



**2019
ANNUAL MONITORING REPORT**

LEA STATION
LEA COUNTY, NEW MEXICO
SW ¼ NE 1/4 of SECTION 28, TOWNSHIP 20 SOUTH, RANGE 37 EAST
PLAINS SRS NUMBER: 2003-00339
Discharge Permit #: GW-351

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 79703

January 2020

A handwritten signature in blue ink, appearing to read "Curt D. Stanley", is written over a horizontal line.

Curt D. Stanley
Senior Project Manager

TABLE OF CONTENTS

INTRODUCTION.....	1
SITE DESCRIPTION AND BACKGROUND INFORMATION.....	1
FIELD ACTIVITIES.....	2
LABORATORY RESULTS	3
SUMMARY	7
ANTICIPATED ACTIONS	7
LIMITATIONS	8
DISTRIBUTION	10

FIGURES

Figure 1 – Site Location Map

Figure 2A – Inferred Groundwater Gradient Map – February 26-27, 2019

2B – Inferred Groundwater Gradient Map – June 4-5, 2019

2C – Inferred Groundwater Gradient Map – September 3-5, 2019

2D – Inferred Groundwater Gradient Map – November 19-20, 2019

Figure 3A – Groundwater Concentration and Inferred PSH Extent Map – February 26-27, 2019

3B – Groundwater Concentration and Inferred PSH Extent Map – June 4-5, 2019

3C – Groundwater Concentration and Inferred PSH Extent Map – September 3-5, 2019

3D – Groundwater Concentrations and Inferred PSH Extent Map – November 19-20, 2019

TABLES

Table 1 – 2019 Groundwater Elevation Data

Table 2 – 2019 Concentrations of BTEX in Groundwater

Table 3 – 2019 Polynuclear Aromatic Hydrocarbons in Groundwater

ENCLOSED ON DATA DISK

2019 Annual Monitoring Report

2019 Tables 1, 2, and 3 – Groundwater Elevation, BTEX, and PAH Concentration Data

2019 Figures 1, 2A-2D, and 3A-3D

Electronic Copies of Laboratory Reports

Historical Table 1, 2, and 3 – Groundwater Elevation, BTEX, and PAH Concentration Tables

INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), TRC Environmental Corporation (TRC) is pleased to submit this 2019 Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. The site was managed by Environmental Plus, Inc. (EPI) of Eunice, New Mexico until October 2014 and Basin Environmental Service Technologies, LLC (Basin) until October 2016. On or about October 1, 2016, project management responsibilities were assumed by TRC. This report is intended to be viewed as a complete document with figures, appendices, tables and text. The report presents the results of the four (4) quarterly groundwater monitoring events conducted in calendar year 2019.

Groundwater monitoring was conducted during each quarter of 2019 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH), if any. 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

Lea Station is a crude oil pipeline pumping station located in the SW ¼ NE ¼ of Section 28, Township 20 South, Range 37 East, in an area of Lea County, New Mexico, characterized by a stabilized eolian sand dune field. According to the *Lea Station Discharge Plan*, dated March 2003, “soil borings advanced at Lea Station identified intermittent occurrences of caliche mixed with fine tan sand from the surface to twenty-five (25) feet below ground surface (bgs), but no pure indurated caliche interbed, as is typical of lithologies of the High Plains Province to the north where the Ogallala Formation is capped by an intergrade of caliche and siliceous sandstone of varying thicknesses. The confining Triassic Red-Beds occur approximately thirty-five (35) feet bgs and are overlain by Quaternary Alluvium...” For reference, a Site Location Map is provided as Figure 1.

In 1992, Shell Pipeline Corporation (Shell), the previous owner of the facility, retained an environmental consulting firm, CURA Environmental Services, to determine baseline conditions of the subsurface environment at the Site. In December 1992, a series of twelve (12) soil borings were advanced to delineate the horizontal and vertical extent of impacted soil and seven (7) monitor wells (MW-1 through MW-7) were installed to assess the status of the underlying groundwater. Review of laboratory analytical results from soil samples collected during advancement of the soil borings and monitor wells identified two (2) areas of concern at the site (one in the eastern half and one in the western half) characterized by concentrations of total petroleum hydrocarbons (TPH) in exceedance of the NMOCD recommended remediation action level of 100 mg/kg. Laboratory analytical results from groundwater samples collected during the site investigation indicated the presence of dissolved-phase hydrocarbons in five (5) of the seven (7) monitor wells.

In September 1993, based on the laboratory analytical results, four (4) additional monitor wells (MW-8 through MW-11) were installed to further delineate the extent of hydrocarbon impact. Review of laboratory analytical results from samples collected during the subsequent groundwater investigation, along with the results from prior delineation activities, identified three (3) hydrocarbon-impacted areas at the site: one (1) in the eastern portion, one (1) in the north-central

portion, and one (1) in the western portion. In addition, a measurable thickness of phase separated hydrocarbons (PSH) was detected in monitor well MW-8.

Based on the levels and extent of hydrocarbon-impacted soil and groundwater, in September 1994, CURA Environmental Services submitted a *Remediation Plan* to Shell outlining a strategy to address and mitigate the existing (and potential) hydrocarbon impact at the site. The *Remediation Plan* called for the installation of a soil vapor extraction (SVE) and pumping system in area of monitor well MW-8, along with two (2) additional wells (RW-1 and RW-2) to facilitate product recovery.

The proposed remediation system was installed in February 1995 at the western end of the site, and PSH recovery was conducted from 1994 through 2003. The SVE system is currently inactive.

Link Energy Limited Partnership (now Plains) assumed ownership of Lea Station in late 2003.

Currently, a total of thirteen (13) monitor wells (MW-1 through MW-13) and two (2) recovery wells (RW-1 and RW-2) are located at Lea Station.

FIELD ACTIVITIES

Product Recovery Efforts

During the 2019 reporting period, no measureable thickness of PSH was detected in any of the on-site monitor or recovery wells. Table 1 depicts the groundwater gauging data for the reporting period. Historical groundwater elevation data beginning at project inception is provided on the enclosed data disk.

Approximately 840.8 gallons (20.02 barrels) of PSH have been recovered from the site to-date. Recovered fluids were disposed of at an NMOCD-approved disposal facility.

Groundwater Monitoring

Quarterly monitoring events for the reporting period were performed according to the following sampling schedule.

NMOCD Approved Sampling Schedule							
MW-1	Quarterly	MW-5	Quarterly	MW-9	Quarterly	MW-13	Quarterly
MW-2	Quarterly	MW-6	Quarterly	MW-10	Quarterly	RW-1	Quarterly
MW-3	Quarterly	MW-7	Quarterly	MW-11	Quarterly	RW-2	Quarterly
MW-4	Quarterly	MW-8	Quarterly	MW-12	Quarterly		

The site monitor wells were gauged and sampled on February 26-27, June 4-5, September 3-5, and November 19-20, 2019. During each sampling event, monitor wells were purged of a minimum of three (3) well volumes of water or until the wells failed to produce water. Purging was performed using a disposable polyethylene bailer for each well or electrical Grundfos pump and dedicated tubing. Groundwater was allowed to recharge and samples were collected using disposable Teflon samplers. Water samples were placed in clean glass containers provided by the

laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

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

The most recent Inferred Groundwater Gradient Map, Figure 2D, indicated a general gradient of approximately 0.012 feet/foot to the southeast. The corrected groundwater elevations ranged from 3,469.47 to 3,482.20 feet above mean sea level, in monitor well MW-10 on September 4, 2019 and in monitor well MW-5 on November 19, 2019, respectively.

LABORATORY RESULTS

Groundwater samples collected during all four (4) quarters of the 2019 reporting period were delivered to Permian Basin Environmental Laboratories 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-2 and MW-3 during the 2019 reporting period. Based on historical PAH analytical data, only those wells exhibiting elevated constituent concentrations above NMWQCC standards are sampled, with the exclusion of those wells containing measurable PSH thicknesses. A listing of BTEX constituent concentrations for 2019 are summarized in Table 2 and the 2019 PAH constituent concentrations are summarized in Table 3. Copies of the laboratory reports generated for 2019 are provided on the enclosed data disk. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

Monitor well MW-1 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.128 mg/L during the 3rd quarter to 0.252 mg/L during the 2nd quarter of 2019. Benzene concentrations were above the NMOCD regulatory guidelines of 0.01 mg/L during the four (4) quarters of the reporting period. Toluene concentrations were less than the applicable laboratory reporting limit (RL) and NMOCD regulatory guideline of 0.75 mg/L during all four (4) quarters of 2019. Ethylbenzene concentrations ranged from 0.00930 mg/L during the 3rd quarter to 0.0572 mg/L during the 2nd quarter of 2019. Ethylbenzene concentrations were below the NMOCD regulatory guidelines of 0.75 mg/L during the four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 1st quarter to 0.0516 mg/L during the 4th quarter of 2019. Xylene concentrations were below NMOCD regulatory guidelines of 0.62 mg/L during the four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-2 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.368 mg/L during the 3rd quarter to 1.68 mg/L during the 2nd quarter. 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, 3rd and 4th quarters to 0.00625 mg/L during the 1st 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 0.151 mg/L during the 3rd quarter to 0.399 mg/L during the 1st quarter. Ethylbenzene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.0762 mg/L during the 3rd quarter to 0.310 mg/L during the 1st quarter of 2019. Xylene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]anthracene (0.00031 mg/L), chrysene (0.0013 mg/L), fluorene (0.0046 mg/L), phenanthrene (0.013 mg/L), and naphthalene (0.0507 mg/L).

Monitor well MW-3 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.190 mg/L during the 3rd quarter to 0.682 mg/L during the 2nd quarter. Benzene concentrations were above the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0768 mg/L during the 4th quarter to 0.324 mg/L during the 2nd quarter. Ethylbenzene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.0301 mg/L during the 4th quarter to 0.0852 mg/L during the 2nd quarter of 2019. Xylene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]anthracene (0.00055 mg/L), chrysene (0.0026 mg/L), fluorene (0.0018 mg/L), and phenanthrene (0.0087 mg/L).

Monitor well MW-4 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during all four (4) quarters of the reporting period. The analytical results suggest BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 1st quarter of 1993. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-5 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during all four (4) quarters of the reporting period, with the exception of xylene during the 1st quarter of the reporting period. The analytical results suggest BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 2nd quarter of 1998. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-6 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 0.00299 mg/L during the 1st quarter. Benzene concentrations were below the

NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 2nd, 3rd, and 4th quarters to 0.00292 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during the four (4) quarters of the reporting period. The analytical results suggest BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 4th quarter of 2017. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-7 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during all four (4) quarters of the reporting period. The analytical results suggest BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 4th quarter of 2014. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-8 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during all four (4) quarters of the reporting period. The analytical results suggest BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 4th quarter of 1997. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-9 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during all four (4) quarters of the reporting period. The analytical results suggest BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 3rd quarter of 1993. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-10 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during all four (4) quarters of the reporting period. The analytical results suggest BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 3rd quarter of 1993. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-11 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.287 mg/L during the 1st quarter to 1.41 mg/L during the 4th quarter. Benzene concentrations were above the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 1st, 2nd, and 3rd quarters to 0.00400 mg/L during the 4th quarter of 2019. Toluene concentrations were below 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 quarter to 0.104 mg/L during the 4th quarter of 2019. Ethylbenzene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 2nd quarter to 0.05273 mg/L during the 1st quarter of 2019.

Ethylbenzene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-12 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.00361 mg/L during the 2nd quarter to 0.0164 mg/L during the 3rd quarter. Benzene concentrations were above the NMOCD regulatory guidelines during the 1st and 3rd quarters of the reporting period. Toluene concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the laboratory RL during the 1st quarter to 0.119 mg/L during the 3rd quarter. Ethylbenzene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 2nd and 4th quarters to 0.0646 mg/L during the 3rd quarter of 2019. Xylene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-13 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during all four (4) quarters of the reporting period. The analytical results suggest BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 4th quarter of 1995. PAH analysis was not required during the 4th quarter sampling event.

Recovery well RW-1 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during all four (4) quarters of the reporting period. The analytical results suggest BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 1st quarter of 1993. PAH analysis was not required during the 4th quarter sampling event.

Recovery well RW-2 is sampled on a quarterly schedule and the analytical results indicated benzene and toluene concentrations were less than the applicable laboratory RL and NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the laboratory RL during the 1st, 2nd, and 3rd quarters to 0.00574 mg/L during the 4th quarter. Ethylbenzene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 1st, 2nd and 3rd quarters to 0.00537 mg/L during the 4th quarter of 2019. Xylene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. The analytical results suggest BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 1st quarter of 2014. PAH analysis was not required during the 4th quarter sampling event.

Laboratory analytical results were compared to NMOCD regulatory limits based on the New Mexico groundwater guidelines found in Section 20.6.2.3103 of the New Mexico Administrative Code.

SUMMARY

Currently, a total of thirteen (13) monitor wells (MW-1 through MW-13) and two (2) recovery wells (RW-1 and RW-2) are located at Lea Station. The most recent Inferred Groundwater Gradient Map indicated a general gradient of approximately 0.012 feet/foot to the southeast.

During the 2019 reporting period, no measurable thickness of PSH was detected in any of the on-site monitor or recovery wells. Approximately 840.8 gallons (20.02 barrels) of PSH have been recovered from the site to-date. All recovered fluids were disposed of at an NMOCD-approved disposal facility.

Review of the 4th quarter 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 nine (9) of the thirteen (13) monitor wells and the two (2) recovery wells. Dissolved phase impact appears to be delineated and limited to monitor wells MW-1, MW-2, MW-3, and MW-11.

PAH analysis for monitor wells MW-2 and MW-3 during the 4th quarter sampling event indicated concentrations of benzo[a]anthracene, chrysene, fluorene, phenanthrene, and naphthalene (MW-2 only) exceeded the NMWQCC Drinking Water Standard.

ANTICIPATED ACTIONS

The following sampling schedule modifications will be implemented during the 2020 reporting period.

- **Recovery well RW-2 is currently sampled on a quarterly schedule and has not exhibited BTEX constituents above NMOCD regulatory guidelines since the 1st quarter of 2014. Based on the analytical results, recovery well RW-2 will be sampled on an annual schedule from the 2020 reporting period moving forward.**
- **Recovery well RW-1 is currently sampled on a quarterly schedule and has not exhibited BTEX constituents above NMOCD regulatory guidelines since the 1st quarter of 2003. Based on the analytical results, recovery well RW-1 will be sampled on an annual schedule from the 2020 reporting period moving forward.**
- **Monitor well MW-8 is currently sampled on a quarterly schedule and has not exhibited BTEX constituents above NMOCD regulatory guidelines since the 4th quarter of 1997. Based on the analytical results, monitor well MW-8 will be sampled on an annual schedule from the 2020 reporting period moving forward.**
- **Monitor well MW-6 is currently sampled on a quarterly schedule and has not exhibited BTEX constituents above NMOCD regulatory guidelines since the 4th quarter of 2017. Based on the analytical results, monitor well MW-6 will be sampled on a semi-annual schedule from the 2020 reporting period moving forward.**

- Monitor well MW-7 is currently sampled on a quarterly schedule and has not exhibited BTEX constituents above NMOCD regulatory guidelines since the 2nd quarter of 2014. Based on the analytical results, monitor well MW-7 will be sampled on an annual schedule from the 2020 reporting period moving forward.
- Monitor well MW-10 is currently sampled on a quarterly schedule and has not exhibited BTEX constituents above NMOCD regulatory guidelines since the 3rd quarter of 1993. Based on the analytical results, monitor well MW-10 will be sampled on an annual schedule from the 2020 reporting period moving forward.
- Monitor well MW-9 is currently sampled on a quarterly schedule and has not exhibited BTEX constituents above NMOCD regulatory guidelines since the 3rd quarter of 1993. Based on the analytical results, monitor well MW-9 will be sampled on an annual schedule from the 2020 reporting period moving forward.
- Monitor well MW-4 is currently sampled on a quarterly schedule and has not exhibited BTEX constituents above NMOCD regulatory guidelines since the 2nd quarter of 1993. Based on the analytical results, monitor well MW-4 will be sampled on an annual schedule from the 2020 reporting period moving forward.

Modified Sampling Schedule							
MW-1	Quarterly	MW-5	Quarterly	MW-9	Annually	MW-13	Quarterly
MW-2	Quarterly	MW-6	Annually	MW-10	Annually	RW-1	Annually
MW-3	Quarterly	MW-7	Annually	MW-11	Quarterly	RW-2	Annually
MW-4	Annually	MW-8	Annually	MW-12	Quarterly		

Quarterly monitoring and groundwater sampling will continue in 2020. Groundwater gauging will continue on a bi-monthly schedule according to site conditions.

Based on the results of previous PAH analysis, PAH analysis will be conducted on monitor wells MW-2 and MW-3 during the 2020 reporting period.

A 2019 Annual Monitoring Report will be submitted to the NMOCD by April 1, 2021.

LIMITATIONS

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

TRC has examined and relied upon documents referenced in the report and has relied on Basin and on oral statements made by certain individuals and information generated by EPI. TRC has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and the information provided in documents or statements is true and accurate. TRC has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. TRC

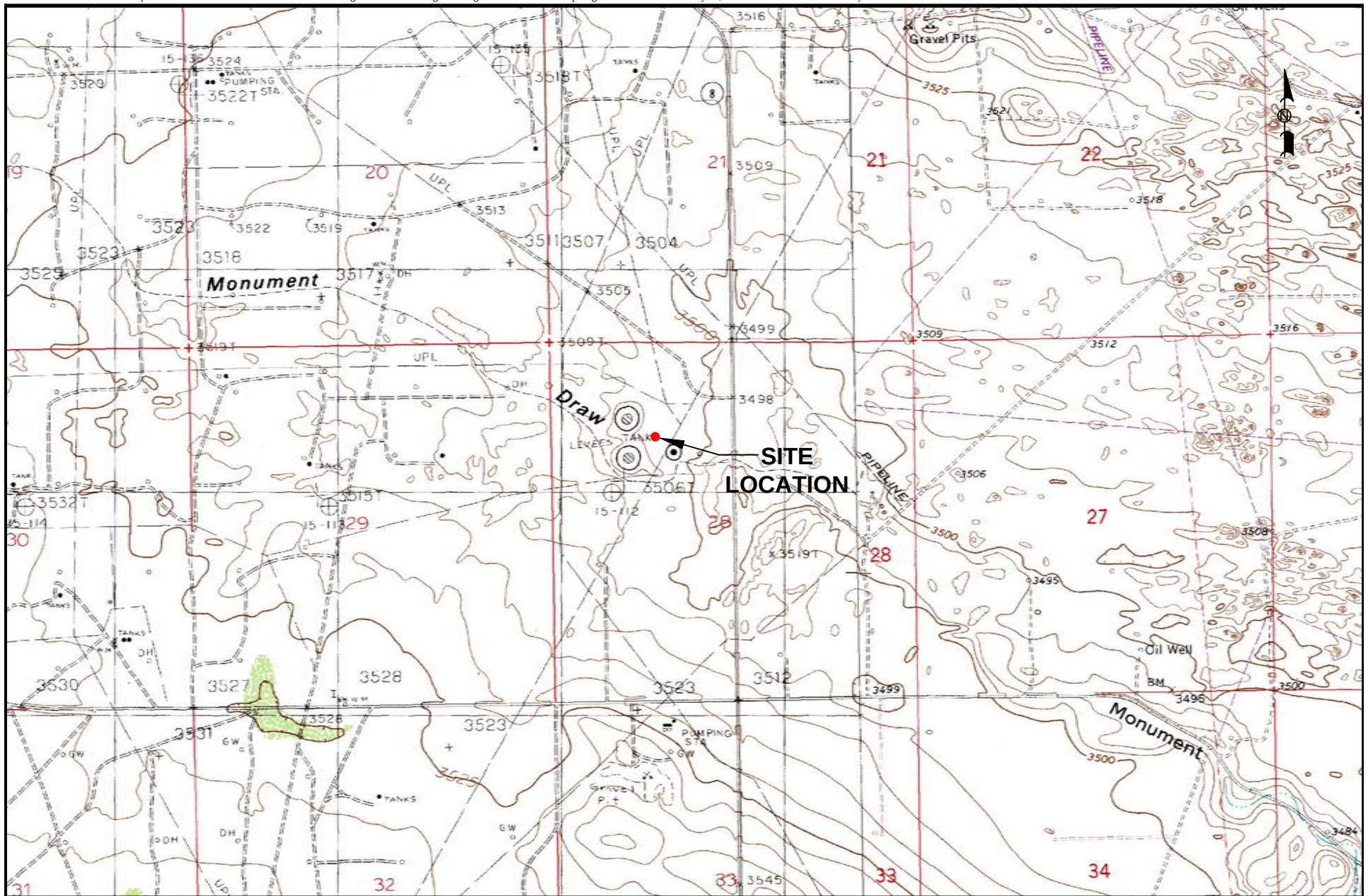
also notes the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

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

DISTRIBUTION

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Figures



LEGEND:

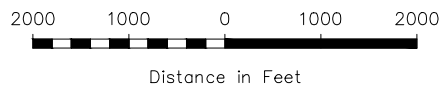


Figure 1
Site Location Map
Plains Marketing, LP.
Lea Station
NMOCD # GW-351
Lea County, NM

Scale: 1" = 2000'

