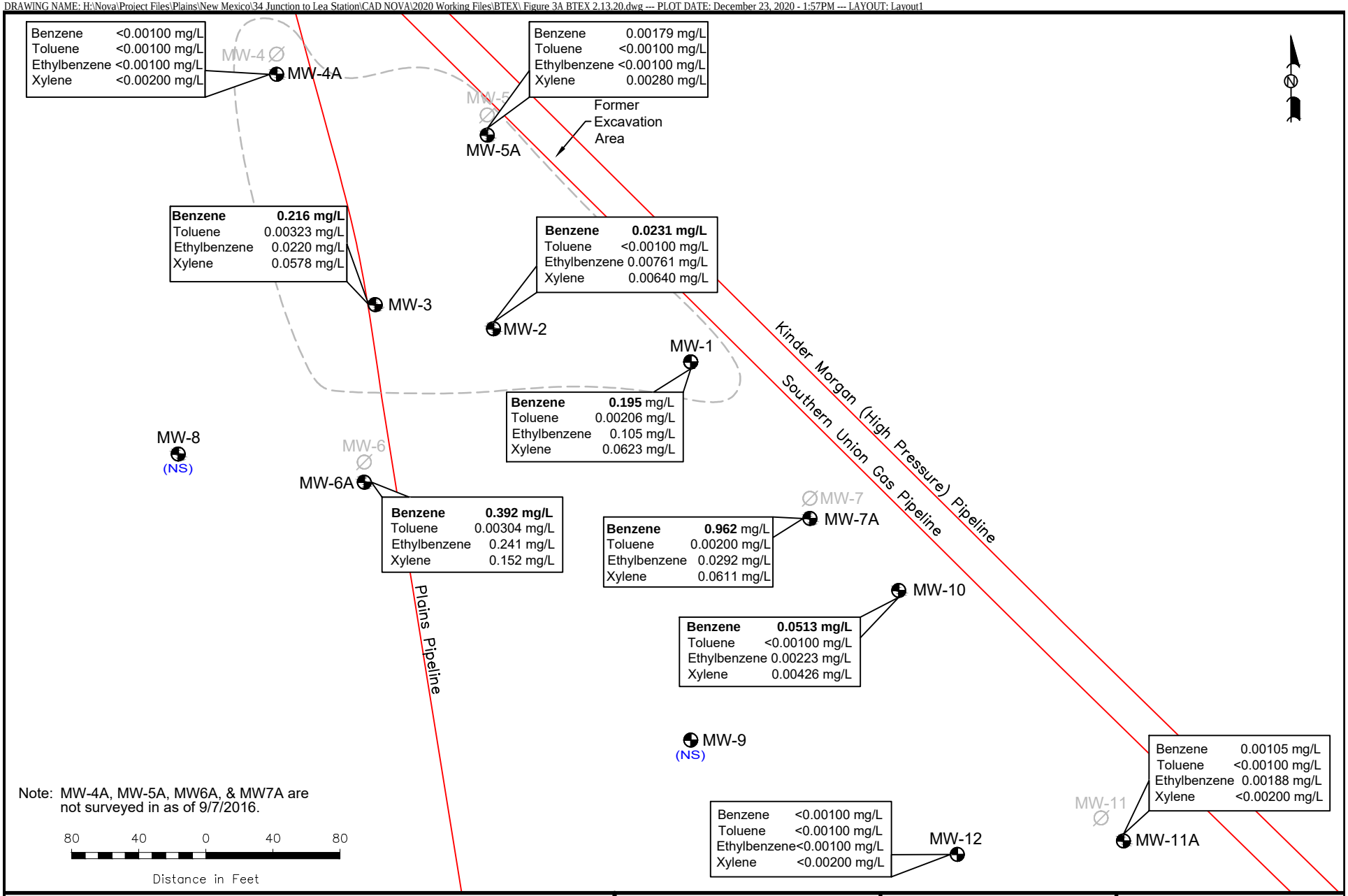
- Monitor Well Location
- Pipeline
- (3791.69) Grounwater Elevation (Feet)
- Grounwater Elevation Contour Line
- P&A Plugged and Abandoned
- NS Well Not Surveyed

Figure 2D
Inferred Groundwater Gradient Map
(11/17/2020)
Plains Marketing, L.P.
34 Junction to Lea Station
NMOCD Reference #1RP-386-0
Lea County, NM

Scale: 1" = 80'	
CAD By: CS	Checked By: CS
Draft: December 15, 2020	
Lat. N 32.555222° , Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

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

DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\34 Junction to Lea Station\CAD NOVA\2020 Working Files\BTEX\ Figure 3A BTEX 2.13.20.dwg --- PLOT DATE: December 23, 2020 - 1:57PM --- LAYOUT: Layout1



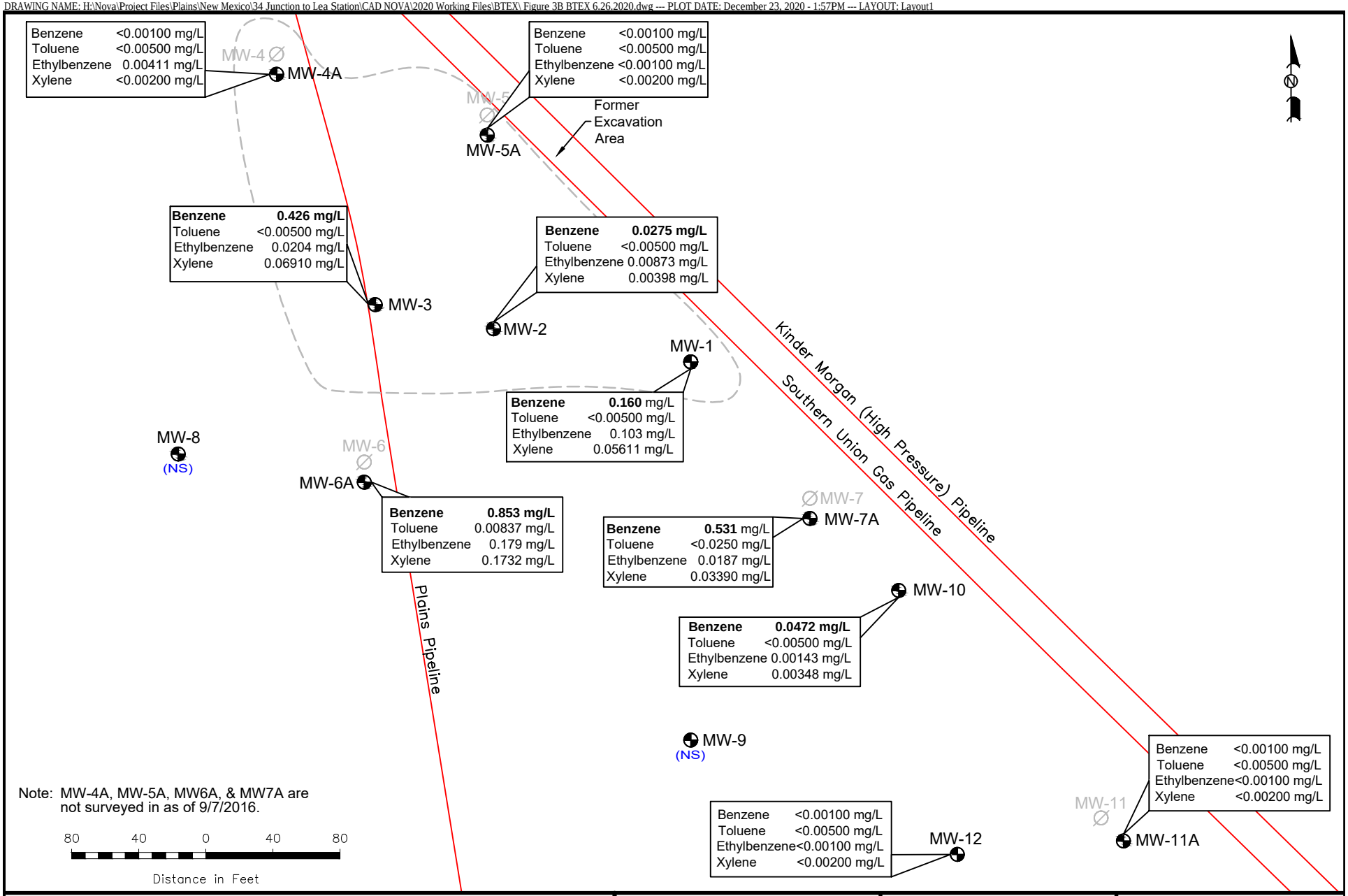
LEGEND:

- 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
(2/13/2020)
Plains Marketing, L.P.
Junction 34 To Lea Station
NMOCD Reference #1R-0386
Lea County, NM

Scale: 1" = 80'	
CAD By: CS	Checked By: CS
Draft: March 11, 2020	
Lat. N 32.555222° , Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

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



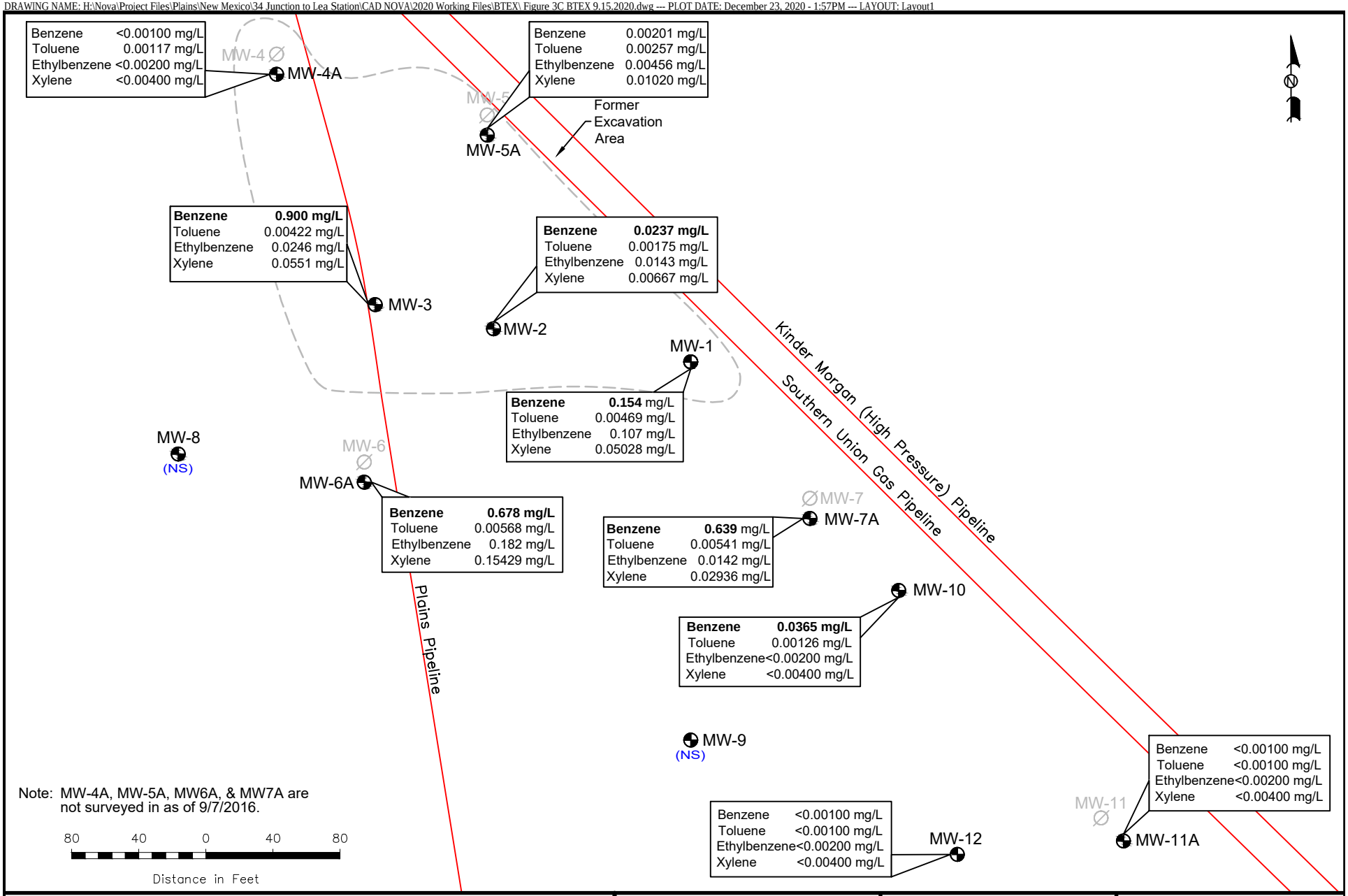
LEGEND:

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

Figure 3B
Groundwater Concentration and Inferred PSH Extent Map
(6/26/2020)
Plains Marketing, L.P.
Junction 34 To Lea Station
NMOCD Reference #1R-0386
Lea County, NM

Scale: 1" = 80'	
CAD By: CS	Checked By: CS
Draft: July 14, 2020	
Lat. N 32.555222° , Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

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



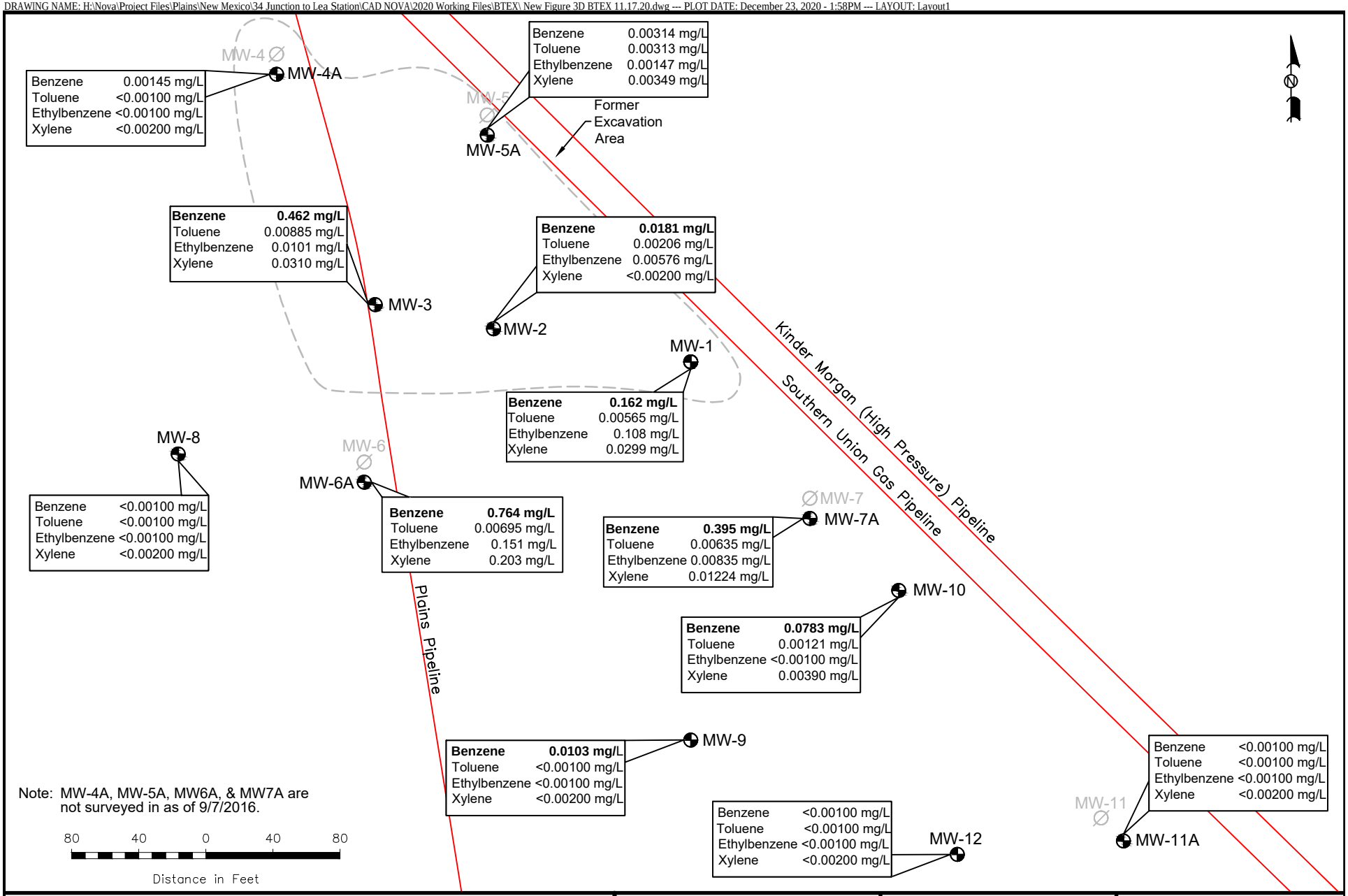
LEGEND:

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

Figure 3C
Groundwater Concentration and Inferred PSH Extent Map
(9/15/2020)
Plains Marketing, L.P.
Junction 34 To Lea Station
NMOCD Reference #1R-0386
Lea County, NM

Scale: 1" = 80'	
CAD By: CS	Checked By: CS
Draft: October 2, 2020	
Lat. N 32.555222° , Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

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



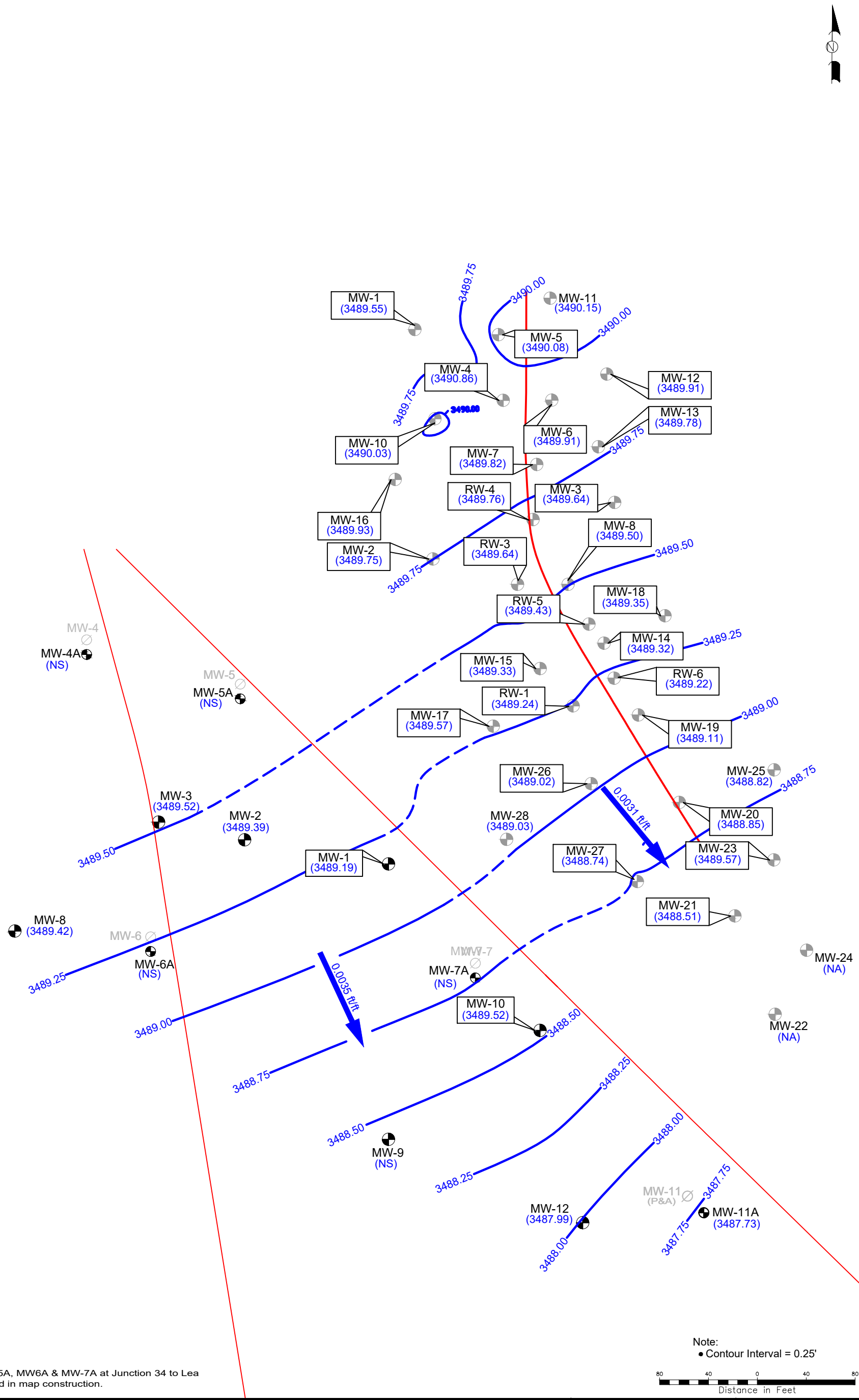
LEGEND:

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

Figure 3D
Groundwater Concentration and Inferred PSH Extent Map
(11/17/2020)
Plains Marketing, L.P.
Junction 34 To Lea Station
NMOCD Reference #1R-0386
Lea County, NM

Scale: 1" = 80'	
CAD By: CS	Checked By: CS
Draft: December 18, 2020	
Lat. N 32.555222° , Long. W 103.261027°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014167	

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



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

Note:
- Contour Interval = 0.25'

80 40 0 40 80
Distance in Feet

LEGEND:

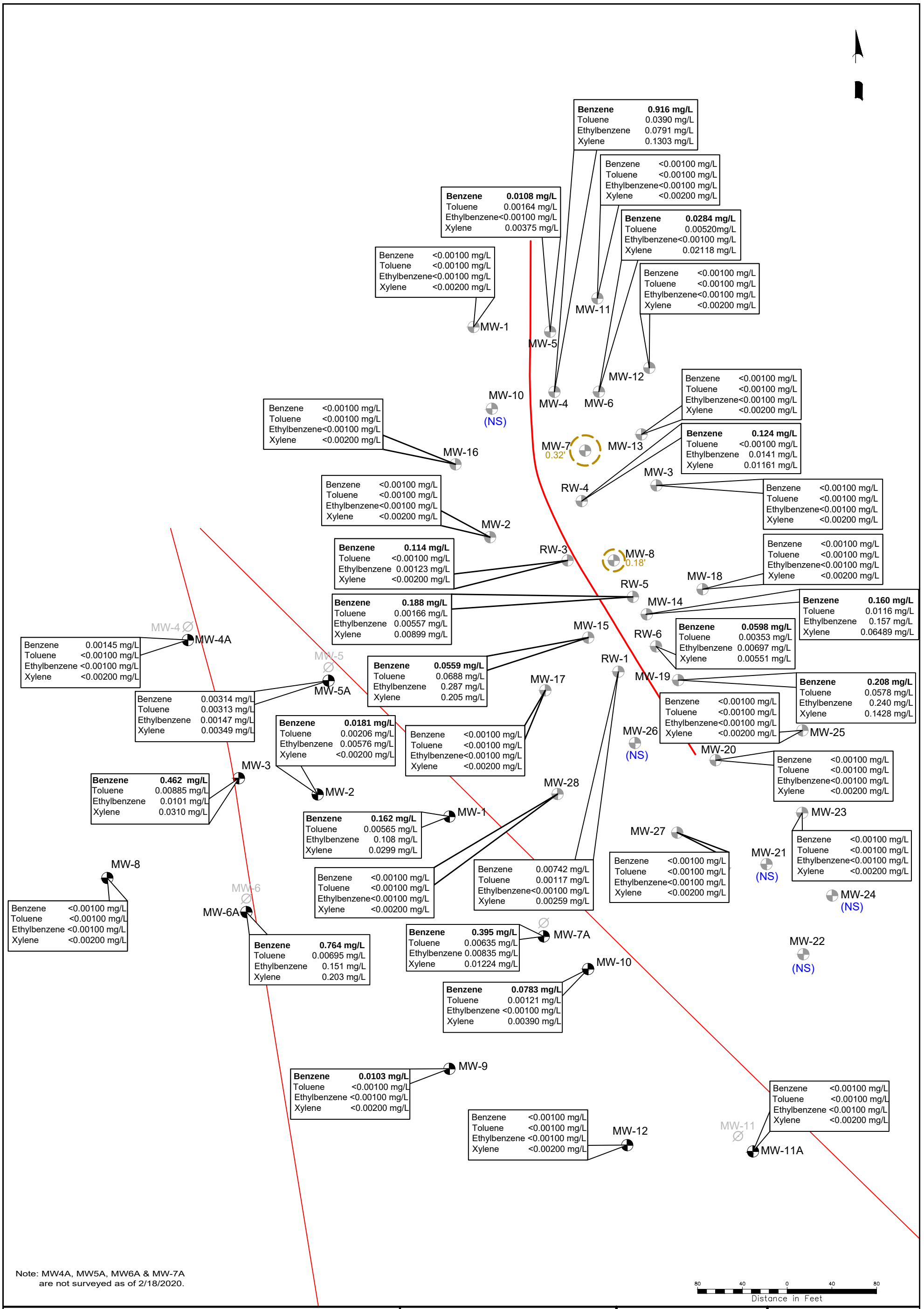
- 34 J to Lea Monitor Well Location
- TNM 97-17 Monitor Well Location
- Groundwater Contour Lines
- (3921.20) Groundwater Elevation in Feet
- MW-3 Plugged and Abandoned Wells
- Pipeline
- (NS) Well Not Surveyed

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

Figure 4
Combined Inferred Groundwater Gradient Map
11/17/20 and 12/8/20 - 12/10/20
Plains Marketing, L.P.
Junction 34 to Lea / TNM 97-17
Lea County, NM

Scale: 1" = 80'
CAD By: CS
Checked By: CS
Draft: December 23, 2020
Lat. N 32° 33' 24.0" Long. W 103° 15' 37.3"

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


Benzene 0.916 mg/L
Toluene 0.0390 mg/L
Ethylbenzene 0.0791 mg/L
Xylene 0.1303 mg/L
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
Benzene 0.0108 mg/L
Toluene 0.00164 mg/L
Ethylbenzene <0.00100 mg/L
Xylene 0.00375 mg/L
Benzene 0.0284 mg/L
Toluene 0.00520mg/L
Ethylbenzene <0.00100 mg/L
Xylene 0.02118 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-1
MW-5
MW-11
MW-12
MW-10
(NS)
MW-4
MW-6
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-16
MW-7
0.32'
MW-13
Benzene 0.124 mg/L
Toluene <0.00100 mg/L
Ethylbenzene 0.0141 mg/L
Xylene 0.01161 mg/L
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 0.114 mg/L
Toluene <0.00100 mg/L
Ethylbenzene 0.00123 mg/L
Xylene <0.00200 mg/L
RW-3
MW-8
0.18'
MW-18
RW-5
Benzene 0.188 mg/L
Toluene 0.00166 mg/L
Ethylbenzene 0.00557 mg/L
Xylene 0.00899 mg/L
MW-14
Benzene 0.160 mg/L
Toluene 0.0116 mg/L
Ethylbenzene 0.157 mg/L
Xylene 0.06489 mg/L
MW-4 ∅
MW-4A
Benzene 0.00145 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
MW-15
RW-6
Benzene 0.0598 mg/L
Toluene 0.00353 mg/L
Ethylbenzene 0.00697 mg/L
Xylene 0.00551 mg/L
MW-5 ∅
MW-5A
Benzene 0.0559 mg/L
Toluene 0.0688 mg/L
Ethylbenzene 0.287 mg/L
Xylene 0.205 mg/L
RW-1
MW-19
Benzene 0.208 mg/L
Toluene 0.0578 mg/L
Ethylbenzene 0.240 mg/L
Xylene 0.1428 mg/L
MW-17
Benzene 0.00314 mg/L
Toluene 0.00313 mg/L
Ethylbenzene 0.00147 mg/L
Xylene 0.00349 mg/L
Benzene 0.0181 mg/L
Toluene 0.00206 mg/L
Ethylbenzene 0.00576 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 <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
MW-26
(NS)
MW-25
MW-20
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
MW-3
MW-2
Benzene 0.462 mg/L
Toluene 0.00885 mg/L
Ethylbenzene 0.0101 mg/L
Xylene 0.0310 mg/L
MW-28
MW-23
Benzene 0.162 mg/L
Toluene 0.00565 mg/L
Ethylbenzene 0.108 mg/L
Xylene 0.0299 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
MW-21
(NS)
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
MW-8
Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene <0.00100 mg/L
Xylene <0.00200 mg/L
MW-6 ∅
MW-6A
Benzene 0.00742 mg/L
Toluene 0.00117 mg/L
Ethylbenzene <0.00100 mg/L
Xylene 0.00259 mg/L
MW-24
(NS)
Benzene 0.764 mg/L
Toluene 0.00695 mg/L
Ethylbenzene 0.151 mg/L
Xylene 0.203 mg/L
Benzene 0.395 mg/L
Toluene 0.00635 mg/L
Ethylbenzene 0.00835 mg/L
Xylene 0.01224 mg/L
MW-7A
MW-22
(NS)
MW-10
Benzene 0.0783 mg/L
Toluene 0.00121 mg/L
Ethylbenzene <0.00100 mg/L
Xylene 0.00390 mg/L
MW-9
Benzene 0.0103 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
(11/17/2020 and 12/8/2020-12/10/2020)
Plains Marketing, L.P.
Junction 34 to Lea / TNM 97-17
Lea County, NM
Scale: 1" = 80'
CAD By: CS
Checked By: CS
Draft: January 5, 2021
Lat. N 32° 33' 24.0" Long. W 103° 15' 37.3"
TRC
10 Desta Drive, Suite 150E
Midland, Texas 79705
432.520.7720

Tables

TABLE 1

2020 Ground Water Elevation Data

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

	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 1	01/09/20	3,508.39	-	18.48	0.00	3,489.91
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-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 - 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

TABLE 1

2020 Ground Water Elevation Data

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

	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 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 - 4A	01/09/20	100.00	-	19.24	0.00	80.76
MW - 4A	01/21/20	100.00	-	19.20	0.00	80.80
MW - 4A	02/13/20	100.00	-	19.15	0.00	80.85
MW - 4A	02/20/20	100.00	-	19.23	0.00	80.77
MW - 4A	03/20/20	100.00	-	19.08	0.00	80.92
MW - 4A	05/11/20	100.00	-	18.87	0.00	81.13
MW - 4A	06/26/20	100.00	-	19.44	0.00	80.56
MW - 4A	08/28/20	100.00	-	19.91	0.00	80.09
MW - 4A	09/04/20	100.00	-	19.95	0.00	80.05
MW - 4A	09/15/20	100.00	-	19.98	0.00	80.02
MW - 4A	10/15/20	100.00	-	20.09	0.00	79.91
MW - 4A	10/29/20	100.00	-	20.11	0.00	79.89
MW - 4A	11/17/20	100.00	-	20.10	0.00	79.90
MW - 4A	12/23/20	100.00	-	20.02	0.00	79.98
MW - 5A	01/09/20	100.00	-	18.90	0.00	81.10
MW - 5A	01/21/20	100.00	-	18.82	0.00	81.18
MW - 5A	01/29/20	100.00	-	18.82	0.00	81.18
MW - 5A	02/13/20	100.00	-	18.78	0.00	81.22
MW - 5A	02/20/20	100.00	-	18.90	0.00	81.10
MW - 5A	03/20/20	100.00	-	18.74	0.00	81.26
MW - 5A	05/11/20	100.00	-	18.53	0.00	81.47
MW - 5A	06/26/20	100.00	-	19.04	0.00	80.96
MW - 5A	08/28/20	100.00	-	19.47	0.00	80.53
MW - 5A	09/04/20	100.00	-	19.55	0.00	80.45
MW - 5A	09/15/20	100.00	-	19.58	0.00	80.42
MW - 5A	10/15/20	100.00	-	19.66	0.00	80.34
MW - 5A	10/29/20	100.00	-	19.71	0.00	80.29
MW - 5A	11/17/20	100.00	-	19.71	0.00	80.29
MW - 5A	12/23/20	100.00	-	19.71	0.00	80.29
MW - 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

TABLE 1

2020 Ground Water Elevation Data

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

	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 6A	02/13/20	100.00	-	21.51	0.00	78.49
MW - 6A	02/20/20	100.00	-	21.55	0.00	78.45
MW - 6A	03/04/20	100.00	-	21.49	0.00	78.51
MW - 6A	03/20/20	100.00	-	21.42	0.00	78.58
MW - 6A	05/11/20	100.00	-	21.25	0.00	78.75
MW - 6A	06/26/20	100.00	-	21.67	0.00	78.33
MW - 6A	07/22/20	100.00	-	21.90	0.00	78.10
MW - 6A	08/28/20	100.00	-	22.11	0.00	77.89
MW - 6A	09/04/20	100.00	-	22.15	0.00	77.85
MW - 6A	09/15/20	100.00	-	22.19	0.00	77.81
MW - 6A	10/15/20	100.00	-	22.29	0.00	77.71
MW - 6A	10/29/20	100.00	-	22.34	0.00	77.66
MW - 6A	11/17/20	100.00	-	22.36	0.00	77.64
MW - 6A	11/30/20	100.00	-	22.38	0.00	77.62
MW - 6A	12/23/20	100.00	-	22.35	0.00	77.65
MW - 7A	01/09/20	100.00	-	19.07	0.00	80.93
MW - 7A	01/21/20	100.00	-	19.03	0.00	80.97
MW - 7A	02/13/20	100.00	-	19.01	0.00	80.99
MW - 7A	03/20/20	100.00	-	18.82	0.00	81.18
MW - 7A	05/11/20	100.00	-	18.76	0.00	81.24
MW - 7A	06/26/20	100.00	-	19.23	0.00	80.77
MW - 7A	07/22/20	100.00	-	19.44	0.00	80.56
MW - 7A	08/28/20	100.00	-	19.60	0.00	80.40
MW - 7A	09/15/20	100.00	-	19.68	0.00	80.32
MW - 7A	09/15/20	100.00	-	19.77	0.00	80.23
MW - 7A	10/29/20	100.00	-	19.80	0.00	80.20
MW - 7A	11/17/20	100.00	-	19.83	0.00	80.17
MW - 7A	11/30/20	100.00	-	19.85	0.00	80.15
MW - 7A	12/23/20	100.00	-	19.85	0.00	80.15
MW - 8	01/21/20	3,513.26	-	22.99	0.00	3,490.27
MW - 8	02/13/20	3,513.26	-	22.95	0.00	3,490.31
MW - 8	05/11/20	3,513.26	-	22.69	0.00	3,490.57
MW - 8	06/26/20	3,513.26	-	23.14	0.00	3,490.12
MW - 8	07/22/20	3,513.26	-	23.37	0.00	3,489.89
MW - 8	08/28/20	3,513.26	-	23.60	0.00	3,489.66
MW - 8	09/15/20	3,513.26	-	23.67	0.00	3,489.59
MW - 8	10/29/20	3,513.26	-	23.81	0.00	3,489.45
MW - 8	11/17/20	3,513.26	-	23.84	0.00	3,489.42
MW - 8	12/23/20	3,513.26	-	23.79	0.00	3,489.47