CAD By: TA

Checked By: CS

Draft: February 14, 2019

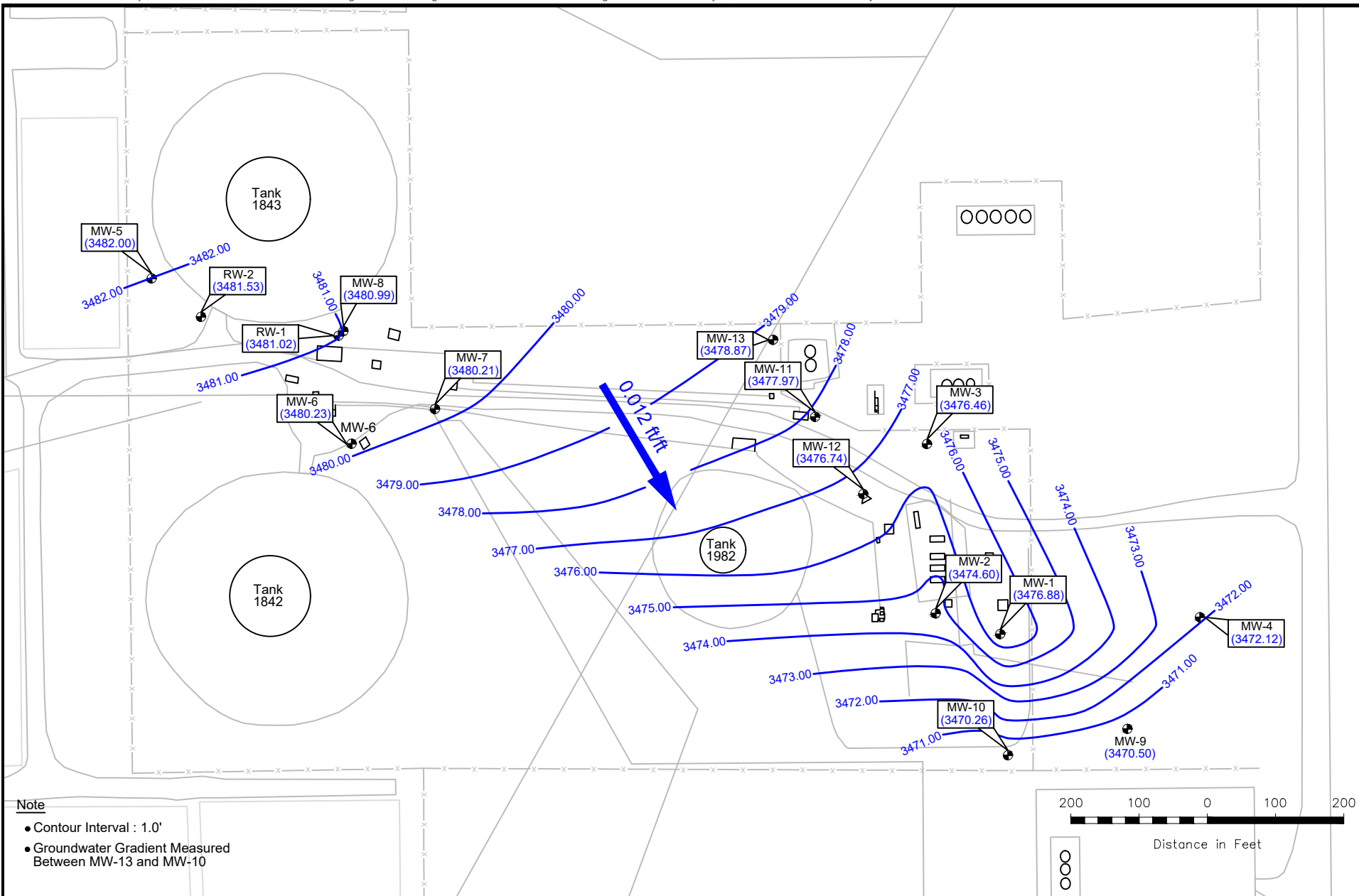
Lat. N 32.547583° , Long. W 103.260278°

SW1/4 NE1/4 Sec 28 T20S R37E

Plains SRS # 2003-00339 TRC Proj. No.: 265411



2057 Commerce Drive
Midland, Texas 79703
432.520.7720



LEGEND:

- Monitor Well Location
- (3491.69) Groundwater Elevation (Feet)
- Groundwater Elevation Contour Line
- (NG) Not Gauged

Figure 2A
Inferred Groundwater Gradient Map
(2/26/2019-2/27/2019)
Plains Marketing, L.P.
Lea Station Monitoring
NMOCD Reference # GW-351
Lea County, NM

Scale: 1" = 200'

CAD By: CS Checked By: CS

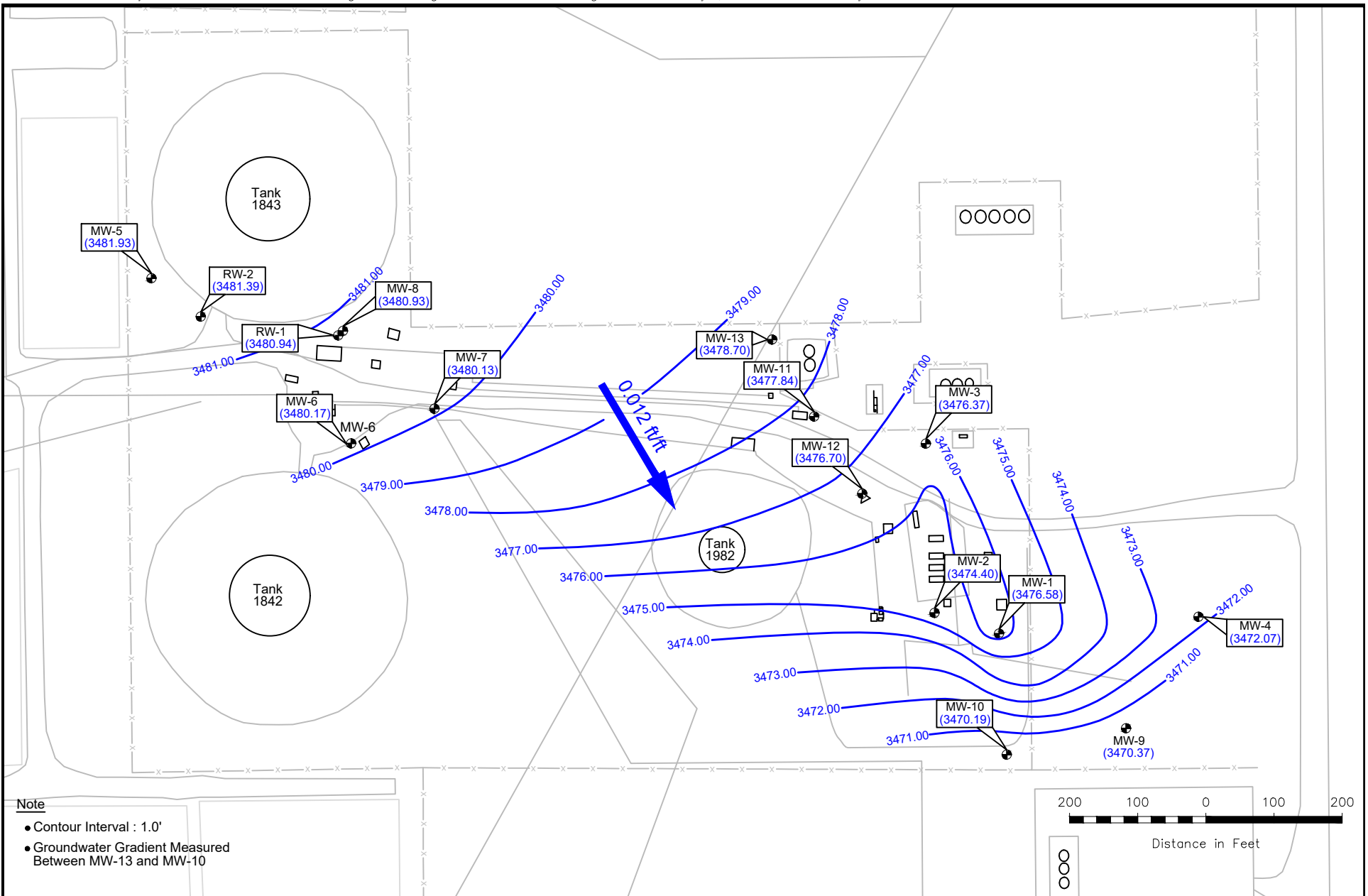
Draft: April 15, 2019

Lat. N 32.547583° , Long. W 103.260278°

SW1/4 NE1/4 Sec 28 T20S R37E

Plains SRS # 2003-00339 TRC Proj. No.: 265411





Note

- Contour Interval : 1.0'
- Groundwater Gradient Measured Between MW-13 and MW-10

LEGEND:

- Monitor Well Location
- (3791.69) Groundwater Elevation (Feet)
- Groundwater Elevation Contour Line
- (NG) Not Gauged

Figure 2B
Inferred Groundwater Gradient Map
(6/4/2019-6/5/2019)
Plains Marketing, L.P.
Lea Station Monitoring
NMOCD Reference # GW-351
Lea County, NM

Scale: 1" = 200'

CAD By: CS

Checked By: CS

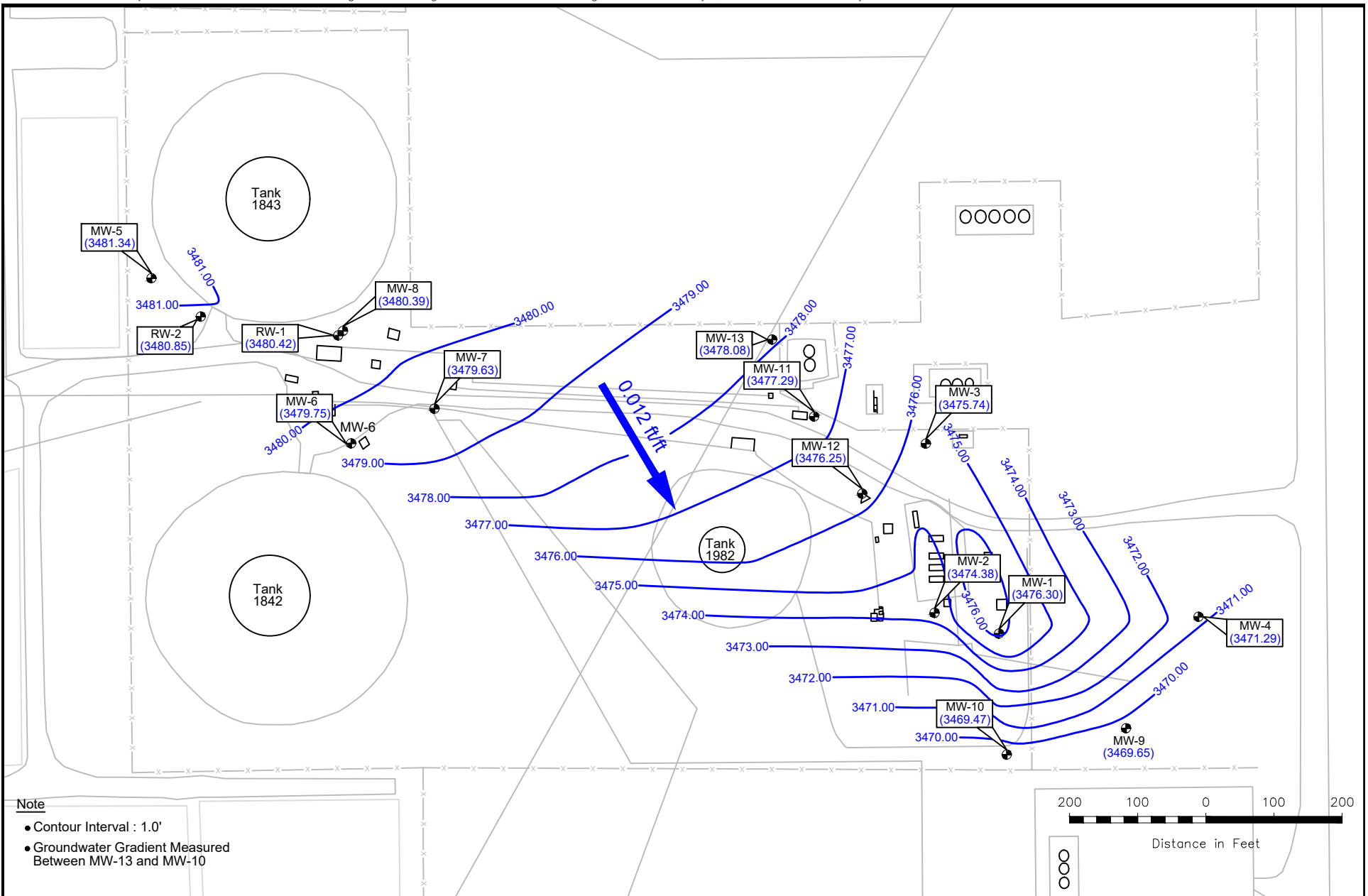
Draft: July 19, 2019

Lat. N 32.547583° , Long. W 103.260278°

SW1/4 NE1/4 Sec 28 T20S R37E

Plains SRS # 2003-00339 TRC Proj. No.: 265411





Note

- Contour Interval : 1.0'
- Groundwater Gradient Measured Between MW-13 and MW-10

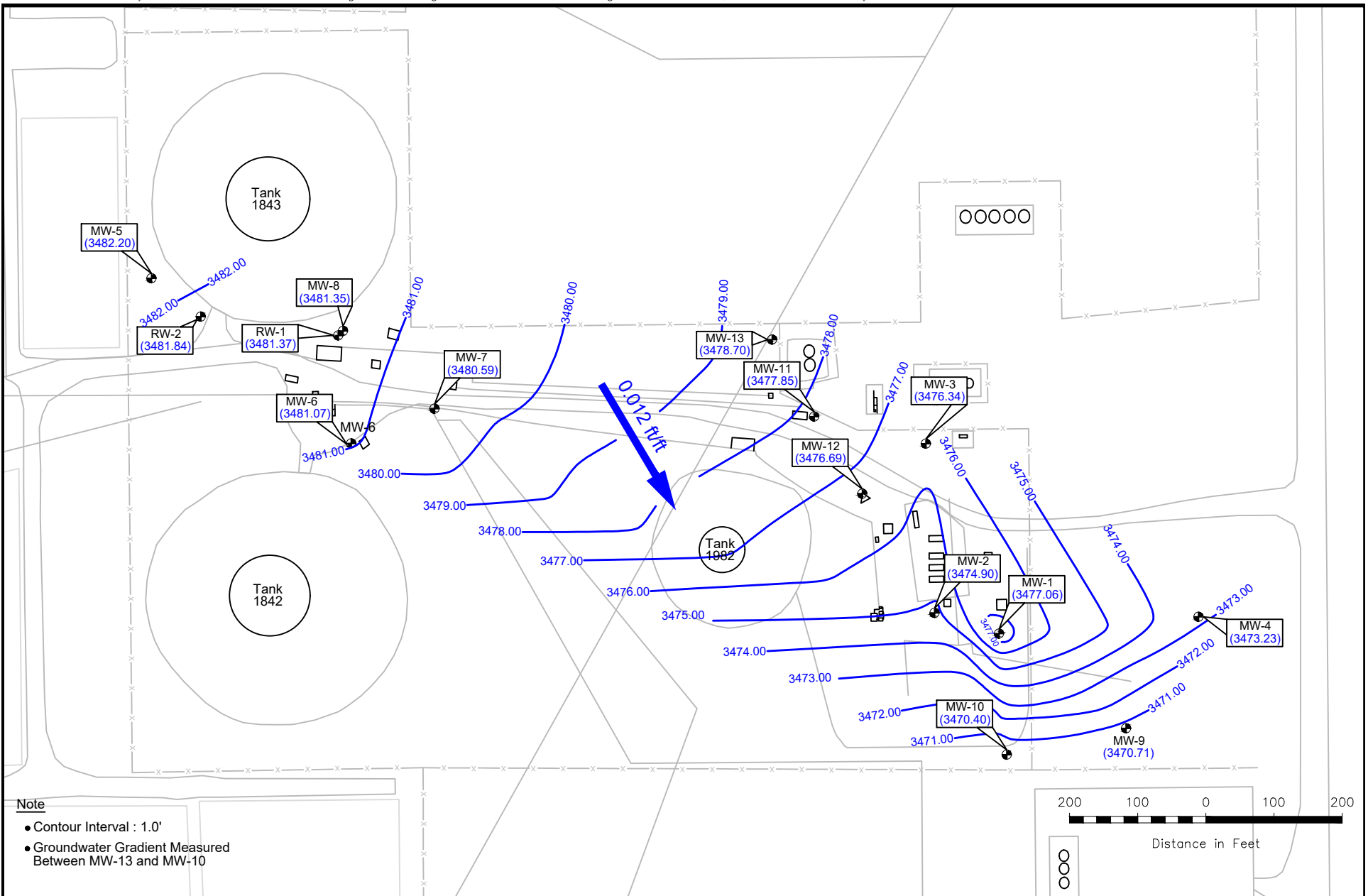
LEGEND:

- Monitor Well Location
- (3791.69) Groundwater Elevation (Feet)
- Groundwater Elevation Contour Line
- (NG) Not Gauged

Figure 2C
Inferred Groundwater Gradient Map
(9/3/2019 - 9/5/2019)
Plains Marketing, L.P.
Lea Station Monitoring
NMOCD Reference # GW-351
Lea County, NM

Scale: 1" = 200'	
CAD By: CS	Checked By: CS
Draft: October 8, 2019	
Lat. N 32.547583° , Long. W 103.260278°	
SW1/4 NE1/4 Sec 28 T20S R37E	
Plains SRS # 2003-00339 TRC Proj. No.: 265411	





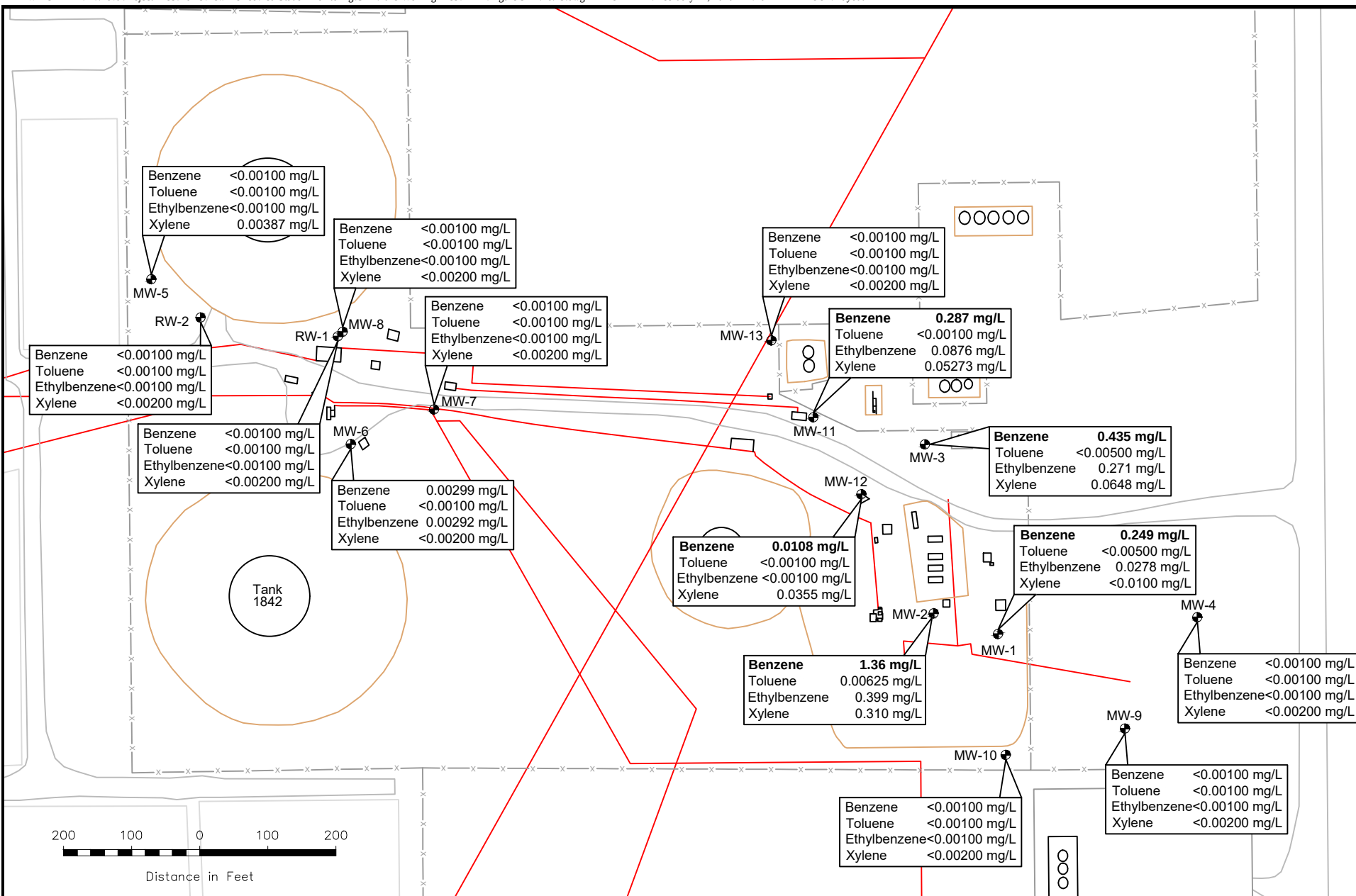
LEGEND:

- | | | | |
|--|------------------------------------|-----------|------------------------------|
| | Monitor Well Location | (3791.69) | Groundwater Elevation (Feet) |
| | Groundwater Elevation Contour Line | (NG) | Not Gauged |

Figure 2D
Inferred Groundwater Gradient Map
(11/19/2019-11/20/2019)
Plains Marketing, L.P.
Lea Station Monitoring
NMOCD Reference # GW-351
Lea County, NM

Scale: 1" = 200'	
CAD By: CS	Checked By: CS
Draft: December 16, 2019	
Lat. N 32.547583° , Long. W 103.260278°	
SW1/4 NE1/4 Sec 28 T20S R37E	
Plains SRS # 2003-00339 TRC Proj. No.: 265411	





LEGEND:

- | | | | |
|--|------------------------|--------|----------------------------------|
| | Monitor Well Location | 0.18' | PSH Thickness (in feet) |
| | Recovery Well Location | <0.001 | Constituent Concentration (mg/L) |
| | Pipeline | (NA) | PSH Thickness Data Unavailable |
| | Inferred PSH Extent | (NS) | Not Sampled |

Figure 3A
Groundwater Concentration
and Inferred PSH Extent Map
(2/26/2019-2/27/2019)
Plains Marketing, LP.
Lea Station
NMOCD # GW-351
Lea County, NM

Scale: 1" = 200'