TABLE 1

2020 Ground Water Elevation Data

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

	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 9	01/21/20	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-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 - 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 - 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

TABLE 1

2020 Ground Water Elevation Data

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

	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 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

TABLE 2

2020 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	02/13/20	**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 - 2	02/13/20	**0.0231**	<0.00100	0.00761	0.00640	
MW - 2	06/26/20	**0.0275**	<0.00500	0.00873	0.00398	
MW - 2	09/15/20	**0.0237**	0.00175	0.0143	0.00667	
MW - 2	11/17/20	**0.0181**	0.00206	0.00576	<0.00200	
MW - 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-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 - 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 - 6A	02/13/20	**0.392**	0.00304	0.241	0.152	
MW - 6A	06/26/20	**0.853**	0.00837	0.179	0.1732	
MW - 6A	09/15/20	**0.678**	0.00568	0.182	0.15429	
MW - 6A	11/17/20	**0.764**	0.00695	0.151	0.203	
MW - 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 - 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	

TABLE 2

2020 CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 9	02/13/20	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 - 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 - 11A	02/13/20	0.00105	<0.00100	0.00188	<0.00200	
MW - 11A	06/26/20	<0.00100	<0.00500	<0.00100	<0.00200	
MW - 11A	09/15/20	<0.00100	<0.00100	<0.00200	<0.00400	
MW - 11A	11/17/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	02/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	06/26/20	<0.00100	<0.00500	<0.00100	<0.00200	
MW - 12	09/15/20	<0.00100	<0.00100	<0.00200	<0.00400	
MW - 12	11/17/20	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 3

2020 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	11/17/20	<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-2	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
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-4A	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5A	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
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-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-8	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11A	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 4

Historical Ground Water Elevation Data

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

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

TABLE 4

Historical Ground Water Elevation Data

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

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

TABLE 4

Historical Ground Water Elevation Data

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

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

TABLE 4

Historical Ground Water Elevation Data

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

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

TABLE 4

Historical Ground Water Elevation Data

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

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

TABLE 4

Historical Ground Water Elevation Data

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

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

TABLE 4

Historical Ground Water Elevation Data

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

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

TABLE 4

Historical Ground Water Elevation Data

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

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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 1	12/07/18	3,508.39	-	18.36	0.00	3,490.03
MW - 1	12/13/18	3,508.39	-	18.40	0.00	3,489.99
MW - 1	12/19/18	3,508.39	-	18.34	0.00	3,490.05
MW - 1	01/02/19	3,508.39	-	18.33	0.00	3,490.06
MW - 1	01/08/19	3,508.39	-	18.35	0.00	3,490.04
MW - 1	01/15/19	3,508.39	-	18.29	0.00	3,490.10
MW - 1	01/22/19	3,508.39	-	18.31	0.00	3,490.08
MW - 1	02/06/19	3,508.39	-	18.27	0.00	3,490.12
MW - 1	02/13/19	3,508.39	-	18.25	0.00	3,490.14
MW - 1	02/18/19	3,508.39	-	18.24	0.00	3,490.15
MW - 1	03/06/19	3,508.39	-	18.21	0.00	3,490.18
MW - 1	03/14/19	3,508.39	-	18.23	0.00	3,490.16
MW - 1	03/27/19	3,508.39	-	18.16	0.00	3,490.23
MW - 1	04/05/19	3,508.39	-	18.15	0.00	3,490.24
MW - 1	04/11/19	3,508.39	-	18.12	0.00	3,490.27
MW - 1	04/17/19	3,508.39	-	18.10	0.00	3,490.29
MW - 1	04/24/19	3,508.39	-	18.09	0.00	3,490.30
MW - 1	05/03/19	3,508.39	-	18.08	0.00	3,490.31
MW - 1	05/08/19	3,508.39	-	18.07	0.00	3,490.32
MW - 1	05/17/19	3,508.39	-	18.66	0.00	3,489.73
MW - 1	05/23/19	3,508.39	-	18.10	0.00	3,490.29
MW - 1	06/12/19	3,508.39	-	18.25	0.00	3,490.14
MW - 1	07/04/19	3,508.39	-	18.53	0.00	3,489.86
MW - 1	07/12/19	3,508.39	-	18.58	0.00	3,489.81
MW - 1	07/18/19	3,508.39	-	18.62	0.00	3,489.77
MW - 1	07/24/19	3,508.39	-	18.67	0.00	3,489.72
MW - 1	08/01/19	3,508.39	-	18.72	0.00	3,489.67
MW - 1	08/08/19	3,508.39	-	18.71	0.00	3,489.68
MW - 1	08/16/19	3,508.39	-	18.78	0.00	3,489.61
MW - 1	09/12/19	3,508.39	-	18.92	0.00	3,489.47
MW - 1	09/25/19	3,508.39	-	18.94	0.00	3,489.45
MW - 1	10/08/19	3,508.39	-	18.65	0.00	3,489.74
MW - 1	10/17/19	3,508.39	-	18.63	0.00	3,489.76
MW - 1	10/31/19	3,508.39	-	18.68	0.00	3,489.71
MW - 1	11/14/19	3,508.39	-	18.50	0.00	3,489.89
MW - 1	11/22/19	3,508.39	-	18.48	0.00	3,489.91
MW - 1	11/26/19	3,508.39	-	18.44	0.00	3,489.95
MW - 1	12/09/19	3,508.39	-	18.42	0.00	3,489.97
MW - 1	12/17/19	3,508.39	-	18.46	0.00	3,489.93
MW - 1	01/09/20	3,508.39	-	18.48	0.00	3,489.91
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 1	05/11/20	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 - 2	02/11/03	3,501.45	-	17.25	0.00	3,484.20
MW - 2	02/27/03	3,501.45	-	19.75	0.00	3,481.70
MW - 2	05/05/04	3,501.45	-	12.56	0.00	3,488.89
MW - 2	05/25/04	3,501.45	-	12.95	0.00	3,488.50
MW - 2	06/03/04	3,501.45	-	12.80	0.00	3,488.65
MW - 2	06/15/04	3,501.45	-	12.82	0.00	3,488.63
MW - 2	07/08/04	3,501.45	-	12.70	0.00	3,488.75
MW - 2	07/26/04	3,501.45	-	12.78	0.00	3,488.67
MW - 2	09/10/04	3,501.45	-	13.05	0.00	3,488.40
MW - 2	09/21/04	3,501.45	-	13.27	0.00	3,488.18
MW - 2	10/04/04	3,501.45	-	12.11	0.00	3,489.34
MW - 2	10/15/04	3,501.45	-	12.22	0.00	3,489.23
MW - 2	11/09/04	3,501.45	-	12.71	0.00	3,488.74
MW - 2	11/16/04	3,501.45	-	12.19	0.00	3,489.26
MW - 2	12/07/04	3,501.45	-	12.27	0.00	3,489.18
MW - 2	12/17/04	3,501.45	-	12.32	0.00	3,489.13
MW - 2	01/07/05	3,501.45	-	12.13	0.00	3,489.32
MW - 2	02/21/05	3,501.45	-	11.99	0.00	3,489.46
MW - 2	03/29/05	3,501.45	-	11.68	0.00	3,489.77
MW - 2	04/22/05	3,501.45	-	11.75	0.00	3,489.70
MW - 2	05/06/05	3,501.45	-	11.64	0.00	3,489.81
MW - 2	05/11/05	3,501.45	-	11.65	0.00	3,489.80
MW - 2	07/19/05	3,501.45	-	11.62	0.00	3,489.83
MW - 2	08/16/05	3,501.45	-	11.37	0.00	3,490.08
MW - 2	10/05/05	3,501.45	-	11.71	0.00	3,489.74
MW - 2	11/15/05	3,501.45	-	11.55	0.00	3,489.90
MW - 2	02/15/06	3,501.45	-	11.45	0.00	3,490.00
MW - 2	03/13/06	3,501.45	-	11.57	0.00	3,489.88
MW - 2	03/22/06	3,501.45	NOT SAMPLED			
MW - 2	05/23/06	3,501.45	-	11.44	0.00	3,490.01
MW - 2	07/20/06	3,501.45	-	11.77	0.00	3,489.68
MW - 2	08/09/06	3,501.45	-	11.65	0.00	3,489.80
MW - 2	10/18/06	3,501.45	-	11.25	0.00	3,490.20

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 2	11/27/06	3,501.45	-	11.31	0.00	3,490.14
MW - 2	12/11/06	3,501.45	-	11.36	0.00	3,490.09
MW - 2	01/04/07	3,501.45	-	11.29	0.00	3,490.16
MW - 2	02/16/07	3,501.45	-	11.11	0.00	3,490.34
MW - 2	03/20/07	3,501.45	-	11.04	0.00	3,490.41
MW - 2	06/04/07	3,501.45	-	10.92	0.00	3,490.53
MW - 2	08/22/07	3,501.45	-	11.57	0.00	3,489.88
MW - 2	11/29/07	3,501.45	-	11.30	0.00	3,490.15
MW - 2	02/26/08	3,501.45	-	11.17	0.00	3,490.28
MW - 2	05/22/08	3,501.45	-	11.18	0.00	3,490.27
MW - 2	08/28/08	3,501.45	-	12.93	0.00	3,488.52
MW - 2	11/20/08	3,501.45	-	11.46	0.00	3,489.99
MW - 2	02/16/09	3,501.45	-	11.31	0.00	3,490.14
MW - 2	05/29/09	3,501.45	-	19.72	0.00	3,481.73
MW - 2	06/11/09	3,501.45	-	19.83	0.00	3,481.62
MW - 2	06/18/09	3,501.45	-	19.89	0.00	3,481.56
MW - 2	06/25/09	3,501.45	-	19.49	0.00	3,481.96
MW - 2	07/02/09	3,501.45	-	20.19	0.00	3,481.26
MW - 2	07/09/09	3,501.45	-	19.85	0.00	3,481.60
MW - 2	07/13/09	3,501.45	-	19.86	0.00	3,481.59
MW - 2	07/24/09	3,501.45	-	20.18	0.00	3,481.27
MW - 2	07/29/09	3,501.45	-	20.19	0.00	3,481.26
MW - 2	07/31/09	3,501.45	-	20.20	0.00	3,481.25
MW - 2	08/06/09	3,501.45	-	20.22	0.00	3,481.23
MW - 2	08/13/09	3,501.45	-	20.22	0.00	3,481.23
MW - 2	08/21/09	3,501.45	-	20.23	0.00	3,481.22
MW - 2	09/18/09	3,501.45	-	20.39	0.00	3,481.06
MW - 2	09/29/09	3,501.45	-	19.87	0.00	3,481.58
MW - 2	10/06/09	3,501.45	-	19.86	0.00	3,481.59
MW - 2	10/20/09	3,501.45	-	20.47	0.00	3,480.98
MW - 2	10/27/09	3,501.45	-	20.46	0.00	3,480.99
MW - 2	10/27/09	3,501.45	-	20.62	0.00	3,480.83
MW - 2	11/13/09	3,501.45	-	20.50	0.00	3,480.95
MW - 2	12/16/09	3,501.45	-	20.46	0.00	3,480.99
MW - 2	12/21/09	3,501.45	-	20.68	0.00	3,480.77
MW - 2	01/05/10	3,501.45	-	20.56	0.00	3,480.89
MW - 2	01/22/10	3,501.45	-	20.34	0.00	3,481.11
MW - 2	02/04/10	3,501.45	-	19.39	0.00	3,482.06
MW - 2	03/01/10	3,501.45	-	20.34	0.00	3,481.11
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 2	04/05/10	3,501.45	-	20.36	0.00	3,481.09
MW - 2	04/14/10	3,501.45	-	20.36	0.00	3,481.09
MW - 2	04/16/10	3,501.45	-	20.38	0.00	3,481.07
MW - 2	04/19/10	3,501.45	-	20.10	0.00	3,481.35
MW - 2	04/26/10	3,501.45	-	20.12	0.00	3,481.33
MW - 2	05/06/10	3,501.45	-	20.00	0.00	3,481.45
MW - 2	05/14/10	3,501.45	-	20.55	0.00	3,480.90
MW - 2	05/21/10	3,501.45	-	20.38	0.00	3,481.07
MW - 2	05/24/10	3,501.45	-	20.36	0.00	3,481.09
MW - 2	06/08/10	3,501.45	-	20.03	0.00	3,481.42
MW - 2	06/16/10	3,501.45	-	20.15	0.00	3,481.30
MW - 2	06/29/10	3,501.45	sheen	20.24	0.00	3,481.21
MW - 2	07/08/10	3,501.45	sheen	19.83	0.00	3,481.62
MW - 2	07/13/10	3,501.45	sheen	19.67	0.00	3,481.78
MW - 2	07/22/10	3,501.45	sheen	19.58	0.00	3,481.87
MW - 2	07/30/10	3,501.45	sheen	19.49	0.00	3,481.96
MW - 2	08/04/10	3,501.45	sheen	19.47	0.00	3,481.98
MW - 2	08/05/10	3,501.45	-	19.42	0.00	3,482.03
MW - 2	08/19/10	3,501.45	sheen	19.52	0.00	3,481.93
MW - 2	08/27/10	3,501.45	sheen	19.52	0.00	3,481.93
MW - 2	09/03/10	3,501.45	sheen	19.58	0.00	3,481.87
MW - 2	09/09/10	3,501.45	-	19.59	0.00	3,481.86
MW - 2	09/17/10	3,501.45	sheen	19.52	0.00	3,481.93
MW - 2	10/01/10	3,501.45	-	19.60	0.00	3,481.85
MW - 2	10/04/10	3,501.45	-	19.59	0.00	3,481.86
MW - 2	10/13/10	3,501.45	sheen	19.77	0.00	3,481.68
MW - 2	10/19/10	3,501.45	-	19.57	0.00	3,481.88
MW - 2	10/26/10	3,501.45	-	19.54	0.00	3,481.91
MW - 2	11/04/10	3,501.45	-	19.42	0.00	3,482.03
MW - 2	11/05/10	3,501.45	sheen	19.75	0.00	3,481.70
MW - 2	11/12/10	3,501.45	sheen	19.92	0.00	3,481.53
MW - 2	11/19/10	3,501.45	sheen	19.88	0.00	3,481.57
MW - 2	12/10/10	3,501.45	sheen	31.94	0.00	3,469.51
MW - 2	12/13/10	3,501.45	-	33.82	0.00	3,467.63
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 2	08/02/11	3,501.45	-	19.42	0.00	3,482.03
MW - 2	08/03/11	3,501.45	-	20.43	0.00	3,481.02
MW - 2	08/18/11	3,501.45	-	20.62	0.00	3,480.83
MW - 2	08/24/11	3,501.45	-	20.68	0.00	3,480.77
MW - 2	08/29/11	3,501.45	-	20.48	0.00	3,480.97
MW - 2	09/07/11	3,501.45	-	20.64	0.00	3,480.81
MW - 2	09/14/11	3,501.45	-	20.65	0.00	3,480.80
MW - 2	10/26/11	3,501.45	-	20.64	0.00	3,480.81
MW - 2	11/21/11	3,501.45	-	20.55	0.00	3,480.90
MW - 2	11/28/11	3,501.45	-	20.57	0.00	3,480.88
MW - 2	12/12/11	3,501.45	-	20.56	0.00	3,480.89
MW - 2	01/10/12	3,501.45	-	20.51	0.00	3,480.94
MW - 2	01/17/12	3,501.45	-	19.49	0.00	3,481.96
MW - 2	01/25/12	3,501.45	-	20.49	0.00	3,480.96
MW - 2	02/01/12	3,501.45	-	20.43	0.00	3,481.02
MW - 2	02/13/12	3,501.45	-	20.36	0.00	3,481.09
MW - 2	03/07/12	3,501.45	-	20.28	0.00	3,481.17
MW - 2	03/19/12	3,501.45	-	20.25	0.00	3,481.20
MW - 2	03/28/12	3,501.45	-	20.20	0.00	3,481.25
MW - 2	04/04/12	3,501.45	-	20.19	0.00	3,481.26
MW - 2	04/11/12	3,501.45	-	20.17	0.00	3,481.28
MW - 2	04/18/12	3,501.45	-	20.15	0.00	3,481.30
MW - 2	04/25/12	3,501.45	-	20.15	0.00	3,481.30
MW - 2	05/03/12	3,501.45	-	20.19	0.00	3,481.26
MW - 2	05/09/12	3,501.45	-	20.22	0.00	3,481.23
MW - 2	05/16/12	3,501.45	-	20.24	0.00	3,481.21
MW - 2	05/24/12	3,501.45	-	20.21	0.00	3,481.24
MW - 2	06/01/12	3,501.45	-	20.20	0.00	3,481.25
MW - 2	06/06/12	3,501.45	-	20.18	0.00	3,481.27
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 2	11/14/12	3,501.45	-	20.60	0.00	3,480.85
MW - 2	02/14/13	3,501.45	-	20.47	0.00	3,480.98
MW - 2	03/19/13	3,501.45	-	20.41	0.00	3,481.04
MW - 2	04/04/13	3,501.45	-	20.37	0.00	3,481.08
MW - 2	04/09/13	3,501.45	-	20.35	0.00	3,481.10
MW - 2	04/17/13	3,501.45	-	20.36	0.00	3,481.09
MW - 2	04/23/13	3,501.45	-	20.35	0.00	3,481.10
MW - 2	04/30/13	3,501.45	-	20.33	0.00	3,481.12
MW - 2	05/08/13	3,501.45	-	20.31	0.00	3,481.14
MW - 2	05/09/13	3,501.45	-	20.32	0.00	3,481.13
MW - 2	05/14/13	3,501.45	-	20.32	0.00	3,481.13
MW - 2	05/22/13	3,501.45	-	20.29	0.00	3,481.16
MW - 2	05/29/13	3,501.45	-	20.32	0.00	3,481.13
MW - 2	06/05/13	3,501.45	-	20.36	0.00	3,481.09
MW - 2	06/11/13	3,501.45	-	20.39	0.00	3,481.06
MW - 2	06/19/13	3,501.45	-	20.41	0.00	3,481.04
MW - 2	06/28/13	3,501.45	-	19.51	0.00	3,481.94
MW - 2	07/01/13	3,501.45	-	20.61	0.00	3,480.84
MW - 2	07/11/13	3,501.45	-	20.69	0.00	3,480.76
MW - 2	07/23/13	3,501.45	-	20.71	0.00	3,480.74
MW - 2	07/30/13	3,501.45	-	20.69	0.00	3,480.76
MW - 2	08/08/13	3,501.45	-	20.61	0.00	3,480.84
MW - 2	08/14/13	3,501.45	-	20.70	0.00	3,480.75
MW - 2	08/22/13	3,501.45	-	20.75	0.00	3,480.70
MW - 2	08/27/13	3,501.45	-	20.77	0.00	3,480.68
MW - 2	09/05/13	3,501.45	-	20.84	0.00	3,480.61
MW - 2	09/10/13	3,501.45	-	20.91	0.00	3,480.54
MW - 2	09/17/13	3,501.45	-	20.94	0.00	3,480.51
MW - 2	09/24/13	3,501.45	-	20.80	0.00	3,480.65
MW - 2	10/07/13	3,501.45	-	20.98	0.00	3,480.47
MW - 2	10/23/13	3,501.45	-	20.86	0.00	3,480.59
MW - 2	10/30/13	3,501.45	-	20.86	0.00	3,480.59
MW - 2	11/06/13	3,501.45	-	20.83	0.00	3,480.62
MW - 2	11/14/13	3,501.45	-	20.73	0.00	3,480.72
MW - 2	11/21/13	3,501.45	-	20.73	0.00	3,480.72
MW - 2	12/12/13	3,501.45	-	20.67	0.00	3,480.78
MW - 2	12/19/13	3,501.45	-	20.63	0.00	3,480.82
MW - 2	12/24/13	3,501.45	-	20.62	0.00	3,480.83
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 2	02/24/14	3,509.87	-	20.51	0.00	3,489.36
MW - 2	03/17/14	3,509.87	-	20.48	0.00	3,489.39
MW - 2	03/25/14	3,509.87	-	20.48	0.00	3,489.39
MW - 2	04/02/14	3,509.87	-	20.45	0.00	3,489.42
MW - 2	04/16/14	3,509.87	-	20.40	0.00	3,489.47
MW - 2	04/22/14	3,509.87	-	20.39	0.00	3,489.48
MW - 2	04/29/14	3,509.87	-	20.43	0.00	3,489.44
MW - 2	05/06/14	3,509.87	-	20.37	0.00	3,489.50
MW - 2	05/07/14	3,509.87	-	20.39	0.00	3,489.48
MW - 2	05/13/14	3,509.87	-	20.42	0.00	3,489.45
MW - 2	05/21/14	3,509.87	-	20.41	0.00	3,489.46
MW - 2	05/29/14	3,509.87	-	20.45	0.00	3,489.42
MW - 2	06/05/14	3,509.87	-	20.52	0.00	3,489.35
MW-2	06/11/14	3,509.87	-	20.59	0.00	3,489.28
MW-2	06/16/14	3,509.87	-	20.66	0.00	3,489.21
MW-2	06/24/14	3,509.87	-	20.76	0.00	3,489.11
MW-2	07/01/14	3,509.87	-	20.86	0.00	3,489.01
MW-2	07/08/14	3,509.87	-	20.88	0.00	3,488.99
MW-2	07/15/14	3,509.87	-	20.93	0.00	3,488.94
MW-2	07/22/14	3,509.87	-	20.98	0.00	3,488.89
MW-2	07/23/14	3,509.87	-	20.98	0.00	3,488.89
MW-2	07/31/14	3,509.87	-	20.99	0.00	3,488.88
MW-2	08/07/14	3,509.87	-	21.03	0.00	3,488.84
MW-2	08/13/14	3,509.87	-	21.02	0.00	3,488.85
MW-2	08/16/14	3,509.87	-	21.50	0.00	3,488.37
MW-2	08/20/14	3,509.87	-	21.06	0.00	3,488.81
MW-2	08/27/14	3,509.87	-	21.09	0.00	3,488.78
MW-2	09/24/14	3,509.87	-	20.23	0.00	3,489.64
MW-2	10/01/14	3,509.87	-	19.95	0.00	3,489.92
MW-2	10/07/14	3,509.87	-	19.89	0.00	3,489.98
MW-2	10/14/14	3,509.87	-	19.82	0.00	3,490.05
MW-2	10/20/14	3,509.87	-	19.85	0.00	3,490.02
MW-2	10/27/14	3,509.87	-	19.85	0.00	3,490.02
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW-2	02/12/15	3,509.87	-	19.93	0.00	3,489.94
MW-2	02/12/15	3,509.87	-	19.89	0.00	3,489.98
MW-2	03/03/15	3,509.87	-	19.89	0.00	3,489.98
MW-2	03/09/15	3,509.87	-	19.89	0.00	3,489.98
MW-2	03/16/15	3,509.87	-	19.89	0.00	3,489.98
MW-2	03/23/15	3,509.87	-	19.89	0.00	3,489.98
MW-2	03/30/15	3,509.87	-	19.88	0.00	3,489.99
MW-2	04/04/15	3,509.87	-	19.90	0.00	3,489.97
MW-2	04/07/15	3,509.87	-	19.87	0.00	3,490.00
MW-2	04/13/15	3,509.87	-	19.87	0.00	3,490.00
MW-2	04/20/15	3,509.87	-	19.84	0.00	3,490.03
MW-2	04/27/15	3,509.87	-	19.85	0.00	3,490.02
MW-2	05/07/15	3,509.87	-	19.78	0.00	3,490.09
MW-2	05/11/15	3,509.87	-	19.77	0.00	3,490.10
MW-2	05/18/15	3,509.87	-	19.73	0.00	3,490.14
MW-2	05/21/15	3,509.87	-	19.75	0.00	3,490.12
MW-2	05/29/15	3,509.87	-	19.72	0.00	3,490.15
MW-2	06/03/15	3,509.87	-	19.68	0.00	3,490.19
MW-2	06/08/15	3,509.87	-	19.69	0.00	3,490.18
MW-2	06/15/15	3,509.87	-	19.72	0.00	3,490.15
MW-2	06/18/15	3,509.87	-	19.68	0.00	3,490.19
MW-2	06/25/15	3,509.87	-	19.70	0.00	3,490.17
MW-2	07/01/15	3,509.87	-	19.66	0.00	3,490.21
MW-2	07/03/15	3,509.87	-	19.69	0.00	3,490.18
MW-2	07/08/15	3,509.87	-	19.70	0.00	3,490.17
MW-2	07/14/15	3,509.87	-	19.74	0.00	3,490.13
MW-2	07/20/15	3,509.87	-	19.79	0.00	3,490.08
MW-2	07/28/15	3,509.87	-	19.88	0.00	3,489.99
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW-2	12/10/15	3,509.87	-	19.79	0.00	3,490.08
MW-2	01/05/16	3,509.87	-	19.77	0.00	3,490.10
MW-2	01/08/16	3,509.87	-	19.76	0.00	3,490.11
MW-2	01/12/16	3,509.87	-	19.80	0.00	3,490.07
MW-2	01/18/16	3,509.87	-	19.76	0.00	3,490.11
MW-2	01/25/16	3,509.87	-	19.77	0.00	3,490.10
MW-2	02/01/16	3,509.87	-	19.71	0.00	3,490.16
MW-2	02/04/16	3,509.87	-	19.76	0.00	3,490.11
MW-2	02/08/16	3,509.87	-	19.82	0.00	3,490.05
MW-2	02/15/16	3,509.87	-	19.74	0.00	3,490.13
MW-2	02/22/16	3,509.87	-	19.76	0.00	3,490.11
MW-2	03/03/16	3,509.87	-	19.70	0.00	3,490.17
MW-2	03/07/16	3,509.87	-	19.70	0.00	3,490.17
MW-2	03/10/16	3,509.87	-	19.69	0.00	3,490.18
MW-2	03/15/16	3,509.87	-	19.66	0.00	3,490.21
MW-2	03/21/16	3,509.87	-	19.63	0.00	3,490.24
MW-2	03/28/16	3,509.87	-	19.64	0.00	3,490.23
MW-2	04/06/16	3,509.87	-	19.66	0.00	3,490.21
MW-2	04/12/16	3,509.87	-	19.63	0.00	3,490.24
MW-2	04/18/16	3,509.87	-	19.62	0.00	3,490.25
MW-2	04/26/16	3,509.87	-	19.55	0.00	3,490.32
MW-2	05/02/16	3,509.87	-	19.55	0.00	3,490.32
MW-2	05/04/16	3,509.87	-	19.54	0.00	3,490.33
MW-2	05/12/16	3,509.87	-	19.55	0.00	3,490.32
MW-2	05/16/16	3,509.87	-	19.51	0.00	3,490.36
MW-2	05/23/16	3,509.87	-	19.58	0.00	3,490.29
MW-2	06/01/16	3,509.87	-	19.57	0.00	3,490.30
MW-2	06/07/16	3,509.87	-	19.60	0.00	3,490.27
MW-2	06/13/16	3,509.87	-	19.57	0.00	3,490.30
MW-2	06/17/16	3,509.87	-	19.77	0.00	3,490.10
MW-2	06/28/16	3,509.87	-	19.86	0.00	3,490.01
MW-2	07/07/16	3,509.87	-	19.92	0.00	3,489.95
MW-2	07/12/16	3,509.87	-	19.98	0.00	3,489.89
MW-2	07/19/16	3,509.87	-	20.05	0.00	3,489.82
MW-2	08/01/16	3,509.87	-	20.18	0.00	3,489.69
MW-2	08/08/16	3,509.87	-	20.23	0.00	3,489.64
MW-2	08/24/16	3,509.87	-	20.28	0.00	3,489.59
MW-2	08/31/16	3,509.87	-	20.13	0.00	3,489.74
MW-2	09/07/16	3,509.87	-	19.59	0.00	3,490.28
MW-2	09/13/16	3,509.87	-	19.49	0.00	3,490.38
MW-2	09/22/16	3,509.87	-	19.15	0.00	3,490.72
MW-2	10/14/16	3,509.87	-	19.11	0.00	3,490.76
MW-2	10/26/16	3,509.87	-	19.12	0.00	3,490.75
MW-2	11/03/16	3,509.87	-	19.16	0.00	3,490.71
MW-2	11/07/16	3,509.87	-	19.17	0.00	3,490.70

TABLE 4

Historical Ground Water Elevation Data

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

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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW-2	03/02/18	3,509.87	-	19.22	0.00	3,490.65
MW-2	03/07/18	3,509.87	-	19.22	0.00	3,490.65
MW-2	03/15/18	3,509.87	-	19.21	0.00	3,490.66
MW-2	03/28/18	3,509.87	-	19.22	0.00	3,490.65
MW-2	04/04/18	3,509.87	-	19.25	0.00	3,490.62
MW-2	04/12/18	3,509.87	-	19.16	0.00	3,490.71
MW-2	04/18/18	3,509.87	-	19.19	0.00	3,490.68
MW-2	04/26/18	3,509.87	-	19.19	0.00	3,490.68
MW-2	05/03/18	3,509.87	-	19.23	0.00	3,490.64
MW-2	05/10/18	3,509.87	-	19.20	0.00	3,490.67
MW-2	05/25/18	3,509.87	-	19.39	0.00	3,490.48
MW-2	05/31/18	3,509.87	-	19.48	0.00	3,490.39
MW-2	06/06/18	3,509.87	-	19.51	0.00	3,490.36
MW-2	06/13/18	3,509.87	-	19.59	0.00	3,490.28
MW-2	06/22/18	3,509.87	-	19.63	0.00	3,490.24
MW-2	07/05/18	3,509.87	-	19.77	0.00	3,490.10
MW-2	07/11/18	3,509.87	-	19.78	0.00	3,490.09
MW-2	07/19/18	3,509.87	-	19.81	0.00	3,490.06
MW-2	08/03/18	3,509.87	-	19.94	0.00	3,489.93
MW-2	08/17/18	3,509.87	-	20.01	0.00	3,489.86
MW-2	08/22/18	3,509.87	-	20.01	0.00	3,489.86
MW-2	08/30/18	3,509.87	-	20.05	0.00	3,489.82
MW-2	09/13/18	3,509.87	-	20.05	0.00	3,489.82
MW-2	09/19/18	3,509.87	-	19.97	0.00	3,489.90
MW-2	11/19/18	3,509.87	-	19.69	0.00	3,490.18
MW-2	11/26/18	3,509.87	-	19.68	0.00	3,490.19
MW-2	12/07/18	3,509.87	-	19.66	0.00	3,490.21
MW-2	12/13/18	3,509.87	-	19.69	0.00	3,490.18
MW-2	12/19/18	3,509.87	-	19.65	0.00	3,490.22
MW-2	01/02/19	3,509.87	-	19.62	0.00	3,490.25
MW-2	01/08/19	3,509.87	-	19.66	0.00	3,490.21
MW-2	01/15/19	3,509.87	-	19.58	0.00	3,490.29
MW-2	01/22/19	3,509.87	-	19.63	0.00	3,490.24
MW-2	02/06/19	3,509.87	-	19.53	0.00	3,490.34
MW-2	02/13/19	3,509.87	-	19.51	0.00	3,490.36
MW-2	03/06/19	3,509.87	-	19.47	0.00	3,490.40
MW-2	03/27/19	3,509.87	-	19.43	0.00	3,490.44
MW-2	04/05/19	3,509.87	-	19.43	0.00	3,490.44
MW-2	04/11/19	3,509.87	-	19.41	0.00	3,490.46
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW-2	07/12/19	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 - 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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	02/06/04	3,495.97	8.23	8.24	0.01	3,487.74
MW - 3	05/05/04	3,495.97	-	7.16	0.00	3,488.81
MW - 3	05/25/04	3,495.97	9.92	9.94	0.02	3,486.05
MW - 3	06/03/04	3,495.97	-	9.84	0.00	3,486.13
MW - 3	06/15/04	3,495.97	-	9.73	0.00	3,486.24
MW - 3	07/08/04	3,495.97	-	9.70	0.00	3,486.27
MW - 3	07/26/04	3,495.97	-	9.73	0.00	3,486.24
MW - 3	09/10/04	3,495.97	-	10.18	0.00	3,485.79
MW - 3	09/21/04	3,495.97	-	10.11	0.00	3,485.86
MW - 3	10/04/04	3,495.97	-	9.25	0.00	3,486.72
MW - 3	10/15/04	3,495.97	9.13	9.16	0.03	3,486.84
MW - 3	11/09/04	3,495.97	-	9.60	0.00	3,486.37
MW - 3	11/16/04	3,495.97	-	6.15	0.00	3,489.82
MW - 3	12/07/04	3,495.97	-	9.18	0.00	3,486.79
MW - 3	12/17/04	3,495.97	-	9.36	0.00	3,486.61
MW - 3	01/07/05	3,495.97	-	9.22	0.00	3,486.75
MW - 3	02/21/05	3,495.97	-	9.00	0.00	3,486.97
MW - 3	03/29/05	3,495.97	-	8.65	0.00	3,487.32
MW - 3	04/22/05	3,495.97	-	8.80	0.00	3,487.17
MW - 3	05/06/05	3,495.97	-	8.96	0.00	3,487.01
MW - 3	05/11/05	3,495.97	-	8.91	0.00	3,487.06
MW - 3	07/19/05	3,495.97	8.54	8.55	0.01	3,487.43
MW - 3	08/16/05	3,495.97	-	8.50	0.00	3,487.47
MW - 3	10/05/05	3,495.97	-	8.65	0.00	3,487.32
MW - 3	11/15/05	3,495.97	-	8.46	0.00	3,487.51
MW - 3	02/15/06	3,495.97	-	5.46	0.00	3,490.51
MW - 3	03/13/06	3,495.97	-	9.20	0.00	3,486.77
MW - 3	03/22/06	3,495.97	NOT SAMPLED			
MW - 3	05/23/06	3,495.97	-	8.52	0.00	3,487.45
MW - 3	07/20/06	3,495.97	-	8.85	0.00	3,487.12
MW - 3	08/09/06	3,495.97	NOT SAMPLED			
MW - 3	10/18/06	3,495.97	-	8.65	0.00	3,487.32
MW - 3	11/27/06	3,495.97	-	8.81	0.00	3,487.16
MW - 3	12/11/06	3,495.97	-	9.19	0.00	3,486.78
MW - 3	01/04/07	3,495.97	-	8.21	0.00	3,487.76
MW - 3	02/16/07	3,495.97		8.01	0.00	3,487.96
MW - 3	03/20/07	3,495.97	-	7.89	0.00	3,488.08
MW - 3	06/04/07	3,495.97	-	7.78	0.00	3,488.19
MW - 3	08/22/07	3,495.97	8.44	8.48	0.04	3,487.52
MW - 3	10/10/07	3,495.97	-	8.32	0.00	3,487.65
MW - 3	11/29/07	3,495.97	-	8.29	0.00	3,487.68
MW - 3	02/26/08	3,495.97	-	8.34	0.00	3,487.63
MW - 3	04/25/08	3,495.97	-	8.34	0.00	3,487.63
MW - 3	05/22/08	3,495.97	-	-	-	-
MW - 3	08/19/08	3,495.97	-	8.44	0.00	3,487.53