CAD By: CS

Checked By: CS

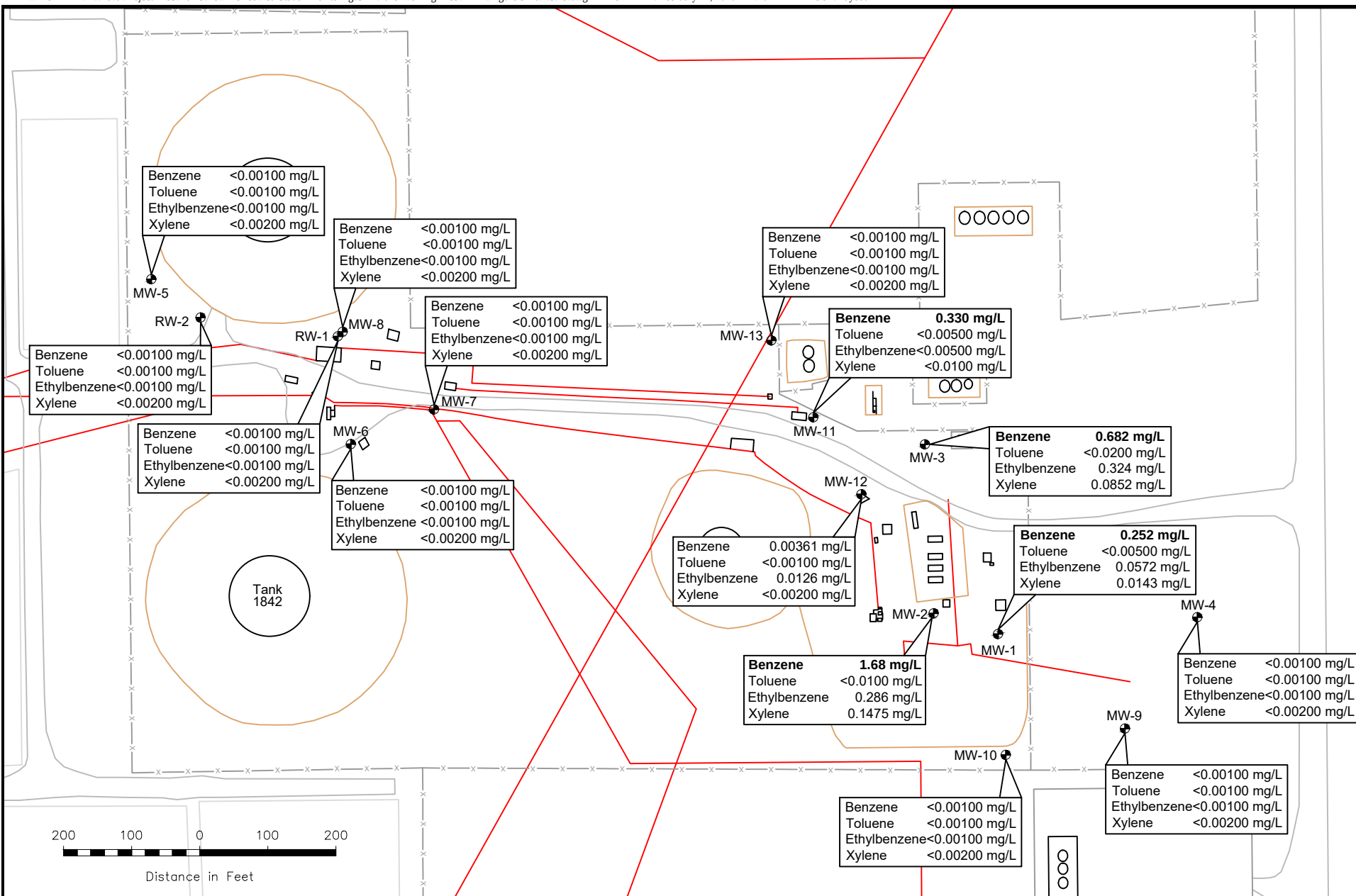
Draft: March 29, 2019

Lat. N 32.547583° , Long. W 103.260278°

SW1/4 NE1/4 Sec 28 T20S R37E

Plains SRS # 2003-00339 TRC Proj. No.: 265411





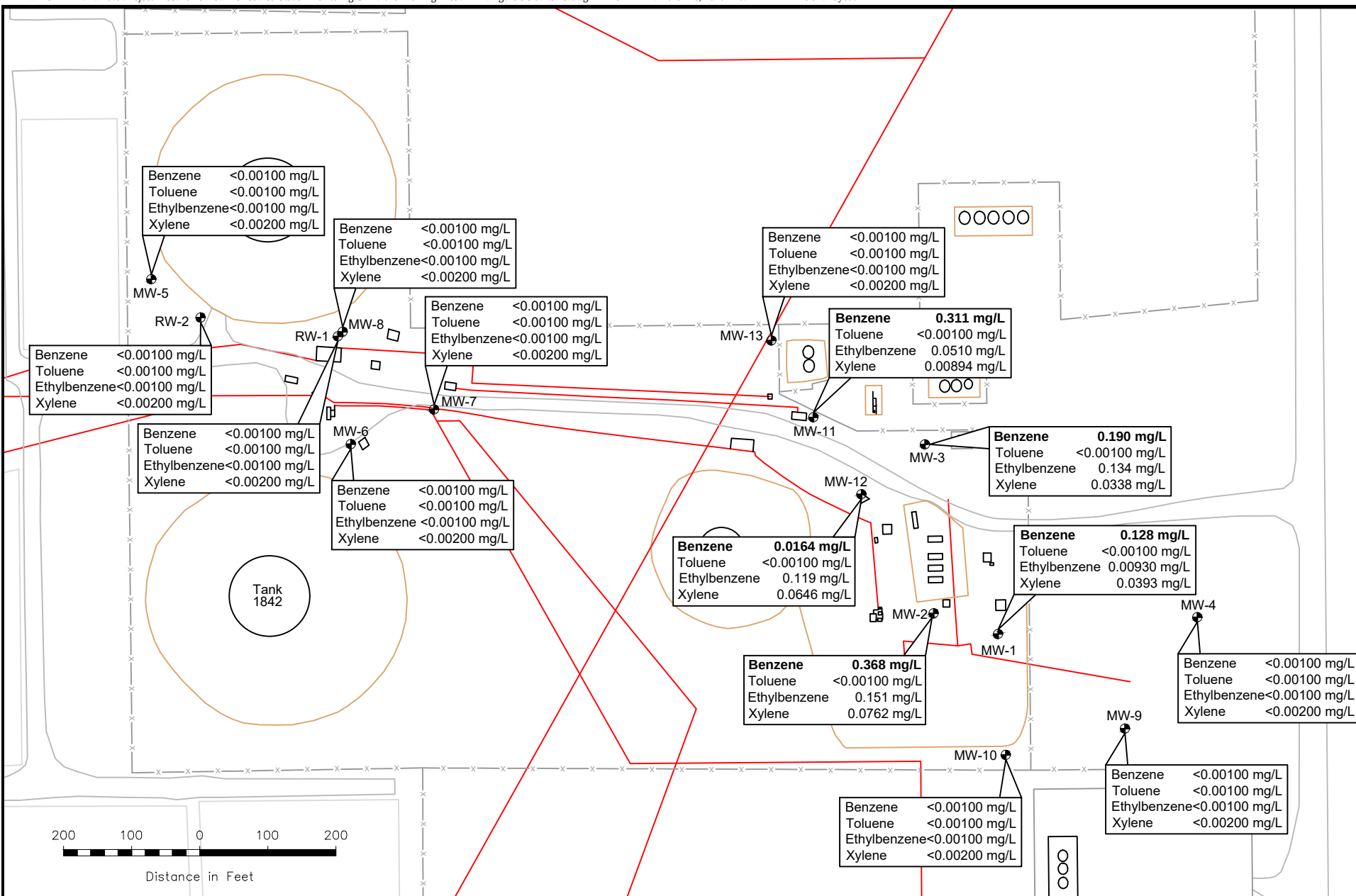
LEGEND:

- Monitor Well Location
- Recovery Well Location
- Pipeline
- Inferred PSH Extent
- 0.18' PSH Thickness (in feet)
- <0.001 Constituent Concentration (mg/L)
- (NA) PSH Thickness Data Unavailable
- (NS) Not Sampled

Figure 3B
Groundwater Concentration and Inferred PSH Extent Map
(6/4/2019-6/5/2019)
Plains Marketing, LP.
Lea Station
NMOCD # GW-351
Lea County, NM

Scale: 1" = 200'
CAD By: CS
Checked By: CS
Draft: June 24, 2019
Lat. N 32.547583° , Long. W 103.260278°
SW1/4 NE1/4 Sec 28 T20S R37E
Plains SRS # 2003-00339 TRC Proj. No.: 265411

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



LEGEND:

- Monitor Well Location
- Recovery Well Location
- Pipeline
- Inferred PSH Extent
- 0.18' PSH Thickness (in feet)
- <0.001 Constituent Concentration (mg/L)
- (NA) PSH Thickness Data Unavailable
- (NS) Not Sampled

Figure 3C
Groundwater Concentration
and Inferred PSH Extent Map
(9/3/2019-9/5/2019)
Plains Marketing, LP.
Lea Station
NMOCD # GW-351
Lea County, NM

Scale: 1" = 200'

CAD By: CS

Checked By: CS

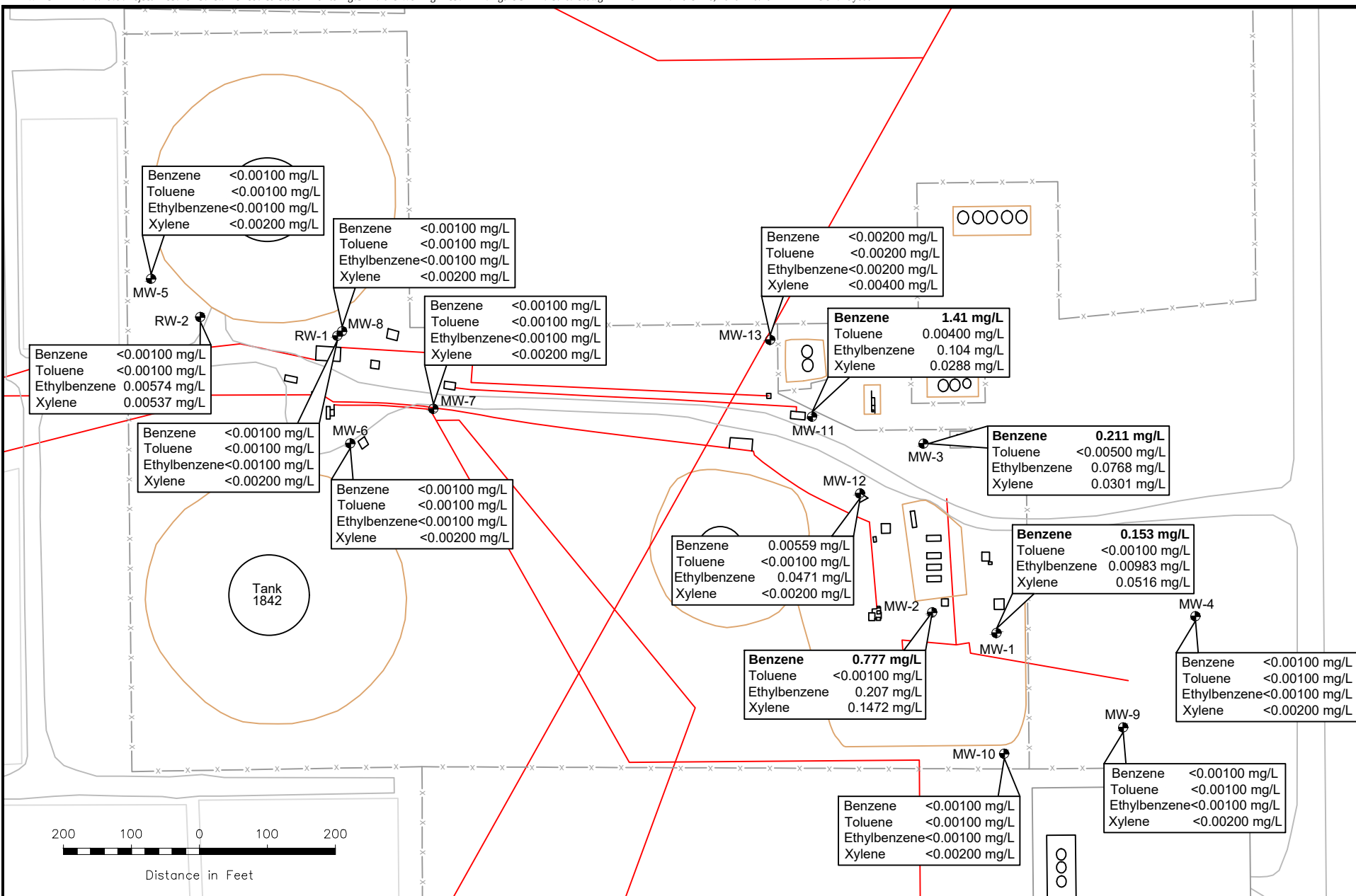
Draft: September 16, 2019

Lat. N 32.547583° , Long. W 103.260278°

SW1/4 NE1/4 Sec 28 T20S R37E

Plains SRS # 2003-00339 TRC Proj. No.: 265411





LEGEND:

- Monitor Well Location
- Recovery Well Location
- Pipeline
- Inferred PSH Extent
- 0.18' PSH Thickness (in feet)
- <0.001 Constituent Concentration (mg/L)
- (NA) PSH Thickness Data Unavailable
- (NS) Not Sampled

Figure 3D
Groundwater Concentration
and Inferred PSH Extent Map
(11/19/2019-11/20/2019)
Plains Marketing, LP.
Lea Station
NMOCD # GW-351
Lea County, NM

Scale: 1" = 200'

CAD By: CS Checked By: CS

Draft: December 13, 2019

Lat. N 32.547583° , Long. W 103.260278°

SW1/4 NE1/4 Sec 28 T20S R37E

Plains SRS # 2003-00339 TRC Proj. No.: 265411



2019 Tables

TABLE 1
2019 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-1	01/08/19	3,505.22	-	28.70	0.00	3,476.52
MW-1	01/25/19	3,505.22	-	28.51	0.00	3,476.71
MW-1	02/14/19	3,505.22	-	28.51	0.00	3,476.71
MW-1	02/27/19	3,505.22	-	28.34	0.00	3,476.88
MW-1	03/13/19	3,505.22	-	28.46	0.00	3,476.76
MW-1	03/25/19	3,505.22	-	28.60	0.00	3,476.62
MW-1	04/01/19	3,505.22	-	28.34	0.00	3,476.88
MW-1	04/03/19	3,505.22	-	28.34	0.00	3,476.88
MW-1	04/19/19	3,505.22	-	28.44	0.00	3,476.78
MW-1	04/29/19	3,505.22	-	28.36	0.00	3,476.86
MW-1	05/16/19	3,505.22	-	28.52	0.00	3,476.70
MW-1	06/05/19	3,505.22	-	28.64	0.00	3,476.58
MW-1	06/27/19	3,505.22	-	28.83	0.00	3,476.39
MW-1	07/09/19	3,505.22	-	28.94	0.00	3,476.28
MW-1	08/20/19	3,505.22	-	28.89	0.00	3,476.33
MW-1	09/05/19	3,505.22	-	28.92	0.00	3,476.30
MW-1	09/18/19	3,505.22	-	29.06	0.00	3,476.16
MW-1	10/03/19	3,505.22	-	28.92	0.00	3,476.30
MW-1	10/28/19	3,505.22	-	28.66	0.00	3,476.56
MW-1	11/11/19	3,505.22	-	28.37	0.00	3,476.85
MW-1	11/20/19	3,505.22	-	28.16	0.00	3,477.06
MW-1	12/09/19	3,505.22	-	28.25	0.00	3,476.97
MW-2	01/08/19	3,503.88	-	29.20	0.00	3,474.68
MW-2	01/25/19	3,503.88	-	29.13	0.00	3,474.75
MW-2	02/14/19	3,503.88	-	29.21	0.00	3,474.67
MW-2	02/27/19	3,503.88	-	29.28	0.00	3,474.60
MW-2	03/13/19	3,503.88	-	29.07	0.00	3,474.81
MW-2	03/25/19	3,503.88	-	29.30	0.00	3,474.58
MW-2	04/03/19	3,503.88	-	28.95	0.00	3,474.93
MW-2	04/19/19	3,503.88	-	29.07	0.00	3,474.81
MW-2	04/29/19	3,503.88	-	29.02	0.00	3,474.86
MW-2	05/16/19	3,503.88	-	29.09	0.00	3,474.79
MW-2	06/05/19	3,503.88	-	29.18	0.00	3,474.70
MW-2	06/27/19	3,503.88	-	29.37	0.00	3,474.51
MW-2	07/09/19	3,503.88	-	29.36	0.00	3,474.52
MW-2	08/20/19	3,503.88	-	29.44	0.00	3,474.44
MW-2	09/05/19	3,503.88	-	29.50	0.00	3,474.38

TABLE 1
2019 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-2	09/18/19	3,503.88	-	29.75	0.00	3,474.13
MW-2	10/03/19	3,503.88	-	29.80	0.00	3,474.08
MW-2	10/28/19	3,503.88	-	29.30	0.00	3,474.58
MW-2	11/11/19	3,503.88	-	29.29	0.00	3,474.59
MW-2	11/20/19	3,503.88	-	28.98	0.00	3,474.90
MW-2	12/09/19	3,503.88	-	28.95	0.00	3,474.93
MW-3	01/08/19	3,505.18	-	28.81	0.00	3,476.37
MW-3	01/25/19	3,505.18	-	28.77	0.00	3,476.41
MW-3	02/14/19	3,505.18	-	28.64	0.00	3,476.54
MW-3	02/27/19	3,505.18	-	28.72	0.00	3,476.46
MW-3	03/13/19	3,505.18	-	28.78	0.00	3,476.40
MW-3	03/25/19	3,505.18	-	28.73	0.00	3,476.45
MW-3	04/03/19	3,505.18	-	28.82	0.00	3,476.36
MW-3	04/19/19	3,505.18	-	28.78	0.00	3,476.40
MW-3	04/29/19	3,505.18	-	28.63	0.00	3,476.55
MW-3	05/16/19	3,505.18	-	28.66	0.00	3,476.52
MW-3	06/05/19	3,505.18	-	28.81	0.00	3,476.37
MW-3	06/27/19	3,505.18	-	28.97	0.00	3,476.21
MW-3	07/09/19	3,505.18	-	29.08	0.00	3,476.10
MW-3	09/05/19	3,505.18	-	29.44	0.00	3,475.74
MW-3	09/18/19	3,505.18	-	29.31	0.00	3,475.87
MW-3	10/03/19	3,505.18	-	29.31	0.00	3,475.87
MW-3	10/28/19	3,505.18	-	29.01	0.00	3,476.17
MW-3	11/11/19	3,505.18	-	29.13	0.00	3,476.05
MW-3	11/20/19	3,505.18	-	28.84	0.00	3,476.34
MW-3	12/09/19	3,505.18	-	28.68	0.00	3,476.50
MW-4	01/25/19	3,501.52	-	29.37	0.00	3,472.15
MW-4	02/26/19	3,501.52	-	29.40	0.00	3,472.12
MW-4	03/25/19	3,501.52	-	29.14	0.00	3,472.38
MW-4	04/29/19	3,501.52	-	29.13	0.00	3,472.39
MW-4	06/04/19	3,501.52	-	29.45	0.00	3,472.07
MW-4	06/27/19	3,501.52	-	29.73	0.00	3,471.79
MW-4	09/03/19	3,501.52	-	30.23	0.00	3,471.29
MW-4	10/03/19	3,501.52	-	29.46	0.00	3,472.06
MW-4	11/19/19	3,501.52	-	28.29	0.00	3,473.23

TABLE 1
2019 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-5	01/25/19	3,510.07	-	28.02	0.00	3,482.05
MW-5	02/26/19	3,510.07	-	28.07	0.00	3,482.00
MW-5	03/25/19	3,510.07	-	28.13	0.00	3,481.94
MW-5	04/29/19	3,510.07	-	27.98	0.00	3,482.09
MW-5	06/04/19	3,510.07	-	28.14	0.00	3,481.93
MW-5	06/27/19	3,510.07	-	28.39	0.00	3,481.68
MW-5	09/03/19	3,510.07	-	28.73	0.00	3,481.34
MW-5	10/03/19	3,510.07	-	28.53	0.00	3,481.54
MW-5	11/19/19	3,510.07	-	27.87	0.00	3,482.20
MW-6	01/25/19	3,507.14	-	26.82	0.00	3,480.32
MW-6	02/27/19	3,507.14	-	26.91	0.00	3,480.23
MW-6	03/25/19	3,507.14	-	26.97	0.00	3,480.17
MW-6	04/29/19	3,507.14	-	26.81	0.00	3,480.33
MW-6	06/05/19	3,507.14	-	26.97	0.00	3,480.17
MW-6	06/27/19	3,507.14	-	27.16	0.00	3,479.98
MW-6	09/04/19	3,507.14	-	27.39	0.00	3,479.75
MW-6	10/03/19	3,507.14	-	27.04	0.00	3,480.10
MW-6	11/20/19	3,507.14	-	26.07	0.00	3,481.07
MW-7	01/25/19	3,507.86	-	27.58	0.00	3,480.28
MW-7	02/27/19	3,507.86	-	27.65	0.00	3,480.21
MW-7	03/25/19	3,507.86	-	27.68	0.00	3,480.18
MW-7	04/29/19	3,507.86	-	27.57	0.00	3,480.29
MW-7	06/05/19	3,507.86	-	27.73	0.00	3,480.13
MW-7	06/27/19	3,507.86	-	27.94	0.00	3,479.92
MW-7	09/04/19	3,507.86	-	28.23	0.00	3,479.63
MW-7	10/03/19	3,507.86	-	28.00	0.00	3,479.86
MW-7	11/20/19	3,507.86	-	27.27	0.00	3,480.59
MW-8	01/25/19	3,509.52	-	28.45	0.00	3,481.07
MW-8	02/01/19	3,509.52	-	28.45	0.00	3,481.07
MW-8	02/26/19	3,509.52	-	28.53	0.00	3,480.99
MW-8	03/25/19	3,509.52	-	28.57	0.00	3,480.95
MW-8	04/29/19	3,509.52	-	28.44	0.00	3,481.08
MW-8	06/04/19	3,509.52	-	28.59	0.00	3,480.93
MW-8	06/27/19	3,509.52	-	28.83	0.00	3,480.69
MW-8	09/04/19	3,509.52	-	29.13	0.00	3,480.39

TABLE 1
2019 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-8	10/03/19	3,509.52	-	28.92	0.00	3,480.60
MW-8	11/19/19	3,509.52	-	28.17	0.00	3,481.35
MW-9	01/25/19	3,497.67	-	27.15	0.00	3,470.52
MW-9	02/26/19	3,497.67	-	27.17	0.00	3,470.50
MW-9	03/25/19	3,497.67	-	27.12	0.00	3,470.55
MW-9	04/29/19	3,497.67	-	27.05	0.00	3,470.62
MW-9	06/04/19	3,497.67	-	27.30	0.00	3,470.37
MW-9	06/27/19	3,497.67	-	27.63	0.00	3,470.04
MW-9	09/04/19	3,497.67	-	28.02	0.00	3,469.65
MW-9	10/03/19	3,497.67	-	27.82	0.00	3,469.85
MW-9	11/19/19	3,497.67	-	26.96	0.00	3,470.71
MW-10	01/25/19	3,503.95	-	33.69	0.00	3,470.26
MW-10	02/26/19	3,503.95	-	33.69	0.00	3,470.26
MW-10	03/25/19	3,503.95	-	33.66	0.00	3,470.29
MW-10	04/29/19	3,503.95	-	33.56	0.00	3,470.39
MW-10	06/04/19	3,503.95	-	33.76	0.00	3,470.19
MW-10	06/27/19	3,503.95	-	34.02	0.00	3,469.93
MW-10	09/04/19	3,503.95	-	34.48	0.00	3,469.47
MW-10	10/03/19	3,503.95	-	34.33	0.00	3,469.62
MW-10	11/19/19	3,503.95	-	33.55	0.00	3,470.40
MW-11	01/08/19	3,507.13	-	29.20	0.00	3,477.93
MW-11	01/25/19	3,507.13	-	29.14	0.00	3,477.99
MW-11	02/14/19	3,507.13	-	29.10	0.00	3,478.03
MW-11	02/27/19	3,507.13	-	29.16	0.00	3,477.97
MW-11	03/13/19	3,507.13	-	29.12	0.00	3,478.01
MW-11	03/25/19	3,507.13	-	29.15	0.00	3,477.98
MW-11	04/03/19	3,507.13	-	29.14	0.00	3,477.99
MW-11	04/19/19	3,507.13	-	29.17	0.00	3,477.96
MW-11	04/29/19	3,507.13	-	29.13	0.00	3,478.00
MW-11	05/16/19	3,507.13	-	29.15	0.00	3,477.98
MW-11	06/05/19	3,507.13	-	29.29	0.00	3,477.84
MW-11	06/27/19	3,507.13	-	29.46	0.00	3,477.67
MW-11	09/05/19	3,507.13	-	29.84	0.00	3,477.29
MW-11	09/18/19	3,507.13	-	29.86	0.00	3,477.27
MW-11	10/03/19	3,507.13	-	29.80	0.00	3,477.33