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	08/28/08	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
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

TABLE 4

Historical Ground Water Elevation Data

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

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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	07/25/11	3,495.97	-	20.53	0.00	3,475.44
MW - 3	08/02/11	3,495.97	-	20.00	0.00	3,475.97
MW - 3	08/03/11	3,495.97	-	20.94	0.00	3,475.03
MW - 3	08/18/11	3,495.97	-	20.25	0.00	3,475.72
MW - 3	08/24/11	3,495.97	-	20.31	0.00	3,475.66
MW - 3	08/29/11	3,495.97	-	20.05	0.00	3,475.92
MW - 3	09/07/11	3,495.97	-	21.12	0.00	3,474.85
MW - 3	09/14/11	3,495.97	-	21.12	0.00	3,474.85
MW - 3	10/26/11	3,495.97	-	21.25	0.00	3,474.72
MW - 3	11/21/11	3,495.97	-	21.05	0.00	3,474.92
MW - 3	11/28/11	3,495.97	-	21.12	0.00	3,474.85
MW - 3	12/12/11	3,495.97	-	21.13	0.00	3,474.84
MW - 3	01/10/12	3,495.97	-	21.01	0.00	3,474.96
MW - 3	01/17/12	3,495.97	-	21.23	0.00	3,474.74
MW - 3	01/25/12	3,495.97	-	21.09	0.00	3,474.88
MW - 3	02/01/12	3,495.97	-	21.06	0.00	3,474.91
MW - 3	02/13/12	3,495.97	-	20.94	0.00	3,475.03
MW - 3	03/07/12	3,495.97	-	20.90	0.00	3,475.07
MW - 3	03/19/12	3,495.97	-	20.84	0.00	3,475.13
MW - 3	03/28/12	3,495.97	-	20.62	0.00	3,475.35
MW - 3	04/04/12	3,495.97	-	20.72	0.00	3,475.25
MW - 3	04/11/12	3,495.97	-	20.66	0.00	3,475.31
MW - 3	04/18/12	3,495.97	-	20.73	0.00	3,475.24
MW - 3	04/25/12	3,495.97	-	20.64	0.00	3,475.33
MW - 3	05/03/12	3,495.97	-	20.69	0.00	3,475.28
MW - 3	05/09/12	3,495.97	-	20.75	0.00	3,475.22
MW - 3	05/16/12	3,495.97	-	20.79	0.00	3,475.18
MW - 3	05/24/12	3,495.97	-	20.76	0.00	3,475.21
MW - 3	06/01/12	3,495.97	-	20.70	0.00	3,475.27
MW - 3	06/06/12	3,495.97	-	20.71	0.00	3,475.26
MW - 3	06/14/12	3,495.97	-	20.80	0.00	3,475.17
MW - 3	06/20/12	3,495.97	-	20.91	0.00	3,475.06
MW - 3	06/26/12	3,495.97	-	20.83	0.00	3,475.14
MW - 3	07/11/12	3,495.97	-	21.05	0.00	3,474.92
MW - 3	07/18/12	3,495.97	-	21.11	0.00	3,474.86
MW - 3	08/02/12	3,495.97	-	21.21	0.00	3,474.76
MW - 3	08/07/12	3,495.97	-	21.20	0.00	3,474.77
MW - 3	08/17/12	3,495.97	-	21.29	0.00	3,474.68
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	11/01/12	3,495.97	-	21.20	0.00	3,474.77
MW - 3	11/14/12	3,495.97	-	21.09	0.00	3,474.88
MW - 3	02/14/13	3,495.97	-	20.89	0.00	3,475.08
MW - 3	03/19/13	3,495.97	-	20.85	0.00	3,475.12
MW - 3	04/04/13	3,495.97	-	20.89	0.00	3,475.08
MW - 3	04/09/13	3,495.97	-	20.85	0.00	3,475.12
MW - 3	04/17/13	3,495.97	-	20.89	0.00	3,475.08
MW - 3	04/23/13	3,495.97	-	20.82	0.00	3,475.15
MW - 3	04/30/13	3,495.97	-	20.78	0.00	3,475.19
MW - 3	05/08/13	3,495.97	-	20.79	0.00	3,475.18
MW - 3	05/09/13	3,495.97	-	20.79	0.00	3,475.18
MW - 3	05/14/13	3,495.97	-	20.76	0.00	3,475.21
MW - 3	05/22/13	3,495.97	-	20.73	0.00	3,475.24
MW - 3	05/29/13	3,495.97	-	20.78	0.00	3,475.19
MW - 3	06/05/13	3,495.97	-	20.77	0.00	3,475.20
MW - 3	06/11/13	3,495.97	-	20.87	0.00	3,475.10
MW - 3	06/19/13	3,495.97	-	20.92	0.00	3,475.05
MW - 3	06/28/13	3,495.97	-	20.96	0.00	3,475.01
MW - 3	07/01/13	3,495.97	-	21.11	0.00	3,474.86
MW - 3	07/11/13	3,495.97	-	21.14	0.00	3,474.83
MW - 3	07/23/13	3,495.97	-	21.19	0.00	3,474.78
MW - 3	07/30/13	3,495.97	-	21.19	0.00	3,474.78
MW - 3	08/08/13	3,495.97	-	21.04	0.00	3,474.93
MW - 3	08/14/13	3,495.97	-	21.14	0.00	3,474.83
MW - 3	08/22/13	3,495.97	-	21.99	0.00	3,473.98
MW - 3	08/27/13	3,495.97	-	21.27	0.00	3,474.70
MW - 3	09/05/13	3,495.97	-	21.30	0.00	3,474.67
MW - 3	09/10/13	3,495.97	-	21.38	0.00	3,474.59
MW - 3	09/17/13	3,495.97	-	21.38	0.00	3,474.59
MW - 3	09/24/13	3,495.97	-	21.39	0.00	3,474.58
MW - 3	10/07/13	3,495.97	-	21.46	0.00	3,474.51
MW - 3	10/23/13	3,495.97	-	21.34	0.00	3,474.63
MW - 3	10/30/13	3,495.97	-	21.33	0.00	3,474.64
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	02/10/14	3,510.51	-	20.97	0.00	3,489.54
MW - 3	02/24/14	3,510.51	-	20.93	0.00	3,489.58
MW - 3	03/17/14	3,510.51	-	20.90	0.00	3,489.61
MW - 3	03/25/14	3,510.51	-	20.92	0.00	3,489.59
MW - 3	04/02/14	3,510.51	-	20.91	0.00	3,489.60
MW - 3	04/16/14	3,510.51	-	20.83	0.00	3,489.68
MW - 3	04/22/14	3,510.51	-	20.83	0.00	3,489.68
MW - 3	04/29/14	3,510.51	-	20.85	0.00	3,489.66
MW - 3	05/06/14	3,510.51	-	20.80	0.00	3,489.71
MW - 3	05/07/14	3,510.51	-	20.85	0.00	3,489.66
MW - 3	05/13/14	3,510.51	-	20.84	0.00	3,489.67
MW - 3	05/21/14	3,510.51	-	20.85	0.00	3,489.66
MW - 3	05/29/14	3,510.51	-	20.90	0.00	3,489.61
MW - 3	06/05/14	3,510.51	-	20.96	0.00	3,489.55
MW - 3	06/11/14	3,510.51	-	21.04	0.00	3,489.47
MW - 3	06/16/14	3,510.51	-	21.12	0.00	3,489.39
MW - 3	06/24/14	3,510.51	-	21.19	0.00	3,489.32
MW - 3	07/01/14	3,510.51	-	21.29	0.00	3,489.22
MW - 3	07/08/14	3,510.51	-	21.34	0.00	3,489.17
MW - 3	07/15/14	3,510.51	-	20.40	0.00	3,490.11
MW - 3	07/22/14	3,510.51	-	21.47	0.00	3,489.04
MW - 3	07/23/14	3,510.51	-	21.47	0.00	3,489.04
MW - 3	07/31/14	3,510.51	-	21.55	0.00	3,488.96
MW - 3	08/07/14	3,510.51	-	21.48	0.00	3,489.03
MW - 3	08/13/14	3,510.51	-	21.50	0.00	3,489.01
MW - 3	08/16/14	3,510.51	-	21.51	0.00	3,489.00
MW - 3	07/31/14	3,510.51	-	21.53	0.00	3,488.98
MW - 3	08/27/14	3,510.51	-	21.56	0.00	3,488.95
MW - 3	09/24/14	3,510.51	-	20.92	0.00	3,489.59
MW - 3	10/01/14	3,510.51	-	20.54	0.00	3,489.97
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

TABLE 4

Historical Ground Water Elevation Data

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

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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	12/10/15	3,510.51	-	20.26	0.00	3,490.25
MW - 3	01/05/16	3,510.51	-	20.25	0.00	3,490.26
MW - 3	01/08/16	3,510.51	-	20.22	0.00	3,490.29
MW - 3	01/12/16	3,510.51	-	20.26	0.00	3,490.25
MW - 3	01/18/16	3,510.51	-	20.24	0.00	3,490.27
MW - 3	01/25/16	3,510.51	-	20.25	0.00	3,490.26
MW - 3	02/01/16	3,510.51	-	20.18	0.00	3,490.33
MW - 3	02/04/16	3,510.51	-	20.23	0.00	3,490.28
MW - 3	02/08/16	3,510.51	-	20.22	0.00	3,490.29
MW - 3	02/15/16	3,510.51	-	20.20	0.00	3,490.31
MW - 3	02/22/16	3,510.51	-	20.21	0.00	3,490.30
MW - 3	03/03/16	3,510.51	-	20.18	0.00	3,490.33
MW - 3	03/07/16	3,510.51	-	20.10	0.00	3,490.41
MW - 3	03/10/16	3,510.51	-	20.15	0.00	3,490.36
MW - 3	03/15/16	3,510.51	-	20.05	0.00	3,490.46
MW - 3	03/21/16	3,510.51	-	20.09	0.00	3,490.42
MW - 3	03/28/16	3,510.51	-	20.08	0.00	3,490.43
MW - 3	04/06/16	3,510.51	-	20.10	0.00	3,490.41
MW - 3	04/12/16	3,510.51	-	20.06	0.00	3,490.45
MW - 3	04/18/16	3,510.51	-	20.04	0.00	3,490.47
MW - 3	04/26/16	3,510.51	-	20.00	0.00	3,490.51
MW - 3	05/02/16	3,510.51	-	19.99	0.00	3,490.52
MW - 3	05/04/16	3,510.51	-	19.99	0.00	3,490.52
MW - 3	05/12/16	3,510.51	-	19.99	0.00	3,490.52
MW - 3	05/16/16	3,510.51	-	19.95	0.00	3,490.56
MW - 3	05/23/16	3,510.51	-	20.01	0.00	3,490.50
MW - 3	06/01/16	3,510.51	-	20.00	0.00	3,490.51
MW - 3	06/07/16	3,510.51	-	20.08	0.00	3,490.43
MW - 3	06/13/16	3,510.51	-	19.98	0.00	3,490.53
MW - 3	06/17/16	3,510.51	-	20.26	0.00	3,490.25
MW - 3	06/28/16	3,510.51	-	20.31	0.00	3,490.20
MW - 3	07/07/16	3,510.51	-	20.39	0.00	3,490.12
MW - 3	07/12/16	3,510.51	-	20.44	0.00	3,490.07
MW - 3	07/19/16	3,510.51	-	20.49	0.00	3,490.02
MW - 3	08/01/16	3,510.51	-	20.65	0.00	3,489.86
MW - 3	08/08/16	3,510.51	-	20.67	0.00	3,489.84
MW - 3	08/24/16	3,510.51	-	20.77	0.00	3,489.74
MW - 3	08/31/16	3,510.51	-	20.69	0.00	3,489.82
MW - 3	09/07/16	3,510.51	-	20.19	0.00	3,490.32
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	12/07/16	3,510.51	-	19.68	0.00	3,490.83
MW - 3	12/13/16	3,510.51	-	19.67	0.00	3,490.84
MW - 3	12/20/16	3,510.51	-	19.70	0.00	3,490.81
MW - 3	01/04/17	3,510.51	-	19.66	0.00	3,490.85
MW - 3	01/18/17	3,510.51	-	19.67	0.00	3,490.84
MW - 3	01/27/17	3,510.51	-	19.81	0.00	3,490.70
MW - 3	02/01/17	3,510.51	-	19.69	0.00	3,490.82
MW - 3	02/08/17	3,510.51	-	19.75	0.00	3,490.76
MW - 3	03/09/17	3,510.51	-	19.64	0.00	3,490.87
MW - 3	03/14/17	3,510.51	-	19.70	0.00	3,490.81
MW - 3	03/22/17	3,510.51	-	19.66	0.00	3,490.85
MW - 3	04/11/17	3,510.51	-	19.64	0.00	3,490.87
MW - 3	04/18/17	3,510.51	-	19.63	0.00	3,490.88
MW - 3	05/02/17	3,510.51	-	19.60	0.00	3,490.91
MW - 3	05/10/17	3,510.51	-	19.64	0.00	3,490.87
MW - 3	06/05/17	3,510.51	-	19.78	0.00	3,490.73
MW - 3	06/14/17	3,510.51	-	19.85	0.00	3,490.66
MW - 3	06/22/17	3,510.51	-	19.93	0.00	3,490.58
MW - 3	06/29/17	3,510.51	-	20.02	0.00	3,490.49
MW - 3	07/05/17	3,510.51	-	20.07	0.00	3,490.44
MW - 3	07/14/17	3,510.51	-	20.17	0.00	3,490.34
MW - 3	07/18/17	3,510.51	-	20.17	0.00	3,490.34
MW - 3	07/22/17	3,510.51	-	20.23	0.00	3,490.28
MW - 3	08/11/17	3,510.51	-	20.21	0.00	3,490.30
MW - 3	08/15/17	3,510.51	-	20.15	0.00	3,490.36
MW - 3	09/01/17	3,510.51	-	20.00	0.00	3,490.51
MW - 3	09/08/17	3,510.51	-	19.96	0.00	3,490.55
MW - 3	09/15/17	3,510.51	-	19.96	0.00	3,490.55
MW - 3	09/22/17	3,510.51	-	20.01	0.00	3,490.50
MW - 3	10/06/17	3,510.51	-	19.90	0.00	3,490.61
MW - 3	10/13/17	3,510.51	-	19.89	0.00	3,490.62
MW - 3	10/18/17	3,510.51	-	19.87	0.00	3,490.64
MW - 3	10/26/17	3,510.51	-	19.79	0.00	3,490.72
MW - 3	11/02/17	3,510.51	-	19.82	0.00	3,490.69
MW - 3	11/09/17	3,510.51	-	19.79	0.00	3,490.72
MW - 3	12/08/17	3,510.51	-	19.79	0.00	3,490.72
MW - 3	12/13/17	3,510.51	-	19.75	0.00	3,490.76
MW - 3	12/21/17	3,510.51	-	19.76	0.00	3,490.75
MW - 3	01/05/18	3,510.51	-	19.75	0.00	3,490.76
MW - 3	01/09/18	3,510.51	-	19.76	0.00	3,490.75
MW - 3	01/17/18	3,510.51	-	19.77	0.00	3,490.74
MW - 3	01/24/18	3,510.51	-	19.80	0.00	3,490.71
MW - 3	02/08/18	3,510.51	-	19.72	0.00	3,490.79
MW - 3	02/15/18	3,510.51	-	19.71	0.00	3,490.80
MW - 3	02/23/18	3,510.51	-	19.67	0.00	3,490.84

TABLE 4

Historical Ground Water Elevation Data

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

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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 3	06/12/19	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 - 4	05/25/04	3,509.01	-	20.16	0.00	3,488.85
MW - 4	06/03/04	3,509.01	-	19.13	0.00	3,489.88
MW - 4	06/15/04	3,509.01	-	19.13	0.00	3,489.88
MW - 4	07/08/04	3,509.01	-	19.06	0.00	3,489.95
MW - 4	07/26/04	3,509.01	-	19.21	0.00	3,489.80
MW - 4	09/10/04	3,509.01	-	19.46	0.00	3,489.55
MW - 4	09/21/04	3,509.01	-	19.35	0.00	3,489.66
MW - 4	10/04/04	3,509.01	-	19.35	0.00	3,489.66
MW - 4	10/15/04	3,509.01	-	18.81	0.00	3,490.20
MW - 4	11/09/04	3,509.01	-	18.89	0.00	3,490.12
MW - 4	11/16/04	3,509.01	-	18.83	0.00	3,490.18
MW - 4	12/07/04	3,509.01	-	18.70	0.00	3,490.31
MW - 4	12/17/04	3,509.01	-	18.71	0.00	3,490.30
MW - 4	01/07/05	3,509.01	-	18.48	0.00	3,490.53
MW - 4	02/21/05	3,509.01	-	18.27	0.00	3,490.74
MW - 4	03/29/05	3,509.01	-	18.02	0.00	3,490.99
MW - 4	04/22/05	3,509.01	-	18.07	0.00	3,490.94
MW - 4	05/06/05	3,509.01	-	17.94	0.00	3,491.07
MW - 4	05/11/05	3,509.01	-	17.96	0.00	3,491.05
MW - 4	07/19/05	3,509.01	-	18.13	0.00	3,490.88
MW - 4	08/16/05	3,509.01	-	18.21	0.00	3,490.80

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 4	10/05/05	3,509.01	-	18.14	0.00	3,490.87
MW - 4	11/15/05	3,509.01	-	17.91	0.00	3,491.10
MW - 4	02/15/06	3,509.01	-	17.76	0.00	3,491.25
MW - 4	03/13/06	3,509.01	-	17.80	0.00	3,491.21
MW - 4	03/22/06	3,509.01	NOT SAMPLED			
MW - 4	05/23/06	3,509.01	-	17.84	0.00	3,491.17
MW - 4	07/20/06	3,509.01	-	18.26	0.00	3,490.75
MW - 4	08/09/06	3,509.01	NOT SAMPLED			
MW - 4	10/18/06	3,509.01	-	17.64	0.00	3,491.37
MW - 4	11/27/06	3,509.01	-	17.66	0.00	3,491.35
MW - 4	01/04/07	3,509.01	-	17.57	0.00	3,491.44
MW - 4	02/16/07	3,509.01	-	17.42	0.00	3,491.59
MW - 4	03/20/07	3,509.01	-	17.29	0.00	3,491.72
MW - 4	06/04/07	3,509.01	-	17.19	0.00	3,491.82
MW - 4	08/22/07	3,509.01	-	17.94	0.00	3,491.07
MW - 4	11/29/07	3,509.01	-	17.63	0.00	3,491.38
MW - 4	02/26/08	3,509.01	-	17.48	0.00	3,491.53
MW - 4	05/22/08	3,509.01	-	17.42	0.00	3,491.59
MW - 4	08/28/08	3,509.01	-	18.21	0.00	3,490.80
MW - 4	11/20/08	3,509.01	-	17.74	0.00	3,491.27
MW - 4	02/16/09	3,509.01	-	17.57	0.00	3,491.44
MW - 4	05/29/09	3,509.01	-	19.26	0.00	3,489.75
MW - 4	08/06/09	3,509.01	-	19.74	0.00	3,489.27
MW - 4	11/10/09	3,509.01	-	20.08	0.00	3,488.93
MW - 4	01/05/10	3,509.01	-	19.90	0.00	3,489.11
MW - 4	02/04/10	3,509.01	-	19.84	0.00	3,489.17
MW - 4	05/06/10	3,509.01	-	19.38	0.00	3,489.63
MW - 4	08/05/10	3,509.01	-	19.02	0.00	3,489.99
MW - 4	11/04/10	3,509.01	-	19.04	0.00	3,489.97
MW - 4	02/09/11	3,509.01	-	19.02	0.00	3,489.99
MW - 4	05/03/11	3,509.01	-	19.04	0.00	3,489.97
MW - 4	08/02/11	3,509.01	-	19.02	0.00	3,489.99
MW - 4	11/21/11	3,509.01	-	20.10	0.00	3,488.91
MW - 4	02/13/12	3,509.01	-	19.87	0.00	3,489.14
MW - 4	05/24/12	3,509.01	-	19.68	0.00	3,489.33
MW - 4	08/07/12	3,509.01	-	20.12	0.00	3,488.89
MW - 4	11/14/12	3,509.01	-	20.13	0.00	3,488.88
MW - 4	02/14/13	3,509.01	-	19.94	0.00	3,489.07
MW - 4	05/09/13	3,509.01	-	19.78	0.00	3,489.23
MW - 4	08/08/13	3,509.01	-	20.15	0.00	3,488.86
MW - 4	11/21/13	3,509.01	-	20.22	0.00	3,488.79
MW - 4	02/24/14	**3,510.09**	-	19.99	0.00	3,490.10
MW - 4	05/07/14	3,510.09	-	19.85	0.00	3,490.24
MW - 4	07/22/14	3,510.09	-	20.57	0.00	3,489.52
MW - 4	08/16/14	3,510.09	-	20.67	0.00	3,489.42

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 4	10/27/14	3,510.09	-	19.53	0.00	3,490.56
MW - 4	11/11/14	3,510.09	-	19.53	0.00	3,490.56
MW - 4	02/12/15	3,510.09	-	19.45	0.00	3,490.64
MW - 4	03/09/15	3,510.09	-	19.42	0.00	3,490.67
MW - 4	04/04/15	3,510.09	-	19.39	0.00	3,490.70
MW - 4	05/18/15	3,510.09	-	19.25	0.00	3,490.84
MW - 4	06/18/15	3,510.09	-	19.23	0.00	3,490.86
MW - 4	07/03/15	3,510.09	-	19.29	0.00	3,490.80
MW - 4	08/17/15	3,510.09	-	19.74	0.00	3,490.35
MW - 4	09/24/15	3,510.09	-	19.87	0.00	3,490.22
MW - 4	10/23/15	3,510.09	-	19.64	0.00	3,490.45
MW - 4	11/12/15	3,510.09	-	19.49	0.00	3,490.60
MW - 4	12/10/15	3,510.09	-	19.37	0.00	3,490.72
MW - 4	01/08/16	3,510.09	-	19.32	0.00	3,490.77
MW - 4	02/04/16	3,510.09	-	19.27	0.00	3,490.82
MW - 4	03/10/16	3,510.09	-	19.21	0.00	3,490.88
MW - 4	04/26/16	3,510.09	-	19.08	0.00	3,491.01
MW - 4	05/04/16	3,510.09	-	19.06	0.00	3,491.03
MW - 4	06/28/16	3,510.09	-	19.46	0.00	3,490.63
MW - 4	07/12/16	3,510.09	-	19.65	0.00	3,490.44
MW - 4	08/17/16	**Plugged and Abandoned**				
MW - 4A	08/15/16	**Installed**				
MW - 4A		100.00	-	0.00	0.00	100.00
MW - 4A	08/24/16	100.00	-	19.94	0.00	80.06
MW - 4A	08/25/16	100.00	-	19.94	0.00	80.06
MW - 4A	08/31/16	100.00	-	19.75	0.00	80.25
MW - 4A	09/07/16	100.00	-	19.35	0.00	80.65
MW - 4A	09/13/16	100.00	-	19.20	0.00	80.80
MW - 4A	10/14/16	100.00	-	18.78	0.00	81.22
MW - 4A	10/26/16	100.00	-	18.77	0.00	81.23
MW - 4A	11/03/16	100.00	-	18.79	0.00	81.21
MW - 4A	11/07/16	100.00	-	18.77	0.00	81.23
MW - 4A	12/07/16	100.00	-	18.78	0.00	81.22
MW - 4A	12/13/16	100.00	-	18.77	0.00	81.23
MW - 4A	12/20/16	100.00	-	18.78	0.00	81.22
MW - 4A	01/04/17	100.00	-	18.76	0.00	81.24
MW - 4A	01/18/17	100.00	-	18.75	0.00	81.25
MW - 4A	01/27/17	100.00	-	18.80	0.00	81.20
MW - 4A	02/01/17	100.00	-	18.77	0.00	81.23
MW - 4A	02/08/17	100.00	-	18.76	0.00	81.24
MW - 4A	03/09/17	100.00	-	18.73	0.00	81.27
MW - 4A	03/14/17	100.00	-	18.71	0.00	81.29
MW - 4A	03/22/17	100.00	-	18.70	0.00	81.30
MW - 4A	04/11/17	100.00	-	18.68	0.00	81.32

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 4A	04/18/17	100.00	-	18.66	0.00	81.34
MW - 4A	05/02/17	100.00	-	18.62	0.00	81.38
MW - 4A	05/10/17	100.00	-	18.65	0.00	81.35
MW - 4A	06/05/17	100.00	-	18.82	0.00	81.18
MW - 4A	06/14/17	100.00	-	18.92	0.00	81.08
MW - 4A	06/22/17	100.00	-	19.04	0.00	80.96
MW - 4A	06/29/17	100.00	-	19.14	0.00	80.86
MW - 4A	07/05/17	100.00	-	19.20	0.00	80.80
MW - 4A	07/14/17	100.00	-	19.29	0.00	80.71
MW - 4A	07/18/17	100.00	-	19.31	0.00	80.69
MW - 4A	07/22/17	100.00	-	19.35	0.00	80.65
MW - 4A	08/11/17	100.00	-	19.33	0.00	80.67
MW - 4A	08/15/17	100.00	-	19.25	0.00	80.75
MW - 4A	09/01/17	100.00	-	19.12	0.00	80.88
MW - 4A	09/08/17	100.00	-	19.10	0.00	80.90
MW - 4A	09/15/17	100.00	-	19.10	0.00	80.90
MW - 4A	09/22/17	100.00	-	19.15	0.00	80.85
MW - 4A	10/06/17	100.00	-	19.04	0.00	80.96
MW - 4A	10/13/17	100.00	-	19.02	0.00	80.98
MW - 4A	10/18/17	100.00	-	18.97	0.00	81.03
MW - 4A	10/26/17	100.00	-	18.92	0.00	81.08
MW - 4A	11/02/17	100.00	-	18.94	0.00	81.06
MW - 4A	11/09/17	100.00	-	18.90	0.00	81.10
MW - 4A	12/08/17	100.00	-	18.86	0.00	81.14
MW - 4A	12/13/17	100.00	-	18.48	0.00	81.52
MW - 4A	12/21/17	100.00	-	18.83	0.00	81.17
MW - 4A	01/05/18	100.00	-	18.82	0.00	81.18
MW - 4A	01/09/18	100.00	-	18.82	0.00	81.18
MW - 4A	01/17/18	100.00	-	18.82	0.00	81.18
MW - 4A	01/24/18	100.00	-	18.82	0.00	81.18
MW - 4A	02/08/18	100.00	-	18.72	0.00	81.28
MW - 4A	02/15/18	100.00	-	18.64	0.00	81.36
MW - 4A	02/23/18	100.00	-	18.76	0.00	81.24
MW - 4A	03/02/18	100.00	-	18.73	0.00	81.27
MW - 4A	03/07/18	100.00	-	18.75	0.00	81.25
MW - 4A	03/15/18	100.00	-	18.72	0.00	81.28
MW - 4A	03/28/18	100.00	-	18.74	0.00	81.26
MW - 4A	04/04/18	100.00	-	18.71	0.00	81.29
MW - 4A	04/12/18	100.00	-	18.67	0.00	81.33
MW - 4A	04/18/18	100.00	-	18.69	0.00	81.31
MW - 4A	04/26/18	100.00	-	18.68	0.00	81.32
MW - 4A	05/03/18	100.00	-	18.69	0.00	81.31
MW - 4A	05/10/18	100.00	-	18.72	0.00	81.28
MW - 4A	05/25/18	100.00	-	18.93	0.00	81.07
MW - 4A	05/31/18	100.00	-	19.03	0.00	80.97

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 4A	06/06/18	100.00	-	19.09	0.00	80.91
MW - 4A	06/13/18	100.00	-	19.14	0.00	80.86
MW - 4A	06/22/18	100.00	-	19.20	0.00	80.80
MW - 4A	07/05/18	100.00	-	19.35	0.00	80.65
MW - 4A	07/11/18	100.00	-	19.38	0.00	80.62
MW - 4A	07/19/18	100.00	-	19.45	0.00	80.55
MW - 4A	08/03/18	100.00	-	19.56	0.00	80.44
MW - 4A	08/17/18	100.00	-	19.63	0.00	80.37
MW - 4A	08/22/18	100.00	-	19.65	0.00	80.35
MW - 4A	08/30/18	100.00	-	19.69	0.00	80.31
MW - 4A	09/13/18	100.00	-	19.65	0.00	80.35
MW - 4A	09/19/18	100.00	-	19.58	0.00	80.42
MW - 4A	10/17/18	100.00	-	19.58	0.00	80.42
MW - 4A	11/07/18	100.00	-	19.58	0.00	80.42
MW - 4A	11/19/18	100.00	-	19.26	0.00	80.74
MW - 4A	11/26/18	100.00	-	19.24	0.00	80.76
MW - 4A	12/07/18	100.00	-	19.21	0.00	80.79
MW - 4A	12/13/18	100.00	-	19.22	0.00	80.78
MW - 4A	12/19/18	100.00	-	19.17	0.00	80.83
MW - 4A	01/02/19	100.00	-	19.13	0.00	80.87
MW - 4A	01/05/19	100.00	-	19.15	0.00	80.85
MW - 4A	01/08/19	100.00	-	19.15	0.00	80.85
MW - 4A	01/15/19	100.00	-	19.10	0.00	80.90
MW - 4A	01/22/19	100.00	-	19.12	0.00	80.88
MW - 4A	02/06/19	100.00	-	19.05	0.00	80.95
MW - 4A	02/13/19	100.00	-	19.04	0.00	80.96
MW - 4A	02/18/19	100.00	-	19.03	0.00	80.97
MW - 4A	03/06/19	100.00	-	18.99	0.00	81.01
MW - 4A	03/27/19	100.00	-	18.94	0.00	81.06
MW - 4A	04/05/19	100.00	-	18.93	0.00	81.07
MW - 4A	04/11/19	100.00	-	18.90	0.00	81.10
MW - 4A	04/17/19	100.00	-	18.87	0.00	81.13
MW - 4A	04/24/19	100.00	-	18.85	0.00	81.15
MW - 4A	05/03/19	100.00	-	18.85	0.00	81.15
MW - 4A	05/08/19	100.00	-	18.83	0.00	81.17
MW - 4A	05/17/19	100.00	-	18.84	0.00	81.16
MW - 4A	06/12/19	100.00	-	19.08	0.00	80.92
MW - 4A	07/04/19	100.00	-	19.39	0.00	80.61
MW - 4A	07/12/19	100.00	-	19.44	0.00	80.56
MW - 4A	07/18/19	100.00	-	19.46	0.00	80.54
MW - 4A	08/08/19	100.00	-	19.61	0.00	80.39
MW - 4A	09/12/19	100.00	-	19.83	0.00	80.17
MW - 4A	10/08/19	100.00	-	19.66	0.00	80.34
MW - 4A	11/26/19	100.00	-	19.38	0.00	80.62
MW - 4A	12/09/19	100.00	-	19.30	0.00	80.70