TABLE 1
2019 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-11	11/20/19	3,507.13	-	29.28	0.00	3,477.85
MW-12	01/25/19	3,505.38	-	28.59	0.00	3,476.79
MW-12	02/27/19	3,505.38	-	28.64	0.00	3,476.74
MW-12	03/25/19	3,505.38	-	28.69	0.00	3,476.69
MW-12	04/29/19	3,505.38	-	28.62	0.00	3,476.76
MW-12	06/05/19	3,505.38	-	28.68	0.00	3,476.70
MW-12	06/27/19	3,505.38	-	28.83	0.00	3,476.55
MW-12	09/05/19	3,505.38	-	29.13	0.00	3,476.25
MW-12	10/03/19	3,505.38	-	29.18	0.00	3,476.20
MW-12	11/20/19	3,505.38	-	28.69	0.00	3,476.69
MW-13	01/25/19	3,505.38	-	26.55	0.00	3,478.83
MW-13	02/26/19	3,505.38	-	26.51	0.00	3,478.87
MW-13	03/25/19	3,505.38	-	26.55	0.00	3,478.83
MW-13	04/29/19	3,505.38	-	26.48	0.00	3,478.90
MW-13	06/04/19	3,505.38	-	26.68	0.00	3,478.70
MW-13	06/27/19	3,505.38	-	26.91	0.00	3,478.47
MW-13	09/04/19	3,505.38	-	27.30	0.00	3,478.08
MW-13	10/03/19	3,505.38	-	27.12	0.00	3,478.26
MW-13	11/19/19	3,505.38	-	26.68	0.00	3,478.70
RW-1	01/25/19	3,507.26	-	26.18	0.00	3,481.08
RW-1	02/26/19	3,507.26	-	26.24	0.00	3,481.02
RW-1	03/25/19	3,507.26	-	26.31	0.00	3,480.95
RW-1	04/29/19	3,507.26	-	26.16	0.00	3,481.10
RW-1	06/04/19	3,507.26	-	26.32	0.00	3,480.94
RW-1	06/27/19	3,507.26	-	26.55	0.00	3,480.71
RW-1	09/04/19	3,507.26	-	26.84	0.00	3,480.42
RW-1	10/03/19	3,507.26	-	26.64	0.00	3,480.62
RW-1	11/20/19	3,507.26	-	25.89	0.00	3,481.37
RW-2	01/25/19	3,507.54	-	25.94	0.00	3,481.60
RW-2	02/26/19	3,507.54	-	26.01	0.00	3,481.53
RW-2	03/25/19	3,507.54	-	26.03	0.00	3,481.51
RW-2	04/29/19	3,507.54	-	25.98	0.00	3,481.56
RW-2	06/04/19	3,507.54	-	26.15	0.00	3,481.39
RW-2	06/27/19	3,507.54	-	26.36	0.00	3,481.18

TABLE 1
2019 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
RW-2	09/04/19	3,507.54	-	26.69	0.00	3,480.85
RW-2	10/03/19	3,507.54	-	26.37	0.00	3,481.17
RW-2	11/20/19	3,507.54	-	25.70	0.00	3,481.84

TABLE 2

2019 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-1	02/27/19	0.249	<0.00500	0.0278	<0.0100
MW-1	06/05/19	0.252	<0.00500	0.0572	0.0143
MW-1	09/05/19	0.128	<0.00100	0.00930	0.0393
MW-1	11/20/19	0.153	<0.00100	0.00983	0.0516
MW-2	02/27/19	1.36	0.00625	0.399	0.310
MW-2	06/05/19	1.68	<0.0100	0.286	0.1475
MW-2	09/05/19	0.368	<0.00100	0.151	0.0762
MW-2	11/20/19	0.777	<0.00100	0.207	0.1472
MW-3	02/27/19	0.435	<0.00500	0.271	0.0648
MW-3	06/05/19	0.682	<0.0200	0.324	0.0852
MW-3	09/05/19	0.190	<0.00100	0.134	0.0338
MW-3	11/20/19	0.211	<0.00500	0.0768	0.0301
MW-4	02/26/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-4	06/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-4	09/03/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-4	11/19/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-5	02/26/19	<0.00100	<0.00100	<0.00100	0.00387
MW-5	06/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-5	09/03/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-5	11/19/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-6	02/27/19	0.00299	<0.00100	0.00292	<0.00200
MW-6	06/05/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-6	09/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-6	11/20/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-7	02/27/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-7	06/05/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-7	09/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-7	11/20/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-8	02/26/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-8	06/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-8	09/04/19	<0.00100	<0.00100	<0.00100	<0.00200

TABLE 2

2019 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
 LEA STATION
 LEA COUNTY, NEW MEXICO
 PLAINS SRS NO. 2003-00339
 NMOCD REFERENCE NO: GW-351

MW-8	11/19/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-9	02/26/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-9	06/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-9	09/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-9	11/19/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-10	02/26/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-10	06/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-10	09/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-10	11/19/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-11	02/27/19	0.287	<0.00100	0.0876	0.05273
MW-11	06/05/19	0.330	<0.00500	<0.00500	<0.0100
MW-11	09/05/19	0.311	<0.00100	0.0510	0.00894
MW-11	11/20/19	1.41	0.00400	0.104	0.0288
MW-12	02/27/19	0.0108	<0.00100	<0.00100	0.0355
MW-12	06/05/19	0.00361	<0.00100	0.0126	<0.00200
MW-12	09/04/19	0.0164	<0.00100	0.119	0.0646
MW-12	11/20/19	0.00559	<0.00100	0.0471	<0.00200
MW-13	02/26/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-13	06/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-13	09/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-13	11/19/19	<0.00200	<0.00200	<0.00200	<0.00400
RW-1	02/26/19	<0.00100	<0.00100	<0.00100	<0.00200
RW-1	06/04/19	<0.00100	<0.00100	<0.00100	<0.00200
RW-1	09/04/19	<0.00100	<0.00100	<0.00100	<0.00200
RW-1	11/20/19	<0.00100	<0.00100	<0.00100	<0.00200
RW-2	02/26/19	<0.00100	<0.00100	<0.00100	<0.00200
RW-2	06/04/19	<0.00100	<0.00100	<0.00100	<0.00200
RW-2	09/04/19	<0.00100	<0.00100	<0.00100	<0.00200
RW-2	11/20/19	<0.00100	<0.00100	0.00574	0.00537

TABLE 3
2019 POLYNUCLEAR AROMATIC HYDROCARBONS IN GROUNDWATER
PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351

	Date Sampled	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benzo(a)anthracene (mg/L)	Benzo(a)pyrene (mg/L)	Benzo(b)fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(k)fluoranthene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	1-Methylnaphthene (mg/L)	2-Methylnaphthene (mg/L)	Naphthalene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)	Dibenzofuran (mg/L)
Maximum Contaminant Levels from NMWQCC 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		0.03 mg/L		0.001 mg/L	0.001 mg/L	-
MW-1	11/20/19	NOT SAMPLED																		
MW-2	11/20/19	0.00063	0.00081	0.00073	0.00031	<0.000098	<0.000098	<0.000098	<0.000098	0.0013	<0.000098	0.00036	0.0046	<0.000098		0.0507		0.013	0.00036	0.0046
MW-3	11/20/19	0.00045	0.00060	0.00097	0.00055	<0.000096	<0.000096	<0.000096	<0.000096	0.0026	<0.000096	0.00063	0.0018	<0.000096		0.0091		0.0087	0.00058	0.0032
MW-4	11/19/19	NOT SAMPLED																		
MW-5	11/19/19	NOT SAMPLED																		
MW-6	11/20/19	NOT SAMPLED																		
MW-7	11/20/19	NOT SAMPLED																		
MW-8	11/19/19	NOT SAMPLED																		
MW-9	11/19/19	NOT SAMPLED																		
MW-10	11/19/19	NOT SAMPLED																		
MW-11	11/20/19	NOT SAMPLED																		
MW - 12	11/20/19	NOT SAMPLED																		
MW - 13	11/19/19	NOT SAMPLED																		
RW-1	11/20/19	NOT SAMPLED																		
RW-2	11/20/19	NOT SAMPLED																		

Historical Tables

TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-1	10/17/95	100.73	32.52	33.16	0.64	68.11
MW-1	07/02/96	100.73	-	30.39	0.00	70.34
MW-1	12/06/96	100.73	-	30.22	0.00	70.51
MW-1	06/20/96	100.73	-	31.35	0.00	69.38
MW-1	06/27/96	100.73	-	31.51	0.00	69.22
MW-1	07/05/96	100.73	-	30.67	0.00	70.06
MW-1	07/18/96	100.73	-	30.69	0.00	70.04
MW-1	01/08/96	100.73	-	30.86	0.00	69.87
MW-1	02/10/96	100.73	-	28.06	0.00	72.67
MW-1	09/10/97	100.73	-	31.73	0.00	69.00
MW-1	08/11/97	100.73	-	31.73	0.00	69.00
MW-1	01/22/98	100.73	31.65	31.84	0.19	69.05
MW-1	02/18/98	100.73	31.52	31.60	0.08	69.20
MW-1	02/04/98	100.73	31.51	31.74	0.23	69.19
MW-1	05/05/98	100.73	31.31	31.37	0.06	69.41
MW-1	07/07/98	100.73	32.30	32.64	0.34	68.38
MW-1	10/02/98	100.73	31.81	32.25	0.44	68.85
MW-1	01/14/99	100.73	32.02	32.20	0.18	68.68
MW-1	04/15/99	100.73	31.57	31.98	0.41	69.10
MW-1	07/13/99	100.73	31.10	31.55	0.45	69.56
MW-1	08/11/99	100.73	31.48	32.00	0.52	69.17
MW-1	09/22/99	100.73	31.68	31.90	0.22	69.02
MW-1	10/28/99	100.73	31.16	31.26	0.10	69.56
MW-1	11/23/99	100.73	31.16	31.26	0.10	69.56
MW-1	12/17/99	100.73	-	31.29	0.00	69.44
MW-1	01/13/00	100.73	-	31.30	0.00	69.43
MW-1	02/15/00	100.73	-	31.33	0.00	69.40
MW-1	03/31/00	100.73	-	31.41	0.00	69.32
MW-1	04/27/00	100.73	-	31.32	0.00	69.41
MW-1	05/31/00	100.73	-	31.73	0.00	69.00
MW-1	06/30/00	100.73	-	31.47	0.00	69.26
MW-1	07/13/00	100.73	-	30.53	0.00	70.20
MW-1	08/30/00	100.73	-	31.40	0.00	69.33
MW-1	09/21/00	100.73	-	31.82	0.00	68.91
MW-1	10/03/00	100.73	-	31.95	0.00	68.78
MW-1	11/29/00	100.73	32.00	32.07	0.07	68.72
MW-1	12/13/00	100.73	-	31.90	0.00	68.83
MW-1	03/03/01	100.73	-	31.85	0.00	68.88

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-1	02/06/01	100.73	-	31.83	0.00	68.90
MW-1	03/15/01	100.73	-	31.75	0.00	68.98
MW-1	04/05/01	100.73	-	31.68	0.00	69.05
MW-1	05/03/01	100.73	-	31.76	0.00	68.97
MW-1	06/02/01	100.73	-	32.00	0.00	68.73
MW-1	07/10/01	100.73	32.19	32.32	0.13	68.52
MW-1	10/02/01	100.73	31.62	31.63	0.01	69.11
MW-1	01/28/02	100.73	-	31.57	0.00	69.16
MW-1	02/25/02	100.73	-	31.48	0.00	69.25
MW-1	03/25/02	100.73	-	31.42	0.00	69.31
MW-1	04/10/02	100.73	-	31.05	0.00	69.68
MW-1	05/16/02	100.73	-	31.04	0.00	69.69
MW-1	06/17/02	100.73	-	31.12	0.00	69.61
MW-1	07/02/02	100.73	-	30.88	0.00	69.85
MW-1	09/10/02	100.73	-	30.50	0.00	70.23
MW-1	10/08/02	100.73	-	30.65	0.00	70.08
MW-1	11/08/02	100.73	-	29.91	0.00	70.82
MW-1	01/28/03	100.73	-	30.49	0.00	70.24
MW-1	04/02/03	100.73	-	30.60	0.00	70.13
MW-1	06/26/03	100.73	-	30.90	0.00	69.83
MW-1	07/08/03	100.73	-	31.11	0.00	69.62
MW-1	12/18/03	100.73	-	32.10	0.00	68.63
MW-1	05/06/04	100.73	-	29.30	0.00	71.43
MW-1	05/21/04	100.73	-	29.20	0.00	71.53
MW-1	06/03/04	100.73	-	29.42	0.00	71.31
MW-1	06/18/04	100.73	-	29.50	0.00	71.23
MW-1	07/12/04	100.73	-	29.36	0.00	71.37
MW-1	07/23/04	100.73	-	29.48	0.00	71.25
MW-1	09/03/04	100.73	-	29.57	0.00	71.16
MW-1	09/24/04	100.73	-	29.75	0.00	70.98
MW-1	09/30/04	100.73	-	28.51	0.00	72.22
MW-1	10/15/04	100.73	-	29.15	0.00	71.58
MW-1	11/09/04	100.73	-	27.65	0.00	73.08
MW-1	11/19/04	100.73	-	27.63	0.00	73.10
MW-1	12/07/04	100.73	-	27.44	0.00	73.29
MW-1	12/17/04	100.73	-	27.51	0.00	73.22
MW-1	01/07/05	100.73	-	27.52	0.00	73.21
MW-1	02/21/05	100.73	-	27.55	0.00	73.18

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-1	03/29/05	100.73	-	27.56	0.00	73.17
MW-1	04/22/05	100.73	-	27.73	0.00	73.00
MW-1	05/06/05	100.73	-	27.56	0.00	73.17
MW-1	05/23/05	100.73	-	27.61	0.00	73.12
MW-1	08/16/05	100.73	-	27.89	0.00	72.84
MW-1	10/05/05	100.73	-	27.54	0.00	73.19
MW-1	11/18/05	100.73	-	27.35	0.00	73.38
MW-1	01/11/06	100.73	-	27.35	0.00	73.38
MW-1	02/17/06	100.73	-	27.66	0.00	73.07
MW-1	03/15/06	100.73	-	27.61	0.00	73.12
MW-1	04/11/06	100.73	-	28.18	0.00	72.55
MW-1	05/23/06	100.73	-	27.72	0.00	73.01
MW-1	08/09/06	100.73	-	27.84	0.00	72.89
MW-1	09/27/06	100.73	-	26.95	0.00	73.78
MW-1	10/18/06	100.73	-	27.08	0.00	73.65
MW-1	11/22/06	100.73	-	27.16	0.00	73.57
MW-1	12/14/06	100.73	-	27.25	0.00	73.48
MW-1	01/11/07	100.73	-	27.32	0.00	73.41
MW-1	03/31/07	100.73	-	27.23	0.00	73.50
MW-1	08/01/07	100.73	-	27.15	0.00	73.58
MW-1	12/13/07	100.73	-	27.08	0.00	73.65
MW-1	01/10/08	100.73	-	27.11	0.00	73.62
MW-1	02/18/08	100.73	-	26.40	0.00	74.33
MW-1	03/31/08	100.73	-	27.44	0.00	73.29
MW-1	04/28/08	100.73	-	27.55	0.00	73.18
MW-1	05/29/08	100.73	-	27.56	0.00	73.17
MW-1	06/30/08	100.73	-	27.81	0.00	72.92
MW-1	07/29/08	100.73	-	27.98	0.00	72.75
MW-1	08/29/08	100.73	-	28.17	0.00	72.56
MW-1	09/30/08	100.73	-	27.72	0.00	73.01
MW-1	10/31/08	100.73	-	27.75	0.00	72.98
MW-1	11/26/08	100.73	-	27.81	0.00	72.92
MW-1	12/30/08	100.73	-	27.90	0.00	72.83
MW-1	01/30/09	100.73	-	28.07	0.00	72.66
MW-1	02/26/09	100.73	-	28.00	0.00	72.73
MW-1	03/31/09	100.73	-	28.18	0.00	72.55
MW-1	04/30/09	100.73	-	28.19	0.00	72.54
MW-1	05/29/09	100.73	-	28.34	0.00	72.39

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-1	06/26/09	100.73	-	28.41	0.00	72.32
MW-1	07/31/09	100.73	-	28.49	0.00	72.24
MW-1	08/28/09	100.73	-	28.66	0.00	72.07
MW-1	09/25/09	100.73	-	28.84	0.00	71.89
MW-1	10/30/09	100.73	-	29.11	0.00	71.62
MW-1	11/27/09	100.73	-	29.16	0.00	71.57
MW-1	12/21/09	100.73	-	29.28	0.00	71.45
MW-1	01/29/10	100.73	-	28.98	0.00	71.75
MW-1	02/26/10	100.73	-	29.38	0.00	71.35
MW-1	03/26/10	100.73	-	29.20	0.00	71.53
MW-1	04/30/10	100.73	-	29.21	0.00	71.52
MW-1	05/27/10	100.73	-	29.31	0.00	71.42
MW-1	06/30/10	100.73	-	28.91	0.00	71.82
MW-1	07/30/10	100.73	-	27.05	0.00	73.68
MW-1	08/26/10	100.73	-	27.81	0.00	72.92
MW-1	09/28/10	100.73	-	28.15	0.00	72.58
MW-1	10/29/10	100.73	-	28.41	0.00	72.32
MW-1	11/29/10	100.73	-	28.59	0.00	72.14
MW-1	12/29/10	100.73	-	28.64	0.00	72.09
MW-1	01/28/11	100.73	-	28.98	0.00	71.75
MW-1	02/25/11	100.73	-	29.17	0.00	71.56
MW-1	03/25/11	100.73	-	30.77	0.00	69.96
MW-1	04/29/11	100.73	-	29.62	0.00	71.11
MW-1	05/31/11	100.73	-	29.80	0.00	70.93
MW-1	06/29/11	100.73	-	30.00	0.00	70.73
MW-1	07/29/11	100.73	30.25	30.26	0.01	70.48
MW-1	08/31/11	100.73	-	30.80	0.00	69.93
MW-1	09/30/11	100.73	-	30.72	0.00	70.01
MW-1	10/28/11	100.73	-	30.83	0.00	69.90
MW-1	11/30/11	100.73	-	29.87	0.00	70.86
MW-1	12/30/11	100.73	-	30.02	0.00	70.71
MW-1	01/31/12	100.73	-	29.98	0.00	70.75
MW-1	02/28/12	100.73	-	29.91	0.00	70.82
MW-1	03/30/12	100.73	-	29.94	0.00	70.79
MW-1	04/27/12	100.73	-	29.97	0.00	70.76
MW-1	05/30/12	100.73	-	30.04	0.00	70.69
MW-1	06/27/12	100.73	-	29.91	0.00	70.82
MW-1	07/26/12	100.73	-	30.15	0.00	70.58

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-1	08/31/12	100.73	-	30.32	0.00	70.41
MW-1	09/27/12	100.73	-	30.44	0.00	70.29
MW-1	10/26/12	100.73	-	30.34	0.00	70.39
MW-1	11/30/12	100.73	-	30.32	0.00	70.41
MW-1	12/27/12	100.73	-	30.28	0.00	70.45
MW-1	01/31/13	100.73	-	30.36	0.00	70.37
MW-1	02/28/13	100.73	-	30.39	0.00	70.34
MW-1	03/28/13	100.73	-	30.34	0.00	70.39
MW-1	04/26/13	100.73	-	30.35	0.00	70.38
MW-1	05/24/13	100.73	-	30.43	0.00	70.30
MW-1	06/27/13	100.73	-	30.57	0.00	70.16
MW-1	07/26/13	100.73	-	30.68	0.00	70.05
MW-1	08/29/13	100.73	30.75	30.77	0.02	69.98
MW-1	09/26/13	100.73	30.85	30.86	0.01	69.88
MW-1	10/31/13	100.73	30.85	30.86	0.01	69.88
MW-1	11/26/13	100.73	30.86	30.87	0.01	69.87
MW-1	12/27/13	100.73	30.83	30.85	0.02	69.90
MW-1	01/31/14	3,505.22	30.75	30.76	0.01	3,474.47
MW-1	02/28/14	3,505.22	30.76	30.77	0.01	3,474.46
MW-1	03/28/14	3,505.22	30.77	30.80	0.03	3,474.45
MW-1	06/30/14	3,505.22	31.06	31.09	0.03	3,474.16
MW-1	09/29/14	3,505.22	-	28.15	0.00	3,477.07
MW-1	11/10/14	3,505.22	-	28.53	0.00	3,476.69
MW-1	03/19/15	3,505.22	-	28.59	0.00	3,476.63
MW-1	04/28/16	3,505.22	-	28.95	0.00	3,476.27
MW-1	05/06/16	3,505.22	-	28.92	0.00	3,476.30
MW-1	05/16/16	3,505.22	-	28.93	0.00	3,476.29
MW-1	05/25/16	3,505.22	-	28.91	0.00	3,476.31
MW-1	06/02/15	3,505.22	-	28.82	0.00	3,476.40
MW-1	06/16/16	3,505.22	-	28.90	0.00	3,476.32
MW-1	07/01/16	3,505.22	-	28.87	0.00	3,476.35
MW-1	07/15/16	3,505.22	-	28.85	0.00	3,476.37
MW-1	07/29/16	3,505.22	-	28.84	0.00	3,476.38
MW-1	08/11/16	3,505.22	-	28.89	0.00	3,476.33
MW-1	09/06/16	3,505.22	-	28.80	0.00	3,476.42
MW-1	08/19/15	3,505.22	-	28.67	0.00	3,476.55
MW-1	02/11/16	3,505.22	-	29.00	0.00	3,476.22
MW-1	05/06/16	3,505.22	-	28.92	0.00	3,476.30

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-1	08/15/16	3,505.22	-	28.89	0.00	3,476.33
MW-1	12/01/16	3,505.22	-	27.27	0.00	3,477.95
MW-1	12/30/16	3,505.22	-	27.29	0.00	3,477.93
MW-1	01/13/17	3,505.22	-	27.49	0.00	3,477.73
MW-1	02/17/17	3,505.22	-	27.38	0.00	3,477.84
MW-1	03/08/17	3,505.22	-	27.50	0.00	3,477.72
MW-1	04/11/17	3,505.22	-	27.47	0.00	3,477.75
MW-1	04/27/17	3,505.22	-	27.44	0.00	3,477.78
MW-1	05/11/17	3,505.22	-	27.57	0.00	3,477.65
MW-1	05/23/17	3,505.22	-	27.65	0.00	3,477.57
MW-1	06/07/17	3,505.22	-	27.63	0.00	3,477.59
MW-1	07/10/17	3,505.22	-	27.86	0.00	3,477.36
MW-1	07/21/17	3,505.22	-	27.91	0.00	3,477.31
MW-1	08/28/17	3,505.22	-	27.87	0.00	3,477.35
MW-1	09/15/17	3,505.22	-	27.90	0.00	3,477.32
MW-1	09/29/17	3,505.22	-	27.84	0.00	3,477.38
MW-1	10/11/17	3,505.22	-	27.62	0.00	3,477.60
MW-1	10/27/17	3,505.22	-	27.71	0.00	3,477.51
MW-1	11/10/17	3,505.22	-	27.65	0.00	3,477.57
MW-1	12/05/17	3,505.22	-	27.79	0.00	3,477.43
MW-1	12/21/17	3,505.22	-	27.74	0.00	3,477.48
MW-1	12/29/17	3,505.22	-	27.75	0.00	3,477.47
MW-1	01/12/18	3,505.22	-	27.72	0.00	3,477.50
MW-1	01/26/18	3,505.22	-	27.86	0.00	3,477.36
MW-1	02/13/18	3,505.22	-	27.92	0.00	3,477.30
MW-1	02/21/18	3,505.22	-	28.11	0.00	3,477.11
MW-1	03/27/18	3,505.22	-	28.18	0.00	3,477.04
MW-1	04/12/18	3,505.22	-	28.19	0.00	3,477.03
MW-1	04/23/18	3,505.22	-	27.99	0.00	3,477.23
MW-1	05/03/18	3,505.22	-	28.35	0.00	3,476.87
MW-1	05/15/18	3,505.22	-	28.08	0.00	3,477.14
MW-1	05/18/18	3,505.22	-	28.08	0.00	3,477.14
MW-1	05/31/18	3,505.22	-	28.26	0.00	3,476.96
MW-1	06/15/18	3,505.22	-	28.43	0.00	3,476.79
MW-1	06/27/18	3,505.22	-	28.39	0.00	3,476.83
MW-1	07/11/18	3,505.22	-	28.67	0.00	3,476.55
MW-1	07/30/18	3,505.22	-	28.74	0.00	3,476.48
MW-1	08/10/18	3,505.22	-	28.67	0.00	3,476.55