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 4A	01/09/20	100.00	-	19.24	0.00	80.76
MW - 4A	01/21/20	100.00	-	19.20	0.00	80.80
MW - 4A	02/13/20	100.00	-	19.15	0.00	80.85
MW - 4A	02/20/20	100.00	-	19.23	0.00	80.77
MW - 4A	03/20/20	100.00	-	19.08	0.00	80.92
MW - 4A	05/11/20	100.00	-	18.87	0.00	81.13
MW - 4A	06/26/20	100.00	-	19.44	0.00	80.56
MW - 4A	08/28/20	100.00	-	19.91	0.00	80.09
MW - 4A	09/04/20	100.00	-	19.95	0.00	80.05
MW - 4A	09/15/20	100.00	-	19.98	0.00	80.02
MW - 4A	10/15/20	100.00	-	20.09	0.00	79.91
MW - 4A	10/29/20	100.00	-	20.11	0.00	79.89
MW - 4A	11/17/20	100.00	-	20.10	0.00	79.90
MW - 4A	12/23/20	100.00	-	20.02	0.00	79.98
MW - 5	05/25/04	3,508.74	-	20.08	0.00	3,488.66
MW - 5	06/03/04	3,508.74	-	20.00	0.00	3,488.74
MW - 5	06/15/04	3,508.74	-	20.03	0.00	3,488.71
MW - 5	07/08/04	3,508.74	-	19.93	0.00	3,488.81
MW - 5	07/26/04	3,508.74	-	20.06	0.00	3,488.68
MW - 5	09/10/04	3,508.74	-	20.26	0.00	3,488.48
MW - 5	09/21/04	3,508.74	-	20.34	0.00	3,488.40
MW - 5	10/04/04	3,508.74	-	19.55	0.00	3,489.19
MW - 5	10/15/04	3,508.74	-	19.52	0.00	3,489.22
MW - 5	11/09/04	3,508.74	-	19.67	0.00	3,489.07
MW - 5	11/16/04	3,508.74	-	19.41	0.00	3,489.33
MW - 5	12/07/04	3,508.74	-	19.45	0.00	3,489.29
MW - 5	12/17/04	3,508.74	-	19.44	0.00	3,489.30
MW - 5	01/07/05	3,508.74	-	19.30	0.00	3,489.44
MW - 5	02/21/05	3,508.74	-	19.11	0.00	3,489.63
MW - 5	03/29/05	3,508.74	-	18.86	0.00	3,489.88
MW - 5	04/22/05	3,508.74	-	18.91	0.00	3,489.83
MW - 5	05/06/05	3,508.74	-	18.89	0.00	3,489.85
MW - 5	05/11/05	3,508.74	-	18.80	0.00	3,489.94
MW - 5	07/19/05	3,508.74	-	19.92	0.00	3,488.82
MW - 5	08/16/05	3,508.74	-	18.81	0.00	3,489.93
MW - 5	10/05/05	3,508.74	-	18.90	0.00	3,489.84
MW - 5	11/15/05	3,508.74	-	18.75	0.00	3,489.99
MW - 5	02/15/06	3,508.74	-	18.62	0.00	3,490.12
MW - 5	03/13/06	3,508.74	-	18.62	0.00	3,490.12
MW - 5	03/22/06	3,508.74	NOT SAMPLED			
MW - 5	05/23/06	3,508.74	-	18.71	0.00	3,490.03
MW - 5	07/20/06	3,508.74	-	19.05	0.00	3,489.69
MW - 5	08/09/06	3,508.74	-	18.92	0.00	3,489.82
MW - 5	10/18/06	3,508.74	-	18.45	0.00	3,490.29

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 5	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
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 5	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
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 5	05/29/13	3,508.74	-	19.66	0.00	3,489.08
MW - 5	06/05/13	3,508.74	-	19.72	0.00	3,489.02
MW - 5	06/11/13	3,508.74	-	19.75	0.00	3,488.99
MW - 5	06/19/13	3,508.74	-	19.79	0.00	3,488.95
MW - 5	06/28/13	3,508.74	-	19.93	0.00	3,488.81
MW - 5	07/01/13	3,508.74	-	19.96	0.00	3,488.78
MW - 5	07/11/13	3,508.74	-	20.07	0.00	3,488.67
MW - 5	07/23/13	3,508.74	-	20.08	0.00	3,488.66
MW - 5	07/30/13	3,508.74	-	20.03	0.00	3,488.71
MW - 5	08/08/13	3,508.74	-	20.01	0.00	3,488.73
MW - 5	08/14/13	3,508.74	-	20.07	0.00	3,488.67
MW - 5	08/22/13	3,508.74	-	20.11	0.00	3,488.63
MW - 5	08/27/13	3,508.74	-	20.17	0.00	3,488.57
MW - 5	09/05/13	3,508.74	-	20.22	0.00	3,488.52
MW - 5	09/10/13	3,508.74	-	20.28	0.00	3,488.46
MW - 5	09/17/13	3,508.74	-	20.32	0.00	3,488.42
MW - 5	09/24/13	3,508.74	-	20.32	0.00	3,488.42
MW - 5	10/07/13	3,508.74	-	20.38	0.00	3,488.36
MW - 5	10/23/13	3,508.74	-	20.26	0.00	3,488.48
MW - 5	10/30/13	3,508.74	-	20.21	0.00	3,488.53
MW - 5	11/06/13	3,508.74	-	20.18	0.00	3,488.56
MW - 5	11/14/13	3,508.74	-	20.10	0.00	3,488.64
MW - 5	11/21/13	3,508.74	-	20.10	0.00	3,488.64
MW - 5	12/12/13	3,508.74	-	20.05	0.00	3,488.69
MW - 5	12/19/13	3,508.74	-	20.01	0.00	3,488.73
MW - 5	12/24/13	3,508.74	-	19.99	0.00	3,488.75
MW - 5	01/03/14	3,508.74	-	19.95	0.00	3,488.79
MW - 5	01/06/14	3,508.74	-	20.02	0.00	3,488.72
MW - 5	01/13/14	3,508.74	-	19.98	0.00	3,488.76
MW - 5	01/21/14	3,508.74	-	19.97	0.00	3,488.77
MW - 5	01/27/14	3,508.74	-	19.98	0.00	3,488.76
MW - 5	02/05/14	**3,509.64**	-	19.92	0.00	3,489.72
MW - 5	02/10/14	3,509.64	-	20.95	0.00	3,488.69
MW - 5	02/24/14	3,509.64	-	19.87	0.00	3,489.77
MW - 5	03/17/14	3,509.64	-	19.80	0.00	3,489.84
MW - 5	03/25/14	3,509.64	-	19.82	0.00	3,489.82
MW - 5	04/02/14	3,509.64	-	19.78	0.00	3,489.86
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 5	06/05/14	3,509.64	-	19.88	0.00	3,489.76
MW - 5	06/11/14	3,509.64	-	19.97	0.00	3,489.67
MW - 5	06/16/14	3,509.64	-	20.05	0.00	3,489.59
MW - 5	06/24/14	3,509.64	-	20.14	0.00	3,489.50
MW - 5	07/01/14	3,509.64	-	20.22	0.00	3,489.42
MW - 5	07/08/14	3,509.64	-	20.26	0.00	3,489.38
MW - 5	07/15/14	3,509.64	-	20.32	0.00	3,489.32
MW - 5	07/22/14	3,509.64	-	20.39	0.00	3,489.25
MW - 5	07/23/14	3,509.64	-	20.39	0.00	3,489.25
MW - 5	07/31/14	3,509.64	-	20.42	0.00	3,489.22
MW - 5	08/07/14	3,509.64	-	20.44	0.00	3,489.20
MW - 5	08/13/14	3,509.64	-	20.46	0.00	3,489.18
MW - 5	08/16/14	3,509.64	-	20.47	0.00	3,489.17
MW - 5	08/20/14	3,509.64	-	20.49	0.00	3,489.15
MW - 5	08/27/14	3,509.64	-	20.51	0.00	3,489.13
MW - 5	09/24/14	3,509.64	-	19.80	0.00	3,489.84
MW - 5	10/01/14	3,509.64	-	19.44	0.00	3,490.20
MW - 5	10/07/14	3,509.64	-	19.34	0.00	3,490.30
MW - 5	10/14/14	3,509.64	-	19.28	0.00	3,490.36
MW - 5	10/20/14	3,509.64	-	19.27	0.00	3,490.37
MW - 5	10/27/14	3,509.64	-	19.25	0.00	3,490.39
MW - 5	10/28/14	3,509.64	-	18.71	0.00	3,490.93
MW - 5	11/11/14	3,509.64	-	19.27	0.00	3,490.37
MW - 5	11/19/14	3,509.64	-	19.19	0.00	3,490.45
MW - 5	12/04/14	3,509.64	-	19.21	0.00	3,490.43
MW - 5	12/08/14	3,509.64	-	19.25	0.00	3,490.39
MW - 5	12/15/14	3,509.64	-	19.26	0.00	3,490.38
MW - 5	12/22/14	3,509.64	-	19.22	0.00	3,490.42
MW - 5	12/29/14	3,509.64	-	19.24	0.00	3,490.40
MW - 5	01/05/15	3,509.64	-	19.25	0.00	3,490.39
MW - 5	01/12/15	3,509.64	-	19.27	0.00	3,490.37
MW - 5	01/19/15	3,509.64	-	19.23	0.00	3,490.41
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.
34 Junction to Lea
Plains SRS #2002-10286

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 5	05/11/15	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
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 5	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
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 5A	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
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 5A	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
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 5A	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
MW - 5A	12/23/20	100.00	-	19.71	0.00	80.29
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 6	02/15/06	3,509.76	-	20.35	0.00	3,489.41
MW - 6	03/13/06	3,509.76	-	20.36	0.00	3,489.40
MW - 6	03/22/06	3,509.76	NOT SAMPLED			
MW - 6	05/23/06	3,509.76	-	20.32	0.00	3,489.44
MW - 6	07/20/06	3,509.76	-	20.63	0.00	3,489.13
MW - 6	08/09/06	3,509.76	-	20.50	0.00	3,489.26
MW - 6	10/18/06	3,509.76	-	20.08	0.00	3,489.68
MW - 6	11/27/06	3,509.76	-	20.06	0.00	3,489.70
MW - 6	12/11/06	3,509.76	-	36.60	0.00	3,473.16
MW - 6	01/04/06	3,509.76	-	20.17	0.00	3,489.59
MW - 6	02/16/07	3,509.76	-	19.89	0.00	3,489.87
MW - 6	03/20/07	3,509.76	-	19.82	0.00	3,489.94
MW - 6	06/04/07	3,509.76	-	19.75	0.00	3,490.01
MW - 6	08/22/07	3,509.76	-	20.38	0.00	3,489.38
MW - 6	11/29/07	3,509.76	-	20.11	0.00	3,489.65
MW - 6	02/26/08	3,509.76	-	20.01	0.00	3,489.75
MW - 6	05/22/08	3,509.76	-	19.92	0.00	3,489.84
MW - 6	08/28/08	3,509.76	-	20.69	0.00	3,489.07
MW - 6	11/20/08	3,509.76	-	20.24	0.00	3,489.52
MW - 6	02/16/09	3,509.76	-	20.09	0.00	3,489.67
MW - 6	05/29/09	3,509.76	-	20.59	0.00	3,489.17
MW - 6	08/06/09	3,509.76	-	21.07	0.00	3,488.69
MW - 6	11/10/09	3,509.76	-	21.43	0.00	3,488.33
MW - 6	01/05/09	3,509.76	-	21.32	0.00	3,488.44
MW - 6	02/04/10	3,509.76	-	21.24	0.00	3,488.52
MW - 6	05/06/10	3,509.76	-	21.28	0.00	3,488.48
MW - 6	08/05/10	3,509.76	-	19.83	0.00	3,489.93
MW - 6	11/04/10	3,509.76	-	19.82	0.00	3,489.94
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 6	05/22/13	3,509.76	-	20.66	0.00	3,489.10
MW - 6	05/29/13	3,509.76	-	20.68	0.00	3,489.08
MW - 6	06/11/13	3,509.76	-	20.73	0.00	3,489.03
MW - 6	06/19/13	3,509.76	-	20.76	0.00	3,489.00
MW - 6	06/28/13	3,509.76	-	20.87	0.00	3,488.89
MW - 6	07/01/13	3,509.76	-	20.90	0.00	3,488.86
MW - 6	07/11/13	3,509.76	-	20.99	0.00	3,488.77
MW - 6	07/23/13	3,509.76	-	21.07	0.00	3,488.69
MW - 6	07/30/13	3,509.76	-	21.03	0.00	3,488.73
MW - 6	08/08/13	3,509.76	-	20.97	0.00	3,488.79
MW - 6	08/14/13	3,509.76	-	21.03	0.00	3,488.73
MW - 6	08/22/13	3,509.76	-	21.06	0.00	3,488.70
MW - 6	08/27/13	3,509.76	-	21.12	0.00	3,488.64
MW - 6	09/05/13	3,509.76	-	21.19	0.00	3,488.57
MW - 6	09/10/13	3,509.76	-	21.24	0.00	3,488.52
MW - 6	09/17/13	3,509.76	-	21.26	0.00	3,488.50
MW - 6	09/24/13	3,509.76	-	21.25	0.00	3,488.51
MW - 6	10/07/13	3,509.76	-	21.31	0.00	3,488.45
MW - 6	10/23/13	3,509.76	-	21.26	0.00	3,488.50
MW - 6	10/30/13	3,509.76	-	21.23	0.00	3,488.53
MW - 6	11/06/13	3,509.76	-	21.21	0.00	3,488.55
MW - 6	11/14/13	3,509.76	-	21.18	0.00	3,488.58
MW - 6	11/21/13	3,509.76	-	21.10	0.00	3,488.66
MW - 6	12/12/13	3,509.76	-	21.06	0.00	3,488.70
MW - 6	12/19/13	3,509.76	-	21.04	0.00	3,488.72
MW - 6	12/24/13	3,509.76	-	21.00	0.00	3,488.76
MW - 6	01/03/14	3,509.76	-	20.95	0.00	3,488.81
MW - 6	01/06/14	3,509.76	-	21.03	0.00	3,488.73
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 6	06/05/14	3,510.17	-	20.87	0.00	3,489.30
MW - 6	06/11/14	3,510.17	-	20.97	0.00	3,489.20
MW - 6	06/16/14	3,510.17	-	21.00	0.00	3,489.17
MW - 6	07/22/14	3,510.17	-	21.36	0.00	3,488.81
MW - 6	08/16/14	3,510.17	-	21.44	0.00	3,488.73
MW - 6	10/27/14	3,510.17	-	20.33	0.00	3,489.84
MW - 6	11/11/14	3,510.17	-	20.33	0.00	3,489.84
MW - 6	02/12/15	3,510.17	-	20.33	0.00	3,489.84
MW - 6	03/09/15	3,510.17	-	20.28	0.00	3,489.89
MW - 6	04/04/15	3,510.17	-	20.27	0.00	3,489.90
MW - 6	05/18/15	3,510.17	-	20.16	0.00	3,490.01
MW - 6	06/18/15	3,510.17	-	20.08	0.00	3,490.09
MW - 6	07/03/15	3,510.17	-	20.08	0.00	3,490.09
MW - 6	08/17/15	3,510.17	-	20.44	0.00	3,489.73
MW - 6	09/24/15	3,510.17	-	20.59	0.00	3,489.58
MW - 6	10/23/15	3,510.17	-	20.45	0.00	3,489.72
MW - 6	11/12/15	3,510.17	-	20.31	0.00	3,489.86
MW - 6	12/10/15	3,510.17	-	20.20	0.00	3,489.97
MW - 6	01/08/16	3,510.17	-	20.15	0.00	3,490.02
MW - 6	02/04/16	3,510.17	-	20.13	0.00	3,490.04
MW - 6	03/10/16	3,510.17	-	20.06	0.00	3,490.11
MW - 6	04/26/16	3,510.17	-	19.98	0.00	3,490.19
MW - 6	05/04/16	3,510.17	-	19.94	0.00	3,490.23
MW - 6	06/28/16	3,510.17	-	20.15	0.00	3,490.02
MW - 6	07/12/16	3,510.17	-	20.32	0.00	3,489.85
MW - 6	08/18/16	**Plugged and Abandoned**				
MW - 6A	08/16/16	**Installed**				
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 6A	03/09/17	100.00	-	21.07	0.00	78.93
MW - 6A	03/14/17	100.00	-	21.06	0.00	78.94
MW - 6A	03/22/17	100.00	-	21.05	0.00	78.95
MW - 6A	04/11/17	100.00	-	21.04	0.00	78.96
MW - 6A	04/18/17	100.00	-	21.01	0.00	78.99
MW - 6A	05/02/17	100.00	-	20.99	0.00	79.01
MW - 6A	05/10/17	100.00	-	20.99	0.00	79.01
MW - 6A	06/05/17	100.00	-	21.09	0.00	78.91
MW - 6A	06/14/17	100.00	-	21.16	0.00	78.84
MW - 6A	06/22/17	100.00	-	19.83	0.00	80.17
MW - 6A	06/29/17	100.00	-	21.33	0.00	78.67
MW - 6A	07/05/17	100.00	-	21.40	0.00	78.60
MW - 6A	07/14/17	100.00	-	21.49	0.00	78.51
MW - 6A	07/18/17	100.00	-	21.51	0.00	78.49
MW - 6A	07/22/17	100.00	-	21.54	0.00	78.46
MW - 6A	08/11/17	100.00	-	21.56	0.00	78.44
MW - 6A	08/15/17	100.00	-	21.49	0.00	78.51
MW - 6A	09/01/17	100.00	-	21.38	0.00	78.62
MW - 6A	09/08/17	100.00	-	21.31	0.00	78.69
MW - 6A	09/15/17	100.00	-	21.34	0.00	78.66
MW - 6A	09/22/17	100.00	-	21.38	0.00	78.62
MW - 6A	10/06/17	100.00	-	21.30	0.00	78.70
MW - 6A	10/13/17	100.00	-	21.28	0.00	78.72
MW - 6A	10/18/17	100.00	-	21.27	0.00	78.73
MW - 6A	10/26/17	100.00	-	21.20	0.00	78.80
MW - 6A	11/02/17	100.00	-	21.21	0.00	78.79
MW - 6A	11/09/17	100.00	-	21.20	0.00	78.80
MW - 6A	12/08/17	100.00	-	21.20	0.00	78.80
MW - 6A	12/13/17	100.00	-	21.16	0.00	78.84
MW - 6A	12/21/17	100.00	-	21.16	0.00	78.84
MW - 6A	01/05/18	100.00	-	21.15	0.00	78.85
MW - 6A	01/09/18	100.00	-	21.14	0.00	78.86
MW - 6A	01/17/18	100.00	-	21.15	0.00	78.85
MW - 6A	01/24/18	100.00	-	21.15	0.00	78.85
MW - 6A	02/08/18	100.00	-	21.12	0.00	78.88
MW - 6A	02/15/18	100.00	-	21.10	0.00	78.90
MW - 6A	02/23/18	100.00	-	21.11	0.00	78.89
MW - 6A	03/02/18	100.00	-	21.11	0.00	78.89
MW - 6A	03/07/18	100.00	-	21.08	0.00	78.92
MW - 6A	03/15/18	100.00	-	21.06	0.00	78.94
MW - 6A	03/28/18	100.00	-	21.07	0.00	78.93
MW - 6A	04/04/18	100.00	-	21.08	0.00	78.92
MW - 6A	04/12/18	100.00	-	21.03	0.00	78.97
MW - 6A	04/18/18	100.00	-	21.07	0.00	78.93
MW - 6A	04/26/18	100.00	-	21.02	0.00	78.98

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 6A	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
MW - 6A	05/08/19	100.00	-	21.20	0.00	78.80
MW - 6A	05/17/19	100.00	-	21.20	0.00	78.80
MW - 6A	05/23/19	100.00	-	21.22	0.00	78.78
MW - 6A	05/31/19	100.00	-	21.28	0.00	78.72
MW - 6A	06/12/19	100.00	-	21.37	0.00	78.63
MW - 6A	06/18/19	100.00	-	21.44	0.00	78.56
MW - 6A	07/04/19	100.00	-	21.64	0.00	78.36
MW - 6A	07/12/19	100.00	-	21.71	0.00	78.29

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 6A	07/18/19	100.00	-	21.72	0.00	78.28
MW - 6A	07/24/19	100.00	-	21.76	0.00	78.24
MW - 6A	08/01/19	100.00	-	21.81	0.00	78.19
MW - 6A	08/08/19	100.00	-	21.84	0.00	78.16
MW - 6A	08/16/19	100.00	-	21.89	0.00	78.11
MW - 6A	08/22/19	100.00	-	21.95	0.00	78.05
MW - 6A	09/05/19	100.00	-	22.01	0.00	77.99
MW - 6A	09/12/19	100.00	-	22.05	0.00	77.95
MW - 6A	09/18/19	100.00	-	22.07	0.00	77.93
MW - 6A	09/25/19	100.00	-	22.07	0.00	77.93
MW - 6A	10/08/19	100.00	-	21.93	0.00	78.07
MW - 6A	10/17/19	100.00	-	21.85	0.00	78.15
MW - 6A	10/24/19	100.00	-	21.86	0.00	78.14
MW - 6A	11/14/19	100.00	-	21.74	0.00	78.26
MW - 6A	11/22/19	100.00	-	21.68	0.00	78.32
MW - 6A	11/26/19	100.00	-	21.66	0.00	78.34
MW - 6A	12/04/19	100.00	-	21.63	0.00	78.37
MW - 6A	12/09/19	100.00	-	21.63	0.00	78.37
MW - 6A	01/09/20	100.00	-	21.57	0.00	78.43
MW - 6A	01/17/20	100.00	-	21.55	0.00	78.45
MW - 6A	01/21/20	100.00	-	21.55	0.00	78.45
MW - 6A	01/29/20	100.00	-	21.53	0.00	78.47
MW - 6A	02/13/20	100.00	-	21.51	0.00	78.49
MW - 6A	02/20/20	100.00	-	21.55	0.00	78.45
MW - 6A	03/04/20	100.00	-	21.49	0.00	78.51
MW - 6A	03/20/20	100.00	-	21.42	0.00	78.58
MW - 6A	05/11/20	100.00	-	21.25	0.00	78.75
MW - 6A	06/26/20	100.00	-	21.67	0.00	78.33
MW - 6A	07/22/20	100.00	-	21.90	0.00	78.10
MW - 6A	08/28/20	100.00	-	22.11	0.00	77.89
MW - 6A	09/04/20	100.00	-	22.15	0.00	77.85
MW - 6A	09/15/20	100.00	-	22.19	0.00	77.81
MW - 6A	10/15/20	100.00	-	22.29	0.00	77.71
MW - 6A	10/29/20	100.00	-	22.34	0.00	77.66
MW - 6A	11/17/20	100.00	-	22.36	0.00	77.64
MW - 6A	11/30/20	100.00	-	22.38	0.00	77.62
MW - 6A	12/23/20	100.00	-	22.35	0.00	77.65
MW - 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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 7	10/04/04	3,507.38	-	19.25	0.00	3,488.13
MW - 7	10/15/04	3,507.38	-	19.07	0.00	3,488.31
MW - 7	11/09/04	3,507.38	-	19.09	0.00	3,488.29
MW - 7	11/16/04	3,507.38	-	19.10	0.00	3,488.28
MW - 7	12/07/04	3,507.38	-	18.94	0.00	3,488.44
MW - 7	12/17/04	3,507.38	-	18.89	0.00	3,488.49
MW - 7	01/07/05	3,507.38	-	18.79	0.00	3,488.59
MW - 7	02/21/05	3,507.38	-	18.57	0.00	3,488.81
MW - 7	03/29/05	3,507.38	-	18.23	0.00	3,489.15
MW - 7	04/22/05	3,507.38	-	18.33	0.00	3,489.05
MW - 7	05/06/05	3,507.38	-	18.23	0.00	3,489.15
MW - 7	05/11/05	3,507.38	-	18.24	0.00	3,489.14
MW - 7	07/19/05	3,507.38	-	18.24	0.00	3,489.14
MW - 7	08/16/05	3,507.38	-	18.35	0.00	3,489.03
MW - 7	10/05/05	3,507.38	-	18.25	0.00	3,489.13
MW - 7	11/15/05	3,507.38	-	18.14	0.00	3,489.24
MW - 7	02/15/06	3,507.38	-	18.04	0.00	3,489.34
MW - 7	03/13/06	3,507.38	-	18.05	0.00	3,489.33
MW - 7	03/22/06	3,507.38	NOT SAMPLED			
MW - 7	05/23/06	3,507.38	-	18.09	0.00	3,489.29
MW - 7	07/20/06	3,507.38	-	18.45	0.00	3,488.93
MW - 7	08/09/06	3,507.38	-	18.27	0.00	3,489.11
MW - 7	10/18/06	3,507.38	-	17.86	0.00	3,489.52
MW - 7	11/27/06	3,507.38	-	17.82	0.00	3,489.56
MW - 7	12/11/06	3,507.38	-	29.80	0.00	3,477.58
MW - 7	01/04/07	3,507.38	-	17.77	0.00	3,489.61
MW - 7	02/16/07	3,507.38	-	17.69	0.00	3,489.69
MW - 7	03/20/07	3,507.38	-	17.66	0.00	3,489.72
MW - 7	06/04/07	3,507.38	-	17.53	0.00	3,489.85
MW - 7	08/22/07	3,507.38	-	18.18	0.00	3,489.20
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 7	02/09/11	3,507.38	-	17.66	0.00	3,489.72
MW - 7	05/03/11	3,507.38	-	17.65	0.00	3,489.73
MW - 7	05/19/11	3,507.38	-	18.16	0.00	3,489.22
MW - 7	05/25/11	3,507.38	-	18.24	0.00	3,489.14
MW - 7	06/06/11	3,507.38	-	18.29	0.00	3,489.09
MW - 7	06/13/11	3,507.38	-	18.21	0.00	3,489.17
MW - 7	06/27/11	3,507.38	-	18.28	0.00	3,489.10
MW - 7	07/07/11	3,507.38	-	18.42	0.00	3,488.96
MW - 7	07/14/11	3,507.38	-	18.51	0.00	3,488.87
MW - 7	07/25/11	3,507.38	-	18.54	0.00	3,488.84
MW - 7	08/02/11	3,507.38	-	17.64	0.00	3,489.74
MW - 7	08/03/11	3,507.38	-	18.67	0.00	3,488.71
MW - 7	08/18/11	3,507.38	-	18.79	0.00	3,488.59
MW - 7	08/24/11	3,507.38	-	18.84	0.00	3,488.54
MW - 7	08/29/11	3,507.38	-	18.71	0.00	3,488.67
MW - 7	09/07/11	3,507.38	-	18.82	0.00	3,488.56
MW - 7	09/14/11	3,507.38	-	18.84	0.00	3,488.54
MW - 7	10/26/11	3,507.38	-	18.84	0.00	3,488.54
MW - 7	11/21/11	3,507.38	-	18.80	0.00	3,488.58
MW - 7	11/28/11	3,507.38	-	18.81	0.00	3,488.57
MW - 7	12/12/11	3,507.38	-	18.80	0.00	3,488.58
MW - 7	01/10/12	3,507.38	-	18.71	0.00	3,488.67
MW - 7	01/17/12	3,507.38	-	18.70	0.00	3,488.68
MW - 7	01/25/12	3,507.38	-	18.69	0.00	3,488.69
MW - 7	02/01/12	3,507.38	-	18.66	0.00	3,488.72
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 7	08/07/12	3,507.38	-	18.91	0.00	3,488.47
MW - 7	08/17/12	3,507.38	-	18.94	0.00	3,488.44
MW - 7	09/06/12	3,507.38	-	19.02	0.00	3,488.36
MW - 7	09/11/12	3,507.38	-	19.05	0.00	3,488.33
MW - 7	09/25/12	3,507.38	-	19.09	0.00	3,488.29
MW - 7	10/02/12	3,507.38	-	19.13	0.00	3,488.25
MW - 7	10/09/12	3,507.38	-	19.07	0.00	3,488.31
MW - 7	10/17/12	3,507.38	-	19.01	0.00	3,488.37
MW - 7	10/24/12	3,507.38	-	19.00	0.00	3,488.38
MW - 7	11/01/12	3,507.38	-	18.94	0.00	3,488.44
MW - 7	11/14/12	3,507.38	-	18.89	0.00	3,488.49
MW - 7	02/14/13	3,507.38	-	18.72	0.00	3,488.66
MW - 7	03/19/13	3,507.38	-	18.77	0.00	3,488.61
MW - 7	04/04/13	3,507.38	-	18.74	0.00	3,488.64
MW - 7	04/09/13	3,507.38	-	18.64	0.00	3,488.74
MW - 7	04/17/13	3,507.38	-	18.72	0.00	3,488.66
MW - 7	04/23/13	3,507.38	-	18.73	0.00	3,488.65
MW - 7	04/30/13	3,507.38	-	18.72	0.00	3,488.66
MW - 7	05/08/13	3,507.38	-	18.79	0.00	3,488.59
MW - 7	05/09/13	3,507.38	-	18.59	0.00	3,488.79
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 7	12/12/13	3,507.38	-	18.95	0.00	3,488.43
MW - 7	12/19/13	3,507.38	-	18.93	0.00	3,488.45
MW - 7	12/24/13	3,507.38	-	18.96	0.00	3,488.42
MW - 7	01/03/14	3,507.38	-	19.07	0.00	3,488.31
MW - 7	01/06/14	3,507.38	-	19.03	0.00	3,488.35
MW - 7	01/13/14	3,507.38	-	19.06	0.00	3,488.32
MW - 7	01/21/14	3,507.38	-	18.99	0.00	3,488.39
MW - 7	01/27/14	3,507.38	-	18.99	0.00	3,488.39
MW - 7	02/05/14	**3,507.54**	-	18.84	0.00	3,488.70
MW - 7	02/10/14	3,507.54	-	18.85	0.00	3,488.69
MW - 7	02/24/14	3,507.54	-	18.80	0.00	3,488.74
MW - 7	03/17/14	3,507.54	-	18.80	0.00	3,488.74
MW - 7	03/25/14	3,507.54	-	18.82	0.00	3,488.72
MW - 7	04/02/14	3,507.54	-	18.85	0.00	3,488.69
MW - 7	04/16/14	3,507.54	-	18.68	0.00	3,488.86
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 7	11/19/14	3,507.54	-	18.97	0.00	3,488.57
MW - 7	12/04/14	3,507.54	-	18.09	0.00	3,489.45
MW - 7	12/08/14	3,507.54	-	18.10	0.00	3,489.44
MW - 7	12/15/14	3,507.54	-	18.24	0.00	3,489.30
MW - 7	12/22/14	3,507.54	-	18.28	0.00	3,489.26
MW - 7	12/29/14	3,507.54	-	18.19	0.00	3,489.35
MW - 7	01/05/14	3,507.54	-	18.20	0.00	3,489.34
MW - 7	01/12/15	3,507.54	-	18.24	0.00	3,489.30
MW - 7	01/19/15	3,507.54	-	18.18	0.00	3,489.36
MW - 7	02/04/15	3,507.54	-	18.33	0.00	3,489.21
MW - 7	02/12/15	3,507.54	-	18.32	0.00	3,489.22
MW - 7	03/03/15	3,507.54	-	18.14	0.00	3,489.40
MW - 7	03/09/15	3,507.54	-	18.18	0.00	3,489.36
MW - 7	03/16/15	3,507.54	-	18.30	0.00	3,489.24
MW - 7	03/23/15	3,507.54	-	18.17	0.00	3,489.37
MW - 7	03/30/15	3,507.54	-	18.19	0.00	3,489.35
MW - 7	04/04/15	3,507.54	-	18.22	0.00	3,489.32
MW - 7	04/07/15	3,507.54	-	18.16	0.00	3,489.38
MW - 7	04/13/15	3,507.54	-	18.30	0.00	3,489.24
MW - 7	04/20/15	3,507.54	-	18.25	0.00	3,489.29
MW - 7	04/27/15	3,507.54	-	18.10	0.00	3,489.44
MW - 7	05/07/15	3,507.54	-	18.14	0.00	3,489.40
MW - 7	05/11/15	3,507.54	-	18.11	0.00	3,489.43
MW - 7	05/18/15	3,507.54	-	17.90	0.00	3,489.64
MW - 7	05/21/15	3,507.54	-	18.06	0.00	3,489.48
MW - 7	05/29/15	3,507.54	-	18.01	0.00	3,489.53
MW - 7	06/03/15	3,507.54	-	17.96	0.00	3,489.58
MW - 7	06/08/15	3,507.54	-	18.03	0.00	3,489.51
MW - 7	06/15/15	3,507.54	-	18.05	0.00	3,489.49
MW - 7	06/18/15	3,507.54	-	17.96	0.00	3,489.58
MW - 7	06/25/15	3,507.54	-	17.84	0.00	3,489.70
MW - 7	07/01/15	3,507.54	-	17.96	0.00	3,489.58
MW - 7	07/03/15	3,507.54	-	17.99	0.00	3,489.55
MW - 7	07/08/15	3,507.54	-	19.97	0.00	3,487.57
MW - 7	07/14/15	3,507.54	-	18.12	0.00	3,489.42
MW - 7	07/20/15	3,507.54	-	18.26	0.00	3,489.28
MW - 7	07/28/15	3,507.54	-	18.25	0.00	3,489.29
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 7	09/28/15	3,507.54	-	18.56	0.00	3,488.98
MW - 7	10/06/15	3,507.54	-	18.56	0.00	3,488.98
MW - 7	10/12/15	3,507.54	-	18.65	0.00	3,488.89
MW - 7	10/23/15	3,507.54	-	18.40	0.00	3,489.14
MW - 7	10/26/15	3,507.54	-	18.31	0.00	3,489.23
MW - 7	11/06/15	3,507.54	-	18.10	0.00	3,489.44
MW - 7	11/10/15	3,507.54	-	18.31	0.00	3,489.23
MW - 7	11/12/15	3,507.54	-	18.10	0.00	3,489.44
MW - 7	12/07/15	3,507.54	-	18.04	0.00	3,489.50
MW - 7	12/10/15	3,507.54	-	18.05	0.00	3,489.49
MW - 7	01/05/16	3,507.54	-	18.27	0.00	3,489.27
MW - 7	01/08/16	3,507.54	-	18.10	0.00	3,489.44
MW - 7	01/12/16	3,507.54	-	18.21	0.00	3,489.33
MW - 7	01/18/16	3,507.54	-	18.13	0.00	3,489.41
MW - 7	01/25/16	3,507.54	-	18.15	0.00	3,489.39
MW - 7	02/01/16	3,507.54	-	17.98	0.00	3,489.56
MW - 7	02/04/16	3,507.54	-	18.13	0.00	3,489.41
MW - 7	02/08/16	3,507.54	-	18.00	0.00	3,489.54
MW - 7	02/15/16	3,507.54	-	17.95	0.00	3,489.59
MW - 7	02/22/16	3,507.54	-	17.97	0.00	3,489.57
MW - 7	03/03/16	3,507.54	-	18.11	0.00	3,489.43
MW - 7	03/07/16	3,507.54	-	18.10	0.00	3,489.44
MW - 7	03/10/16	3,507.54	-	18.13	0.00	3,489.41
MW - 7	03/15/16	3,507.54	-	18.07	0.00	3,489.47
MW - 7	03/21/16	3,507.54	-	18.05	0.00	3,489.49
MW - 7	03/28/16	3,507.54	-	18.11	0.00	3,489.43
MW - 7	04/06/16	3,507.54	-	18.10	0.00	3,489.44
MW - 7	04/12/16	3,507.54	-	18.07	0.00	3,489.47
MW - 7	04/18/16	3,507.54	-	18.05	0.00	3,489.49
MW - 7	04/26/16	3,507.54	-	17.82	0.00	3,489.72
MW - 7	05/02/16	3,507.54	-	18.02	0.00	3,489.52
MW - 7	05/04/16	3,507.54	-	17.82	0.00	3,489.72
MW - 7	05/12/16	3,507.54	-	17.82	0.00	3,489.72
MW - 7	05/16/16	3,507.54	-	17.81	0.00	3,489.73
MW - 7	05/23/16	3,507.54	-	18.03	0.00	3,489.51
MW - 7	06/01/16	3,507.54	-	18.01	0.00	3,489.53
MW - 7	06/07/16	3,507.54	-	18.05	0.00	3,489.49
MW - 7	06/13/16	3,507.54	-	18.03	0.00	3,489.51
MW - 7	06/17/16	3,507.54	-	18.22	0.00	3,489.32
MW - 7	06/28/16	3,507.54	-	18.22	0.00	3,489.32
MW - 7	07/07/16	3,507.54	-	18.31	0.00	3,489.23
MW - 7	07/12/16	3,507.54	-	18.38	0.00	3,489.16
MW - 7	07/19/16	3,507.54	-	18.44	0.00	3,489.10
MW - 7	08/01/16	3,507.54	-	18.72	0.00	3,488.82
MW - 7	08/08/16	3,507.54	-	18.68	0.00	3,488.86