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-1	08/29/18	3,505.22	-	28.81	0.00	3,476.41
MW-1	09/10/18	3,505.22	-	28.60	0.00	3,476.62
MW-1	10/08/18	3,505.22	-	28.62	0.00	3,476.60
MW-1	11/01/18	3,505.22	-	28.29	0.00	3,476.93
MW-1	11/08/18	3,505.22	-	28.43	0.00	3,476.79
MW-1	11/30/18	3,505.22	-	28.41	0.00	3,476.81
MW-1	12/10/18	3,505.22	-	28.59	0.00	3,476.63
MW-1	12/26/18	3,505.22	-	28.50	0.00	3,476.72
MW-1	01/08/19	3,505.22	-	28.70	0.00	3,476.52
MW-1	01/25/19	3,505.22	-	28.51	0.00	3,476.71
MW-1	02/14/19	3,505.22	-	28.51	0.00	3,476.71
MW-1	02/27/19	3,505.22	-	28.34	0.00	3,476.88
MW-1	03/13/19	3,505.22	-	28.46	0.00	3,476.76
MW-1	03/25/19	3,505.22	-	28.60	0.00	3,476.62
MW-1	04/01/19	3,505.22	-	28.34	0.00	3,476.88
MW-1	04/03/19	3,505.22	-	28.34	0.00	3,476.88
MW-1	04/19/19	3,505.22	-	28.44	0.00	3,476.78
MW-1	04/29/19	3,505.22	-	28.36	0.00	3,476.86
MW-1	05/16/19	3,505.22	-	28.52	0.00	3,476.70
MW-1	06/05/19	3,505.22	-	28.64	0.00	3,476.58
MW-1	06/27/19	3,505.22	-	28.83	0.00	3,476.39
MW-1	07/09/19	3,505.22	-	28.94	0.00	3,476.28
MW-1	08/20/19	3,505.22	-	28.89	0.00	3,476.33
MW-1	09/05/19	3,505.22	-	28.92	0.00	3,476.30
MW-1	09/18/19	3,505.22	-	29.06	0.00	3,476.16
MW-1	10/03/19	3,505.22	-	28.92	0.00	3,476.30
MW-1	10/28/19	3,505.22	-	28.66	0.00	3,476.56
MW-1	11/11/19	3,505.22	-	28.37	0.00	3,476.85
MW-1	11/20/19	3,505.22	-	28.16	0.00	3,477.06
MW-1	12/09/19	3,505.22	-	28.25	0.00	3,476.97
MW-2	10/17/95	102.37	31.89	32.04	0.15	70.46
MW-2	02/07/96	102.37	31.14	31.38	0.24	71.19
MW-2	03/04/96	102.37	30.96	31.29	0.33	71.36
MW-2	06/12/96	102.37	-	31.32	0.00	71.05
MW-2	06/20/96	102.37	-	32.25	0.00	70.12
MW-2	06/27/96	102.37	-	31.33	0.00	71.04
MW-2	07/05/96	102.37	-	30.67	0.00	71.70

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-2	07/18/96	102.37	-	31.58	0.00	70.79
MW-2	08/01/96	102.37	-	31.83	0.00	70.54
MW-2	10/02/96	102.37	32.13	32.71	0.58	70.15
MW-2	10/09/97	102.37	-	31.38	0.00	70.99
MW-2	11/08/97	102.37	-	31.56	0.00	70.81
MW-2	01/22/98	102.37	33.34	34.37	1.03	68.88
MW-2	02/18/98	102.37	33.15	34.14	0.99	69.07
MW-2	04/02/98	102.37	33.51	34.72	1.21	68.68
MW-2	05/05/98	102.37	33.26	34.28	1.02	68.96
MW-2	07/07/98	102.37	34.62	36.44	1.82	67.48
MW-2	10/02/98	102.37	31.81	33.13	1.32	70.36
MW-2	01/14/99	102.37	32.83	34.23	1.40	69.33
MW-2	04/15/99	102.37	32.36	34.20	1.84	69.73
MW-2	07/13/99	102.37	31.88	34.30	2.42	70.13
MW-2	08/11/99	102.37	32.27	34.70	2.43	69.74
MW-2	09/22/99	102.37	32.32	34.14	1.82	69.78
MW-2	10/28/99	102.37	31.98	33.30	1.32	70.19
MW-2	11/23/99	102.37	31.93	33.28	1.35	70.24
MW-2	12/17/99	102.37	32.26	32.94	0.68	70.01
MW-2	01/13/00	102.37	32.31	33.20	0.89	69.93
MW-2	02/15/00	102.37	32.30	33.30	1.00	69.92
MW-2	03/31/00	102.37	32.28	33.73	1.45	69.87
MW-2	04/27/00	102.37	32.01	33.31	1.30	70.17
MW-2	05/31/00	102.37	32.49	34.48	1.99	69.58
MW-2	06/30/00	102.37	32.58	33.79	1.21	69.61
MW-2	07/13/00	102.37	32.61	33.69	1.08	69.60
MW-2	08/30/00	102.37	32.27	34.03	1.76	69.84
MW-2	09/21/00	102.37	32.60	34.86	2.26	69.43
MW-2	10/03/00	102.37	32.80	34.12	1.32	69.37
MW-2	11/29/00	102.37	32.76	34.30	1.54	69.38
MW-2	12/13/00	102.37	32.70	33.58	0.88	69.54
MW-2	01/03/01	102.37	32.68	33.33	0.65	69.59
MW-2	02/06/01	102.37	32.79	33.83	1.04	69.42
MW-2	03/15/01	102.37	32.85	33.91	1.06	69.36
MW-2	04/05/01	102.37	33.00	34.10	1.10	69.21
MW-2	05/03/01	102.37	32.98	34.16	1.18	69.21
MW-2	06/02/01	102.37	32.91	34.86	1.95	69.17
MW-2	07/10/01	102.37	32.89	35.50	2.61	69.09

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-2	10/02/01	102.37	32.69	34.52	1.83	69.41
MW-2	01/28/02	102.37	32.90	34.34	1.44	69.25
MW-2	02/25/02	102.37	32.80	34.14	1.34	69.37
MW-2	03/25/02	102.37	32.29	33.99	1.70	69.83
MW-2	04/10/02	102.37	31.83	33.72	1.89	70.26
MW-2	05/16/02	102.37	33.32	34.14	0.82	68.93
MW-2	06/17/02	102.37	32.80	33.70	0.90	69.44
MW-2	07/02/02	102.37	32.91	33.03	0.12	69.44
MW-2	09/10/02	102.37	32.65	34.29	1.64	69.47
MW-2	10/08/02	102.37	32.80	34.38	1.58	69.33
MW-2	11/08/02	102.37	32.20	34.25	2.05	69.86
MW-2	01/28/03	102.37	32.22	34.59	2.37	69.79
MW-2	04/02/03	102.37	32.12	33.16	1.04	70.09
MW-2	05/10/03	102.37	32.15	33.12	0.97	70.07
MW-2	06/26/03	102.37	32.16	34.06	1.90	69.93
MW-2	07/08/03	102.37	33.12	33.47	0.35	69.20
MW-2	08/20/03	102.37	33.20	33.41	0.21	69.14
MW-2	09/30/03	102.37	33.19	33.65	0.46	69.11
MW-2	10/31/03	102.37	33.25	33.41	0.16	69.10
MW-2	11/12/03	102.37	34.10	34.23	0.13	68.25
MW-2	12/18/03	102.37	33.90	34.11	0.21	68.44
MW-2	01/21/04	102.37	33.54	33.88	0.34	68.78
MW-2	03/01/04	102.37	33.87	34.05	0.18	68.47
MW-2	05/06/04	102.37	31.55	31.90	0.35	70.77
MW-2	05/21/04	102.37	31.65	31.97	0.32	70.67
MW-2	06/03/04	102.37	31.49	31.91	0.42	70.82
MW-2	06/18/04	102.37	31.48	32.01	0.53	70.81
MW-2	07/12/04	102.37	31.51	32.12	0.61	70.77
MW-2	07/23/04	102.37	31.62	32.23	0.61	70.66
MW-2	09/03/04	102.37	31.57	32.00	0.43	70.74
MW-2	09/24/04	102.37	32.23	32.35	0.12	70.12
MW-2	09/30/04	102.37	31.32	31.50	0.18	71.02
MW-2	10/15/04	102.37	30.39	30.89	0.50	71.91
MW-2	11/09/04	102.37	30.20	30.21	0.01	72.17
MW-2	11/19/04	102.37	29.97	30.00	0.03	72.40
MW-2	12/07/04	102.37	-	29.02	0.00	73.35
MW-2	12/17/04	102.37	-	28.92	0.00	73.45
MW-2	01/07/05	102.37	-	28.84	0.00	73.53

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-2	02/21/05	102.37	-	28.73	0.00	73.64
MW-2	03/29/05	102.37	-	28.67	0.00	73.70
MW-2	04/22/05	102.37	-	28.78	0.00	73.59
MW-2	05/06/05	102.37	-	28.59	0.00	73.78
MW-2	05/23/05	102.37	-	28.51	0.00	73.86
MW-2	08/16/05	102.37	-	28.93	0.00	73.44
MW-2	10/05/05	102.37	-	28.67	0.00	73.70
MW-2	11/18/05	102.37	-	28.48	0.00	73.89
MW-2	01/11/06	102.37	-	28.42	0.00	73.95
MW-2	02/17/06	102.37	-	28.67	0.00	73.70
MW-2	03/15/06	102.37	-	28.50	0.00	73.87
MW-2	04/11/06	102.37	-	28.99	0.00	73.38
MW-2	05/23/06	102.37	-	28.62	0.00	73.75
MW-2	08/09/06	102.37	-	28.72	0.00	73.65
MW-2	09/27/06	102.37	-	28.10	0.00	74.27
MW-2	11/22/06	102.37	-	28.08	0.00	74.29
MW-2	12/14/06	102.37	-	28.15	0.00	74.22
MW-2	01/11/07	102.37	-	28.19	0.00	74.18
MW-2	03/31/07	102.37	-	28.14	0.00	74.23
MW-2	08/01/07	102.37	-	28.08	0.00	74.29
MW-2	12/13/07	102.37	-	28.02	0.00	74.35
MW-2	01/10/08	102.37	-	28.04	0.00	74.33
MW-2	02/18/08	102.37	-	28.40	0.00	73.97
MW-2	03/31/08	102.37	-	28.38	0.00	73.99
MW-2	04/28/08	102.37	-	28.43	0.00	73.94
MW-2	05/29/08	102.37	-	28.49	0.00	73.88
MW-2	06/30/08	102.37	-	28.71	0.00	73.66
MW-2	07/29/08	102.37	-	28.85	0.00	73.52
MW-2	08/29/08	102.37	-	29.10	0.00	73.27
MW-2	09/30/08	102.37	-	29.00	0.00	73.37
MW-2	10/31/08	102.37	-	28.89	0.00	73.48
MW-2	11/26/08	102.37	-	28.85	0.00	73.52
MW-2	12/30/08	102.37	-	28.88	0.00	73.49
MW-2	01/30/09	102.37	-	29.07	0.00	73.30
MW-2	02/26/09	102.37	-	29.01	0.00	73.36
MW-2	03/31/09	102.37	-	29.13	0.00	73.24
MW-2	04/30/09	102.37	-	29.26	0.00	73.11
MW-2	05/29/09	102.37	-	29.28	0.00	73.09

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-2	06/26/09	102.37	-	29.34	0.00	73.03
MW-2	07/31/09	102.37	-	29.53	0.00	72.84
MW-2	08/28/09	102.37	-	29.67	0.00	72.70
MW-2	09/25/09	102.37	-	29.83	0.00	72.54
MW-2	10/30/09	102.37	-	30.10	0.00	72.27
MW-2	11/27/09	102.37	-	30.14	0.00	72.23
MW-2	12/21/09	102.37	-	30.18	0.00	72.19
MW-2	01/29/10	102.37	-	30.34	0.00	72.03
MW-2	02/26/10	102.37	-	30.39	0.00	71.98
MW-2	03/26/10	102.37	-	30.17	0.00	72.20
MW-2	04/30/10	102.37	-	30.21	0.00	72.16
MW-2	05/27/10	102.37	-	30.29	0.00	72.08
MW-2	06/30/10	102.37	-	28.91	0.00	73.46
MW-2	07/30/10	102.37	-	28.91	0.00	73.46
MW-2	08/26/10	102.37	-	29.05	0.00	73.32
MW-2	09/28/10	102.37	-	29.12	0.00	73.25
MW-2	10/29/10	102.37	-	29.20	0.00	73.17
MW-2	11/29/10	102.37	-	29.34	0.00	73.03
MW-2	12/29/10	102.37	-	29.50	0.00	72.87
MW-2	01/28/11	102.37	-	29.71	0.00	72.66
MW-2	02/25/11	102.37	-	29.91	0.00	72.46
MW-2	03/25/11	102.37	-	30.11	0.00	72.26
MW-2	04/29/11	102.37	-	30.39	0.00	71.98
MW-2	05/31/11	102.37	-	30.70	0.00	71.67
MW-2	06/29/11	102.37	-	30.89	0.00	71.48
MW-2	07/29/11	102.37	-	31.02	0.00	71.35
MW-2	08/31/11	102.37	-	31.30	0.00	71.07
MW-2	09/30/11	102.37	-	31.71	0.00	70.66
MW-2	10/28/11	102.37	-	31.67	0.00	70.70
MW-2	11/30/11	102.37	-	30.65	0.00	71.72
MW-2	12/30/11	102.37	-	30.92	0.00	71.45
MW-2	01/31/12	102.37	-	30.71	0.00	71.66
MW-2	02/28/12	102.37	-	30.71	0.00	71.66
MW-2	03/30/12	102.37	-	30.76	0.00	71.61
MW-2	04/27/12	102.37	-	30.76	0.00	71.61
MW-2	05/30/12	102.37	-	30.84	0.00	71.53
MW-2	06/27/12	102.37	-	30.83	0.00	71.54
MW-2	07/26/12	102.37	-	30.98	0.00	71.39

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-2	08/31/12	102.37	-	31.13	0.00	71.24
MW-2	09/27/12	102.37	-	31.26	0.00	71.11
MW-2	10/26/12	102.37	-	31.27	0.00	71.10
MW-2	11/30/12	102.37	-	31.20	0.00	71.17
MW-2	12/27/12	102.37	-	31.14	0.00	71.23
MW-2	01/31/13	102.37	-	31.16	0.00	71.21
MW-2	02/28/13	102.37	31.17	31.29	0.12	71.18
MW-2	03/28/13	102.37	31.13	31.20	0.07	71.23
MW-2	04/26/13	102.37	31.13	31.23	0.10	71.23
MW-2	05/24/13	102.37	31.28	31.34	0.06	71.08
MW-2	06/27/13	102.37	31.38	31.51	0.13	70.97
MW-2	07/26/13	102.37	31.43	31.61	0.18	70.91
MW-2	08/29/13	102.37	31.56	31.75	0.19	70.78
MW-2	09/26/13	102.37	31.65	31.89	0.24	70.68
MW-2	10/31/13	102.37	31.68	31.89	0.21	70.66
MW-2	11/26/13	102.37	31.66	31.95	0.29	70.67
MW-2	12/27/13	102.37	31.61	31.89	0.28	70.72
MW-2	01/31/14	3,503.88	31.52	31.84	0.32	3,472.31
MW-2	02/28/14	3,503.88	31.51	31.89	0.38	3,472.31
MW-2	03/28/14	3,503.88	31.52	31.89	0.37	3,472.30
MW-2	03/28/14	3,503.88	31.52	31.89	0.37	3,472.30
MW-2	06/30/14	3,503.88	31.83	32.29	0.46	3,471.98
MW-2	09/29/14	3,503.88	29.90	30.63	0.73	3,473.87
MW-2	11/10/14	3,503.88	29.49	30.18	0.69	3,474.29
MW-2	01/06/15	3,503.88	30.30	30.41	0.11	3,473.56
MW-2	01/16/15	3,503.88	30.18	30.30	0.12	3,473.68
MW-2	01/20/15	3,503.88	30.15	30.28	0.13	3,473.71
MW-2	01/27/15	3,503.88	30.22	30.34	0.12	3,473.64
MW-2	02/03/15	3,503.88	30.15	30.24	0.09	3,473.72
MW-2	02/10/15	3,503.88	30.43	30.45	0.02	3,473.45
MW-2	02/20/15	3,503.88	30.20	30.21	0.01	3,473.68
MW-2	02/23/15	3,503.88	30.45	30.50	0.05	3,473.42
MW-2	03/04/15	3,503.88	30.37	30.43	0.06	3,473.50
MW-2	03/10/15	3,503.88	30.08	30.13	0.05	3,473.79
MW-2	03/19/15	3,503.88	30.45	30.51	0.06	3,473.42
MW-2	03/20/15	3,503.88	30.45	30.51	0.06	3,473.42
MW-2	03/25/15	3,503.88	29.97	30.00	0.03	3,473.91
MW-2	04/01/15	3,503.88	29.87	29.91	0.04	3,474.00

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-2	04/07/15	3,503.88	30.17	30.19	0.02	3,473.71
MW-2	04/14/15	3,503.88	30.12	30.16	0.04	3,473.75
MW-2	04/21/15	3,503.88	30.18	30.21	0.03	3,473.70
MW-2	04/28/15	3,503.88	30.13	30.17	0.04	3,473.74
MW-2	05/06/15	3,503.88	-	30.04	0.00	3,473.84
MW-2	05/20/15	3,503.88	-	30.35	0.00	3,473.53
MW-2	06/02/15	3,503.88	29.70	30.01	0.31	3,474.13
MW-2	06/18/15	3,503.88	-	29.86	0.00	3,474.02
MW-2	06/29/15	3,503.88	-	29.80	0.00	3,474.08
MW-2	07/09/15	3,503.88	-	30.34	0.00	3,473.54
MW-2	07/22/15	3,503.88	-	30.40	0.00	3,473.48
MW-2	08/19/15	3,503.88	30.16	30.21	0.05	3,473.71
MW-2	08/20/15	3,503.88	30.16	31.02	0.86	3,473.59
MW-2	08/31/15	3,503.88	-	29.67	0.00	3,474.21
MW-2	12/02/15	3,503.88	30.80	30.90	0.10	3,473.07
MW-2	12/15/15	3,503.88	29.90	30.00	0.10	3,473.97
MW-2	01/05/16	3,503.88	31.42	38.90	7.48	3,471.34
MW-2	01/19/16	3,503.88	30.29	30.36	0.07	3,473.58
MW-2	02/02/16	3,503.88	30.21	30.43	0.22	3,473.64
MW-2	02/19/16	3,503.88	30.36	31.00	0.64	3,473.42
MW-2	03/02/16	3,503.88	30.40	31.30	0.90	3,473.35
MW-2	04/06/16	3,503.88	30.27	30.49	0.22	3,473.58
MW-2	04/22/16	3,503.88	30.30	30.52	0.22	3,473.55
MW-2	04/28/15	3,503.88	30.20	30.53	0.33	3,473.63
MW-2	05/04/16	3,503.88	30.28	30.60	0.32	3,473.55
MW-2	05/16/16	3,503.88	30.28	30.60	0.32	3,473.55
MW-2	05/25/16	3,503.88	30.25	30.62	0.37	3,473.57
MW-2	06/16/16	3,503.88	30.25	30.64	0.39	3,473.57
MW-2	07/01/16	3,503.88	30.28	30.60	0.32	3,473.55
MW-2	07/15/16	3,503.88	30.27	30.63	0.36	3,473.56
MW-2	07/29/16	3,503.88	30.24	30.62	0.38	3,473.58
MW-2	08/11/16	3,503.88	30.28	30.60	0.32	3,473.55
MW-2	08/15/16	3,503.88	30.25	30.60	0.35	3,473.58
MW-2	09/06/16	3,503.88	30.20	30.61	0.41	3,473.62
MW-2	12/01/16	3,503.88	28.59	28.65	0.06	3,475.28
MW-2	12/30/16	3,503.88	28.05	28.13	0.08	3,475.82
MW-2	01/13/17	3,503.88	28.20	28.30	0.10	3,475.67
MW-2	02/17/17	3,503.88	28.07	28.19	0.12	3,475.79

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-2	03/08/17	3,503.88	28.14	28.23	0.09	3,475.73
MW-2	04/11/17	3,503.88	28.16	28.39	0.23	3,475.69
MW-2	04/27/17	3,503.88	28.11	28.32	0.21	3,475.74
MW-2	05/11/17	3,503.88	28.22	28.26	0.04	3,475.65
MW-2	05/23/17	3,503.88	28.36	28.45	0.09	3,475.51
MW-2	06/07/17	3,503.88	28.29	28.36	0.07	3,475.58
MW-2	07/10/17	3,503.88	28.51	28.66	0.15	3,475.35
MW-2	07/21/17	3,503.88	28.55	28.65	0.10	3,475.32
MW-2	08/28/17	3,503.88	-	28.61	0.00	3,475.27
MW-2	09/15/17	3,503.88	28.60	28.62	0.02	3,475.28
MW-2	09/29/17	3,503.88	-	28.80	0.00	3,475.08
MW-2	10/11/17	3,503.88	-	28.45	0.00	3,475.43
MW-2	10/27/17	3,503.88	-	28.69	0.00	3,475.19
MW-2	11/10/17	3,503.88	-	28.37	0.00	3,475.51
MW-2	12/05/17	3,503.88	-	28.46	0.00	3,475.42
MW-2	12/21/17	3,503.88	-	28.58	0.00	3,475.30
MW-2	12/29/17	3,503.88	-	28.41	0.00	3,475.47
MW-2	01/12/18	3,503.88	-	28.60	0.00	3,475.28
MW-2	01/26/18	3,503.88	-	28.52	0.00	3,475.36
MW-2	02/13/18	3,503.88	-	28.56	0.00	3,475.32
MW-2	02/21/18	3,503.88	-	28.51	0.00	3,475.37
MW-2	03/27/18	3,503.88	-	28.60	0.00	3,475.28
MW-2	04/12/18	3,503.88	-	28.63	0.00	3,475.25
MW-2	04/23/18	3,503.88	-	28.74	0.00	3,475.14
MW-2	05/03/18	3,503.88	-	28.64	0.00	3,475.24
MW-2	05/15/18	3,503.88	-	28.08	0.00	3,475.80
MW-2	05/18/18	3,503.88	-	28.71	0.00	3,475.17
MW-2	05/31/18	3,503.88	-	28.88	0.00	3,475.00
MW-2	06/15/18	3,503.88	-	29.06	0.00	3,474.82
MW-2	06/27/18	3,503.88	-	29.02	0.00	3,474.86
MW-2	07/11/18	3,503.88	-	29.35	0.00	3,474.53
MW-2	07/30/18	3,503.88	-	29.39	0.00	3,474.49
MW-2	08/10/18	3,503.88	-	29.28	0.00	3,474.60
MW-2	08/29/18	3,503.88	-	29.42	0.00	3,474.46
MW-2	09/10/18	3,503.88	-	29.43	0.00	3,474.45
MW-2	10/08/18	3,503.88	-	29.39	0.00	3,474.49
MW-2	11/01/18	3,503.88	-	29.19	0.00	3,474.69
MW-2	11/08/18	3,503.88	-	29.10	0.00	3,474.78

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-2	11/30/18	3,503.88	-	28.89	0.00	3,474.99
MW-2	12/10/18	3,503.88	-	28.93	0.00	3,474.95
MW-2	12/26/18	3,503.88	-	29.05	0.00	3,474.83
MW-2	01/08/19	3,503.88	-	29.20	0.00	3,474.68
MW-2	01/25/19	3,503.88	-	29.13	0.00	3,474.75
MW-2	02/14/19	3,503.88	-	29.21	0.00	3,474.67
MW-2	02/27/19	3,503.88	-	29.28	0.00	3,474.60
MW-2	03/13/19	3,503.88	-	29.07	0.00	3,474.81
MW-2	03/25/19	3,503.88	-	29.30	0.00	3,474.58
MW-2	04/03/19	3,503.88	-	28.95	0.00	3,474.93
MW-2	04/19/19	3,503.88	-	29.07	0.00	3,474.81
MW-2	04/29/19	3,503.88	-	29.02	0.00	3,474.86
MW-2	05/16/19	3,503.88	-	29.09	0.00	3,474.79
MW-2	06/05/19	3,503.88	-	29.18	0.00	3,474.70
MW-2	06/27/19	3,503.88	-	29.37	0.00	3,474.51
MW-2	07/09/19	3,503.88	-	29.36	0.00	3,474.52
MW-2	08/20/19	3,503.88	-	29.44	0.00	3,474.44
MW-2	09/05/19	3,503.88	-	29.50	0.00	3,474.38
MW-2	09/18/19	3,503.88	-	29.75	0.00	3,474.13
MW-2	10/03/19	3,503.88	-	29.80	0.00	3,474.08
MW-2	10/28/19	3,503.88	-	29.30	0.00	3,474.58
MW-2	11/11/19	3,503.88	-	29.29	0.00	3,474.59
MW-2	11/20/19	3,503.88	-	28.98	0.00	3,474.90
MW-2	12/09/19	3,503.88	-	28.95	0.00	3,474.93
MW-3	10/17/95	103.61	-	32.67	0.00	70.94
MW-3	02/07/96	103.61	-	30.57	0.00	73.04
MW-3	04/03/96	103.61	-	30.54	0.00	73.07
MW-3	07/18/96	103.61	-	31.43	0.00	72.18
MW-3	10/02/96	103.61	-	28.06	0.00	75.55
MW-3	10/09/97	103.61	-	31.86	0.00	71.75
MW-3	01/22/98	103.61	-	32.21	0.00	71.40
MW-3	02/18/98	103.61	-	32.08	0.00	71.53
MW-3	04/02/98	103.61	-	32.00	0.00	71.61
MW-3	05/05/98	103.61	-	31.98	0.00	71.63
MW-3	07/07/98	103.61	-	32.70	0.00	70.91
MW-3	10/02/98	103.61	-	33.06	0.00	70.55
MW-3	01/14/99	103.61	32.58	32.65	0.07	71.02

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-3	04/15/99	103.61	32.36	32.56	0.20	71.22
MW-3	07/13/99	103.61	31.94	32.19	0.25	71.63
MW-3	11/08/99	103.61	32.26	32.54	0.28	71.31
MW-3	09/22/99	103.61	32.49	32.61	0.12	71.10
MW-3	10/28/99	103.61	32.10	32.12	0.02	71.51
MW-3	11/23/99	103.61	-	31.92	0.00	71.69
MW-3	12/17/99	103.61	-	31.94	0.00	71.67
MW-3	01/13/00	103.61	-	31.96	0.00	71.65
MW-3	02/15/00	103.61	-	32.00	0.00	71.61
MW-3	03/31/00	103.61	-	32.10	0.00	71.51
MW-3	04/27/00	103.61	-	31.98	0.00	71.63
MW-3	05/31/00	103.61	-	32.43	0.00	71.18
MW-3	06/30/00	103.61	-	32.65	0.00	70.96
MW-3	07/13/00	103.61	-	32.23	0.00	71.38
MW-3	08/30/00	103.61	-	32.49	0.00	71.12
MW-3	09/21/00	103.61	-	32.83	0.00	70.78
MW-3	10/03/00	103.61	-	32.85	0.00	70.76
MW-3	11/29/00	103.61	-	32.81	0.00	70.80
MW-3	12/13/00	103.61	-	32.74	0.00	70.87
MW-3	01/03/01	103.61	-	32.57	0.00	71.04
MW-3	02/06/01	103.61	-	32.65	0.00	70.96
MW-3	03/15/01	103.61	-	32.58	0.00	71.03
MW-3	04/05/01	103.61	32.50	32.61	0.11	71.09
MW-3	05/03/01	103.61	-	32.68	0.00	70.93
MW-3	06/02/01	103.61	-	32.92	0.00	70.69
MW-3	07/10/01	103.61	-	33.45	0.00	70.16
MW-3	10/02/01	103.61	33.14	33.43	0.29	70.43
MW-3	01/28/02	103.61	32.43	32.75	0.32	71.13
MW-3	02/25/02	103.61	32.51	32.59	0.08	71.09
MW-3	03/25/02	103.61	-	32.35	0.00	71.26
MW-3	04/10/02	103.61	-	32.42	0.00	71.19
MW-3	05/16/02	103.61	-	31.96	0.00	71.65
MW-3	06/17/02	103.61	-	31.92	0.00	71.69
MW-3	07/02/02	103.61	-	31.86	0.00	71.75
MW-3	09/10/02	103.61	-	31.45	0.00	72.16
MW-3	10/08/02	103.61	-	31.52	0.00	72.09
MW-3	11/08/02	103.61	-	31.48	0.00	72.13
MW-3	01/28/03	103.61	-	31.27	0.00	72.34

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-3	04/02/03	103.61	-	31.27	0.00	72.34
MW-3	07/08/03	103.61	-	31.97	0.00	71.64
MW-3	12/18/03	103.61	-	32.87	0.00	70.74
MW-3	01/21/04	103.61	-	32.86	0.00	70.75
MW-3	03/01/04	103.61	-	32.83	0.00	70.78
MW-3	05/06/04	103.61	-	31.19	0.00	72.42
MW-3	05/21/04	103.61	-	30.92	0.00	72.69
MW-3	06/03/04	103.61	-	30.82	0.00	72.79
MW-3	06/18/04	103.61	-	30.73	0.00	72.88
MW-3	07/12/04	103.61	-	30.66	0.00	72.95
MW-3	07/23/04	103.61	-	30.73	0.00	72.88
MW-3	09/03/04	103.61	-	30.71	0.00	72.90
MW-3	09/24/04	103.61	-	30.73	0.00	72.88
MW-3	09/30/04	103.61	-	30.65	0.00	72.96
MW-3	10/15/04	103.61	-	29.95	0.00	73.66
MW-3	11/09/04	103.61	-	29.46	0.00	74.15
MW-3	11/19/04	103.61	-	29.42	0.00	74.19
MW-3	12/07/04	103.61	-	29.15	0.00	74.46
MW-3	12/17/04	103.61	-	29.01	0.00	74.60
MW-3	01/07/05	103.61	-	28.84	0.00	74.77
MW-3	02/21/05	103.61	-	38.70	0.00	64.91
MW-3	03/29/05	103.61	-	28.65	0.00	74.96
MW-3	04/22/05	103.61	-	28.66	0.00	74.95
MW-3	05/06/05	103.61	-	28.56	0.00	75.05
MW-3	05/23/05	103.61	-	28.54	0.00	75.07
MW-3	08/16/05	103.61	-	28.79	0.00	74.82
MW-3	10/05/05	103.61	-	28.52	0.00	75.09
MW-3	11/18/05	103.61	-	28.30	0.00	75.31
MW-3	01/11/06	103.61	-	28.35	0.00	75.26
MW-3	02/17/06	103.61	-	28.36	0.00	75.25
MW-3	03/15/06	103.61	-	28.37	0.00	75.24
MW-3	04/11/06	103.61	-	28.82	0.00	74.79
MW-3	05/23/06	103.61	-	28.48	0.00	75.13
MW-3	08/09/06	103.61	-	28.77	0.00	74.84
MW-3	09/27/06	103.61	-	28.11	0.00	75.50
MW-3	10/18/06	103.61	-	28.02	0.00	75.59
MW-3	11/22/06	103.61	-	27.99	0.00	75.62
MW-3	12/14/06	103.61	-	27.99	0.00	75.62

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-3	01/11/07	103.61	-	28.06	0.00	75.55
MW-3	03/31/07	103.61	-	28.01	0.00	75.60
MW-3	08/01/07	103.61	-	27.95	0.00	75.66
MW-3	12/13/07	103.61	-	27.88	0.00	75.73
MW-3	01/10/08	103.61	-	27.90	0.00	75.71
MW-3	02/18/08	103.61	-	27.11	0.00	76.50
MW-3	03/31/08	103.61	-	28.21	0.00	75.40
MW-3	04/28/08	103.61	-	28.31	0.00	75.30
MW-3	05/29/08	103.61	-	28.37	0.00	75.24
MW-3	06/30/08	103.61	-	28.60	0.00	75.01
MW-3	07/29/08	103.61	-	28.60	0.00	75.01
MW-3	08/29/08	103.61	-	29.03	0.00	74.58
MW-3	09/30/08	103.61	-	28.87	0.00	74.74
MW-3	10/31/08	103.61	-	28.82	0.00	74.79
MW-3	11/26/08	103.61	-	28.66	0.00	74.95
MW-3	12/30/08	103.61	-	28.58	0.00	75.03
MW-3	01/30/09	103.61	-	28.71	0.00	74.90
MW-3	02/26/09	103.61	-	28.67	0.00	74.94
MW-3	03/31/09	103.61	-	28.77	0.00	74.84
MW-3	04/30/09	103.61	-	28.82	0.00	74.79
MW-3	05/29/09	103.61	-	28.95	0.00	74.66
MW-3	06/26/09	103.61	-	29.09	0.00	74.52
MW-3	07/31/09	103.61	-	29.33	0.00	74.28
MW-3	08/28/09	103.61	-	29.45	0.00	74.16
MW-3	09/25/09	103.61	-	29.61	0.00	74.00
MW-3	10/30/09	103.61	-	29.79	0.00	73.82
MW-3	11/27/09	103.61	-	29.81	0.00	73.80
MW-3	12/21/09	103.61	-	29.81	0.00	73.80
MW-3	01/29/10	103.61	-	29.95	0.00	73.66
MW-3	02/26/10	103.61	-	29.37	0.00	74.24
MW-3	03/26/10	103.61	-	29.78	0.00	73.83
MW-3	04/30/10	103.61	-	29.73	0.00	73.88
MW-3	05/27/10	103.61	-	29.78	0.00	73.83
MW-3	06/30/10	103.61	-	29.05	0.00	74.56
MW-3	07/30/10	103.61	-	29.05	0.00	74.56
MW-3	08/26/10	103.61	-	28.84	0.00	74.77
MW-3	09/28/10	103.61	-	28.81	0.00	74.80
MW-3	10/29/10	103.61	-	28.96	0.00	74.65

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-3	11/29/10	103.61	-	29.06	0.00	74.55
MW-3	12/29/10	103.61	-	29.10	0.00	74.51
MW-3	01/28/11	103.61	-	29.41	0.00	74.20
MW-3	02/25/11	103.61	-	29.57	0.00	74.04
MW-3	03/25/11	103.61	-	29.68	0.00	73.93
MW-3	04/29/11	103.61	-	30.34	0.00	73.27
MW-3	05/31/11	103.61	-	30.27	0.00	73.34
MW-3	06/29/11	103.61	-	30.51	0.00	73.10
MW-3	07/29/11	103.61	-	30.86	0.00	72.75
MW-3	08/31/11	103.61	-	31.12	0.00	72.49
MW-3	09/30/11	103.61	-	31.33	0.00	72.28
MW-3	10/28/11	103.61	-	31.44	0.00	72.17
MW-3	11/30/11	103.61	-	30.43	0.00	73.18
MW-3	12/30/11	103.61	-	30.51	0.00	73.10
MW-3	01/31/12	103.61	-	30.47	0.00	73.14
MW-3	02/28/12	103.61	-	30.40	0.00	73.21
MW-3	03/30/12	103.61	-	30.42	0.00	73.19
MW-3	04/27/12	103.61	-	30.43	0.00	73.18
MW-3	05/30/12	103.61	-	30.53	0.00	73.08
MW-3	06/27/12	103.61	-	30.62	0.00	72.99
MW-3	07/26/12	103.61	-	30.74	0.00	72.87
MW-3	08/31/12	103.61	-	30.90	0.00	72.71
MW-3	09/27/12	103.61	-	31.03	0.00	72.58
MW-3	10/26/12	103.61	-	30.94	0.00	72.67
MW-3	11/30/12	103.61	-	30.79	0.00	72.82
MW-3	12/27/12	103.61	-	30.69	0.00	72.92
MW-3	01/31/13	103.61	-	30.79	0.00	72.82
MW-3	02/28/13	103.61	-	30.78	0.00	72.83
MW-3	03/28/13	103.61	-	30.75	0.00	72.86
MW-3	04/26/13	103.61	-	30.77	0.00	72.84
MW-3	05/24/13	103.61	-	30.85	0.00	72.76
MW-3	06/27/13	103.61	-	31.08	0.00	72.53
MW-3	07/26/13	103.61	-	31.22	0.00	72.39
MW-3	08/29/13	103.61	-	31.32	0.00	72.29
MW-3	09/26/13	103.61	-	31.42	0.00	72.19
MW-3	10/31/13	103.61	-	31.41	0.00	72.20
MW-3	11/26/13	103.61	-	31.34	0.00	72.27
MW-3	12/27/13	103.61	-	31.24	0.00	72.37

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-3	01/31/14	3,505.18	-	31.18	0.00	3,474.00
MW-3	02/28/14	3,505.18	-	31.15	0.00	3,474.03
MW-3	03/28/14	3,505.18	-	31.14	0.00	3,474.04
MW-3	06/30/14	3,505.18	31.58	31.60	0.02	3,473.60
MW-3	09/29/14	3,505.18	-	30.97	0.00	3,474.21
MW-3	11/10/14	3,505.18	-	29.65	0.00	3,475.53
MW-3	03/19/15	3,505.18	-	29.90	0.00	3,475.28
MW-3	06/02/15	3,505.18	-	29.29	0.00	3,475.89
MW-3	08/19/15	3,505.18	-	29.52	0.00	3,475.66
MW-3	02/11/16	3,505.18	-	29.30	0.00	3,475.88
MW-3	05/04/16	3,505.18	-	29.10	0.00	3,476.08
MW-3	08/15/16	3,505.18	-	29.05	0.00	3,476.13
MW-3	12/01/16	3,505.18	-	28.06	0.00	3,477.12
MW-3	12/30/16	3,505.18	-	28.00	0.00	3,477.18
MW-3	01/13/17	3,505.18	-	28.02	0.00	3,477.16
MW-3	02/17/17	3,505.18	-	27.97	0.00	3,477.21
MW-3	03/08/17	3,505.18	-	28.00	0.00	3,477.18
MW-3	04/11/17	3,505.18	-	27.95	0.00	3,477.23
MW-3	04/27/17	3,505.18	-	27.94	0.00	3,477.24
MW-3	05/11/17	3,505.18	-	27.94	0.00	3,477.24
MW-3	05/23/17	3,505.18	-	28.01	0.00	3,477.17
MW-3	06/07/17	3,505.18	-	28.02	0.00	3,477.16
MW-3	07/10/17	3,505.18	-	28.26	0.00	3,476.92
MW-3	07/21/17	3,505.18	-	28.35	0.00	3,476.83
MW-3	08/28/17	3,505.18	-	28.39	0.00	3,476.79
MW-3	09/15/17	3,505.18	-	28.41	0.00	3,476.77
MW-3	09/29/17	3,505.18	-	28.25	0.00	3,476.93
MW-3	10/11/17	3,505.18	-	28.12	0.00	3,477.06
MW-3	10/27/17	3,505.18	-	28.07	0.00	3,477.11
MW-3	11/10/17	3,505.18	-	27.98	0.00	3,477.20
MW-3	12/05/17	3,505.18	-	27.94	0.00	3,477.24
MW-3	12/21/17	3,505.18	-	27.94	0.00	3,477.24
MW-3	12/29/17	3,505.18	-	27.93	0.00	3,477.25
MW-3	01/12/18	3,505.18	-	28.03	0.00	3,477.15
MW-3	01/26/18	3,505.18	-	28.03	0.00	3,477.15
MW-3	02/13/18	3,505.18	-	28.19	0.00	3,476.99
MW-3	02/21/18	3,505.18	-	28.30	0.00	3,476.88
MW-3	04/12/18	3,505.18	-	28.44	0.00	3,476.74

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-3	04/23/18	3,505.18	-	28.31	0.00	3,476.87
MW-3	05/18/18	3,505.18	-	28.32	0.00	3,476.86
MW-3	05/31/18	3,505.18	-	28.41	0.00	3,476.77
MW-3	06/15/18	3,505.18	-	28.51	0.00	3,476.67
MW-3	06/27/18	3,505.18	-	28.67	0.00	3,476.51
MW-3	07/11/18	3,505.18	-	28.90	0.00	3,476.28
MW-3	07/30/18	3,505.18	-	29.00	0.00	3,476.18
MW-3	08/10/18	3,505.18	-	28.97	0.00	3,476.21
MW-3	08/29/18	3,505.18	-	29.07	0.00	3,476.11
MW-3	09/10/18	3,505.18	-	29.24	0.00	3,475.94
MW-3	10/08/18	3,505.18	-	29.12	0.00	3,476.06
MW-3	11/01/18	3,505.18	-	29.05	0.00	3,476.13
MW-3	11/08/18	3,505.18	-	29.02	0.00	3,476.16
MW-3	11/30/18	3,505.18	-	28.80	0.00	3,476.38
MW-3	12/10/18	3,505.18	-	28.82	0.00	3,476.36
MW-3	12/26/18	3,505.18	-	28.84	0.00	3,476.34
MW-3	01/08/19	3,505.18	-	28.81	0.00	3,476.37
MW-3	01/25/19	3,505.18	-	28.77	0.00	3,476.41
MW-3	02/14/19	3,505.18	-	28.64	0.00	3,476.54
MW-3	02/27/19	3,505.18	-	28.72	0.00	3,476.46
MW-3	03/13/19	3,505.18	-	28.78	0.00	3,476.40
MW-3	03/25/19	3,505.18	-	28.73	0.00	3,476.45
MW-3	04/03/19	3,505.18	-	28.82	0.00	3,476.36
MW-3	04/19/19	3,505.18	-	28.78	0.00	3,476.40
MW-3	04/29/19	3,505.18	-	28.63	0.00	3,476.55
MW-3	05/16/19	3,505.18	-	28.66	0.00	3,476.52
MW-3	06/05/19	3,505.18	-	28.81	0.00	3,476.37
MW-3	06/27/19	3,505.18	-	28.97	0.00	3,476.21
MW-3	07/09/19	3,505.18	-	29.08	0.00	3,476.10
MW-3	09/05/19	3,505.18	-	29.44	0.00	3,475.74
MW-3	09/18/19	3,505.18	-	29.31	0.00	3,475.87
MW-3	10/03/19	3,505.18	-	29.31	0.00	3,475.87
MW-3	10/28/19	3,505.18	-	29.01	0.00	3,476.17
MW-3	11/11/19	3,505.18	-	29.13	0.00	3,476.05
MW-3	11/20/19	3,505.18	-	28.84	0.00	3,476.34
MW-3	12/09/19	3,505.18	-	28.68	0.00	3,476.50
MW-4	10/17/95	96.08	-	27.20	0.00	68.88

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-4	02/07/96	96.08	-	26.82	0.00	69.26
MW-4	04/03/96	96.08	-	26.88	0.00	69.20
MW-4	07/18/96	96.08	-	27.54	0.00	68.54
MW-4	10/02/96	96.08	-	28.06	0.00	68.02
MW-4	10/09/97	96.08	-	28.94	0.00	67.14
MW-4	01/22/98	96.08	-	28.68	0.00	67.40
MW-4	04/02/98	96.08	-	28.52	0.00	67.56
MW-4	05/05/98	96.08	-	28.51	0.00	67.57
MW-4	07/07/98	96.08	-	29.05	0.00	67.03
MW-4	10/02/98	96.08	-	29.42	0.00	66.66
MW-4	01/14/99	96.08	-	29.05	0.00	67.03
MW-4	04/15/99	96.08	-	28.85	0.00	67.23
MW-4	07/13/99	96.08	-	27.93	0.00	68.15
MW-4	11/08/99	96.08	-	28.40	0.00	67.68
MW-4	09/22/99	96.08	-	27.61	0.00	68.47
MW-4	10/28/99	96.08	-	28.18	0.00	67.90
MW-4	11/23/99	96.08	-	28.20	0.00	67.88
MW-4	12/17/99	96.08	-	28.29	0.00	67.79
MW-4	01/13/00	96.08	-	28.36	0.00	67.72
MW-4	02/15/00	96.08	-	28.43	0.00	67.65
MW-4	03/31/00	96.08	-	28.46	0.00	67.62
MW-4	04/27/00	96.08	-	28.35	0.00	67.73
MW-4	05/31/00	96.08	-	28.65	0.00	67.43
MW-4	06/30/00	96.08	-	27.40	0.00	68.68
MW-4	07/13/00	96.08	-	26.26	0.00	69.82
MW-4	08/30/00	96.08	-	28.00	0.00	68.08
MW-4	09/21/00	96.08	-	28.59	0.00	67.49
MW-4	10/03/00	96.08	-	28.76	0.00	67.32
MW-4	11/29/00	96.08	-	29.02	0.00	67.06
MW-4	12/13/00	96.08	-	29.01	0.00	67.07
MW-4	01/03/01	96.08	-	29.01	0.00	67.07
MW-4	02/06/01	96.08	-	28.97	0.00	67.11
MW-4	03/15/01	96.08	-	28.91	0.00	67.17
MW-4	04/05/01	96.08	-	28.82	0.00	67.26
MW-4	05/03/01	96.08	-	28.87	0.00	67.21
MW-4	06/02/01	96.08	-	29.12	0.00	66.96
MW-4	07/10/01	96.08	-	29.22	0.00	66.86
MW-4	10/02/01	96.08	-	28.60	0.00	67.48

TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-4	01/28/02	96.08	-	28.69	0.00	67.39
MW-4	02/25/02	96.08	-	28.67	0.00	67.41
MW-4	03/25/02	96.08	-	28.52	0.00	67.56
MW-4	04/10/02	96.08	-	28.02	0.00	68.06
MW-4	05/16/02	96.08	-	27.95	0.00	68.13
MW-4	06/17/02	96.08	-	28.05	0.00	68.03
MW-4	07/02/02	96.08	-	27.63	0.00	68.45
MW-4	09/10/02	96.08	-	27.28	0.00	68.80
MW-4	10/08/02	96.08	-	27.62	0.00	68.46
MW-4	11/08/02	96.08	-	27.02	0.00	69.06
MW-4	01/28/03	96.08	-	27.56	0.00	68.52
MW-4	04/02/03	96.08	-	27.68	0.00	68.40
MW-4	07/08/03	96.08	-	28.18	0.00	67.90
MW-4	12/18/03	96.08	-	29.23	0.00	66.85
MW-4	06/03/04	96.08	-	25.35	0.00	70.73
MW-4	06/18/04	96.08	-	25.68	0.00	70.40
MW-4	07/12/04	96.08	-	25.07	0.00	71.01
MW-4	07/23/04	96.08	-	26.02	0.00	70.06
MW-4	09/03/04	96.08	-	26.10	0.00	69.98
MW-4	09/24/04	96.08	-	26.57	0.00	69.51
MW-4	09/30/04	96.08	-	24.61	0.00	71.47
MW-4	10/15/04	96.08	-	21.60	0.00	74.48
MW-4	11/09/04	96.08	-	23.30	0.00	72.78
MW-4	11/19/04	96.08	-	22.79	0.00	73.29
MW-4	12/07/04	96.08	-	22.25	0.00	73.83
MW-4	12/17/04	96.08	-	22.78	0.00	73.30
MW-4	01/07/05	96.08	-	23.45	0.00	72.63
MW-4	02/21/05	96.08	-	23.43	0.00	72.65
MW-4	03/29/05	96.08	-	24.17	0.00	71.91
MW-4	04/22/05	96.08	-	24.39	0.00	71.69
MW-4	05/06/05	96.08	-	24.28	0.00	71.80
MW-4	05/23/05	96.08	-	24.26	0.00	71.82
MW-4	08/16/05	96.08	-	24.78	0.00	71.30
MW-4	10/05/05	96.08	-	24.03	0.00	72.05
MW-4	11/18/05	96.08	-	23.87	0.00	72.21
MW-4	01/11/06	96.08	-	24.28	0.00	71.80
MW-4	02/17/06	96.08	-	24.60	0.00	71.48
MW-4	03/15/06	96.08	-	24.65	0.00	71.43

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-4	04/11/06	96.08	-	24.49	0.00	71.59
MW-4	05/23/06	96.08	-	24.67	0.00	71.41
MW-4	08/09/06	96.08	-	24.73	0.00	71.35
MW-4	09/27/06	96.08	-	24.13	0.00	71.95
MW-4	11/22/06	96.08	-	23.63	0.00	72.45
MW-4	01/11/07	96.08	-	24.37	0.00	71.71
MW-4	03/31/07	96.08	-	24.25	0.00	71.83
MW-4	08/01/07	96.08	-	24.09	0.00	71.99
MW-4	12/13/07	96.08	-	23.91	0.00	72.17
MW-4	01/10/08	96.08	-	23.95	0.00	72.13
MW-4	02/18/08	96.08	-	24.29	0.00	71.79
MW-4	03/31/08	96.08	-	24.38	0.00	71.70
MW-4	04/28/08	96.08	-	24.50	0.00	71.58
MW-4	05/29/08	96.08	-	24.47	0.00	71.61
MW-4	06/30/08	96.08	-	24.81	0.00	71.27
MW-4	07/29/08	96.08	-	25.06	0.00	71.02
MW-4	08/29/08	96.08	-	25.31	0.00	70.77
MW-4	09/30/08	96.08	-	24.41	0.00	71.67
MW-4	10/31/08	96.08	-	24.15	0.00	71.93
MW-4	11/26/08	96.08	-	24.63	0.00	71.45
MW-4	12/30/08	96.08	-	24.86	0.00	71.22
MW-4	01/30/09	96.08	-	25.09	0.00	70.99
MW-4	02/26/09	96.08	-	25.08	0.00	71.00
MW-4	03/31/09	96.08	-	25.23	0.00	70.85
MW-4	04/30/09	96.08	-	25.27	0.00	70.81
MW-4	05/29/09	96.08	-	25.42	0.00	70.66
MW-4	06/26/09	96.08	-	25.56	0.00	70.52
MW-4	07/31/09	96.08	-	25.37	0.00	70.71
MW-4	08/28/09	96.08	-	25.73	0.00	70.35
MW-4	09/25/09	96.08	-	26.04	0.00	70.04
MW-4	10/30/09	96.08	-	26.31	0.00	69.77
MW-4	11/27/09	96.08	-	26.38	0.00	69.70
MW-4	12/21/09	96.08	-	26.42	0.00	69.66
MW-4	01/29/10	96.08	-	26.56	0.00	69.52
MW-4	02/26/10	96.08	-	26.28	0.00	69.80
MW-4	03/26/10	96.08	-	26.28	0.00	69.80
MW-4	04/30/10	96.08	-	26.29	0.00	69.79
MW-4	05/27/10	96.08	-	26.41	0.00	69.67

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-4	06/30/10	96.08	-	26.49	0.00	69.59
MW-4	07/30/10	96.08	-	23.14	0.00	72.94
MW-4	08/26/10	96.08	-	24.46	0.00	71.62
MW-4	09/28/10	96.08	-	25.18	0.00	70.90
MW-4	10/29/10	96.08	-	25.57	0.00	70.51
MW-4	11/29/10	96.08	-	25.80	0.00	70.28
MW-4	12/29/10	96.08	-	25.94	0.00	70.14
MW-4	01/28/11	96.08	-	26.25	0.00	69.83
MW-4	02/25/11	96.08	-	26.39	0.00	69.69
MW-4	03/25/11	96.08	-	26.52	0.00	69.56
MW-4	04/29/11	96.08	-	26.82	0.00	69.26
MW-4	05/31/11	96.08	-	27.03	0.00	69.05
MW-4	06/29/11	96.08	-	27.27	0.00	68.81
MW-4	07/29/11	96.08	-	27.53	0.00	68.55
MW-4	08/31/11	96.08	-	27.73	0.00	68.35
MW-4	09/30/11	96.08	-	27.94	0.00	68.14
MW-4	10/28/11	96.08	-	28.00	0.00	68.08
MW-4	11/30/11	96.08	-	27.12	0.00	68.96
MW-4	12/30/11	96.08	-	27.18	0.00	68.90
MW-4	01/31/12	96.08	-	27.06	0.00	69.02
MW-4	02/28/12	96.08	-	27.12	0.00	68.96
MW-4	03/30/12	96.08	-	27.11	0.00	68.97
MW-4	04/27/12	96.08	-	27.15	0.00	68.93
MW-4	05/30/12	96.08	-	27.11	0.00	68.97
MW-4	06/27/12	96.08	-	27.10	0.00	68.98
MW-4	07/26/12	96.08	-	27.25	0.00	68.83
MW-4	08/31/12	96.08	-	27.44	0.00	68.64
MW-4	09/27/12	96.08	-	27.56	0.00	68.52
MW-4	10/26/12	96.08	-	27.53	0.00	68.55
MW-4	11/30/12	96.08	-	27.52	0.00	68.56
MW-4	12/27/12	96.08	-	27.51	0.00	68.57
MW-4	01/31/13	96.08	-	27.54	0.00	68.54
MW-4	02/28/13	96.08	-	27.54	0.00	68.54
MW-4	03/28/13	96.08	-	27.51	0.00	68.57
MW-4	04/26/13	96.08	-	27.53	0.00	68.55
MW-4	05/24/13	96.08	-	27.59	0.00	68.49
MW-4	06/27/13	96.08	-	27.71	0.00	68.37
MW-4	07/26/13	96.08	-	27.64	0.00	68.44

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-4	08/29/13	96.08	-	27.87	0.00	68.21
MW-4	09/26/13	96.08	-	28.02	0.00	68.06
MW-4	10/31/13	96.08	-	28.10	0.00	67.98
MW-4	11/26/13	96.08	-	28.10	0.00	67.98
MW-4	12/27/13	96.08	-	28.08	0.00	68.00
MW-4	01/31/14	3,501.52	-	28.01	0.00	3,473.51
MW-4	02/28/14	3,501.52	-	28.00	0.00	3,473.52
MW-4	03/28/14	3,501.52	-	27.99	0.00	3,473.53
MW-4	06/30/14	3,501.52	-	28.27	0.00	3,473.25
MW-4	09/29/14	3,501.52	-	22.67	0.00	3,478.85
MW-4	11/10/14	3,501.52	-	24.75	0.00	3,476.77
MW-4	03/19/15	3,501.52	-	26.30	0.00	3,475.22
MW-4	06/02/15	3,501.52	-	25.67	0.00	3,475.85
MW-4	08/18/15	3,501.52	-	26.50	0.00	3,475.02
MW-4	11/25/15	3,501.52	-	26.05	0.00	3,475.47
MW-4	02/11/16	3,501.52	-	26.00	0.00	3,475.52
MW-4	05/06/16	3,501.52	-	30.00	0.00	3,471.52
MW-4	08/15/16	3,501.52	-	29.94	0.00	3,471.58
MW-4	11/30/16	3,501.52	-	27.86	0.00	3,473.66
MW-4	03/07/17	3,501.52	-	28.54	0.00	3,472.98
MW-4	06/06/17	3,501.52	-	28.77	0.00	3,472.75
MW-4	07/10/17	3,501.52	-	29.11	0.00	3,472.41
MW-4	08/28/17	3,501.52	-	28.00	0.00	3,473.52
MW-4	09/15/17	3,501.52	-	28.06	0.00	3,473.46
MW-4	12/04/17	3,501.52	-	28.64	0.00	3,472.88
MW-4	12/20/17	3,501.52	-	28.61	0.00	3,472.91
MW-4	01/12/18	3,501.52	-	28.74	0.00	3,472.78
MW-4	02/20/18	3,501.52	-	28.83	0.00	3,472.69
MW-4	04/23/18	3,501.52	-	28.97	0.00	3,472.55
MW-4	05/30/18	3,501.52	-	29.25	0.00	3,472.27
MW-4	06/27/18	3,501.52	-	29.45	0.00	3,472.07
MW-4	07/30/18	3,501.52	-	29.83	0.00	3,471.69
MW-4	08/28/18	3,501.52	-	30.09	0.00	3,471.43
MW-4	10/08/18	3,501.52	-	29.72	0.00	3,471.80
MW-4	11/07/18	3,501.52	-	28.47	0.00	3,473.05
MW-4	12/26/18	3,501.52	-	29.21	0.00	3,472.31
MW-4	01/25/19	3,501.52	-	29.37	0.00	3,472.15
MW-4	02/26/19	3,501.52	-	29.40	0.00	3,472.12

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-4	03/25/19	3,501.52	-	29.14	0.00	3,472.38
MW-4	04/29/19	3,501.52	-	29.13	0.00	3,472.39
MW-4	06/04/19	3,501.52	-	29.45	0.00	3,472.07
MW-4	06/27/19	3,501.52	-	29.73	0.00	3,471.79
MW-4	09/03/19	3,501.52	-	30.23	0.00	3,471.29
MW-4	10/03/19	3,501.52	-	29.46	0.00	3,472.06
MW-4	11/19/19	3,501.52	-	28.29	0.00	3,473.23
MW-5	10/17/95	109.21	33.08	33.26	0.18	76.10
MW-5	02/07/96	109.21	-	31.51	0.00	77.70
MW-5	04/03/96	109.21	-	31.21	0.00	78.00
MW-5	06/12/96	109.21	-	31.30	0.00	77.91
MW-5	06/20/96	109.21	-	31.43	0.00	77.78
MW-5	06/27/96	109.21	-	31.62	0.00	77.59
MW-5	07/05/96	109.21	-	31.76	0.00	77.45
MW-5	07/18/96	109.21	-	31.94	0.00	77.27
MW-5	08/01/96	109.21	-	32.12	0.00	77.09
MW-5	10/02/96	109.21	-	32.64	0.00	76.57
MW-5	10/09/97	109.21	-	32.45	0.00	76.76
MW-5	01/22/98	109.21	32.68	32.81	0.13	76.51
MW-5	02/18/98	109.21	-	32.50	0.00	76.71
MW-5	04/02/98	109.21	-	32.24	0.00	76.97
MW-5	05/05/98	109.21	-	32.19	0.00	77.02
MW-5	07/07/98	109.21	-	33.10	0.00	76.11
MW-5	10/02/98	109.21	-	33.57	0.00	75.64
MW-5	01/14/99	109.21	-	32.85	0.00	76.36
MW-5	04/15/99	109.21	-	32.59	0.00	76.62
MW-5	07/13/99	109.21	-	32.26	0.00	76.95
MW-5	08/11/99	109.21	-	32.71	0.00	76.50
MW-5	09/22/99	109.21	-	32.74	0.00	76.47
MW-5	10/28/99	109.21	-	32.41	0.00	76.80
MW-5	11/23/99	109.21	-	32.40	0.00	76.81
MW-5	12/17/99	109.21	-	32.39	0.00	76.82
MW-5	01/13/00	109.21	-	32.42	0.00	76.79
MW-5	02/15/00	109.21	-	32.38	0.00	76.83
MW-5	03/31/00	109.21	-	32.37	0.00	76.84
MW-5	04/27/00	109.21	-	32.27	0.00	76.94
MW-5	05/31/00	109.21	-	32.80	0.00	76.41

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-5	06/30/00	109.21	-	32.96	0.00	76.25
MW-5	07/13/00	109.21	-	32.57	0.00	76.64
MW-5	08/30/00	109.21	-	33.04	0.00	76.17
MW-5	09/21/00	109.21	-	33.40	0.00	75.81
MW-5	10/03/00	109.21	-	33.50	0.00	75.71
MW-5	11/29/00	109.21	-	33.15	0.00	76.06
MW-5	12/13/00	109.21	-	33.06	0.00	76.15
MW-5	01/03/01	109.21	-	32.93	0.00	76.28
MW-5	02/06/01	109.21	-	32.80	0.00	76.41
MW-5	03/15/01	109.21	-	32.65	0.00	76.56
MW-5	04/05/01	109.21	-	32.53	0.00	76.68
MW-5	05/03/01	109.21	-	32.60	0.00	76.61
MW-5	06/02/01	109.21	-	32.86	0.00	76.35
MW-5	07/10/01	109.21	-	33.20	0.00	76.01
MW-5	10/02/01	109.21	-	33.20	0.00	76.01
MW-5	01/28/02	109.21	-	32.95	0.00	76.26
MW-5	02/25/02	109.21	-	32.39	0.00	76.82
MW-5	03/25/02	109.21	-	32.38	0.00	76.83
MW-5	04/10/02	109.21	-	32.27	0.00	76.94
MW-5	05/16/02	109.21	-	32.00	0.00	77.21
MW-5	06/17/02	109.21	-	32.09	0.00	77.12
MW-5	07/02/02	109.21	-	32.02	0.00	77.19
MW-5	09/10/02	109.21	-	31.91	0.00	77.30
MW-5	10/08/02	109.21	-	32.11	0.00	77.10
MW-5	11/08/02	109.21	-	32.00	0.00	77.21
MW-5	01/28/03	109.21	-	31.75	0.00	77.46
MW-5	04/02/03	109.21	-	31.57	0.00	77.64
MW-5	07/08/03	109.21	-	32.23	0.00	76.98
MW-5	12/18/03	109.21	-	33.11	0.00	76.10
MW-5	06/03/04	109.21	-	31.56	0.00	77.65
MW-5	06/18/04	109.21	-	31.53	0.00	77.68
MW-5	07/12/04	109.21	-	31.51	0.00	77.70
MW-5	07/23/04	109.21	-	31.44	0.00	77.77
MW-5	09/03/04	109.21	-	31.44	0.00	77.77
MW-5	09/24/04	109.21	-	31.48	0.00	77.73
MW-5	09/30/04	109.21	-	31.33	0.00	77.88
MW-5	10/15/04	109.21	-	30.58	0.00	78.63
MW-5	11/09/04	109.21	-	30.35	0.00	78.86

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-5	11/19/04	109.21	-	30.30	0.00	78.91
MW-5	12/07/04	109.21	-	30.00	0.00	79.21
MW-5	12/17/04	109.21	-	29.95	0.00	79.26
MW-5	01/07/05	109.21	-	29.71	0.00	79.50
MW-5	02/21/05	109.21	-	29.43	0.00	79.78
MW-5	03/29/05	109.21	-	29.24	0.00	79.97
MW-5	04/22/05	109.21	-	29.25	0.00	79.96
MW-5	05/06/05	109.21	-	29.08	0.00	80.13
MW-5	05/23/05	109.21	-	29.05	0.00	80.16
MW-5	08/16/05	109.21	-	29.22	0.00	79.99
MW-5	10/05/05	109.21	-	29.82	0.00	79.39
MW-5	11/18/05	109.21	-	28.58	0.00	80.63
MW-5	01/11/06	109.21	-	28.46	0.00	80.75
MW-5	02/17/06	109.21	-	28.80	0.00	80.41
MW-5	03/15/06	109.21	-	28.77	0.00	80.44
MW-5	04/11/06	109.21	-	28.83	0.00	80.38
MW-5	05/23/06	109.21	-	28.96	0.00	80.25
MW-5	09/27/06	109.21	-	28.40	0.00	80.81
MW-5	10/18/06	109.21	-	28.40	0.00	80.81
MW-5	11/22/06	109.21	-	29.61	0.00	79.60
MW-5	12/14/06	109.21	-	28.38	0.00	80.83
MW-5	01/11/07	109.21	-	28.37	0.00	80.84
MW-5	03/31/07	109.21	-	28.29	0.00	80.92
MW-5	08/01/07	109.21	-	28.18	0.00	81.03
MW-5	12/13/07	109.21	-	28.11	0.00	81.10
MW-5	01/10/08	109.21	-	27.02	0.00	82.19
MW-5	02/18/08	109.21	-	28.43	0.00	80.78
MW-5	03/31/08	109.21	-	28.39	0.00	80.82
MW-5	04/28/08	109.21	-	28.55	0.00	80.66
MW-5	05/29/08	109.21	-	28.61	0.00	80.60
MW-5	06/30/08	109.21	-	28.91	0.00	80.30
MW-5	07/29/08	109.21	-	29.11	0.00	80.10
MW-5	08/29/08	109.21	-	29.33	0.00	79.88
MW-5	09/30/08	109.21	-	28.91	0.00	80.30
MW-5	10/31/08	109.21	-	28.79	0.00	80.42
MW-5	11/26/08	109.21	-	28.65	0.00	80.56
MW-5	12/30/08	109.21	-	28.59	0.00	80.62
MW-5	01/30/09	109.21	-	28.79	0.00	80.42

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-5	02/26/09	109.21	-	28.63	0.00	80.58
MW-5	03/31/09	109.21	-	28.79	0.00	80.42
MW-5	04/30/09	109.21	-	28.81	0.00	80.40
MW-5	05/29/09	109.21	-	29.02	0.00	80.19
MW-5	06/26/09	109.21	-	29.16	0.00	80.05
MW-5	07/31/09	109.21	-	29.42	0.00	79.79
MW-5	08/28/09	109.21	-	29.53	0.00	79.68
MW-5	09/25/09	109.21	-	29.68	0.00	79.53
MW-5	10/30/09	109.21	-	29.84	0.00	79.37
MW-5	11/27/09	109.21	-	29.91	0.00	79.30
MW-5	12/21/09	109.21	-	29.81	0.00	79.40
MW-5	01/29/10	109.21	-	30.00	0.00	79.21
MW-5	02/26/10	109.21	-	29.94	0.00	79.27
MW-5	03/26/10	109.21	-	29.70	0.00	79.51
MW-5	04/30/10	109.21	-	29.65	0.00	79.56
MW-5	05/27/10	109.21	-	29.78	0.00	79.43
MW-5	06/30/10	109.21	-	30.02	0.00	79.19
MW-5	07/30/10	109.21	-	28.01	0.00	81.20
MW-5	08/26/10	109.21	-	27.91	0.00	81.30
MW-5	09/28/10	109.21	-	27.98	0.00	81.23
MW-5	10/29/10	109.21	-	28.33	0.00	80.88
MW-5	11/29/10	109.21	-	28.50	0.00	80.71
MW-5	12/29/10	109.21	-	28.52	0.00	80.69
MW-5	01/28/11	109.21	-	29.02	0.00	80.19
MW-5	02/25/11	109.21	-	29.24	0.00	79.97
MW-5	03/25/11	109.21	-	29.35	0.00	79.86
MW-5	04/29/11	109.21	-	29.83	0.00	79.38
MW-5	05/31/11	109.21	-	30.03	0.00	79.18
MW-5	06/29/11	109.21	-	30.28	0.00	78.93
MW-5	07/29/11	109.21	-	30.62	0.00	78.59
MW-5	08/31/11	109.21	-	29.92	0.00	79.29
MW-5	09/30/11	109.21	-	31.08	0.00	78.13
MW-5	10/28/11	109.21	-	31.17	0.00	78.04
MW-5	11/30/11	109.21	-	30.16	0.00	79.05
MW-5	12/30/11	109.21	-	30.22	0.00	78.99
MW-5	01/31/12	109.21	-	30.15	0.00	79.06
MW-5	02/28/12	109.21	-	30.11	0.00	79.10
MW-5	03/30/12	109.21	-	30.10	0.00	79.11