TABLE 4

Historical Ground Water Elevation Data

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

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

TABLE 4

Historical Ground Water Elevation Data

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

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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 7A	01/15/19	100.00	-	18.93	0.00	81.07
MW - 7A	01/22/19	100.00	-	18.93	0.00	81.07
MW - 7A	02/06/19	100.00	-	18.90	0.00	81.10
MW - 7A	02/13/19	100.00	-	18.88	0.00	81.12
MW - 7A	02/18/19	100.00	-	18.88	0.00	81.12
MW - 7A	03/06/19	100.00	-	18.86	0.00	81.14
MW - 7A	03/14/19	100.00	-	18.87	0.00	81.13
MW - 7A	03/27/19	100.00	-	18.79	0.00	81.21
MW - 7A	04/05/19	100.00	-	18.78	0.00	81.22
MW - 7A	04/11/19	100.00	-	18.75	0.00	81.25
MW - 7A	04/17/19	100.00	-	18.73	0.00	81.27
MW - 7A	05/03/19	100.00	-	18.72	0.00	81.28
MW - 7A	05/08/19	100.00	-	18.71	0.00	81.29
MW - 7A	05/17/19	100.00	-	18.72	0.00	81.28
MW - 7A	05/23/19	100.00	-	18.75	0.00	81.25
MW - 7A	06/12/19	100.00	-	18.89	0.00	81.11
MW - 7A	07/04/19	100.00	-	19.18	0.00	80.82
MW - 7A	07/12/19	100.00	-	19.19	0.00	80.81
MW - 7A	07/18/19	100.00	-	19.23	0.00	80.77
MW - 7A	08/01/19	100.00	-	19.30	0.00	80.70
MW - 7A	08/08/19	100.00	-	19.34	0.00	80.66
MW - 7A	09/12/19	100.00	-	19.54	0.00	80.46
MW - 7A	10/08/19	100.00	-	19.07	0.00	80.93
MW - 7A	11/26/19	100.00	-	19.02	0.00	80.98
MW - 7A	12/09/19	100.00	-	19.04	0.00	80.96
MW - 7A	01/09/20	100.00	-	19.07	0.00	80.93
MW - 7A	01/21/20	100.00	-	19.03	0.00	80.97
MW - 7A	02/13/20	100.00	-	19.01	0.00	80.99
MW - 7A	03/20/20	100.00	-	18.82	0.00	81.18
MW - 7A	05/11/20	100.00	-	18.76	0.00	81.24
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 - 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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 8	10/18/06	3,512.14	-	23.04	0.00	3,489.10
MW - 8	11/27/06	3,512.14	-	23.00	0.00	3,489.14
MW - 8	12/11/06	3,512.14	-	23.00	0.00	3,489.14
MW - 8	01/04/07	3,512.14	-	22.92	0.00	3,489.22
MW - 8	02/16/07	3,512.14	-	22.81	0.00	3,489.33
MW - 8	03/20/07	3,512.14	-	22.77	0.00	3,489.37
MW - 8	06/04/07	3,512.14	-	22.66	0.00	3,489.48
MW - 8	08/22/07	3,512.14	-	23.34	0.00	3,488.80
MW - 8	11/29/07	3,512.14	-	23.04	0.00	3,489.10
MW - 8	02/26/08	3,512.14	-	22.88	0.00	3,489.26
MW - 8	05/22/08	3,512.14	-	22.84	0.00	3,489.30
MW - 8	08/28/08	3,512.14	-	23.58	0.00	3,488.56
MW - 8	11/20/08	3,512.14	-	23.15	0.00	3,488.99
MW - 8	02/16/09	3,512.14	-	22.98	0.00	3,489.16
MW - 8	05/29/09	3,512.14	-	22.92	0.00	3,489.22
MW - 8	08/06/09	3,512.14	-	23.41	0.00	3,488.73
MW - 8	11/10/09	3,512.14	-	23.79	0.00	3,488.35
MW - 8	01/05/10	3,512.14	-	23.66	0.00	3,488.48
MW - 8	02/04/10	3,512.14	-	23.58	0.00	3,488.56
MW - 8	05/06/10	3,512.14	-	23.54	0.00	3,488.60
MW - 8	08/05/10	3,512.14	-	22.78	0.00	3,489.36
MW - 8	11/04/10	3,512.14	-	22.80	0.00	3,489.34
MW - 8	02/09/11	3,512.14	-	22.78	0.00	3,489.36
MW - 8	05/03/11	3,512.14	-	22.77	0.00	3,489.37
MW - 8	08/02/11	3,512.14	-	22.78	0.00	3,489.36
MW - 8	11/21/11	3,512.14	-	23.83	0.00	3,488.31
MW - 8	02/13/12	3,512.14	-	23.64	0.00	3,488.50
MW - 8	05/24/12	3,512.14	-	23.46	0.00	3,488.68
MW - 8	08/07/12	3,512.14	-	23.90	0.00	3,488.24
MW - 8	11/14/12	3,512.14	-	23.92	0.00	3,488.22
MW - 8	02/14/13	3,512.14	-	23.71	0.00	3,488.43
MW - 8	05/09/13	3,512.14	-	23.56	0.00	3,488.58
MW - 8	08/08/13	3,512.14	-	23.89	0.00	3,488.25
MW - 8	11/21/13	3,512.14	-	24.02	0.00	3,488.12
MW - 8	02/24/14	**3,513.26**	-	23.79	0.00	3,489.47
MW - 8	05/07/14	3,513.26	-	23.65	0.00	3,489.61
MW - 8	07/22/14	3,513.26	-	24.26	0.00	3,489.00
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 8	07/03/15	3,513.26	-	23.03	0.00	3,490.23
MW - 8	08/17/15	3,513.26	-	23.40	0.00	3,489.86
MW - 8	09/24/15	3,513.26	-	23.56	0.00	3,489.70
MW - 8	10/23/15	3,513.26	-	23.42	0.00	3,489.84
MW - 8	11/12/15	3,513.26	-	23.27	0.00	3,489.99
MW - 8	12/10/15	3,513.26	-	23.20	0.00	3,490.06
MW - 8	01/08/16	3,513.26	-	23.09	0.00	3,490.17
MW - 8	02/04/16	3,513.26	-	23.06	0.00	3,490.20
MW - 8	03/10/16	3,513.26	-	23.00	0.00	3,490.26
MW - 8	04/26/16	3,513.26	-	22.89	0.00	3,490.37
MW - 8	05/04/16	3,513.26	-	22.88	0.00	3,490.38
MW - 8	06/28/16	3,513.26	-	23.12	0.00	3,490.14
MW - 8	07/12/16	3,513.26	-	23.29	0.00	3,489.97
MW - 8	08/17/16	3,513.26	-	0.00	0.00	3,513.26
MW - 8	08/24/16	3,513.26	-	23.63	0.00	3,489.63
MW - 8	09/07/16	3,513.26	-	23.20	0.00	3,490.06
MW - 8	10/14/16	3,513.26	-	22.61	0.00	3,490.65
MW - 8	11/07/16	3,513.26	-	22.58	0.00	3,490.68
MW - 8	12/07/16	3,513.26	-	22.58	0.00	3,490.68
MW - 8	12/20/16	3,513.26	-	22.58	0.00	3,490.68
MW - 8	01/18/17	3,513.26	-	22.57	0.00	3,490.69
MW - 8	02/08/17	3,513.26	-	22.56	0.00	3,490.70
MW - 8	03/14/17	3,513.26	-	22.52	0.00	3,490.74
MW - 8	05/02/17	3,513.26	-	22.45	0.00	3,490.81
MW - 8	05/10/17	3,513.26	-	22.45	0.00	3,490.81
MW - 8	06/22/17	3,513.26	-	22.73	0.00	3,490.53
MW - 8	07/05/17	3,513.26	-	22.87	0.00	3,490.39
MW - 8	08/15/17	3,513.26	-	22.49	0.00	3,490.77
MW - 8	09/08/17	3,513.26	-	22.82	0.00	3,490.44
MW - 8	10/18/17	3,513.26	-	22.74	0.00	3,490.52
MW - 8	11/09/17	3,513.26	-	22.69	0.00	3,490.57
MW - 8	12/21/17	3,513.26	-	22.61	0.00	3,490.65
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 8	02/06/19	3,513.26	-	22.85	0.00	3,490.41
MW - 8	03/06/19	3,513.26	-	22.80	0.00	3,490.46
MW - 8	04/05/19	3,513.26	-	22.74	0.00	3,490.52
MW - 8	05/08/19	3,513.26	-	22.64	0.00	3,490.62
MW - 8	06/12/19	3,513.26	-	22.82	0.00	3,490.44
MW - 8	07/04/19	3,513.26	-	23.10	0.00	3,490.16
MW - 8	08/08/19	3,513.26	-	23.32	0.00	3,489.94
MW - 8	09/12/19	3,513.26	-	23.52	0.00	3,489.74
MW - 8	10/08/19	3,513.26	-	23.45	0.00	3,489.81
MW - 8	11/26/19	3,513.26	-	23.14	0.00	3,490.12
MW - 8	12/09/19	3,513.26	-	23.10	0.00	3,490.16
MW - 8	01/21/20	3,513.26	-	22.99	0.00	3,490.27
MW - 8	02/13/20	3,513.26	-	22.95	0.00	3,490.31
MW - 8	05/11/20	3,513.26	-	22.69	0.00	3,490.57
MW - 8	06/26/20	3,513.26	-	23.14	0.00	3,490.12
MW - 8	07/22/20	3,513.26	-	23.37	0.00	3,489.89
MW - 8	08/28/20	3,513.26	-	23.60	0.00	3,489.66
MW - 8	09/15/20	3,513.26	-	23.67	0.00	3,489.59
MW - 8	10/29/20	3,513.26	-	23.81	0.00	3,489.45
MW - 8	11/17/20	3,513.26	-	23.84	0.00	3,489.42
MW - 8	12/23/20	3,513.26	-	23.79	0.00	3,489.47
MW - 9	03/16/06	3,509.34	WELL INSTALLED 3/16/2006			N/A
MW - 9	03/22/06	3,509.34	-	21.07	0.00	3,488.27
MW - 9	05/23/06	3,509.34	-	21.42	0.00	3,487.92
MW - 9	07/20/06	3,509.34	-	21.81	0.00	3,487.53
MW - 9	08/09/06	3,509.34	-	21.61	0.00	3,487.73
MW - 9	10/18/06	3,509.34	-	21.31	0.00	3,488.03
MW - 9	11/27/06	3,509.34	-	21.16	0.00	3,488.18
MW - 9	12/11/06	3,509.34	-	21.23	0.00	3,488.11
MW - 9	01/04/07	3,509.34	-	21.11	0.00	3,488.23
MW - 9	02/16/07	3,509.34	-	20.99	0.00	3,488.35
MW - 9	03/20/07	3,509.34	-	20.94	0.00	3,488.40
MW - 9	06/04/07	3,509.34	-	20.87	0.00	3,488.47
MW - 9	08/22/07	3,509.34	-	21.50	0.00	3,487.84
MW - 9	11/29/07	3,509.34	-	21.19	0.00	3,488.15
MW - 9	02/26/08	3,509.34	-	21.08	0.00	3,488.26
MW - 9	05/22/08	3,509.34	-	21.10	0.00	3,488.24
MW - 9	08/28/08	3,509.34	-	21.74	0.00	3,487.60
MW - 9	11/20/08	3,509.34	-	21.36	0.00	3,487.98
MW - 9	02/16/09	3,509.34	-	21.12	0.00	3,488.22
MW - 9	05/29/09	3,509.34	-	21.17	0.00	3,488.17
MW - 9	08/06/09	3,509.34	-	21.59	0.00	3,487.75
MW - 9	11/10/09	3,509.34	-	21.95	0.00	3,487.39
MW - 9	01/05/10	3,509.34	-	21.88	0.00	3,487.46

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 9	02/04/10	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
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 9	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
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 9	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 - 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
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

TABLE 4

Historical Ground Water Elevation Data

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

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

TABLE 4

Historical Ground Water Elevation Data

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

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

TABLE 4

Historical Ground Water Elevation Data

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

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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW-10	04/04/15	3,507.79	-	18.66	0.00	3,489.13
MW-10	04/07/15	3,507.79	-	18.61	0.00	3,489.18
MW-10	04/13/15	3,507.79	-	18.66	0.00	3,489.13
MW-10	04/20/15	3,507.79	-	18.68	0.00	3,489.11
MW-10	04/27/15	3,507.79	-	18.60	0.00	3,489.19
MW-10	05/07/15	3,507.79	-	18.54	0.00	3,489.25
MW-10	05/11/15	3,507.79	-	18.29	0.00	3,489.50
MW-10	05/18/15	3,507.79	-	18.28	0.00	3,489.51
MW-10	05/21/15	3,507.79	-	18.32	0.00	3,489.47
MW-10	05/29/15	3,507.79	-	18.37	0.00	3,489.42
MW-10	06/03/15	3,507.79	-	18.36	0.00	3,489.43
MW-10	06/08/15	3,507.79	-	18.40	0.00	3,489.39
MW-10	06/15/15	3,507.79	-	18.43	0.00	3,489.36
MW-10	06/18/15	3,507.79	-	18.26	0.00	3,489.53
MW-10	06/25/15	3,507.79	-	18.30	0.00	3,489.49
MW-10	07/01/15	3,507.79	-	18.32	0.00	3,489.47
MW-10	07/03/15	3,507.79	-	18.34	0.00	3,489.45
MW-10	07/08/15	3,507.79	-	19.39	0.00	3,488.40
MW-10	07/14/15	3,507.79	-	18.47	0.00	3,489.32
MW-10	07/20/15	3,507.79	-	18.58	0.00	3,489.21
MW-10	07/28/15	3,507.79	-	18.65	0.00	3,489.14
MW-10	08/04/15	3,507.79	-	18.69	0.00	3,489.10
MW-10	08/10/15	3,507.79	-	18.77	0.00	3,489.02
MW-10	08/17/15	3,507.79	-	18.83	0.00	3,488.96
MW-10	08/25/15	3,507.79	-	18.70	0.00	3,489.09
MW-10	08/31/15	3,507.79	-	18.73	0.00	3,489.06
MW-10	09/08/15	3,507.79	-	18.77	0.00	3,489.02
MW-10	09/15/15	3,507.79	-	18.86	0.00	3,488.93
MW-10	09/24/15	3,507.79	-	18.94	0.00	3,488.85
MW-10	09/28/15	3,507.79	-	18.94	0.00	3,488.85
MW-10	10/06/15	3,507.79	-	18.94	0.00	3,488.85
MW-10	10/12/15	3,507.79	-	18.81	0.00	3,488.98
MW-10	10/23/15	3,507.79	-	18.73	0.00	3,489.06
MW-10	10/26/15	3,507.79	-	18.60	0.00	3,489.19
MW-10	11/06/15	3,507.79	-	18.55	0.00	3,489.24
MW-10	11/10/15	3,507.79	-	18.47	0.00	3,489.32
MW-10	11/12/15	3,507.79	-	18.57	0.00	3,489.22
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

TABLE 4

Historical Ground Water Elevation Data

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

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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW-10	02/08/17	3,507.79	-	17.97	0.00	3,489.82
MW-10	03/09/17	3,507.79	-	17.96	0.00	3,489.83
MW-10	03/14/17	3,507.79	-	17.95	0.00	3,489.84
MW-10	03/22/17	3,507.79	-	17.95	0.00	3,489.84
MW-10	04/11/17	3,507.79	-	17.93	0.00	3,489.86
MW-10	04/18/17	3,507.79	-	17.91	0.00	3,489.88
MW-10	05/02/17	3,507.79	-	17.89	0.00	3,489.90
MW-10	05/10/17	3,507.79	-	17.91	0.00	3,489.88
MW-10	06/05/17	3,507.79	-	18.05	0.00	3,489.74
MW-10	06/14/17	3,507.79	-	18.10	0.00	3,489.69
MW-10	06/22/17	3,507.79	-	18.17	0.00	3,489.62
MW-10	06/29/17	3,507.79	-	18.26	0.00	3,489.53
MW-10	07/05/17	3,507.79	-	18.31	0.00	3,489.48
MW-10	07/14/17	3,507.79	-	18.41	0.00	3,489.38
MW-10	07/18/17	3,507.79	-	18.44	0.00	3,489.35
MW-10	07/22/17	3,507.79	-	18.49	0.00	3,489.30
MW-10	08/11/17	3,507.79	-	18.25	0.00	3,489.54
MW-10	08/15/17	3,507.79	-	18.15	0.00	3,489.64
MW-10	09/01/17	3,507.79	-	17.93	0.00	3,489.86
MW-10	09/08/17	3,507.79	-	17.99	0.00	3,489.80
MW-10	09/15/17	3,507.79	-	18.09	0.00	3,489.70
MW-10	09/22/17	3,507.79	-	18.19	0.00	3,489.60
MW-10	10/06/17	3,507.79	-	17.98	0.00	3,489.81
MW-10	10/13/17	3,507.79	-	17.97	0.00	3,489.82
MW-10	10/18/17	3,507.79	-	17.99	0.00	3,489.80
MW-10	10/26/17	3,507.79	-	17.98	0.00	3,489.81
MW-10	11/02/17	3,507.79	-	18.01	0.00	3,489.78
MW-10	11/09/17	3,507.79	-	18.03	0.00	3,489.76
MW-10	12/08/17	3,507.79	-	18.07	0.00	3,489.72
MW-10	12/13/17	3,507.79	-	18.05	0.00	3,489.74
MW-10	12/21/17	3,507.79	-	18.04	0.00	3,489.75
MW-10	01/05/18	3,507.79	-	18.05	0.00	3,489.74
MW-10	01/09/18	3,507.79	-	18.03	0.00	3,489.76
MW-10	01/17/18	3,507.79	-	18.05	0.00	3,489.74
MW-10	01/24/18	3,507.79	-	18.03	0.00	3,489.76
MW-10	02/08/18	3,507.79	-	18.00	0.00	3,489.79
MW-10	02/15/18	3,507.79	-	18.02	0.00	3,489.77
MW-10	02/23/18	3,507.79	-	18.02	0.00	3,489.77
MW-10	03/02/18	3,507.79	-	18.01	0.00	3,489.78
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW-10	04/26/18	3,507.79	-	17.97	0.00	3,489.82
MW-10	05/03/18	3,507.79	-	17.98	0.00	3,489.81
MW-10	05/10/18	3,507.79	-	18.01	0.00	3,489.78
MW-10	05/25/18	3,507.79	-	18.20	0.00	3,489.59
MW-10	05/31/18	3,507.79	-	18.28	0.00	3,489.51
MW-10	06/06/18	3,507.79	-	18.34	0.00	3,489.45
MW-10	06/13/18	3,507.79	-	18.41	0.00	3,489.38
MW-10	06/22/18	3,507.79	-	18.45	0.00	3,489.34
MW-10	07/05/18	3,507.79	-	18.55	0.00	3,489.24
MW-10	07/11/18	3,507.79	-	18.58	0.00	3,489.21
MW-10	07/19/18	3,507.79	-	18.65	0.00	3,489.14
MW-10	08/03/18	3,507.79	-	18.75	0.00	3,489.04
MW-10	08/17/18	3,507.79	-	18.83	0.00	3,488.96
MW-10	08/22/18	3,507.79	-	18.82	0.00	3,488.97
MW-10	08/30/18	3,507.79	-	18.86	0.00	3,488.93
MW-10	09/13/18	3,507.79	-	18.72	0.00	3,489.07
MW-10	09/19/18	3,507.79	-	18.70	0.00	3,489.09
MW-10	11/19/18	3,507.79	-	18.39	0.00	3,489.40
MW-10	11/26/18	3,507.79	-	18.39	0.00	3,489.40
MW-10	12/07/18	3,507.79	-	18.39	0.00	3,489.40
MW-10	12/13/18	3,507.79	-	18.39	0.00	3,489.40
MW-10	12/19/18	3,507.79	-	18.40	0.00	3,489.39
MW-10	01/02/19	3,507.79	-	18.40	0.00	3,489.39
MW-10	01/08/19	3,507.79	-	18.38	0.00	3,489.41
MW-10	01/15/19	3,507.79	-	18.35	0.00	3,489.44
MW-10	01/22/19	3,507.79	-	18.39	0.00	3,489.40
MW-10	02/06/19	3,507.79	-	18.34	0.00	3,489.45
MW-10	02/13/19	3,507.79	-	18.38	0.00	3,489.41
MW-10	02/18/19	3,507.79	-	18.31	0.00	3,489.48
MW-10	03/06/19	3,507.79	-	18.29	0.00	3,489.50
MW-10	03/27/19	3,507.79	-	18.22	0.00	3,489.57
MW-10	04/05/19	3,507.79	-	18.22	0.00	3,489.57
MW-10	04/11/19	3,507.79	-	18.17	0.00	3,489.62
MW-10	04/17/19	3,507.79	-	18.14	0.00	3,489.65
MW-10	05/03/19	3,507.79	-	18.14	0.00	3,489.65
MW-10	05/08/19	3,507.79	-	18.11	0.00	3,489.68
MW-10	05/17/19	3,507.79	-	18.14	0.00	3,489.65
MW-10	05/23/19	3,507.79	-	18.18	0.00	3,489.61
MW-10	06/12/19	3,507.79	-	18.32	0.00	3,489.47
MW-10	07/04/19	3,507.79	-	18.64	0.00	3,489.15
MW-10	07/12/19	3,507.79	-	18.63	0.00	3,489.16
MW-10	07/18/19	3,507.79	-	18.67	0.00	3,489.12
MW-10	08/08/19	3,507.79	-	18.79	0.00	3,489.00
MW-10	09/12/19	3,507.79	-	18.96	0.00	3,488.83
MW-10	10/08/19	3,507.79	-	18.45	0.00	3,489.34

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW-10	11/26/19	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 - 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	-	-	-	-

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 11	02/04/14	Plugged and Abandoned		-	-	-
MW - 11A	02/24/14	**3,509.52**	-	21.93	0.00	3,487.59
MW - 11A	05/07/14	3,509.52	-	21.83	0.00	3,487.69
MW - 11A	07/22/14	3,509.52	-	22.50	0.00	3,487.02
MW - 11A	08/16/14	3,509.52	-	22.56	0.00	3,486.96
MW - 11A	10/27/14	3,509.52	-	21.25	0.00	3,488.27
MW - 11A	11/11/14	3,509.52	-	21.24	0.00	3,488.28
MW - 11A	02/12/15	3,509.52	-	21.30	0.00	3,488.22
MW - 11A	03/09/15	3,509.52	-	21.27	0.00	3,488.25
MW - 11A	04/04/15	3,509.52	-	21.25	0.00	3,488.27
MW - 11A	05/18/15	3,509.52	-	21.08	0.00	3,488.44
MW - 11A	06/18/15	3,509.52	-	19.64	0.00	3,489.88
MW - 11A	07/03/15	3,509.52	-	21.05	0.00	3,488.47
MW - 11A	08/17/15	3,509.52	-	21.50	0.00	3,488.02
MW - 11A	09/24/15	3,509.52	-	21.58	0.00	3,487.94
MW - 11A	10/23/15	3,509.52	-	21.37	0.00	3,488.15
MW - 11A	11/12/15	3,509.52	-	21.22	0.00	3,488.30
MW - 11A	12/10/15	3,509.52	-	21.18	0.00	3,488.34
MW - 11A	01/08/16	3,509.52	-	21.13	0.00	3,488.39
MW - 11A	02/04/16	3,509.52	-	21.10	0.00	3,488.42
MW - 11A	03/10/16	3,509.52	-	21.04	0.00	3,488.48
MW - 11A	04/26/16	3,509.52	-	20.95	0.00	3,488.57
MW - 11A	05/04/16	3,509.52	-	20.94	0.00	3,488.58
MW - 11A	06/28/16	3,509.52	-	21.24	0.00	3,488.28
MW - 11A	07/12/16	3,509.52	-	21.43	0.00	3,488.09
MW - 11A	08/24/16	3,509.52	-	21.65	0.00	3,487.87
MW - 11A	09/07/16	3,509.52	-	20.71	0.00	3,488.81
MW - 11A	10/14/16	3,509.52	-	20.43	0.00	3,489.09
MW - 11A	11/07/16	3,509.52	-	20.53	0.00	3,488.99
MW - 11A	12/07/16	3,509.52	-	20.56	0.00	3,488.96
MW - 11A	12/20/16	3,509.52	-	20.55	0.00	3,488.97
MW - 11A	01/18/17	3,509.52	-	20.55	0.00	3,488.97
MW - 11A	02/08/17	3,509.52	-	20.56	0.00	3,488.96
MW - 11A	03/14/17	3,509.52	-	20.53	0.00	3,488.99
MW - 11A	05/02/17	3,509.52	-	20.48	0.00	3,489.04
MW - 11A	05/10/17	3,509.52	-	20.50	0.00	3,489.02
MW - 11A	06/22/17	3,509.52	-	20.79	0.00	3,488.73
MW - 11A	07/05/17	3,509.52	-	21.03	0.00	3,488.49
MW - 11A	08/15/17	3,509.52	-	20.77	0.00	3,488.75
MW - 11A	09/08/17	3,509.52	-	20.59	0.00	3,488.93
MW - 11A	10/18/17	3,509.52	-	20.57	0.00	3,488.95
MW - 11A	11/09/17	3,509.52	-	20.61	0.00	3,488.91
MW - 11A	12/21/17	3,509.52	-	20.58	0.00	3,488.94
MW - 11A	01/09/18	3,509.52	-	20.57	0.00	3,488.95

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 11A	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 - 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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 12	06/18/15	3,508.49	-	21.04	0.00	3,487.45
MW - 12	07/03/15	3,508.49	-	19.61	0.00	3,488.88
MW - 12	08/17/15	3,508.49	-	20.10	0.00	3,488.39
MW - 12	09/24/15	3,508.49	-	20.19	0.00	3,488.30
MW - 12	10/23/15	3,508.49	-	19.98	0.00	3,488.51
MW - 12	11/12/15	3,508.49	-	19.82	0.00	3,488.67
MW - 12	12/10/15	3,508.49	-	19.84	0.00	3,488.65
MW - 12	01/08/16	3,508.49	-	19.79	0.00	3,488.70
MW - 12	02/04/16	3,508.49	-	19.76	0.00	3,488.73
MW - 12	03/10/16	3,508.49	-	19.68	0.00	3,488.81
MW - 12	04/26/16	3,508.49	-	19.61	0.00	3,488.88
MW - 12	05/04/16	3,508.49	-	19.62	0.00	3,488.87
MW - 12	06/28/16	3,508.49	-	19.80	0.00	3,488.69
MW - 12	07/12/16	3,508.49	-	20.02	0.00	3,488.47
MW - 12	08/24/16	3,508.49	-	20.31	0.00	3,488.18
MW - 12	09/07/16	3,508.49	-	18.57	0.00	3,489.92
MW - 12	10/14/16	3,508.49	-	18.96	0.00	3,489.53
MW - 12	11/07/16	3,508.49	-	19.16	0.00	3,489.33
MW - 12	12/07/16	3,508.49	-	19.19	0.00	3,489.30
MW - 12	12/20/16	3,508.49	-	19.20	0.00	3,489.29
MW - 12	01/18/17	3,508.49	-	19.23	0.00	3,489.26
MW - 12	02/08/17	3,508.49	-	19.22	0.00	3,489.27
MW - 12	03/14/17	3,508.49	-	19.19	0.00	3,489.30
MW - 12	05/02/17	3,508.49	-	19.15	0.00	3,489.34
MW - 12	05/10/17	3,508.49	-	19.17	0.00	3,489.32
MW - 12	06/22/17	3,508.49	-	19.42	0.00	3,489.07
MW - 12	07/05/17	3,508.49	-	19.54	0.00	3,488.95
MW - 12	08/15/17	3,508.49	-	19.25	0.00	3,489.24
MW - 12	09/08/17	3,508.49	-	19.13	0.00	3,489.36
MW - 12	10/18/17	3,508.49	-	19.17	0.00	3,489.32
MW - 12	11/09/17	3,508.49	-	19.27	0.00	3,489.22
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

TABLE 4

Historical Ground Water Elevation Data

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

Sample Location	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation
MW - 12	03/06/19	3,508.49	-	19.50	0.00	3,488.99
MW - 12	04/05/19	3,508.49	-	19.40	0.00	3,489.09
MW - 12	05/08/19	3,508.49	-	19.35	0.00	3,489.14
MW - 12	06/12/19	3,508.49	-	19.58	0.00	3,488.91
MW - 12	07/04/19	3,508.49	-	19.88	0.00	3,488.61
MW - 12	08/08/19	3,508.49	-	20.04	0.00	3,488.45
MW - 12	09/12/19	3,508.49	-	20.18	0.00	3,488.31
MW - 12	10/08/19	3,508.49	-	19.71	0.00	3,488.78
MW - 12	11/26/19	3,508.49	-	19.60	0.00	3,488.89
MW - 12	12/09/19	3,508.49	-	19.66	0.00	3,488.83
MW - 12	02/13/20	3,508.49	-	19.64	0.00	3,488.85
MW - 12	05/11/20	3,508.49	-	19.41	0.00	3,489.08
MW - 12	06/26/20	3,508.49	-	19.94	0.00	3,488.55
MW - 12	07/22/20	3,508.49	-	20.16	0.00	3,488.33
MW - 12	08/28/20	3,508.49	-	20.32	0.00	3,488.17
MW - 12	09/15/20	3,508.49	-	20.37	0.00	3,488.12
MW - 12	10/29/20	3,508.49	-	20.49	0.00	3,488.00
MW - 12	11/17/20	3,508.49	-	20.50	0.00	3,487.99
MW - 12	12/23/20	3,508.49	-	20.51	0.00	3,487.98

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.
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	02/27/03	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.
34 JUNCTION TO LEA
LEA COUNTY, NEW MEXICO
NMOCD Reference Number 1R-0386

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

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 2	12/17/04	**1.8800**	<0.002	0.5740	0.16109	
MW - 2	03/29/05	**2.6600**	0.0273	**1.0800**	**0.656**	
MW - 2	05/11/05	**1.0600**	0.00253	**0.8130**	0.0768	
MW - 2	08/16/05	**1.7400**	<0.002	**0.8700**	0.233	
MW - 2	11/15/05	**0.0668**	<0.001	0.0729	0.0113	
MW - 2	02/15/06	**0.0337**	<0.001	0.1470	0.0341	
MW - 2	05/23/06	**1.5300**	0.00229	0.3810	0.19861	
MW - 2	08/09/06	**1.4600**	<0.01	0.3260	0.178	
MW - 2	11/27/06	**0.3900**	<0.005	0.1060	0.0518	
MW - 2	03/20/07	**0.5600**	<0.001	0.7170	0.4480	
MW - 2	06/04/07	**<0.1**	<0.1	0.4620	<0.01	
MW - 2	08/22/07	**0.5200**	<0.05	0.4500	0.2160	
MW - 2	11/29/07	**0.3980**	<0.01	0.3160	0.1890	
MW - 2	02/26/08	**0.4080**	<0.01	0.1830	0.1500	
MW - 2	05/22/08	**0.1540**	<0.010	0.1440	0.1240	
MW - 2	08/28/08	**0.1530**	<0.001	0.0899	0.0691	
MW - 2	11/20/08	**0.0546**	<0.005	0.0227	0.0220	
MW - 2	02/16/09	**0.0240**	<0.005	<0.005	<0.005	
MW - 2	05/29/09	**0.2830**	<0.001	0.272	0.1640	
MW - 2	08/06/09	**0.4170**	0.0038	0.184	0.1710	
MW - 2	11/10/09	**0.3050**	0.0013	0.0978	0.0867	
MW - 2	02/04/10	**0.3070**	<0.001	0.104	0.0867	
MW - 2	05/06/10	**0.3610**	0.0025	0.0917	0.0930	
MW - 2	08/05/10	**0.3240**	<0.050	0.111	0.0762	
MW - 2	11/04/10	**0.5140**	<0.0500	0.258	<0.0500	
MW - 2	02/09/11	**1.0800**	<0.0500	0.671	**1.2500**	
MW - 2	05/03/11	**0.5340**	<0.0500	0.143	<0.0500	
MW - 2	08/02/11	**0.7760**	<0.0500	0.455	**0.9280**	
MW - 2	11/21/11	**0.2820**	<0.005	0.171	0.0934	
MW - 2	02/13/12	**0.1570**	<0.005	0.0882	<0.005	
MW - 2	05/24/12	**0.1860**	<0.050	0.128	0.0986	
MW - 2	08/07/12	**1.1000**	<0.050	0.368	0.1050	
MW - 2	11/14/12	**0.4270**	<0.005	0.191	0.1100	
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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 2	02/24/14	**0.687**	<0.100	0.176	<0.300	
MW - 2	05/07/14	**0.319**	<0.0500	0.0937	<0.150	
MW - 2	08/16/14	**0.274**	<0.0500	<0.0500	<0.0500	
MW - 2	11/11/14	**0.434**	<0.0500	0.0963	0.0944	
MW - 2	02/12/15	**0.251**	<0.0500	0.0837	0.0762	
MW - 2	05/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	08/17/15	**0.223**	<0.0500	<0.0500	0.2900	
MW - 2	11/12/15	**0.277**	<0.0500	0.116	0.1550	
MW - 2	02/04/16	**0.207**	<0.00100	0.0323	0.0472	
MW - 2	05/04/16	**0.286**	<0.00100	0.0238	0.0411	
MW - 2	08/24/16	**0.228**	<0.0500	0.0386	0.0777	
MW - 2	11/07/16	**0.203**	<0.00100	0.0356	0.0675	
MW - 2	02/08/17	**0.221**	<0.00200	0.0172	0.0779	
MW - 2	05/10/17	**0.179**	<0.00200	0.0310	0.0614	
MW - 2	08/15/17	**0.281**	<0.00200	0.0308	0.05	
MW - 2	11/09/17	**0.249**	0.00504	0.0464	0.0487	
MW - 2	02/08/18	**0.107**	0.00237	0.0180	0.0166	
MW - 2	05/03/18	<0.00200	0.00208	<0.00200	0.00583	
MW - 2	08/22/18	**0.0503**	<0.0100	0.0221	0.0228	
MW - 2	11/26/18	**0.109**	<0.0100	0.0256	<0.0200	
MW - 2	02/06/19	**0.0264**	<0.00100	0.00828	0.00621	
MW - 2	05/08/19	**0.0557**	<0.00100	0.0206	0.00867	
MW - 2	08/08/19	**0.0259**	<0.00100	0.00926	0.00417	
MW - 2	11/26/19	**0.0479**	<0.00100	0.0197	0.00632	
MW - 2	02/13/20	**0.0231**	<0.00100	0.00761	0.00640	
MW - 2	06/26/20	**0.0275**	<0.00500	0.00873	0.00398	
MW - 2	09/15/20	**0.0237**	0.00175	0.0143	0.00667	
MW - 2	11/17/20	**0.0181**	0.00206	0.00576	<0.00200	
MW - 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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 3	11/15/05	**1.880**	0.0327	**0.8420**	0.2322	
MW - 3	02/15/06	**1.600**	0.0265	0.7150	0.2420	
MW - 3	05/23/06	**3.600**	<0.1	0.7030	0.4920	
MW - 3	08/09/06	Not Sampled				
MW - 3	11/27/06	**1.470**	0.0273	0.4740	0.3100	
MW - 3	03/20/07	**5.880**	<.5	**7.0500**	**3.93**	
MW - 3	06/04/07	**<0.5**	<0.5	<0.5	<0.5	
MW - 3	08/22/07	Not Sampled Due to PSH in Well				
MW - 3	11/29/07	**1.010**	0.0205	0.6700	0.2470	
MW - 3	02/26/08	**1.170**	0.0298	0.5820	0.2080	
MW - 3	05/22/08	**1.280**	0.0156	0.4470	0.1500	
MW - 3	08/27/08	Not Sampled Due to PSH in Well				
MW - 3	11/20/08	**0.948**	<0.005	0.3810	0.1180	
MW - 3	02/16/09	**0.522**	<0.005	0.2880	0.0654	
MW - 3	05/29/09	**4.010**	0.1222	**3.3800**	**2.6200**	
MW - 3	08/06/09	**0.645**	<0.0200	0.4330	0.3120	
MW - 3	11/10/09	**0.779**	<0.0200	0.2060	0.0529	
MW - 3	02/04/10	**0.323**	<0.0200	0.1100	0.0896	
MW - 3	05/06/10	**0.259**	<0.0100	0.0319	0.0545	
MW - 3	08/05/10	**0.289**	0.005	0.0611	0.0414	
MW - 3	11/04/10	**0.290**	0.0049	0.1550	0.0297	
MW - 3	02/09/11	**0.413**	0.0099	0.2150	<0.00100	
MW - 3	05/03/11	**0.425**	0.0029	0.1230	0.0297	
MW - 3	08/02/11	**0.378**	0.0082	0.1580	0.0453	
MW - 3	11/21/11	**0.110**	<0.005	0.0381	<0.005	
MW - 3	02/13/12	**0.027**	<0.005	<0.005	<0.005	
MW - 3	05/24/12	**0.065**	<0.001	0.0704	0.0407	
MW - 3	08/07/12	**0.393**	<0.050	0.1360	<0.050	
MW - 3	11/14/12	**0.160**	<0.005	0.4860	0.1270	
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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 3	02/12/15	**0.244**	<0.0500	0.0699	0.0824	
MW - 3	05/18/15	**0.455**	<0.0500	<0.0500	0.0888	
MW - 3	08/17/15	**0.430**	<0.0500	<0.0500	0.0691	
MW - 3	11/12/15	**0.420**	<0.0500	<0.0500	0.1960	
MW - 3	02/04/16	**0.332**	<0.0500	0.0963	0.0540	
MW - 3	05/04/16	**0.318**	<0.0500	<0.0500	0.0987	
MW - 3	08/24/16	**0.151**	<0.0500	<0.0500	0.0359	
MW - 3	11/07/16	**0.398**	<0.0530	0.0768	0.109	
MW - 3	02/08/17	**0.510**	<0.100	<0.100	<0.100	
MW - 3	05/10/17	**0.170**	<0.00200	0.0218	0.0581	
MW - 3	08/15/17	**1.11**	<0.0100	0.0449	0.1894	
MW - 3	11/09/17	**0.393**	0.00559	0.0327	0.08921	
MW - 3	02/08/18	**0.254**	0.00796	0.0202	0.06634	
MW - 3	05/03/18	**0.246**	<0.00200	0.0253	0.0701	
MW - 3	08/22/18	**0.291**	<0.0100	0.0272	0.0812	
MW - 3	11/26/18	**0.284**	<0.0100	0.0207	0.0727	
MW - 3	02/06/19	**0.486**	<0.0200	0.0398	0.0764	
MW - 3	05/08/19	**0.246**	<0.00100	0.0351	0.0582	
MW - 3	08/08/19	**0.573**	<0.00100	0.0291	0.0718	
MW - 3	11/26/19	**0.130**	0.00154	0.0186	0.0438	
MW - 3	02/13/20	**0.216**	0.00323	0.0220	0.0578	
MW - 3	06/26/20	**0.426**	<0.00500	0.0204	0.06910	
MW - 3	09/15/20	**0.900**	0.00422	0.0246	0.0551	
MW - 3	11/17/20	**0.462**	0.00885	0.0101	0.0310	
MW - 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				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 4	03/20/07	<0.001	<0.001	<0.001	<0.001	
MW - 4	06/04/07	Not Sampled on Current Sample Schedule				
MW - 4	08/22/07	Not Sampled on Current Sample Schedule				
MW - 4	11/29/07	<0.005	<0.005	<0.005	<0.005	
MW - 4	02/26/08	Not Sampled on Current Sample Schedule				
MW - 4	05/22/08	Not Sampled on Current Sample Schedule				
MW - 4	08/27/08	Not Sampled on Current Sample Schedule				
MW - 4	11/20/08	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/16/09	Not Sampled on Current Sample Schedule				
MW - 4	05/29/09	<0.001	<0.001	0.0069	0.0084	
MW - 4	08/06/09	Not Sampled on Current Sample Schedule				
MW - 4	11/10/09	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/04/10	Not Sampled on Current Sample Schedule				
MW - 4	05/06/10	Not Sampled on Current Sample Schedule				
MW - 4	08/05/10	Not Sampled on Current Sample Schedule				
MW - 4	11/04/10	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/09/11	Not Sampled on Current Sample Schedule				
MW - 4	05/03/11	Not Sampled on Current Sample Schedule				
MW - 4	08/02/11	Not Sampled on Current Sample Schedule				
MW - 4	11/21/11	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/13/12	Not Sampled on Current Sample Schedule				
MW - 4	05/24/12	Not Sampled on Current Sample Schedule				
MW - 4	08/07/12	Not Sampled on Current Sample Schedule				
MW - 4	11/14/12	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/14/13	Not Sampled on Current Sample Schedule				
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				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 4	05/04/16	Not Sampled on Current Sample Schedule				
MW - 4	08/17/16	Plugged and Abandoned				
MW-4A	08/25/16	<0.00100	<0.00100	0.0341	0.0407	
MW-4A	11/07/16	<0.00100	<0.00100	0.0223	0.0176	
MW-4A	02/08/17	0.00284	<0.00200	0.0514	0.0862	
MW-4A	05/10/17	<0.00200	<0.00200	0.0172	0.0211	
MW-4A	08/15/17	<0.00200	<0.00200	0.0225	0.0251	
MW-4A	11/09/17	<0.00200	<0.00200	0.00561	<0.00400	
MW-4A	02/08/18	<0.00200	<0.00200	0.00255	<0.00400	
MW-4A	05/03/18	<0.00200	<0.00200	0.00496	<0.00400	
MW-4A	08/22/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW-4A	11/26/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW-4A	02/06/19	0.00143	<0.00100	0.00321	0.00444	
MW-4A	05/08/19	<0.00100	<0.00100	0.00311	<0.00200	
MW-4A	08/08/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW-4A	11/26/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW-4A	02/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW-4A	06/26/20	<0.00100	<0.00500	0.00411	<0.00200	
MW-4A	09/15/20	<0.00100	0.00117	<0.00200	<0.00400	
MW-4A	11/17/20	0.00145	<0.00100	<0.00100	<0.00200	
MW - 5	05/25/04	**0.1780**	0.0209	0.6540	**0.6390**	
MW - 5	07/26/04	**0.0934**	0.00204	0.4840	0.1143	
MW - 5	10/04/04	**0.0692**	<0.001	0.1990	0.0286	
MW - 5	12/17/04	**0.1400**	<0.001	0.2280	0.0090	
MW - 5	03/29/05	**0.0381**	<0.001	0.1250	0.0067	
MW - 5	05/11/05	**0.0250**	<0.001	0.1190	<0.002	
MW - 5	08/16/05	**0.0600**	<0.001	0.0341	0.0030	
MW - 5	11/15/05	**0.0106**	<0.001	0.0376	<0.002	
MW - 5	02/15/06	**0.0121**	<0.001	0.0341	<0.002	
MW - 5	05/23/06	0.0095	<0.001	0.0105	<0.002	
MW - 5	08/09/06	**0.0285**	<0.001	0.0034	0.0030	
MW - 5	11/27/06	**0.0371**	0.0016	0.0048	0.0042	
MW - 5	03/20/07	0.0063	<0.001	0.0195	<0.001	
MW - 5	06/04/07	0.0065	<0.001	0.0200	<0.001	
MW - 5	08/22/07	0.0057	<0.001	0.0079	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 5	11/29/07	**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	
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				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 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 - 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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 6	08/27/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/20/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/16/09	Not Sampled				
MW - 6	05/29/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/06/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/10/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/04/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/06/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/05/10	0.0014	<0.001	<0.001	<0.001	
MW - 6	11/04/10	0.0066	<0.001	<0.001	<0.001	
MW - 6	02/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/03/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/02/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/21/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/13/12	0.0068	<0.001	<0.001	<0.001	
MW - 6	05/24/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/07/12	0.0023	<0.001	<0.001	<0.001	
MW - 6	11/14/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/14/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	05/09/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	08/08/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	11/21/13	0.00170	<0.00100	<0.00100	<0.00300	
MW - 6	02/24/14	0.00690	<0.00100	<0.00100	<0.00300	
MW - 6	05/07/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 6	08/16/14	0.00300	<0.00100	<0.00100	<0.00100	
MW - 6	11/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	05/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	08/17/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/04/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	05/04/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	08/17/16	Plugged and Abandoned				
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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 6A	05/10/17	**0.994**	<0.0100	0.434	0.382	
MW - 6A	08/15/17	**2.26**	<0.100	**0.833**	**0.718**	
MW - 6A	11/09/17	**1.58**	<0.0400	0.487	0.381	
MW - 6A	02/08/18	**1.15**	0.0128	0.494	0.297	
MW - 6A	05/03/18	**1.21**	<0.0200	0.563	0.308	
MW - 6A	08/23/18	**1.66**	<0.100	0.707	0.311	
MW - 6A	11/26/18	**0.335**	<0.0100	0.176	0.0939	
MW - 6A	02/06/19	**0.391**	0.00382	0.238	0.12019	
MW - 6A	05/08/19	**0.912**	<0.0100	0.519	0.184	
MW - 6A	08/08/19	**0.528**	0.00105	0.362	0.148	
MW - 6A	11/26/19	**1.27**	0.00126	0.292	0.161	
MW - 6A	02/13/20	**0.392**	0.00304	0.241	0.152	
MW - 6A	06/26/20	**0.853**	0.00837	0.179	0.1732	
MW - 6A	09/15/20	**0.678**	0.00568	0.182	0.15429	
MW - 6A	11/17/20	**0.764**	0.00695	0.151	0.203	
MW - 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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 7	05/29/09	**1.290**	<0.0100	0.717	0.3610	
MW - 7	08/06/09	**1.380**	0.0423	**0.752**	0.4740	
MW - 7	11/10/09	**0.925**	<0.010	0.458	0.2590	
MW - 7	02/04/10	**0.994**	<0.010	0.505	0.3280	
MW - 7	05/06/10	**0.849**	<0.010	0.393	0.2610	
MW - 7	08/05/10	**0.608**	<0.0500	0.287	0.1720	
MW - 7	11/04/10	**0.975**	<0.001	0.499	0.6050	
MW - 7	02/09/11	**0.877**	<0.0100	0.410	0.3910	
MW - 7	05/03/11	**1.130**	<0.0500	0.383	0.2370	
MW - 7	08/02/11	**0.616**	<0.0500	0.337	**0.8970**	
MW - 7	11/21/11	**0.512**	<0.005	0.187	0.1600	
MW - 7	02/13/12	**0.539**	<0.005	0.200	0.2510	
MW - 7	05/24/12	**0.419**	<0.050	0.151	0.1420	
MW - 7	08/07/12	**1.060**	<0.050	0.515	0.4720	
MW - 7	11/14/12	**0.762**	<0.005	0.288	0.3030	
MW - 7	02/14/13	**0.610**	<0.01000	0.290	0.265	
MW - 7	05/09/13	**0.505**	<0.00500	0.211	0.155	
MW - 7	08/08/13	**0.590**	<0.00500	0.226	0.105	
MW - 7	11/21/13	**0.449**	<0.00500	0.190	0.0711	
MW - 7	02/24/14	**0.518**	<0.0500	0.165	<0.150	
MW - 7	05/07/14	**0.439**	<0.0500	0.146	<0.150	
MW - 7	08/16/14	**0.570**	<0.0500	0.259	0.0893	
MW - 7	11/11/14	**0.575**	<0.0500	0.310	0.0995	
MW - 7	02/12/15	**0.533**	<0.0500	0.247	0.1110	
MW - 7	05/18/15	**0.578**	<0.0500	0.278	0.0953	
MW - 7	08/17/15	**0.268**	<0.0500	0.0935	<0.0500	
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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 7A	02/08/18	**0.820**	0.0210	0.0518	0.0517	
MW - 7A	05/03/18	**0.399**	0.00320	0.0378	0.0309	
MW - 7A	08/23/18	**0.472**	<0.100	0.0913	<0.200	
MW - 7A	11/26/18	**0.298**	<0.0100	<0.00500	<0.200	
MW - 7A	02/06/19	**0.564**	<0.0200	<0.0200	<0.0400	
MW - 7A	05/08/19	**0.554**	<0.00500	<0.00500	0.0254	
MW - 7A	08/08/19	**0.472**	<0.0100	<0.0100	<0.0200	
MW - 7A	11/26/19	**0.295**	0.00104	0.00401	0.00886	
MW - 7A	02/13/20	**0.962**	0.00200	0.0292	0.0611	
MW - 7A	06/26/20	**0.531**	<0.0250	0.0187	0.03390	
MW - 7A	09/15/20	**0.639**	0.00541	0.0142	0.02936	
MW - 7A	11/17/20	**0.395**	0.00635	0.00835	0.01224	
MW - 8	03/22/06	0.0079	0.00399	0.0173	0.0187	
MW - 8	05/23/06	<0.001	<0.001	0.0129	<0.002	
MW - 8	08/09/06	<0.001	<0.001	0.0220	<0.002	
MW - 8	11/27/06	<0.001	<0.001	0.0131	<0.002	
MW - 8	03/20/07	<0.001	<0.001	0.0121	<0.001	
MW - 8	06/04/07	<0.001	<0.001	<0.001	<0.001	
MW - 8	08/22/07	<0.001	<0.001	<0.001	<0.001	
MW - 8	11/29/07	<0.005	<0.005	<0.005	<0.005	
MW - 8	02/26/08	<0.001	<0.001	<0.001	<0.001	
MW - 8	05/22/08	<0.001	<0.001	<0.001	<0.001	
MW - 8	08/27/08	<0.001	<0.001	<0.001	<0.001	
MW - 8	11/20/08	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/16/09	Not Sampled on Current Sample Schedule				
MW - 8	05/29/09	<0.001	<0.001	<0.001	<0.001	
MW - 8	08/06/09	Not Sampled on Current Sample Schedule				
MW - 8	11/10/09	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/04/10	<0.001	<0.001	<0.001	<0.001	
MW - 8	05/06/10	<0.001	<0.001	<0.001	<0.001	
MW - 8	08/05/10	<0.001	<0.001	<0.001	<0.001	
MW - 8	11/04/10	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 8	05/03/11	<0.001	<0.001	<0.001	<0.001	
MW - 8	08/02/11	<0.001	<0.001	<0.001	<0.001	
MW - 8	11/21/11	<0.001	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

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

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

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

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

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

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

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

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

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

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 11	11/21/13	Monitor Well Damaged, could not sample				
MW - 11	02/04/14	Plugged and Abandoned				
MW - 11A	02/24/14	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW - 11A	05/07/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 11A	08/16/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11A	11/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11A	02/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11A	05/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11A	08/17/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11A	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11A	02/04/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11A	05/04/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11A	08/24/16	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 11A	11/07/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11A	02/08/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 11A	05/10/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 11A	08/15/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 11A	11/09/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 11A	02/08/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 11A	05/03/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 11A	08/22/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 11A	11/26/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 11A	02/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	05/08/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	08/08/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	11/26/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11A	02/13/20	0.00105	<0.00100	0.00188	<0.00200	
MW - 11A	06/26/20	<0.00100	<0.00500	<0.00100	<0.00200	
MW - 11A	09/15/20	<0.00100	<0.00100	<0.00200	<0.00400	
MW - 11A	11/17/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

Sample Location	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)
NMOCD Regulatory Guideline		**0.01 (mg/L)**	**0.75 (mg/L)**	**0.75 (mg/L)**	**0.62 (mg/L)**	
MW - 12	05/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	08/17/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	02/04/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	05/04/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	08/24/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	11/07/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	02/08/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 12	05/10/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 12	08/15/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 12	11/09/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 12	02/08/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 12	05/03/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 12	08/22/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 12	11/26/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 12	02/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	05/08/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	08/08/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	11/26/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	02/13/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	06/26/20	<0.00100	<0.00500	<0.00100	<0.00200	
MW - 12	09/15/20	<0.00100	<0.00100	<0.00200	<0.00400	
MW - 12	11/17/20	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 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-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-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

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-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-4	03/20/07	<0.0002	<0.0002	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	0.0006	<0.0004	<0.0002	<0.0002	<0.0002	---	---	0.0007
MW-4	11/20/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.00045	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.00035
MW-4	11/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-4	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/11/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/12/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	08/17/16	Plugged and Abandoned																		
MW-4A	11/07/16	<0.000200	<0.000200	<0.000200	<0.0000721	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-4A	11/09/17	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	0.000510	<0.000165	0.000586	<0.000165	0.000699			0.00104
MW-4A	11/26/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4A	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4A	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-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.																		

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-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-6	03/20/07	<0.0002	<0.0002	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	---	---	0.0003
MW-6	11/20/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-6	11/10/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-6	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/11/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/12/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	08/17/16	Plugged and Abandoned																		
MW-6A	11/07/16	<0.000200	<0.000200	<0.000200	<0.0000721	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-6A	11/09/17	0.000263	<0.000168	<0.000168	**0.000196**	<0.000168	<0.000168	<0.000168	<0.000168	<0.000168	<0.000168	<0.000168	**0.00146**	<0.000168	**0.00101**	<0.000168		0.0272		0.00184
MW-6A	11/26/18	0.00038	0.00035	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00012	<0.00010	<0.00010	0.00025	<0.00010	**0.0013**	<0.00010		**0.056**		<0.00010
MW-6A	11/26/19	0.00014	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00016	<0.00010	<0.00010	**0.0013**	<0.00010	0.00091	<0.00010		**0.073**		0.0013
MW-6A	11/17/20	0.00015	0.00019	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0021**	<0.00010	**0.0015**	<0.00010		**0.123**		0.0020
MW-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

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-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-8	03/20/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	11/20/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
MW-8	11/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-8	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/11/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/12/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/07/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/09/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/26/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-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.																		

TABLE 6

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

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
MW-9	11/07/16	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-10	03/20/07	<0.0002	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0005	<0.0002	<0.0002	<0.0002	0.0085	---	---	0.0005
MW-10	11/20/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000646	0.000828	0.000196	<0.000185
MW-10	11/10/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-10	11/04/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
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-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.																		

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-11A	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/11/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-12	11/12/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-12	11/07/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/09/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/26/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/26/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/17/20	Not Sampled as part of Quarterly Monitoring Event.																		

Appendix A
2020 Laboratory Analytical Reports

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:

Lab Order Number: 0B14002

NELAP/TCEQ # T104704516-17-8

Report Date: 02/24/20

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

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

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW11A	0B14002-01	Water	02/13/20 13:31	02-14-2020 10:43
MW4A	0B14002-02	Water	02/13/20 13:57	02-14-2020 10:43
MW12	0B14002-03	Water	02/13/20 14:23	02-14-2020 10:43
MW5A	0B14002-04	Water	02/13/20 14:51	02-14-2020 10:43
MW10	0B14002-05	Water	02/13/20 15:13	02-14-2020 10:43
MW2	0B14002-06	Water	02/13/20 15:48	02-14-2020 10:43
MW3	0B14002-07	Water	02/13/20 16:34	02-14-2020 10:43
MW1	0B14002-08	Water	02/13/20 16:50	02-14-2020 10:43
MW7A	0B14002-09	Water	02/13/20 17:07	02-14-2020 10:43
MW6A	0B14002-10	Water	02/13/20 17:24	02-14-2020 10:43

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW11A

0B14002-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	**0.00105**	0.00100	mg/L	1	P0B1403	02/14/20	02/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B1403	02/14/20	02/14/20	EPA 8021B	
Ethylbenzene	**0.00188**	0.00100	mg/L	1	P0B1403	02/14/20	02/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B1403	02/14/20	02/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B1403	02/14/20	02/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*90.8 %*	*80-120*		*P0B1403*	*02/14/20*	*02/14/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.7 %*	*80-120*		*P0B1403*	*02/14/20*	*02/14/20*	*EPA 8021B*	

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

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

Fax: (432) 520-7701

MW4A

0B14002-02 (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	P0B1403	02/14/20	02/15/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B1403	02/14/20	02/15/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0B1403	02/14/20	02/15/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B1403	02/14/20	02/15/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B1403	02/14/20	02/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.8 %*		*80-120*	*P0B1403*	*02/14/20*	*02/15/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.4 %*		*80-120*	*P0B1403*	*02/14/20*	*02/15/20*	*EPA 8021B*	

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

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

Fax: (432) 520-7701

MW12

0B14002-03 (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	P0B1403	02/14/20	02/15/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B1403	02/14/20	02/15/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0B1403	02/14/20	02/15/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B1403	02/14/20	02/15/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B1403	02/14/20	02/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.8 %*		*80-120*	*P0B1403*	*02/14/20*	*02/15/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.5 %*		*80-120*	*P0B1403*	*02/14/20*	*02/15/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW5A

0B14002-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00179**	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Xylene (p/m)	**0.00280**	0.00200	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*89.0 %*	*80-120*		*P0B1404*	*02/14/20*	*02/15/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.0 %*	*80-120*		*P0B1404*	*02/14/20*	*02/15/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW10

0B14002-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0513**	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Ethylbenzene	**0.00223**	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Xylene (p/m)	**0.00426**	0.00200	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*86.1 %*	*80-120*		*P0B1404*	*02/14/20*	*02/15/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.7 %*	*80-120*		*P0B1404*	*02/14/20*	*02/15/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW2

0B14002-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0231**	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Ethylbenzene	**0.00761**	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Xylene (p/m)	**0.00640**	0.00200	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*85.5 %*	*80-120*		*P0B1404*	*02/14/20*	*02/15/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.7 %*	*80-120*		*P0B1404*	*02/14/20*	*02/15/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW3

0B14002-07 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.216**	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Toluene	**0.00323**	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Ethylbenzene	**0.0220**	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Xylene (p/m)	**0.0578**	0.00200	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*81.3 %*	*80-120*		*P0B1404*	*02/14/20*	*02/15/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.1 %*	*80-120*		*P0B1404*	*02/14/20*	*02/15/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW1

0B14002-08 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.195**	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Toluene	**0.00206**	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Ethylbenzene	**0.105**	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Xylene (p/m)	**0.0623**	0.00200	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*79.4 %*	*80-120*		*P0B1404*	*02/14/20*	*02/15/20*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*96.5 %*	*80-120*		*P0B1404*	*02/14/20*	*02/15/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW7A

0B14002-09 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.962**	0.0100	mg/L	10	P0B1404	02/14/20	02/15/20	EPA 8021B	
Toluene	**0.00200**	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Ethylbenzene	**0.0292**	0.0100	mg/L	10	P0B1404	02/14/20	02/15/20	EPA 8021B	
Xylene (p/m)	**0.0611**	0.0200	mg/L	10	P0B1404	02/14/20	02/15/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*81.9 %*	*80-120*		*P0B1404*	*02/14/20*	*02/15/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*80-120*		*P0B1404*	*02/14/20*	*02/15/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW6A

0B14002-10 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.392**	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Toluene	**0.00304**	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Ethylbenzene	**0.241**	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Xylene (p/m)	**0.152**	0.00200	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B1404	02/14/20	02/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*72.1 %*	*80-120*		*P0B1404*	*02/14/20*	*02/15/20*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P0B1404*	*02/14/20*	*02/15/20*	*EPA 8021B*	

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

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

Fax: (432) 520-7701

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 P0B1403 - General Preparation (GC)										
Blank (P0B1403-BLK1)				Prepared & Analyzed: 02/14/20						
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	*0.113*		*"*	*0.120*		*94.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.5*	*80-120*			
LCS (P0B1403-BS1)				Prepared & Analyzed: 02/14/20						
Benzene	0.0902	0.00100	mg/L	0.100		90.2	80-120			
Toluene	0.0887	0.00100	"	0.100		88.7	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		95.9	80-120			
Xylene (o)	0.0946	0.00100	"	0.100		94.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*98.9*	*80-120*			
LCS Dup (P0B1403-BSD1)				Prepared & Analyzed: 02/14/20						
Benzene	0.100	0.00100	mg/L	0.100		100	80-120	10.3	20	
Toluene	0.0995	0.00100	"	0.100		99.5	80-120	11.5	20	
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120	1.04	20	
Xylene (p/m)	0.213	0.00200	"	0.200		106	80-120	10.3	20	
Xylene (o)	0.105	0.00100	"	0.100		105	80-120	10.3	20	
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*96.2*	*80-120*			
Calibration Blank (P0B1403-CCB1)				Prepared & Analyzed: 02/14/20						
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*96.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*95.2*	*80-120*			

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

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

Fax: (432) 520-7701

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B1403 - General Preparation (GC)										
Calibration Blank (P0B1403-CCB2)				Prepared & Analyzed: 02/14/20						
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.120*		*91.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.6*	*80-120*			
Calibration Blank (P0B1403-CCB3)				Prepared: 02/14/20 Analyzed: 02/15/20						
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.120*		*90.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*99.6*	*80-120*			
Calibration Check (P0B1403-CCV1)				Prepared & Analyzed: 02/14/20						
Benzene	0.0959	0.00100	mg/L	0.100		95.9	80-120			
Toluene	0.0925	0.00100	"	0.100		92.5	80-120			
Ethylbenzene	0.0978	0.00100	"	0.100		97.8	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.4	80-120			
Xylene (o)	0.100	0.00100	"	0.100		100	80-120			
Surrogate: 4-Bromofluorobenzene	*0.124*		*"*	*0.120*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.7*	*80-120*			
Calibration Check (P0B1403-CCV2)				Prepared & Analyzed: 02/14/20						
Benzene	0.0959	0.00100	mg/L	0.100		95.9	80-120			
Toluene	0.0893	0.00100	"	0.100		89.3	80-120			
Ethylbenzene	0.0921	0.00100	"	0.100		92.1	80-120			
Xylene (p/m)	0.181	0.00200	"	0.200		90.7	80-120			
Xylene (o)	0.0921	0.00100	"	0.100		92.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*95.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			

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

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

Fax: (432) 520-7701

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B1403 - General Preparation (GC)										
Calibration Check (P0B1403-CCV3)				Prepared: 02/14/20 Analyzed: 02/15/20						
Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.0938	0.00100	"	0.100		93.8	80-120			
Ethylbenzene	0.0953	0.00100	"	0.100		95.3	80-120			
Xylene (p/m)	0.189	0.00200	"	0.200		94.5	80-120			
Xylene (o)	0.0935	0.00100	"	0.100		93.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.111*		*"*	*0.120*		*92.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			
Matrix Spike (P0B1403-MS1)		**Source: 0B14001-01**		Prepared: 02/14/20 Analyzed: 02/15/20						
Benzene	0.117	0.00100	mg/L	0.100	0.00208	115	80-120			
Toluene	0.110	0.00100	"	0.100	ND	110	80-120			
Ethylbenzene	0.105	0.00100	"	0.100	ND	105	80-120			
Xylene (p/m)	0.223	0.00200	"	0.200	ND	111	80-120			
Xylene (o)	0.108	0.00100	"	0.100	ND	108	80-120			
Surrogate: 4-Bromofluorobenzene	*0.111*		*"*	*0.120*		*92.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*80-120*			
Batch P0B1404 - General Preparation (GC)										
Blank (P0B1404-BLK1)				Prepared: 02/14/20 Analyzed: 02/15/20						
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	*0.109*		*"*	*0.120*		*90.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.0*	*80-120*			

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

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

Fax: (432) 520-7701

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B1404 - General Preparation (GC)										
LCS (P0B1404-BS1)				Prepared: 02/14/20 Analyzed: 02/15/20						
Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0989	0.00100	"	0.100		98.9	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0965	0.00100	"	0.100		96.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.108*		*"*	*0.120*		*89.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			
LCS Dup (P0B1404-BSD1)				Prepared: 02/14/20 Analyzed: 02/15/20						
Benzene	0.104	0.00100	mg/L	0.100		104	80-120	0.531	20	
Toluene	0.0976	0.00100	"	0.100		97.6	80-120	1.41	20	
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120	2.00	20	
Xylene (p/m)	0.199	0.00200	"	0.200		99.7	80-120	1.26	20	
Xylene (o)	0.0961	0.00100	"	0.100		96.1	80-120	0.343	20	
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.120*		*90.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			
Calibration Blank (P0B1404-CCB1)				Prepared: 02/14/20 Analyzed: 02/15/20						
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.120*		*90.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*99.6*	*80-120*			
Calibration Check (P0B1404-CCV1)				Prepared: 02/14/20 Analyzed: 02/15/20						
Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.0938	0.00100	"	0.100		93.8	80-120			
Ethylbenzene	0.0953	0.00100	"	0.100		95.3	80-120			
Xylene (p/m)	0.189	0.00200	"	0.200		94.5	80-120			
Xylene (o)	0.0935	0.00100	"	0.100		93.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.111*		*"*	*0.120*		*92.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
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 P0B1404 - General Preparation (GC)										
Calibration Check (P0B1404-CCV3)				Prepared: 02/14/20 Analyzed: 02/15/20						
Benzene	0.0956	0.00100	mg/L	0.100		95.6	80-120			
Toluene	0.0914	0.00100	"	0.100		91.4	80-120			
Ethylbenzene	0.0935	0.00100	"	0.100		93.5	80-120			
Xylene (p/m)	0.184	0.00200	"	0.200		92.0	80-120			
Xylene (o)	0.0900	0.00100	"	0.100		90.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.112*		*"*	*0.120*		*93.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*102*	*80-120*			
Matrix Spike (P0B1404-MS1)		**Source: 0B14002-04**		Prepared: 02/14/20 Analyzed: 02/15/20						
Benzene	0.114	0.00100	mg/L	0.100	0.00179	112	80-120			
Toluene	0.112	0.00100	"	0.100	ND	112	80-120			
Ethylbenzene	0.117	0.00100	"	0.100	ND	117	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200	0.00280	107	80-120			
Xylene (o)	0.105	0.00100	"	0.100	ND	105	80-120			
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.120*		*91.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
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
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: 2/24/2020

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-686-7235

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

Project Name: 34 J lea
Project #:
Project Loc:
PO #:
Report Format: ☐ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 0614002

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: TOTAL: TPH by TX 1005 8015B 8015M	Chloride	BTEX by 8021B	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW 11 A			2-13-20	1331		3	X		X						GW			X		
2	MW 4 A			"	1357		"	"		"						"			"		X
3	MW 12			"	1423		"	"		"						"			"		
4	MW 5A			"	1451		"	"		"						"			"		
5	MW 10			"	1513		"	"		"						"			"		
6	MW 2			"	1548		"	"		"						"			"		
7	MW 3			"	1634		"	"		"						"			"		
8	MW 1			"	1650		"	"		"						"			"		
9	MW 7A			"	1707		"	"		"						"			"		
10	MW 6A			"	1724		"	"		"						"			"		

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	2-14-20	10:43			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: Trina Bledsoe	Date: 2-14-20	Time: 10:43

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 by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 5.0 °C CF +1
Adjusted: 4.0 °C Factor 1.1

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:

Lab Order Number: 0G01007

NELAP/TCEQ # T104704516-17-8

Report Date: 07/13/20

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

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

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW4A	0G01007-01	Water	06/26/20 13:48	07-01-2020 08:10
MW12	0G01007-02	Water	06/26/20 14:12	07-01-2020 08:10
MW11A	0G01007-03	Water	06/26/20 14:40	07-01-2020 08:10
MW5A	0G01007-04	Water	06/26/20 15:03	07-01-2020 08:10
MW2	0G01007-05	Water	06/26/20 15:28	07-01-2020 08:10
MW10	0G01007-06	Water	06/26/20 15:51	07-01-2020 08:10
MW1	0G01007-07	Water	06/26/20 16:08	07-01-2020 08:10
MW3	0G01007-08	Water	06/26/20 16:32	07-01-2020 08:10
MW6A	0G01007-09	Water	06/26/20 16:55	07-01-2020 08:10
MW7A	0G01007-10	Water	06/26/20 17:13	07-01-2020 08:10

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW4A

0G01007-01 (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	P0G0205	07/02/20	07/02/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Ethylbenzene	**0.00411**	0.00100	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*87.4 %*		*80-120*	*P0G0205*	*07/02/20*	*07/02/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.6 %*		*80-120*	*P0G0205*	*07/02/20*	*07/02/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW12

0G01007-02 (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	P0G0205	07/02/20	07/02/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*87.7 %*	*80-120*		*P0G0205*	*07/02/20*	*07/02/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.9 %*	*80-120*		*P0G0205*	*07/02/20*	*07/02/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW11A

0G01007-03 (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	P0G0205	07/02/20	07/02/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*89.8 %*	*80-120*		*P0G0205*	*07/02/20*	*07/02/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.9 %*	*80-120*		*P0G0205*	*07/02/20*	*07/02/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW5A

0G01007-04 (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	P0G0205	07/02/20	07/02/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*85.7 %*	*80-120*		*P0G0205*	*07/02/20*	*07/02/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.0 %*	*80-120*		*P0G0205*	*07/02/20*	*07/02/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW2

0G01007-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0275**	0.00100	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Ethylbenzene	**0.00873**	0.00100	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Xylene (p/m)	**0.00398**	0.00200	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*89.2 %*	*80-120*		*P0G0205*	*07/02/20*	*07/02/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.6 %*	*80-120*		*P0G0205*	*07/02/20*	*07/02/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW10

0G01007-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0472**	0.00100	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Ethylbenzene	**0.00143**	0.00100	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Xylene (p/m)	**0.00348**	0.00200	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*88.1 %*	*80-120*		*P0G0205*	*07/02/20*	*07/02/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.6 %*	*80-120*		*P0G0205*	*07/02/20*	*07/02/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW1

0G01007-07 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.160**	0.00100	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Ethylbenzene	**0.103**	0.00100	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Xylene (p/m)	**0.0541**	0.00200	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Xylene (o)	**0.00201**	0.00100	mg/L	1	P0G0205	07/02/20	07/02/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*76.1 %*	*80-120*		*P0G0205*	*07/02/20*	*07/02/20*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*99.2 %*	*80-120*		*P0G0205*	*07/02/20*	*07/02/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW3

0G01007-08 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.426**	0.00500	mg/L	5	P0G0205	07/02/20	07/03/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0G0205	07/02/20	07/03/20	EPA 8021B	
Ethylbenzene	**0.0204**	0.00100	mg/L	1	P0G0205	07/02/20	07/03/20	EPA 8021B	
Xylene (p/m)	**0.0674**	0.00200	mg/L	1	P0G0205	07/02/20	07/03/20	EPA 8021B	
Xylene (o)	**0.00170**	0.00100	mg/L	1	P0G0205	07/02/20	07/03/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*78.0 %*	*80-120*		*P0G0205*	*07/02/20*	*07/03/20*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*111 %*	*80-120*		*P0G0205*	*07/02/20*	*07/03/20*	*EPA 8021B*	

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

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

Fax: (432) 520-7701

MW6A

0G01007-09 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.853**	0.00500	mg/L	5	P0G0205	07/02/20	07/03/20	EPA 8021B	
Toluene	**0.00837**	0.00500	mg/L	1	P0G0205	07/02/20	07/03/20	EPA 8021B	
Ethylbenzene	**0.179**	0.00100	mg/L	1	P0G0205	07/02/20	07/03/20	EPA 8021B	
Xylene (p/m)	**0.159**	0.00200	mg/L	1	P0G0205	07/02/20	07/03/20	EPA 8021B	
Xylene (o)	**0.0142**	0.00100	mg/L	1	P0G0205	07/02/20	07/03/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*71.7 %*	*80-120*		*P0G0205*	*07/02/20*	*07/03/20*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*112 %*	*80-120*		*P0G0205*	*07/02/20*	*07/03/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW7A

0G01007-10 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.531**	0.00500	mg/L	5	P0G0205	07/02/20	07/06/20	EPA 8021B	
Toluene	ND	0.0250	mg/L	5	P0G0205	07/02/20	07/06/20	EPA 8021B	
Ethylbenzene	**0.0187**	0.00500	mg/L	5	P0G0205	07/02/20	07/06/20	EPA 8021B	
Xylene (p/m)	**0.0284**	0.0100	mg/L	5	P0G0205	07/02/20	07/06/20	EPA 8021B	
Xylene (o)	**0.00550**	0.00500	mg/L	5	P0G0205	07/02/20	07/06/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*78.6 %*	*80-120*		*P0G0205*	*07/02/20*	*07/06/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*94.8 %*	*80-120*		*P0G0205*	*07/02/20*	*07/06/20*	*EPA 8021B*	

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

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

Fax: (432) 520-7701

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 P0G0205 - General Preparation (GC)										
Blank (P0G0205-BLK1)				Prepared & Analyzed: 07/02/20						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00500	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.120*		*90.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.5*	*80-120*			
LCS (P0G0205-BS1)				Prepared & Analyzed: 07/02/20						
Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.105	0.00500	"	0.100		105	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.217	0.00200	"	0.200		108	80-120			
Xylene (o)	0.116	0.00100	"	0.100		116	80-120			
Surrogate: 4-Bromofluorobenzene	*0.111*		*"*	*0.120*		*92.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.0*	*80-120*			
LCS Dup (P0G0205-BSD1)				Prepared & Analyzed: 07/02/20						
Benzene	0.107	0.00100	mg/L	0.100		107	80-120	0.459	20	
Toluene	0.105	0.00500	"	0.100		105	80-120	0.277	20	
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120	2.67	20	
Xylene (p/m)	0.215	0.00200	"	0.200		107	80-120	0.877	20	
Xylene (o)	0.115	0.00100	"	0.100		115	80-120	1.07	20	
Surrogate: 4-Bromofluorobenzene	*0.110*		*"*	*0.120*		*92.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.8*	*80-120*			
Calibration Blank (P0G0205-CCB1)				Prepared & Analyzed: 07/02/20						
Benzene	0.00		mg/L							
Ethylbenzene	0.790		"							
Xylene (p/m)	1.35		"							
Xylene (o)	0.510		"							
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*93.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.5*	*80-120*			

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

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

Fax: (432) 520-7701

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0G0205 - General Preparation (GC)										
Calibration Blank (P0G0205-CCB2)				Prepared & Analyzed: 07/02/20						
Benzene	0.00		mg/L							
Ethylbenzene	0.450		"							
Xylene (p/m)	0.860		"							
Xylene (o)	0.330		"							
Surrogate: 4-Bromofluorobenzene	*0.101*		*"*	*0.120*		*84.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*95.3*	*80-120*			
Calibration Blank (P0G0205-CCB3)				Prepared: 07/02/20 Analyzed: 07/03/20						
Benzene	0.00		mg/L							
Ethylbenzene	0.590		"							
Xylene (p/m)	0.920		"							
Xylene (o)	0.380		"							
Surrogate: 4-Bromofluorobenzene	*0.101*		*"*	*0.120*		*84.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*95.2*	*80-120*			
Calibration Check (P0G0205-CCV1)				Prepared & Analyzed: 07/02/20						
Benzene	0.0998	0.00100	mg/L	0.100		99.8	80-120			
Toluene	0.0971	0.00500	"	0.100		97.1	80-120			
Ethylbenzene	0.0987	0.00100	"	0.100		98.7	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200		96.7	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	*0.107*		*"*	*0.120*		*89.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.1*	*80-120*			
Calibration Check (P0G0205-CCV2)				Prepared & Analyzed: 07/02/20						
Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.0993	0.00500	"	0.100		99.3	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.195	0.00200	"	0.200		97.6	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	*0.108*		*"*	*0.120*		*90.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.2*	*80-120*			

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
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 P0G0205 - General Preparation (GC)										
Calibration Check (P0G0205-CCV3)				Prepared: 07/02/20 Analyzed: 07/03/20						
Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.0999	0.00500	"	0.100		99.9	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.196	0.00200	"	0.200		98.2	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	*0.106*		"	*0.120*		*88.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.9*	*80-120*			
Matrix Spike (P0G0205-MS1)		**Source: 0F30001-01**		Prepared: 07/02/20 Analyzed: 07/03/20						
Benzene	0.104	0.00100	mg/L	0.100	ND	104	80-120			
Toluene	0.101	0.00500	"	0.100	ND	101	80-120			
Ethylbenzene	0.102	0.00100	"	0.100	ND	102	80-120			
Xylene (p/m)	0.200	0.00200	"	0.200	ND	100	80-120			
Xylene (o)	0.106	0.00100	"	0.100	ND	106	80-120			
Surrogate: 4-Bromofluorobenzene	*0.103*		"	*0.120*		*86.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.2*	*80-120*			
Matrix Spike Dup (P0G0205-MSD1)		**Source: 0F30001-01**		Prepared: 07/02/20 Analyzed: 07/03/20						
Benzene	0.107	0.00100	mg/L	0.100	ND	107	80-120	2.59	20	
Toluene	0.103	0.00500	"	0.100	ND	103	80-120	1.95	20	
Ethylbenzene	0.102	0.00100	"	0.100	ND	102	80-120	0.0489	20	
Xylene (p/m)	0.210	0.00200	"	0.200	ND	105	80-120	4.43	20	
Xylene (o)	0.111	0.00100	"	0.100	ND	111	80-120	3.97	20	
Surrogate: 4-Bromofluorobenzene	*0.108*		"	*0.120*		*90.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.2*	*80-120*			

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
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
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: 7/13/2020

Brent Barron, Laboratory Director/Technical Director

LCD OK

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 Solutions
Company Address: 10 Desta Dr
City/State/Zip: Midland Tx 79705
Telephone No: (432) 520-7720
Fax No:
Sampler Signature: Manny Hamm
e-mail:

Project Name: 34 S lea
Project #:
Project Loc:
PO #:
Report Format: ☐ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 0G01007

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	Analyze For: TCLP: TPH: TX 1005	TX 1006	Anions (Cl, SO4, Alkalinity)	TOTAL: BTEX 8021B/5030 or BTEX 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW 4A			6-26-20	1348		3	X		X						GW						X		X
2	MW 12				1412																			
3	MW 11A				1440																			
4	MW 5A				1503																			
5	MW 2				1528																			
6	MW 10				1551																			
7	MW 1				1608																			
8	MW 3				1632																			
9	MW 6A				1655																			
10	MW 7A				1713																			

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	7-1-20	8:11			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: Megan Dittle	7/1/20	8:12

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

2.0 +1.0 3.0 CF L2

LCD OK

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 Solutions
Company Address: 10 Desta Dr
City/State/Zip: Midland Tx 79705
Telephone No: (432) 520-7720
Fax No:
Sampler Signature: Manny Hamm
e-mail:

Project Name: 34 S lea
Project #:
Project Loc:
PO #:
Report Format: ☐ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 0G01007

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	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 hrs	Standard TAT
1	MW 4A			6-26-20	1348		3	X		X						GW					X			X
2	MW 12				1412																			
3	MW 11A				1440																			
4	MW 5A				1503																			
5	MW 2				1528																			
6	MW 10				1551																			
7	MW 1				1608																			
8	MW 3				1632																			
9	MW 6A				1655																			
10	MW 7A				1713																			

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	7-1-20	8:11			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: Megan Dittle	7/1/20	8:12

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

2.0 +1.0 3.0 CF L2

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:

Lab Order Number: 0I18003

NELAP/TCEQ # T104704516-17-8

Report Date: 09/30/20

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

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

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW4A	0I18003-01	Water	09/15/20 13:16	09-18-2020 09:21
MW12	0I18003-02	Water	09/15/20 13:43	09-18-2020 09:21
MW11A	0I18003-03	Water	09/15/20 14:03	09-18-2020 09:21
MW5A	0I18003-04	Water	09/15/20 14:25	09-18-2020 09:21
MW2	0I18003-05	Water	09/15/20 14:41	09-18-2020 09:21
MW10	0I18003-06	Water	09/15/20 15:02	09-18-2020 09:21
MW1	0I18003-07	Water	09/15/20 15:20	09-18-2020 09:21
MW3	0I18003-08	Water	09/15/20 15:53	09-18-2020 09:21
MW7A	0I18003-09	Water	09/15/20 16:12	09-18-2020 09:21
MW6A	0I18003-10	Water	09/15/20 16:28	09-18-2020 09:21

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW4A

0I18003-01 (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	P0I2103	09/21/20	09/21/20	EPA 8021B	
Toluene	**0.00117**	0.00100	mg/L	1	P0I2103	09/21/20	09/21/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/L	1	P0I2103	09/21/20	09/21/20	EPA 8021B	
Xylene (p/m)	ND	0.00400	mg/L	1	P0I2103	09/21/20	09/21/20	EPA 8021B	
Xylene (o)	ND	0.00200	mg/L	1	P0I2103	09/21/20	09/21/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.2 %*	*80-120*		*P0I2103*	*09/21/20*	*09/21/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*92.6 %*	*80-120*		*P0I2103*	*09/21/20*	*09/21/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW12

0I18003-02 (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	P0I2103	09/21/20	09/21/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0I2103	09/21/20	09/21/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/L	1	P0I2103	09/21/20	09/21/20	EPA 8021B	
Xylene (p/m)	ND	0.00400	mg/L	1	P0I2103	09/21/20	09/21/20	EPA 8021B	
Xylene (o)	ND	0.00200	mg/L	1	P0I2103	09/21/20	09/21/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*91.4 %*	*80-120*		*P0I2103*	*09/21/20*	*09/21/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*93.4 %*	*80-120*		*P0I2103*	*09/21/20*	*09/21/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW11A

0I18003-03 (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	P0I2103	09/21/20	09/21/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0I2103	09/21/20	09/21/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/L	1	P0I2103	09/21/20	09/21/20	EPA 8021B	
Xylene (p/m)	ND	0.00400	mg/L	1	P0I2103	09/21/20	09/21/20	EPA 8021B	
Xylene (o)	ND	0.00200	mg/L	1	P0I2103	09/21/20	09/21/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*35.8 %*	*80-120*		*P0I2103*	*09/21/20*	*09/21/20*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*83.4 %*	*80-120*		*P0I2103*	*09/21/20*	*09/21/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW5A

0I18003-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00201**	0.00100	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Toluene	**0.00257**	0.00100	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Ethylbenzene	**0.00456**	0.00200	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Xylene (p/m)	**0.00788**	0.00400	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Xylene (o)	**0.00232**	0.00200	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*108 %*	*80-120*		*P0I2103*	*09/21/20*	*09/22/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.4 %*	*80-120*		*P0I2103*	*09/21/20*	*09/22/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW2

0I18003-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0237**	0.00100	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Toluene	**0.00175**	0.00100	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Ethylbenzene	**0.0143**	0.00200	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Xylene (p/m)	**0.00464**	0.00400	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Xylene (o)	**0.00203**	0.00200	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.6 %*	*80-120*		*P0I2103*	*09/21/20*	*09/22/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.8 %*	*80-120*		*P0I2103*	*09/21/20*	*09/22/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW10

0I18003-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0365**	0.00100	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Toluene	**0.00126**	0.00100	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Xylene (p/m)	ND	0.00400	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Xylene (o)	ND	0.00200	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*80-120*		*P0I2103*	*09/21/20*	*09/22/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*93.3 %*	*80-120*		*P0I2103*	*09/21/20*	*09/22/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW1

0I18003-07 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.154**	0.00100	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Toluene	**0.00469**	0.00100	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Ethylbenzene	**0.107**	0.00200	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Xylene (p/m)	**0.0478**	0.00400	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Xylene (o)	**0.00248**	0.00200	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*88.5 %*	*80-120*		*P0I2103*	*09/21/20*	*09/22/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*93.6 %*	*80-120*		*P0I2103*	*09/21/20*	*09/22/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW3

0I18003-08 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.900**	0.0100	mg/L	10	P0I2103	09/21/20	09/22/20	EPA 8021B	
Toluene	**0.00422**	0.00100	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Ethylbenzene	**0.0246**	0.00200	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Xylene (p/m)	**0.0551**	0.00400	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Xylene (o)	ND	0.00200	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*87.8 %*	*80-120*		*P0I2103*	*09/21/20*	*09/22/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.5 %*	*80-120*		*P0I2103*	*09/21/20*	*09/22/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW7A

0I18003-09 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.639**	0.0100	mg/L	10	P0I2103	09/21/20	09/22/20	EPA 8021B	
Toluene	**0.00541**	0.00100	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Ethylbenzene	**0.0142**	0.00200	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Xylene (p/m)	**0.0271**	0.00400	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Xylene (o)	**0.00226**	0.00200	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*86.9 %*	*80-120*		*P0I2103*	*09/21/20*	*09/22/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*94.0 %*	*80-120*		*P0I2103*	*09/21/20*	*09/22/20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW6A

0I18003-10 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.678**	0.0100	mg/L	10	P0I2103	09/21/20	09/22/20	EPA 8021B	
Toluene	**0.00568**	0.00100	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Ethylbenzene	**0.182**	0.00200	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Xylene (p/m)	**0.152**	0.00400	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Xylene (o)	**0.00229**	0.00200	mg/L	1	P0I2103	09/21/20	09/22/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*83.8 %*	*80-120*		*P0I2103*	*09/21/20*	*09/22/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P0I2103*	*09/21/20*	*09/22/20*	*EPA 8021B*	

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

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

Fax: (432) 520-7701

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 P0I2103 - General Preparation (GC)										
Blank (P0I2103-BLK1)				Prepared & Analyzed: 09/21/20						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00200	"							
Xylene (p/m)	ND	0.00400	"							
Xylene (o)	ND	0.00200	"							
Surrogate: 4-Bromofluorobenzene	*0.111*		*"*	*0.120*		*92.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.112*		*"*	*0.120*		*93.3*	*80-120*			
LCS (P0I2103-BS1)				Prepared & Analyzed: 09/21/20						
Benzene	0.0942	0.00100	mg/L	0.100		94.2	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.101	0.00200	"	0.100		101	80-120			
Xylene (p/m)	0.211	0.00400	"	0.200		105	80-120			
Xylene (o)	0.111	0.00200	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*94.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.1*	*80-120*			
LCS Dup (P0I2103-BSD1)				Prepared & Analyzed: 09/21/20						
Benzene	0.0993	0.00100	mg/L	0.100		99.3	80-120	5.28	20	
Toluene	0.105	0.00100	"	0.100		105	80-120	4.92	20	
Ethylbenzene	0.109	0.00200	"	0.100		109	80-120	7.53	20	
Xylene (p/m)	0.222	0.00400	"	0.200		111	80-120	5.02	20	
Xylene (o)	0.118	0.00200	"	0.100		118	80-120	5.70	20	
Surrogate: 4-Bromofluorobenzene	*0.112*		*"*	*0.120*		*93.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.3*	*80-120*			
Calibration Blank (P0I2103-CCB3)				Prepared: 09/21/20 Analyzed: 09/22/20						
Surrogate: 4-Bromofluorobenzene	*0.112*		*mg/L*	*0.120*		*93.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.2*	*80-120*			

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
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 P0I2103 - General Preparation (GC)										
Calibration Check (P0I2103-CCV1)				Prepared & Analyzed: 09/21/20						
Benzene	0.0934	0.00100	mg/L	0.100		93.4	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.106	0.00200	"	0.100		106	80-120			
Xylene (p/m)	0.204	0.00400	"	0.200		102	80-120			
Xylene (o)	0.109	0.00200	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	*0.108*		*"*	*0.120*		*90.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.5*	*80-120*			
Calibration Check (P0I2103-CCV2)				Prepared: 09/21/20 Analyzed: 09/22/20						
Benzene	0.0962	0.00100	mg/L	0.100		96.2	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.109	0.00200	"	0.100		109	80-120			
Xylene (p/m)	0.204	0.00400	"	0.200		102	80-120			
Xylene (o)	0.109	0.00200	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	*0.112*		*"*	*0.120*		*93.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.2*	*80-120*			
Calibration Check (P0I2103-CCV3)				Prepared: 09/21/20 Analyzed: 09/22/20						
Benzene	0.0960	0.00100	mg/L	0.100		96.0	80-120			
Toluene	0.0997	0.00100	"	0.100		99.7	80-120			
Ethylbenzene	0.106	0.00200	"	0.100		106	80-120			
Xylene (p/m)	0.203	0.00400	"	0.200		101	80-120			
Xylene (o)	0.108	0.00200	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*94.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*95.3*	*80-120*			
Matrix Spike (P0I2103-MS1)	**Source: 0I18003-01**			Prepared: 09/21/20 Analyzed: 09/22/20						
Benzene	0.0967	0.00100	mg/L	0.100	0.000770	95.9	80-120			
Toluene	0.104	0.00100	"	0.100	0.00117	102	80-120			
Ethylbenzene	0.103	0.00200	"	0.100	ND	103	80-120			
Xylene (p/m)	0.213	0.00400	"	0.200	0.00217	105	80-120			
Xylene (o)	0.112	0.00200	"	0.100	ND	112	80-120			
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*94.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.112*		*"*	*0.120*		*93.5*	*80-120*			

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

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

Fax: (432) 520-7701

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0I2103 - General Preparation (GC)										
Matrix Spike Dup (P0I2103-MSD1)		**Source: 0I18003-01**		Prepared: 09/21/20 Analyzed: 09/22/20						
Benzene	0.101	0.00100	mg/L	0.100	0.000770	99.8	80-120	3.94	20	
Toluene	0.107	0.00100	"	0.100	0.00117	105	80-120	2.93	20	
Ethylbenzene	0.101	0.00200	"	0.100	ND	101	80-120	2.17	20	
Xylene (p/m)	0.218	0.00400	"	0.200	0.00217	108	80-120	2.13	20	
Xylene (o)	0.114	0.00200	"	0.100	ND	114	80-120	1.69	20	
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.112*		*"*	*0.120*		*93.5*	*80-120*			

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
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
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: 9/30/2020

Brent Barron, Laboratory Director/Technical Director

PERMIAN BASIN

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-686-7235

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

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

(lab use only)
ORDER #: 018003

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: TOTAL: TPH by TX 1005 8015B 8015M	Chloride	BTEX by 8021B	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW 4A			9-15-20	1316		3	X		X						GW			X		
2	MW 12				1343																X
3	MW 11A				1403																
4	MW 5A				1425																
5	MW 2				1441																
6	MW 10				1502																
7	MW 1				1520																
8	MW 3				1553																
9	MW 7A				1612																
10	MW 6A				1628																

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	9-18-20	9:21			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
			Mona Baker	9/18/21	9:21

Laboratory Comments:

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

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

Temperature Upon Receipt:
Received: 3.8 °C CF +1.2
Adjusted: 4.8 °C Factor

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:

Lab Order Number: 0K19002

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 12/18/20

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

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

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW8	0K19002-01	Water	11/17/20 12:50	11-19-2020 09:00
MW9	0K19002-02	Water	11/17/20 13:13	11-19-2020 09:00
MW4A	0K19002-03	Water	11/17/20 13:35	11-19-2020 09:00
MW12	0K19002-04	Water	11/17/20 14:00	11-19-2020 09:00
MW11A	0K19002-05	Water	11/17/20 14:22	11-19-2020 09:00
MW5A	0K19002-06	Water	11/17/20 14:41	11-19-2020 09:00
MW2	0K19002-07	Water	11/17/20 15:01	11-19-2020 09:00
MW10	0K19002-08	Water	11/17/20 15:19	11-19-2020 09:00
MW1	0K19002-09	Water	11/17/20 15:33	11-19-2020 09:00
MW7A	0K19002-10	Water	11/17/20 15:50	11-19-2020 09:00
MW6A	0K19002-11	Water	11/17/20 16:11	11-19-2020 09:00
MW3	0K19002-12	Water	11/17/20 16:39	11-19-2020 09:00

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	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW8

0K19002-01 (Water)

Permian Basin Environmental Lab, L.P.

Organics by GC

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/24/20 21:44	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/24/20 21:44	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/24/20 21:44	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0K2010	11/20/20 14:52	11/24/20 21:44	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/24/20 21:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*90.4 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/24/20 21:44*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.4 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/24/20 21:44*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW9

0K19002-02 (Water)

Permian Basin Environmental Lab, L.P.

Organics by GC

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**0.0103**	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/24/20 22:05	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/24/20 22:05	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/24/20 22:05	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0K2010	11/20/20 14:52	11/24/20 22:05	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/24/20 22:05	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*85.6 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/24/20 22:05*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.5 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/24/20 22:05*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW4A

0K19002-03 (Water)

Permian Basin Environmental Lab, L.P.

Organics by GC

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**0.00145**	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/24/20 23:30	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/24/20 23:30	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/24/20 23:30	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0K2010	11/20/20 14:52	11/24/20 23:30	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/24/20 23:30	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*89.3 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/24/20 23:30*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.4 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/24/20 23:30*	*EPA 8021B*	

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

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

Fax: (432) 520-7701

MW12

0K19002-04 (Water)

Permian Basin Environmental Lab, L.P.

Organics by GC

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/24/20 23:51	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/24/20 23:51	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/24/20 23:51	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0K2010	11/20/20 14:52	11/24/20 23:51	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/24/20 23:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/24/20 23:51*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.2 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/24/20 23:51*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW11A

0K19002-05 (Water)

Permian Basin Environmental Lab, L.P.

Organics by GC

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 00:12	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 00:12	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 00:12	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 00:12	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 00:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.9 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/25/20 00:12*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.4 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/25/20 00:12*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW5A

0K19002-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00314**	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 00:33	EPA 8021B	
Toluene	**0.00313**	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 00:33	EPA 8021B	
Ethylbenzene	**0.00147**	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 00:33	EPA 8021B	
Xylene (p/m)	**0.00349**	0.00200	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 00:33	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 00:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.1 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/25/20 00:33*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*91.4 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/25/20 00:33*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW2

0K19002-07 (Water)

Permian Basin Environmental Lab, L.P.

Organics by GC

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**0.0181**	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 00:54	EPA 8021B	
Toluene	**0.00206**	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 00:54	EPA 8021B	
Ethylbenzene	**0.00576**	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 00:54	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 00:54	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 00:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*85.6 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/25/20 00:54*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*86.5 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/25/20 00:54*	*EPA 8021B*	

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

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

Fax: (432) 520-7701

MW10

0K19002-08 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0783**	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 01:15	EPA 8021B	
Toluene	**0.00121**	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 01:15	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 01:15	EPA 8021B	
Xylene (p/m)	**0.00390**	0.00200	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 01:15	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 01:15	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.6 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/25/20 01:15*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*90.3 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/25/20 01:15*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: 2002-10286	
Midland TX, 79705	Project Manager: Curt Stanley	

MW1

0K19002-09 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.162**	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 01:36	EPA 8021B	
Toluene	**0.00565**	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 01:36	EPA 8021B	
Ethylbenzene	**0.108**	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 01:36	EPA 8021B	
Xylene (p/m)	**0.0299**	0.00200	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 01:36	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 01:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*80.0 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/25/20 01:36*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.9 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/25/20 01:36*	*EPA 8021B*	
PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	**0.060**	0.00096	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 15:18	8270C	SUB-13
2-Methylnaphthalene	**0.00073**	0.000096	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:01	8270C	SUB-13
Acenaphthene	ND	0.000096	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:01	8270C	SUB-13
Acenaphthylene	**0.00027**	0.000096	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:01	8270C	SUB-13
Anthracene	ND	0.000096	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:01	8270C	SUB-13
Benzo (a) anthracene	ND	0.000096	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:01	8270C	SUB-13
Benzo (a) pyrene	ND	0.000096	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:01	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.000096	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:01	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.000096	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:01	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.000096	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:01	8270C	SUB-13
Chrysene	ND	0.000096	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:01	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.000096	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:01	8270C	SUB-13
Dibenzofuran	**0.0030**	0.000096	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:01	8270C	SUB-13
Fluoranthene	ND	0.000096	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:01	8270C	SUB-13
Fluorene	**0.0028**	0.000096	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:01	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.000096	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:01	8270C	SUB-13
Naphthalene	**0.0056**	0.000096	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:01	8270C	SUB-13
Phenanthrene	**0.0022**	0.000096	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:01	8270C	SUB-13
Pyrene	ND	0.000096	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:01	8270C	SUB-13

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

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

Fax: (432) 520-7701

MW7A

0K19002-10 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.395**	0.00500	mg/L	5	P0K2010	11/20/20 14:52	11/25/20 14:12	EPA 8021B	
Toluene	**0.00635**	0.00500	mg/L	5	P0K2010	11/20/20 14:52	11/25/20 14:12	EPA 8021B	
Ethylbenzene	**0.00835**	0.00500	mg/L	5	P0K2010	11/20/20 14:52	11/25/20 14:12	EPA 8021B	
Xylene (p/m)	**0.0102**	0.0100	mg/L	5	P0K2010	11/20/20 14:52	11/25/20 14:12	EPA 8021B	
Xylene (o)	**0.00204**	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 14:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*81.2 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/25/20 14:12*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.6 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/25/20 14:12*	*EPA 8021B*	
PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	**0.055**	0.00099	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 15:37	8270C	SUB-13
2-Methylnaphthalene	**0.00083**	0.000099	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:21	8270C	SUB-13
Acenaphthene	**0.00026**	0.000099	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:21	8270C	SUB-13
Acenaphthylene	**0.00019**	0.000099	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:21	8270C	SUB-13
Anthracene	**0.00013**	0.000099	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:21	8270C	SUB-13
Benzo (a) anthracene	ND	0.000099	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:21	8270C	SUB-13
Benzo (a) pyrene	ND	0.000099	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:21	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.000099	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:21	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.000099	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:21	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.000099	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:21	8270C	SUB-13
Chrysene	ND	0.000099	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:21	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.000099	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:21	8270C	SUB-13
Dibenzofuran	**0.0030**	0.000099	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:21	8270C	SUB-13
Fluoranthene	ND	0.000099	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:21	8270C	SUB-13
Fluorene	**0.0027**	0.000099	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:21	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.000099	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:21	8270C	SUB-13
Naphthalene	**0.0057**	0.000099	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:21	8270C	SUB-13
Phenanthrene	**0.0026**	0.000099	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:21	8270C	SUB-13
Pyrene	ND	0.000099	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:21	8270C	SUB-13

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

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

Fax: (432) 520-7701

MW6A

0K19002-11 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.764**	0.00500	mg/L	5	P0K2010	11/20/20 14:52	11/25/20 14:33	EPA 8021B	
Toluene	**0.00695**	0.00500	mg/L	5	P0K2010	11/20/20 14:52	11/25/20 14:33	EPA 8021B	
Ethylbenzene	**0.151**	0.00500	mg/L	5	P0K2010	11/20/20 14:52	11/25/20 14:33	EPA 8021B	
Xylene (p/m)	**0.203**	0.0100	mg/L	5	P0K2010	11/20/20 14:52	11/25/20 14:33	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K2010	11/20/20 14:52	11/25/20 14:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*84.0 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/25/20 14:33*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.7 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/25/20 14:33*	*EPA 8021B*	
PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	**0.043**	0.0010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 15:56	8270C	SUB-13
2-Methylnaphthalene	**0.031**	0.0010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 15:56	8270C	SUB-13
Acenaphthene	**0.00015**	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:40	8270C	SUB-13
Acenaphthylene	**0.00019**	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:40	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:40	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:40	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:40	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:40	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:40	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:40	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:40	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:40	8270C	SUB-13
Dibenzofuran	**0.0020**	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:40	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:40	8270C	SUB-13
Fluorene	**0.0021**	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:40	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:40	8270C	SUB-13
Naphthalene	**0.049**	0.0010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 15:56	8270C	SUB-13
Phenanthrene	**0.0015**	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:40	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:40	8270C	SUB-13

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

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

Fax: (432) 520-7701

MW3

0K19002-12 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.462**	0.00500	mg/L	5	P0K2010	11/20/20 14:52	11/25/20 14:54	EPA 8021B	
Toluene	**0.00885**	0.00500	mg/L	5	P0K2010	11/20/20 14:52	11/25/20 14:54	EPA 8021B	
Ethylbenzene	**0.0101**	0.00500	mg/L	5	P0K2010	11/20/20 14:52	11/25/20 14:54	EPA 8021B	
Xylene (p/m)	**0.0310**	0.0100	mg/L	5	P0K2010	11/20/20 14:52	11/25/20 14:54	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	5	P0K2010	11/20/20 14:52	11/25/20 14:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*87.8 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/25/20 14:54*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*94.4 %*	*80-120*		*P0K2010*	*11/20/20 14:52*	*11/25/20 14:54*	*EPA 8021B*	
PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	**0.022**	0.0010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 16:15	8270C	SUB-13
2-Methylnaphthalene	**0.00074**	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:59	8270C	SUB-13
Acenaphthene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:59	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:59	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:59	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:59	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:59	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:59	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:59	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:59	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:59	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:59	8270C	SUB-13
Dibenzofuran	**0.0015**	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:59	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:59	8270C	SUB-13
Fluorene	**0.0013**	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:59	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:59	8270C	SUB-13
Naphthalene	**0.0023**	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:59	8270C	SUB-13
Phenanthrene	**0.00089**	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:59	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P0L0710	11/24/20 11:39	11/30/20 14:59	8270C	SUB-13

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

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

Fax: (432) 520-7701

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0K2010 - * DEFAULT PREP *** **										
Blank (P0K2010-BLK1)				Prepared: 11/20/20 Analyzed: 11/24/20						
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	*0.103*		"	*0.120*		*85.9*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.0*	*80-120*			
LCS (P0K2010-BS1)				Prepared: 11/20/20 Analyzed: 11/24/20						
Benzene	0.0859	0.00100	mg/L	0.100		85.9	80-120			
Toluene	0.0922	0.00100	"	0.100		92.2	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.194	0.00200	"	0.200		97.0	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0970*		"	*0.120*		*80.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*80-120*			
LCS Dup (P0K2010-BSD1)				Prepared: 11/20/20 Analyzed: 11/24/20						
Benzene	0.0887	0.00100	mg/L	0.100		88.7	80-120	3.14	20	
Toluene	0.0990	0.00100	"	0.100		99.0	80-120	7.14	20	
Ethylbenzene	0.135	0.00100	"	0.100		135	80-120	14.6	20	
Xylene (p/m)	0.224	0.00200	"	0.200		112	80-120	14.2	20	
Xylene (o)	0.117	0.00100	"	0.100		117	80-120	15.4	20	
Surrogate: 4-Bromofluorobenzene	*0.112*		"	*0.120*		*93.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*101*	*80-120*			
Calibration Check (P0K2010-CCV1)				Prepared: 11/20/20 Analyzed: 11/24/20						
Benzene	0.0943	0.00100	mg/L	0.100		94.3	80-120			
Toluene	0.0890	0.00100	"	0.100		89.0	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.207	0.00200	"	0.200		103	80-120			
Xylene (o)	0.111	0.00100	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	*0.105*		"	*0.120*		*87.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.110*		"	*0.120*		*91.5*	*80-120*			

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
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 P0K2010 - * DEFAULT PREP *** **										
Calibration Check (P0K2010-CCV2)				Prepared: 11/20/20 Analyzed: 11/24/20						
Benzene	0.0896	0.00100	mg/L	0.100		89.6	80-120			
Toluene	0.0969	0.00100	"	0.100		96.9	80-120			
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120			
Xylene (p/m)	0.219	0.00200	"	0.200		109	80-120			
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 4-Bromofluorobenzene	*0.112*		"	*0.120*		*93.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.120*		"	*0.120*		*100*	*80-120*			
Matrix Spike (P0K2010-MS1)		**Source: 0K18006-01**		Prepared: 11/20/20 Analyzed: 11/24/20						
Benzene	0.0864	0.00100	mg/L	0.100	0.00230	84.1	80-120			
Toluene	0.0923	0.00100	"	0.100	ND	92.3	80-120			
Ethylbenzene	0.106	0.00100	"	0.100	ND	106	80-120			
Xylene (p/m)	0.213	0.00200	"	0.200	ND	107	80-120			
Xylene (o)	0.114	0.00100	"	0.100	ND	114	80-120			
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*94.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.4*	*80-120*			

TRC Solutions- Midland, Texas	Project: 34 Junction to Lea	Fax: (432) 520-7701
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
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: 12/18/2020

Brent Barron, Laboratory Director/Technical Director

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

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

1 of 2

PERMIAN BASIN

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706
Phone: 432-686-7235

Project Manager: Curt Stanley
Company Name: TRC
Company Address: 10 Desta Dr
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 #: 0K19002

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	Analyze For: TPH by TX 1005 8015B 8015M	Chloride	BTEX by 8021B	PAH	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW 8			11-17-20	1250			X		X						GW			1			X
2	MW 9				1313																	
3	MW 4A				1335																	
4	MW 12				1400																	
5	MW 11A				1422																	
6	MW 5A				1441																	
7	MW 2				1501																	
8	MW 10				1519																	
9	MW 1				1533					3									3	3		
10	MW 7A				1550					3									3	3		

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	11-19-20	900			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL	11-19-20	900

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 by Sampler/Client Rep. ? Y N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt:
Received: °C
Adjusted: °C Factor

2 of 2

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706
Phone: 432-686-7235

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

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

(lab use only)
ORDER #: OK19002

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	Analyze For: TCLP: TPH by TX 1005 8015B 8015M	Chloride	BTEX by 8021B	PAH	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
11	MW 6A			11-17-20	1611		6	X		3						GW			3	3		X
12	MW 3			11-17-20	1639		6			3						GW			3	3		

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	11-19-20	900			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date: 11-19-20	Time: 900

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: °C
Adjusted: °C Factor

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

November 30, 2020

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

Work Order: **HS20111087**

Laboratory Results for: **0K19002**

Dear Brent Barron,

ALS Environmental received 4 sample(s) on Nov 20, 2020 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,

Bernadette Fini

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

ALS Houston, US Date: 30-Nov-20

Client: Permian Basin Environmental Lab, LP
Project: 0K19002
Work Order: HS20111087

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS20111087-01	0K19002-09	Water		17-Nov-2020 15:33	20-Nov-2020 09:50	☐
HS20111087-02	0K19002-10	Water		17-Nov-2020 15:50	20-Nov-2020 09:50	☐
HS20111087-03	0K19002-11	Water		17-Nov-2020 16:11	20-Nov-2020 09:50	☐
HS20111087-04	0K19002-12	Water		17-Nov-2020 16:39	20-Nov-2020 09:50	☐

ALS Houston, US Date: 30-Nov-20

Client: Permian Basin Environmental Lab, LP **CASE NARRATIVE**
Project: 0K19002
Work Order: HS20111087

GCMS Semivolatiles by Method SW8270

Batch ID: 160043

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

ALS Houston, US Date: 30-Nov-20

Client: Permian Basin Environmental Lab, LP
Project: 0K19002
Sample ID: 0K19002-09
Collection Date: 17-Nov-2020 15:33

ANALYTICAL REPORT
WorkOrder:HS20111087
Lab ID:HS20111087-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D	**Method:SW8270**			Prep:SW3511 / 24-Nov-2020		Analyst: ACN
1-Methylnaphthalene	**60.3**	n	**0.961**	**ug/L**	10	30-Nov-2020 15:18
2-Methylnaphthalene	**0.732**		**0.0961**	**ug/L**	1	30-Nov-2020 14:01
Acenaphthene	ND		0.0961	ug/L	1	30-Nov-2020 14:01
Acenaphthylene	**0.271**		**0.0961**	**ug/L**	1	30-Nov-2020 14:01
Anthracene	ND		0.0961	ug/L	1	30-Nov-2020 14:01
Benz(a)anthracene	ND		0.0961	ug/L	1	30-Nov-2020 14:01
Benzo(a)pyrene	ND		0.0961	ug/L	1	30-Nov-2020 14:01
Benzo(b)fluoranthene	ND		0.0961	ug/L	1	30-Nov-2020 14:01
Benzo(g,h,i)perylene	ND		0.0961	ug/L	1	30-Nov-2020 14:01
Benzo(k)fluoranthene	ND		0.0961	ug/L	1	30-Nov-2020 14:01
Chrysene	ND		0.0961	ug/L	1	30-Nov-2020 14:01
Dibenz(a,h)anthracene	ND		0.0961	ug/L	1	30-Nov-2020 14:01
Dibenzofuran	**2.96**		**0.0961**	**ug/L**	1	30-Nov-2020 14:01
Fluoranthene	ND		0.0961	ug/L	1	30-Nov-2020 14:01
Fluorene	**2.82**		**0.0961**	**ug/L**	1	30-Nov-2020 14:01
Indeno(1,2,3-cd)pyrene	ND		0.0961	ug/L	1	30-Nov-2020 14:01
Naphthalene	**5.59**		**0.0961**	**ug/L**	1	30-Nov-2020 14:01
Phenanthrene	**2.22**		**0.0961**	**ug/L**	1	30-Nov-2020 14:01
Pyrene	ND		0.0961	ug/L	1	30-Nov-2020 14:01
Surr: 2-Fluorobiphenyl	*102*		*32-130*	*%REC*	*10*	*30-Nov-2020 15:18*
Surr: 2-Fluorobiphenyl	*80.6*		*32-130*	*%REC*	*1*	*30-Nov-2020 14:01*
Surr: 4-Terphenyl-d14	*73.5*		*40-135*	*%REC*	*1*	*30-Nov-2020 14:01*
Surr: 4-Terphenyl-d14	*108*		*40-135*	*%REC*	*10*	*30-Nov-2020 15:18*
Surr: Nitrobenzene-d5	*62.1*		*45-142*	*%REC*	*1*	*30-Nov-2020 14:01*
Surr: Nitrobenzene-d5	*68.5*		*45-142*	*%REC*	*10*	*30-Nov-2020 15:18*

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

ALS Houston, US Date: 30-Nov-20

Client: Permian Basin Environmental Lab, LP
Project: 0K19002
Sample ID: 0K19002-10
Collection Date: 17-Nov-2020 15:50

ANALYTICAL REPORT
WorkOrder:HS20111087
Lab ID:HS20111087-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D	**Method:SW8270**			Prep:SW3511 / 24-Nov-2020		Analyst: ACN
1-Methylnaphthalene	**55.1**	n	**0.988**	**ug/L**	10	30-Nov-2020 15:37
2-Methylnaphthalene	**0.830**		**0.0988**	**ug/L**	1	30-Nov-2020 14:21
Acenaphthene	**0.259**		**0.0988**	**ug/L**	1	30-Nov-2020 14:21
Acenaphthylene	**0.186**		**0.0988**	**ug/L**	1	30-Nov-2020 14:21
Anthracene	**0.129**		**0.0988**	**ug/L**	1	30-Nov-2020 14:21
Benz(a)anthracene	ND		0.0988	ug/L	1	30-Nov-2020 14:21
Benzo(a)pyrene	ND		0.0988	ug/L	1	30-Nov-2020 14:21
Benzo(b)fluoranthene	ND		0.0988	ug/L	1	30-Nov-2020 14:21
Benzo(g,h,i)perylene	ND		0.0988	ug/L	1	30-Nov-2020 14:21
Benzo(k)fluoranthene	ND		0.0988	ug/L	1	30-Nov-2020 14:21
Chrysene	ND		0.0988	ug/L	1	30-Nov-2020 14:21
Dibenz(a,h)anthracene	ND		0.0988	ug/L	1	30-Nov-2020 14:21
Dibenzofuran	**3.03**		**0.0988**	**ug/L**	1	30-Nov-2020 14:21
Fluoranthene	ND		0.0988	ug/L	1	30-Nov-2020 14:21
Fluorene	**2.71**		**0.0988**	**ug/L**	1	30-Nov-2020 14:21
Indeno(1,2,3-cd)pyrene	ND		0.0988	ug/L	1	30-Nov-2020 14:21
Naphthalene	**5.69**		**0.0988**	**ug/L**	1	30-Nov-2020 14:21
Phenanthrene	**2.60**		**0.0988**	**ug/L**	1	30-Nov-2020 14:21
Pyrene	ND		0.0988	ug/L	1	30-Nov-2020 14:21
Surr: 2-Fluorobiphenyl	*87.0*		*32-130*	*%REC*	*1*	*30-Nov-2020 14:21*
Surr: 2-Fluorobiphenyl	*107*		*32-130*	*%REC*	*10*	*30-Nov-2020 15:37*
Surr: 4-Terphenyl-d14	*74.3*		*40-135*	*%REC*	*1*	*30-Nov-2020 14:21*
Surr: 4-Terphenyl-d14	*103*		*40-135*	*%REC*	*10*	*30-Nov-2020 15:37*
Surr: Nitrobenzene-d5	*104*		*45-142*	*%REC*	*1*	*30-Nov-2020 14:21*
Surr: Nitrobenzene-d5	*87.7*		*45-142*	*%REC*	*10*	*30-Nov-2020 15:37*

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

ALS Houston, US Date: 30-Nov-20

Client: Permian Basin Environmental Lab, LP
Project: 0K19002
Sample ID: 0K19002-11
Collection Date: 17-Nov-2020 16:11

ANALYTICAL REPORT
WorkOrder:HS20111087
Lab ID:HS20111087-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D	**Method:SW8270**			Prep:SW3511 / 24-Nov-2020		Analyst: ACN
1-Methylnaphthalene	**43.3**	n	**0.997**	**ug/L**	10	30-Nov-2020 15:56
2-Methylnaphthalene	**30.8**		**0.997**	**ug/L**	10	30-Nov-2020 15:56
Acenaphthene	**0.146**		**0.0997**	**ug/L**	1	30-Nov-2020 14:40
Acenaphthylene	**0.193**		**0.0997**	**ug/L**	1	30-Nov-2020 14:40
Anthracene	ND		0.0997	ug/L	1	30-Nov-2020 14:40
Benz(a)anthracene	ND		0.0997	ug/L	1	30-Nov-2020 14:40
Benzo(a)pyrene	ND		0.0997	ug/L	1	30-Nov-2020 14:40
Benzo(b)fluoranthene	ND		0.0997	ug/L	1	30-Nov-2020 14:40
Benzo(g,h,i)perylene	ND		0.0997	ug/L	1	30-Nov-2020 14:40
Benzo(k)fluoranthene	ND		0.0997	ug/L	1	30-Nov-2020 14:40
Chrysene	ND		0.0997	ug/L	1	30-Nov-2020 14:40
Dibenz(a,h)anthracene	ND		0.0997	ug/L	1	30-Nov-2020 14:40
Dibenzofuran	**2.04**		**0.0997**	**ug/L**	1	30-Nov-2020 14:40
Fluoranthene	ND		0.0997	ug/L	1	30-Nov-2020 14:40
Fluorene	**2.13**		**0.0997**	**ug/L**	1	30-Nov-2020 14:40
Indeno(1,2,3-cd)pyrene	ND		0.0997	ug/L	1	30-Nov-2020 14:40
Naphthalene	**48.7**		**0.997**	**ug/L**	10	30-Nov-2020 15:56
Phenanthrene	**1.46**		**0.0997**	**ug/L**	1	30-Nov-2020 14:40
Pyrene	ND		0.0997	ug/L	1	30-Nov-2020 14:40
Surr: 2-Fluorobiphenyl	*92.4*		*32-130*	*%REC*	*1*	*30-Nov-2020 14:40*
Surr: 2-Fluorobiphenyl	*108*		*32-130*	*%REC*	*10*	*30-Nov-2020 15:56*
Surr: 4-Terphenyl-d14	*128*		*40-135*	*%REC*	*10*	*30-Nov-2020 15:56*
Surr: 4-Terphenyl-d14	*90.3*		*40-135*	*%REC*	*1*	*30-Nov-2020 14:40*
Surr: Nitrobenzene-d5	*79.9*		*45-142*	*%REC*	*10*	*30-Nov-2020 15:56*
Surr: Nitrobenzene-d5	*75.0*		*45-142*	*%REC*	*1*	*30-Nov-2020 14:40*

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

ALS Houston, US Date: 30-Nov-20

Client: Permian Basin Environmental Lab, LP
Project: 0K19002
Sample ID: 0K19002-12
Collection Date: 17-Nov-2020 16:39

ANALYTICAL REPORT
WorkOrder:HS20111087
Lab ID:HS20111087-04
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D	**Method:SW8270**			Prep:SW3511 / 24-Nov-2020		Analyst: ACN
1-Methylnaphthalene	**22.3**	n	**0.999**	**ug/L**	10	30-Nov-2020 16:15
2-Methylnaphthalene	**0.736**		**0.0999**	**ug/L**	1	30-Nov-2020 14:59
Acenaphthene	ND		0.0999	ug/L	1	30-Nov-2020 14:59
Acenaphthylene	ND		0.0999	ug/L	1	30-Nov-2020 14:59
Anthracene	ND		0.0999	ug/L	1	30-Nov-2020 14:59
Benz(a)anthracene	ND		0.0999	ug/L	1	30-Nov-2020 14:59
Benzo(a)pyrene	ND		0.0999	ug/L	1	30-Nov-2020 14:59
Benzo(b)fluoranthene	ND		0.0999	ug/L	1	30-Nov-2020 14:59
Benzo(g,h,i)perylene	ND		0.0999	ug/L	1	30-Nov-2020 14:59
Benzo(k)fluoranthene	ND		0.0999	ug/L	1	30-Nov-2020 14:59
Chrysene	ND		0.0999	ug/L	1	30-Nov-2020 14:59
Dibenz(a,h)anthracene	ND		0.0999	ug/L	1	30-Nov-2020 14:59
Dibenzofuran	**1.47**		**0.0999**	**ug/L**	1	30-Nov-2020 14:59
Fluoranthene	ND		0.0999	ug/L	1	30-Nov-2020 14:59
Fluorene	**1.34**		**0.0999**	**ug/L**	1	30-Nov-2020 14:59
Indeno(1,2,3-cd)pyrene	ND		0.0999	ug/L	1	30-Nov-2020 14:59
Naphthalene	**2.26**		**0.0999**	**ug/L**	1	30-Nov-2020 14:59
Phenanthrene	**0.893**		**0.0999**	**ug/L**	1	30-Nov-2020 14:59
Pyrene	ND		0.0999	ug/L	1	30-Nov-2020 14:59
Surr: 2-Fluorobiphenyl	*98.5*		*32-130*	*%REC*	*10*	*30-Nov-2020 16:15*
Surr: 2-Fluorobiphenyl	*91.2*		*32-130*	*%REC*	*1*	*30-Nov-2020 14:59*
Surr: 4-Terphenyl-d14	*85.2*		*40-135*	*%REC*	*1*	*30-Nov-2020 14:59*
Surr: 4-Terphenyl-d14	*111*		*40-135*	*%REC*	*10*	*30-Nov-2020 16:15*
Surr: Nitrobenzene-d5	*63.3*		*45-142*	*%REC*	*1*	*30-Nov-2020 14:59*
Surr: Nitrobenzene-d5	*77.7*		*45-142*	*%REC*	*10*	*30-Nov-2020 16:15*

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

ALS Houston, US

Date: 30-Nov-20

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 0K19002
WorkOrder: HS20111087

Batch ID: 160043 **Start Date:** 24 Nov 2020 11:39 **End Date:**
Method: SW3511 **Prep Code:** 3511_PAH

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS20111087-01	1	34.35 (mL)	2 (mL)	0.05822
HS20111087-02	1	33.41 (mL)	2 (mL)	0.05986
HS20111087-03	1	33.09 (mL)	2 (mL)	0.06044
HS20111087-04	1	33.02 (mL)	2 (mL)	0.06057

ALS Houston, US Date: 30-Nov-20

Client: Permian Basin Environmental Lab, LP
Project: 0K19002
WorkOrder: HS20111087

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 160043 (0)	**Test Name :** LOW-LEVEL PAHS - 8270D				**Matrix:** Water	
HS20111087-01	0K19002-09	17 Nov 2020 15:33		24 Nov 2020 11:39	30 Nov 2020 15:18	10
HS20111087-01	0K19002-09	17 Nov 2020 15:33		24 Nov 2020 11:39	30 Nov 2020 14:01	1
HS20111087-02	0K19002-10	17 Nov 2020 15:50		24 Nov 2020 11:39	30 Nov 2020 15:37	10
HS20111087-02	0K19002-10	17 Nov 2020 15:50		24 Nov 2020 11:39	30 Nov 2020 14:21	1
HS20111087-03	0K19002-11	17 Nov 2020 16:11		24 Nov 2020 11:39	30 Nov 2020 15:56	10
HS20111087-03	0K19002-11	17 Nov 2020 16:11		24 Nov 2020 11:39	30 Nov 2020 14:40	1
HS20111087-04	0K19002-12	17 Nov 2020 16:39		24 Nov 2020 11:39	30 Nov 2020 16:15	10
HS20111087-04	0K19002-12	17 Nov 2020 16:39		24 Nov 2020 11:39	30 Nov 2020 14:59	1

ALS Houston, US Date: 30-Nov-20

Client: Permian Basin Environmental Lab, LP
Project: 0K19002
WorkOrder: HS20111087

QC BATCH REPORT

Batch ID: 160043 (0) **Instrument: SV-6** **Method: LOW-LEVEL PAHS - 8270D**

MBLK Sample ID: **MBLK-160043** Units: **ug/L** Analysis Date: **27-Nov-2020 13:43**
Client ID: Run ID: **SV-6_373542** SeqNo: **5855137** PrepDate: **24-Nov-2020** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	ND	0.100							
2-Methylnaphthalene	ND	0.100							
Acenaphthene	ND	0.100							
Acenaphthylene	ND	0.100							
Anthracene	ND	0.100							
Benz(a)anthracene	ND	0.100							
Benzo(a)pyrene	ND	0.100							
Benzo(b)fluoranthene	ND	0.100							
Benzo(g,h,i)perylene	ND	0.100							
Benzo(k)fluoranthene	ND	0.100							
Chrysene	ND	0.100							
Dibenz(a,h)anthracene	ND	0.100							
Dibenzofuran	ND	0.100							
Fluoranthene	ND	0.100							
Fluorene	ND	0.100							
Indeno(1,2,3-cd)pyrene	ND	0.100							
Naphthalene	ND	0.100							
Phenanthrene	ND	0.100							
Pyrene	ND	0.100							
Surr: 2-Fluorobiphenyl	*2.658*	*0.100*	*3.03*	*0*	*87.7*	*32 - 130*			
Surr: 4-Terphenyl-d14	*2.558*	*0.100*	*3.03*	*0*	*84.4*	*40 - 135*			
Surr: Nitrobenzene-d5	*2.644*	*0.100*	*3.03*	*0*	*87.3*	*45 - 142*			

ALS Houston, US Date: 30-Nov-20

Client: Permian Basin Environmental Lab, LP
Project: 0K19002
WorkOrder: HS20111087

QC BATCH REPORT

Batch ID: 160043 (0) **Instrument: SV-6** **Method: LOW-LEVEL PAHS - 8270D**

LCS Sample ID: **LCS-160043** Units: **ug/L** Analysis Date: **27-Nov-2020 14:02**
Client ID: Run ID: **SV-6_373542** SeqNo: **5855138** PrepDate: **24-Nov-2020** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	2.938	0.100	3.03	0	97.0	40 - 140				
2-Methylnaphthalene	3.114	0.100	3.03	0	103	40 - 140				
Acenaphthene	2.977	0.100	3.03	0	98.3	40 - 140				
Acenaphthylene	2.885	0.100	3.03	0	95.2	40 - 140				
Anthracene	2.916	0.100	3.03	0	96.2	40 - 140				
Benz(a)anthracene	2.718	0.100	3.03	0	89.7	40 - 140				
Benzo(a)pyrene	2.498	0.100	3.03	0	82.5	40 - 140				
Benzo(b)fluoranthene	2.578	0.100	3.03	0	85.1	40 - 140				
Benzo(g,h,i)perylene	2.273	0.100	3.03	0	75.0	40 - 140				
Benzo(k)fluoranthene	2.463	0.100	3.03	0	81.3	40 - 140				
Chrysene	2.732	0.100	3.03	0	90.2	40 - 140				
Dibenz(a,h)anthracene	2.447	0.100	3.03	0	80.8	40 - 140				
Dibenzofuran	2.882	0.100	3.03	0	95.1	40 - 140				
Fluoranthene	2.919	0.100	3.03	0	96.4	40 - 140				
Fluorene	2.985	0.100	3.03	0	98.5	40 - 140				
Indeno(1,2,3-cd)pyrene	2.452	0.100	3.03	0	80.9	40 - 140				
Naphthalene	2.996	0.100	3.03	0	98.9	40 - 140				
Phenanthrene	2.943	0.100	3.03	0	97.1	40 - 140				
Pyrene	2.487	0.100	3.03	0	82.1	40 - 140				
Surr: 2-Fluorobiphenyl	*2.446*	*0.100*	*3.03*	*0*	*80.7*	*32 - 130*				
Surr: 4-Terphenyl-d14	*2.557*	*0.100*	*3.03*	*0*	*84.4*	*40 - 135*				
Surr: Nitrobenzene-d5	*2.441*	*0.100*	*3.03*	*0*	*80.6*	*45 - 142*				

ALS Houston, US Date: 30-Nov-20

Client: Permian Basin Environmental Lab, LP
Project: 0K19002
WorkOrder: HS20111087

QC BATCH REPORT

Batch ID: 160043 (0) **Instrument: SV-6** **Method: LOW-LEVEL PAHS - 8270D**

LCSD Sample ID: **LCSD-160043** Units: **ug/L** Analysis Date: **27-Nov-2020 14:22**
Client ID: Run ID: **SV-6_373542** SeqNo: **5855139** PrepDate: **24-Nov-2020** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	2.986	0.100	3.03	0	98.5	40 - 140	2.938	1.61	25	
2-Methylnaphthalene	2.954	0.100	3.03	0	97.5	40 - 140	3.114	5.24	25	
Acenaphthene	2.945	0.100	3.03	0	97.2	40 - 140	2.977	1.08	25	
Acenaphthylene	3.011	0.100	3.03	0	99.4	40 - 140	2.885	4.28	25	
Anthracene	2.741	0.100	3.03	0	90.4	40 - 140	2.916	6.2	25	
Benz(a)anthracene	2.54	0.100	3.03	0	83.8	40 - 140	2.718	6.77	25	
Benzo(a)pyrene	2.428	0.100	3.03	0	80.1	40 - 140	2.498	2.85	25	
Benzo(b)fluoranthene	2.399	0.100	3.03	0	79.2	40 - 140	2.578	7.21	25	
Benzo(g,h,i)perylene	2.19	0.100	3.03	0	72.3	40 - 140	2.273	3.76	25	
Benzo(k)fluoranthene	2.286	0.100	3.03	0	75.4	40 - 140	2.463	7.48	25	
Chrysene	2.613	0.100	3.03	0	86.3	40 - 140	2.732	4.43	25	
Dibenz(a,h)anthracene	2.411	0.100	3.03	0	79.6	40 - 140	2.447	1.47	25	
Dibenzofuran	2.739	0.100	3.03	0	90.4	40 - 140	2.882	5.11	25	
Fluoranthene	2.84	0.100	3.03	0	93.7	40 - 140	2.919	2.77	25	
Fluorene	2.932	0.100	3.03	0	96.8	40 - 140	2.985	1.77	25	
Indeno(1,2,3-cd)pyrene	2.337	0.100	3.03	0	77.1	40 - 140	2.452	4.79	25	
Naphthalene	2.864	0.100	3.03	0	94.5	40 - 140	2.996	4.51	25	
Phenanthrene	2.845	0.100	3.03	0	93.9	40 - 140	2.943	3.38	25	
Pyrene	2.382	0.100	3.03	0	78.6	40 - 140	2.487	4.32	25	
Surr: 2-Fluorobiphenyl	*2.414*	*0.100*	*3.03*	*0*	*79.7*	*32 - 130*	*2.446*	*1.31*	*25*	
Surr: 4-Terphenyl-d14	*2.368*	*0.100*	*3.03*	*0*	*78.2*	*40 - 135*	*2.557*	*7.66*	*25*	
Surr: Nitrobenzene-d5	*2.464*	*0.100*	*3.03*	*0*	*81.3*	*45 - 142*	*2.441*	*0.912*	*25*	

The following samples were analyzed in this batch: HS20111087-01 HS20111087-02 HS20111087-03 HS20111087-04

ALS Houston, US Date: 30-Nov-20

Client: Permian Basin Environmental Lab, LP
Project: 0K19002
WorkOrder: **HS20111087**

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: 30-Nov-20

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	20-030-0	26-Mar-2021
California	2919, 2020-2021	30-Apr-2021
Dept of Defense	PJLA L20-507	22-Dec-2021
Florida	E87611-30-07/01/2020	30-Jun-2021
Illinois	2000322020-4	09-May-2021
Kansas	E-10352 2020-2021	31-Jul-2021
Kentucky	123043, 2020-2021	30-Apr-2021
Louisiana	03087, 2020-2021	30-Jun-2021
North Carolina	624-2020	31-Dec-2020
North Dakota	R-193 2020-2021	30-Apr-2021
Texas	T104704231-20-26	30-Apr-2021

ALS Houston, US Date: 30-Nov-20

Client: Permian Basin Environmental Lab, LP
Project: 0K19002
Work Order: HS20111087

SAMPLE TRACKING

Lab Samp ID	Client Sample ID	Action	Date	Person	New Location
HS20111087-01	0K19002-09	Login	11/20/2020 2:47:12 PM	JRM	LVI008

ALS Houston, US Date: 30-Nov-20

Sample Receipt Checklist

Work Order ID: HS20111087 **Date/Time Received:** 20-Nov-2020 09:50

Client Name: Permian Basin Lab **Received by:** Jared R. Makan

Completed By:	/S/ Jared R. Makan	20-Nov-2020 14:44	**Reviewed by:**	/S/ Bernadette A. Fini	20-Nov-2020 16:20
	eSignature	Date/Time		eSignature	Date/Time

Matrices: **Water** Carrier name: **FedEx Standard 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 ☐	
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):	2.6°C/2.6°C UC/C	IR31	
Cooler(s)/Kit(s):	Red		
Date/Time sample(s) sent to storage:	11/20/2020 14:45		
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:

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

(lab use only)
ORDER #: HS20111087

Permian Basin Environmental Lab, LP
0K19002

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 2x 40mL VOA	H_2SO_4 1 Amber 500 250 poly	NaOH/ZNAC 250 Poly 1	$Na_2S_2O_3$	None Poly 500mL 250mL Glass Amber 1000 500 mL	NaOH/ZnAc	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: RCI	METALS RCRA 8 TCLP ICPMS/7471	COD-8000	TCLP BENZENE	NORM-COMPLETE	8260B COMPLETE LIST	SOLIDS-TSS 160.2	8270C PAH LL	8260C SEMIVOLATILE	METHANOL 8015M	TOX 9020B	Triethylene Glycol 8015m	CYANIDE 9010B	24 HOUR RUSH	STANDARD 4 DAY
0K19002-09			11/17/2020	15:33		3	X								W								X						X
0K19002-10			11/17/2020	15:50		3	X								W								X						X
0K1002-11			11/17/2020	16:11		3	X								W								X						X
0K19002-12			11/17/2020	16:39		3	X								W								X						X

Relinquished by:	Date	Time	Received by	Date	Time
Brent Barron	11/19/2020	16:00			
Relinquished by:	Date	Time	Received by	Date	Time
			J. Jimenez	11/20/20	09:50
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	Lc	

Temperature Upon Receipt:
Received: 2.6 °C
Adjusted: 0 °C Factor

Cooler - Red
1HC31

Red

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

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised March 17, 1999

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

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

Surface Owner Deck Estate	Mineral Owner	Lease No.

LOCATION OF RELEASE

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

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** Approved by District Supervisor:	
Printed Name: Frank Hernandez		
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 22896

CONDITIONS

Operator:	OGRID:
PLAINS MARKETING L.P. 333 Clay St, Ste 1600 Houston, TX 77002	34053
	Action Number: 22896
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2020 ANNUAL MONITORING REPORT: Content satisfactory Contractor anticipated actions approved by OCD and are as follows; 1. Continue quarterly and annual monitoring and groundwater sampling in 2021 2. Complete sampling from MW-1, MW-3, MW-6A, and MW-7A for PAH analysis in 2021 3. Submit the Annual Monitoring Report to the OCD no later than March 31, 2022.	1/11/2022