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-5	04/27/12	109.21	-	30.18	0.00	79.03
MW-5	05/30/12	109.21	-	30.21	0.00	79.00
MW-5	06/27/12	109.21	-	30.20	0.00	79.01
MW-5	07/26/12	109.21	-	30.37	0.00	78.84
MW-5	08/31/12	109.21	-	30.57	0.00	78.64
MW-5	09/27/12	109.21	-	30.71	0.00	78.50
MW-5	10/26/12	109.21	-	30.58	0.00	78.63
MW-5	11/30/12	109.21	-	30.45	0.00	78.76
MW-5	12/27/12	109.21	-	30.36	0.00	78.85
MW-5	01/31/13	109.21	-	30.50	0.00	78.71
MW-5	02/28/13	109.21	-	30.54	0.00	78.67
MW-5	03/28/13	109.21	-	30.45	0.00	78.76
MW-5	04/26/13	109.21	-	30.49	0.00	78.72
MW-5	05/24/13	109.21	-	30.54	0.00	78.67
MW-5	06/27/13	109.21	-	30.72	0.00	78.49
MW-5	07/26/13	109.21	-	30.85	0.00	78.36
MW-5	08/29/13	109.21	-	30.41	0.00	78.80
MW-5	09/26/13	109.21	-	30.99	0.00	78.22
MW-5	10/31/13	109.21	-	30.95	0.00	78.26
MW-5	11/26/13	109.21	-	30.90	0.00	78.31
MW-5	12/27/13	109.21	-	30.84	0.00	78.37
MW-5	06/30/14	3,510.07	-	31.12	0.00	3,478.95
MW-5	09/29/14	3,510.07	-	29.10	0.00	3,480.97
MW-5	11/10/14	3,510.07	-	28.41	0.00	3,481.66
MW-5	03/19/15	3,510.07	-	29.70	0.00	3,480.37
MW-5	06/02/15	3,510.07	-	28.62	0.00	3,481.45
MW-5	08/19/15	3,510.07	-	29.36	0.00	3,480.71
MW-5	02/15/16	3,510.07	-	28.83	0.00	3,481.24
MW-5	05/04/16	3,510.07	-	28.85	0.00	3,481.22
MW-5	08/11/16	3,510.07	-	28.80	0.00	3,481.27
MW-5	11/30/16	3,510.07	-	26.98	0.00	3,483.09
MW-5	03/29/17	3,510.07	-	27.37	0.00	3,482.70
MW-5	06/06/17	3,510.07	-	27.59	0.00	3,482.48
MW-5	07/10/17	3,510.07	-	27.80	0.00	3,482.27
MW-5	08/28/17	3,510.07	-	25.62	0.00	3,484.45
MW-5	09/15/17	3,510.07	-	27.83	0.00	3,482.24
MW-5	12/04/17	3,510.07	-	27.87	0.00	3,482.20
MW-5	12/20/17	3,510.07	-	27.65	0.00	3,482.42

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-5	01/12/18	3,510.07	-	27.83	0.00	3,482.24
MW-5	02/20/18	3,510.07	-	27.89	0.00	3,482.18
MW-5	04/23/18	3,510.07	-	28.09	0.00	3,481.98
MW-5	05/30/18	3,510.07	-	28.23	0.00	3,481.84
MW-5	06/27/18	3,510.07	-	28.32	0.00	3,481.75
MW-5	07/30/18	3,510.07	-	28.61	0.00	3,481.46
MW-5	08/28/18	3,510.07	-	28.77	0.00	3,481.30
MW-5	10/08/18	3,510.07	-	28.29	0.00	3,481.78
MW-5	11/07/18	3,510.07	-	28.02	0.00	3,482.05
MW-5	12/26/18	3,510.07	-	27.82	0.00	3,482.25
MW-5	01/25/19	3,510.07	-	28.02	0.00	3,482.05
MW-5	02/26/19	3,510.07	-	28.07	0.00	3,482.00
MW-5	03/25/19	3,510.07	-	28.13	0.00	3,481.94
MW-5	04/29/19	3,510.07	-	27.98	0.00	3,482.09
MW-5	06/04/19	3,510.07	-	28.14	0.00	3,481.93
MW-5	06/27/19	3,510.07	-	28.39	0.00	3,481.68
MW-5	09/03/19	3,510.07	-	28.73	0.00	3,481.34
MW-5	10/03/19	3,510.07	-	28.53	0.00	3,481.54
MW-5	11/19/19	3,510.07	-	27.87	0.00	3,482.20
MW-6	10/17/95	106.26	-	32.07	0.00	74.19
MW-6	02/07/96	106.26	29.87	31.15	1.28	76.20
MW-6	04/03/96	106.26	29.78	31.15	1.37	76.27
MW-6	07/18/96	106.26	-	30.51	0.00	75.75
MW-6	10/02/96	106.26	-	31.80	0.00	74.46
MW-6	10/09/97	106.26	-	31.15	0.00	75.11
MW-6	01/22/98	106.26	-	31.28	0.00	74.98
MW-6	02/18/98	106.26	-	31.11	0.00	75.15
MW-6	04/02/98	106.26	-	31.00	0.00	75.26
MW-6	05/05/98	106.26	-	30.95	0.00	75.31
MW-6	07/07/98	106.26	-	31.65	0.00	74.61
MW-6	10/02/98	106.26	-	32.00	0.00	74.26
MW-6	01/14/99	106.26	-	31.52	0.00	74.74
MW-6	04/15/99	106.26	-	31.30	0.00	74.96
MW-6	07/13/99	106.26	-	30.53	0.00	75.73
MW-6	08/11/99	106.26	-	31.05	0.00	75.21
MW-6	09/22/99	106.26	-	30.21	0.00	76.05
MW-6	10/28/99	106.26	-	30.63	0.00	75.63

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-6	11/23/99	106.26	-	30.84	0.00	75.42
MW-6	12/17/99	106.26	-	30.92	0.00	75.34
MW-6	01/13/00	106.26	-	30.99	0.00	75.27
MW-6	02/15/00	106.26	-	31.01	0.00	75.25
MW-6	03/31/00	106.26	-	31.06	0.00	75.20
MW-6	04/27/00	106.26	-	31.01	0.00	75.25
MW-6	05/31/00	106.26	-	32.13	0.00	74.13
MW-6	06/30/00	106.26	-	31.24	0.00	75.02
MW-6	07/13/00	106.26	-	30.37	0.00	75.89
MW-6	08/30/00	106.26	-	31.18	0.00	75.08
MW-6	09/21/00	106.26	-	31.68	0.00	74.58
MW-6	10/03/00	106.26	-	31.85	0.00	74.41
MW-6	11/29/00	106.26	-	31.68	0.00	74.58
MW-6	12/13/00	106.26	-	31.62	0.00	74.64
MW-6	01/03/01	106.26	-	31.58	0.00	74.68
MW-6	02/06/01	106.26	-	31.52	0.00	74.74
MW-6	03/15/01	106.26	-	31.45	0.00	74.81
MW-6	04/05/01	106.26	-	31.30	0.00	74.96
MW-6	05/03/01	106.26	-	31.38	0.00	74.88
MW-6	06/02/01	106.26	-	31.63	0.00	74.63
MW-6	07/10/01	106.26	-	31.94	0.00	74.32
MW-6	10/02/01	106.26	-	31.41	0.00	74.85
MW-6	01/28/02	106.26	-	31.22	0.00	75.04
MW-6	02/25/02	106.26	-	31.84	0.00	74.42
MW-6	03/25/02	106.26	-	31.13	0.00	75.13
MW-6	04/10/02	106.26	-	30.79	0.00	75.47
MW-6	05/16/02	106.26	-	30.66	0.00	75.60
MW-6	06/17/02	106.26	-	30.57	0.00	75.69
MW-6	07/02/02	106.26	-	30.70	0.00	75.56
MW-6	08/10/02	106.26	-	30.12	0.00	76.14
MW-6	10/08/02	106.26	-	30.36	0.00	75.90
MW-6	11/08/02	106.26	-	30.16	0.00	76.10
MW-6	01/28/03	106.26	-	30.25	0.00	76.01
MW-6	04/02/03	106.26	-	30.17	0.00	76.09
MW-6	07/08/03	106.26	-	30.69	0.00	75.57
MW-6	12/18/03	106.26	-	31.70	0.00	74.56
MW-6	03/06/04	106.26	-	29.91	0.00	76.35
MW-6	06/18/04	106.26	-	29.94	0.00	76.32

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-6	07/12/04	106.26	-	29.68	0.00	76.58
MW-6	07/23/04	106.26	-	29.74	0.00	76.52
MW-6	09/03/04	106.26	-	29.78	0.00	76.48
MW-6	09/24/04	106.26	-	30.00	0.00	76.26
MW-6	09/30/04	106.26	-	29.39	0.00	76.87
MW-6	10/15/04	106.26	-	29.55	0.00	76.71
MW-6	11/09/04	106.26	-	28.51	0.00	77.75
MW-6	11/19/04	106.26	-	28.44	0.00	77.82
MW-6	12/07/04	106.26	-	27.75	0.00	78.51
MW-6	12/17/04	106.26	-	28.00	0.00	78.26
MW-6	01/07/05	106.26	-	28.12	0.00	78.14
MW-6	02/21/05	106.26	-	28.14	0.00	78.12
MW-6	03/29/05	106.26	-	28.06	0.00	78.20
MW-6	04/22/05	106.26	-	28.14	0.00	78.12
MW-6	05/06/05	106.26	-	27.97	0.00	78.29
MW-6	05/23/05	106.26	-	27.97	0.00	78.29
MW-6	08/16/05	106.26	-	28.10	0.00	78.16
MW-6	10/05/10	106.26	-	27.44	0.00	78.82
MW-6	11/18/05	106.26	-	27.25	0.00	79.01
MW-6	01/11/06	106.26	-	27.32	0.00	78.94
MW-6	02/17/06	106.26	-	27.64	0.00	78.62
MW-6	03/15/06	106.26	-	27.55	0.00	78.71
MW-6	04/11/06	106.26	-	27.96	0.00	78.30
MW-6	05/23/06	106.26	-	28.08	0.00	78.18
MW-6	09/27/06	106.26	-	26.55	0.00	79.71
MW-6	10/18/06	106.26	-	26.83	0.00	79.43
MW-6	11/22/06	106.26	-	27.13	0.00	79.13
MW-6	12/14/06	106.26	-	26.96	0.00	79.30
MW-6	01/11/07	106.26	-	27.02	0.00	79.24
MW-6	03/31/07	106.26	-	27.05	0.00	79.21
MW-6	08/01/07	106.26	-	27.03	0.00	79.23
MW-6	12/13/07	106.26	-	27.00	0.00	79.26
MW-6	01/10/08	106.26	-	27.04	0.00	79.22
MW-6	02/18/08	106.26	-	27.25	0.00	79.01
MW-6	03/31/08	106.26	-	27.14	0.00	79.12
MW-6	04/28/08	106.26	-	27.43	0.00	78.83
MW-6	05/29/08	106.26	-	27.43	0.00	78.83
MW-6	06/30/08	106.26	-	27.70	0.00	78.56

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-6	07/29/08	106.26	-	27.89	0.00	78.37
MW-6	08/29/08	106.26	-	28.00	0.00	78.26
MW-6	09/30/08	106.26	-	27.48	0.00	78.78
MW-6	10/31/08	106.26	-	27.37	0.00	78.89
MW-6	11/26/08	106.26	-	27.43	0.00	78.83
MW-6	12/30/08	106.26	-	27.87	0.00	78.39
MW-6	01/30/09	106.26	-	27.66	0.00	78.60
MW-6	02/26/09	106.26	-	27.55	0.00	78.71
MW-6	03/31/09	106.26	-	27.69	0.00	78.57
MW-6	04/30/09	106.26	-	27.73	0.00	78.53
MW-6	05/29/09	106.26	-	27.92	0.00	78.34
MW-6	06/26/09	106.26	-	27.99	0.00	78.27
MW-6	07/31/09	106.26	-	28.98	0.00	77.28
MW-6	08/28/09	106.26	-	28.21	0.00	78.05
MW-6	09/25/09	106.26	-	28.42	0.00	77.84
MW-6	10/30/09	106.26	-	28.64	0.00	77.62
MW-6	11/27/09	106.26	-	28.70	0.00	77.56
MW-6	12/21/09	106.26	-	28.64	0.00	77.62
MW-6	01/29/10	106.26	-	28.85	0.00	77.41
MW-6	02/26/10	106.26	-	28.71	0.00	77.55
MW-6	03/26/10	106.26	-	28.53	0.00	77.73
MW-6	04/30/10	106.26	-	28.52	0.00	77.74
MW-6	05/27/10	106.26	-	28.69	0.00	77.57
MW-6	06/30/10	106.26	-	28.76	0.00	77.50
MW-6	07/30/10	106.26	-	26.67	0.00	79.59
MW-6	08/26/10	106.26	-	27.04	0.00	79.22
MW-6	09/28/10	106.26	-	27.16	0.00	79.10
MW-6	10/29/10	106.26	-	27.46	0.00	78.80
MW-6	11/29/10	106.26	-	27.58	0.00	78.68
MW-6	12/29/10	106.26	-	27.62	0.00	78.64
MW-6	01/28/11	106.26	-	28.03	0.00	78.23
MW-6	02/25/11	106.26	-	28.21	0.00	78.05
MW-6	03/25/11	106.26	-	28.31	0.00	77.95
MW-6	04/29/11	106.26	-	28.73	0.00	77.53
MW-6	05/31/11	106.26	-	28.92	0.00	77.34
MW-6	06/29/11	106.26	-	29.14	0.00	77.12
MW-6	07/29/11	106.26	-	29.45	0.00	76.81
MW-6	08/31/11	106.26	-	29.69	0.00	76.57

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-6	09/30/11	106.26	-	29.87	0.00	76.39
MW-6	10/28/11	106.26	-	29.95	0.00	76.31
MW-6	11/30/11	106.26	-	28.99	0.00	77.27
MW-6	12/30/11	106.26	-	29.07	0.00	77.19
MW-6	01/31/12	106.26	-	29.02	0.00	77.24
MW-6	02/28/12	106.26	-	28.98	0.00	77.28
MW-6	03/30/12	106.26	-	29.02	0.00	77.24
MW-6	04/27/12	106.26	-	29.04	0.00	77.22
MW-6	05/30/12	106.26	-	29.08	0.00	77.18
MW-6	06/27/12	106.26	-	28.87	0.00	77.39
MW-6	07/26/12	106.26	-	29.16	0.00	77.10
MW-6	08/31/12	106.26	-	29.35	0.00	76.91
MW-6	09/27/12	106.26	-	29.49	0.00	76.77
MW-6	10/26/12	106.26	-	29.25	0.00	77.01
MW-6	11/30/12	106.26	-	29.25	0.00	77.01
MW-6	12/27/12	106.26	-	29.20	0.00	77.06
MW-6	01/31/13	106.26	-	29.38	0.00	76.88
MW-6	02/28/13	106.26	-	29.42	0.00	76.84
MW-6	03/28/13	106.26	-	29.36	0.00	76.90
MW-6	04/26/13	106.26	-	29.39	0.00	76.87
MW-6	05/24/13	106.26	-	29.48	0.00	76.78
MW-6	06/27/13	106.26	-	29.59	0.00	76.67
MW-6	07/26/13	106.26	-	29.67	0.00	76.59
MW-6	08/29/13	106.26	-	29.70	0.00	76.56
MW-6	09/26/13	106.26	-	29.78	0.00	76.48
MW-6	10/31/13	106.26	-	29.67	0.00	76.59
MW-6	11/26/13	106.26	-	29.69	0.00	76.57
MW-6	12/27/13	106.26	-	29.71	0.00	76.55
MW-6	01/31/14	3,507.14	-	29.62	0.00	3,477.52
MW-6	02/28/14	3,507.14	-	29.64	0.00	3,477.50
MW-6	03/28/14	3,507.14	-	29.66	0.00	3,477.48
MW-6	03/28/14	3,507.14	-	29.66	0.00	3,477.48
MW-6	06/30/14	3,507.14	-	29.97	0.00	3,477.17
MW-6	09/29/14	3,507.14	-	26.62	0.00	3,480.52
MW-6	11/10/14	3,507.14	-	27.25	0.00	3,479.89
MW-6	03/19/15	3,507.14	-	27.50	0.00	3,479.64
MW-6	06/02/15	3,507.14	-	27.41	0.00	3,479.73
MW-6	08/18/15	3,507.14	-	27.85	0.00	3,479.29

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-6	11/25/15	3,507.14	-	27.46	0.00	3,479.68
MW-6	02/11/16	3,507.14	-	27.52	0.00	3,479.62
MW-6	05/04/16	3,507.14	-	27.55	0.00	3,479.59
MW-6	08/11/16	3,507.14	-	27.59	0.00	3,479.55
MW-6	11/30/16	3,507.14	-	25.78	0.00	3,481.36
MW-6	03/29/17	3,507.14	-	26.13	0.00	3,481.01
MW-6	06/06/17	3,507.14	-	26.33	0.00	3,480.81
MW-6	07/10/17	3,507.14	-	26.56	0.00	3,480.58
MW-6	08/28/17	3,507.14	-	26.35	0.00	3,480.79
MW-6	09/15/17	3,507.14	-	27.12	0.00	3,480.02
MW-6	12/05/17	3,507.14	-	26.23	0.00	3,480.91
MW-6	12/20/17	3,507.14	-	26.32	0.00	3,480.82
MW-6	01/12/18	3,507.14	-	26.51	0.00	3,480.63
MW-6	02/21/18	3,507.14	-	26.57	0.00	3,480.57
MW-6	04/23/18	3,507.14	-	26.80	0.00	3,480.34
MW-6	05/30/18	3,507.14	-	26.90	0.00	3,480.24
MW-6	06/27/18	3,507.14	-	27.09	0.00	3,480.05
MW-6	07/30/18	3,507.14	-	27.29	0.00	3,479.85
MW-6	08/29/18	3,507.14	-	27.49	0.00	3,479.65
MW-6	10/08/18	3,507.14	-	26.92	0.00	3,480.22
MW-6	11/08/18	3,507.14	-	26.50	0.00	3,480.64
MW-6	12/26/18	3,507.14	-	26.65	0.00	3,480.49
MW-6	01/25/19	3,507.14	-	26.82	0.00	3,480.32
MW-6	02/27/19	3,507.14	-	26.91	0.00	3,480.23
MW-6	03/25/19	3,507.14	-	26.97	0.00	3,480.17
MW-6	04/29/19	3,507.14	-	26.81	0.00	3,480.33
MW-6	06/05/19	3,507.14	-	26.97	0.00	3,480.17
MW-6	06/27/19	3,507.14	-	27.16	0.00	3,479.98
MW-6	09/04/19	3,507.14	-	27.39	0.00	3,479.75
MW-6	10/03/19	3,507.14	-	27.04	0.00	3,480.10
MW-6	11/20/19	3,507.14	-	26.07	0.00	3,481.07
MW-7	10/17/95	106.27	-	32.20	0.00	74.07
MW-7	02/07/96	106.27	-	30.50	0.00	75.77
MW-7	04/03/96	106.27	-	30.40	0.00	75.87
MW-7	07/18/96	106.27	-	31.24	0.00	75.03
MW-7	10/02/96	106.27	-	31.80	0.00	74.47
MW-7	10/09/97	106.27	-	31.40	0.00	74.87

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-7	01/22/98	106.27	-	31.97	0.00	74.30
MW-7	02/18/98	106.27	-	31.78	0.00	74.49
MW-7	04/02/98	106.27	-	31.66	0.00	74.61
MW-7	05/05/98	106.27	-	31.61	0.00	74.66
MW-7	07/07/98	106.27	-	32.40	0.00	73.87
MW-7	10/02/98	106.27	-	32.75	0.00	73.52
MW-7	01/14/99	106.27	-	32.21	0.00	74.06
MW-7	04/15/99	106.27	-	32.00	0.00	74.27
MW-7	07/13/99	106.27	-	31.50	0.00	74.77
MW-7	08/11/99	106.27	-	31.95	0.00	74.32
MW-7	09/22/99	106.27	-	31.85	0.00	74.42
MW-7	10/28/99	106.27	-	31.55	0.00	74.72
MW-7	11/23/99	106.27	-	31.62	0.00	74.65
MW-7	12/17/99	106.27	-	31.67	0.00	74.60
MW-7	01/13/00	106.27	-	31.69	0.00	74.58
MW-7	02/15/00	106.27	-	31.70	0.00	74.57
MW-7	03/31/00	106.27	-	31.74	0.00	74.53
MW-7	04/27/00	106.27	-	31.69	0.00	74.58
MW-7	05/31/00	106.27	-	32.13	0.00	74.14
MW-7	06/30/00	106.27	-	32.25	0.00	74.02
MW-7	07/13/00	106.27	-	31.69	0.00	74.58
MW-7	08/30/00	106.27	-	32.12	0.00	74.15
MW-7	09/21/00	106.27	-	32.55	0.00	73.72
MW-7	10/03/00	106.27	-	32.69	0.00	73.58
MW-7	11/29/00	106.27	-	32.47	0.00	73.80
MW-7	12/13/00	106.27	-	32.35	0.00	73.92
MW-7	01/03/01	106.27	-	32.30	0.00	73.97
MW-7	02/06/01	106.27	-	32.21	0.00	74.06
MW-7	03/15/01	106.27	-	32.11	0.00	74.16
MW-7	04/05/01	106.27	-	32.00	0.00	74.27
MW-7	05/03/01	106.27	-	32.08	0.00	74.19
MW-7	06/02/01	106.27	-	32.32	0.00	73.95
MW-7	07/10/01	106.27	-	32.72	0.00	73.55
MW-7	10/02/01	106.27	-	32.53	0.00	73.74
MW-7	01/28/02	106.27	-	31.92	0.00	74.35
MW-7	02/25/02	106.27	-	31.16	0.00	75.11
MW-7	03/25/02	106.27	-	31.82	0.00	74.45
MW-7	04/10/02	106.27	-	31.66	0.00	74.61

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-7	05/16/02	106.27	-	31.44	0.00	74.83
MW-7	06/17/02	106.27	-	31.45	0.00	74.82
MW-7	07/02/02	106.27	-	31.40	0.00	74.87
MW-7	09/10/02	106.27	-	31.04	0.00	75.23
MW-7	10/08/02	106.27	-	31.22	0.00	75.05
MW-7	11/08/02	106.27	-	31.16	0.00	75.11
MW-7	01/28/03	106.27	-	30.99	0.00	75.28
MW-7	04/02/03	106.27	-	30.88	0.00	75.39
MW-7	07/08/03	106.27	-	31.48	0.00	74.79
MW-7	12/18/03	106.27	-	32.43	0.00	73.84
MW-7	06/03/04	106.27	-	30.70	0.00	75.57
MW-7	06/18/04	106.27	-	30.70	0.00	75.57
MW-7	07/12/04	106.27	-	30.62	0.00	75.65
MW-7	07/23/04	106.27	-	30.62	0.00	75.65
MW-7	09/03/04	106.27	-	30.66	0.00	75.61
MW-7	09/24/04	106.27	-	30.78	0.00	75.49
MW-7	09/30/04	106.27	-	30.65	0.00	75.62
MW-7	10/15/04	106.27	-	29.35	0.00	76.92
MW-7	11/09/04	106.27	-	29.42	0.00	76.85
MW-7	11/19/04	106.27	-	29.36	0.00	76.91
MW-7	12/07/04	106.27	-	28.98	0.00	77.29
MW-7	12/17/04	106.27	-	28.98	0.00	77.29
MW-7	01/07/05	106.27	-	28.94	0.00	77.33
MW-7	02/21/05	106.27	-	28.83	0.00	77.44
MW-7	03/29/05	106.27	-	28.71	0.00	77.56
MW-7	04/22/05	106.27	-	28.78	0.00	77.49
MW-7	05/06/05	106.27	-	28.57	0.00	77.70
MW-7	05/23/05	106.27	-	28.54	0.00	77.73
MW-7	08/16/05	106.27	-	28.77	0.00	77.50
MW-7	10/05/05	106.27	-	28.27	0.00	78.00
MW-7	11/18/05	106.27	-	28.04	0.00	78.23
MW-7	01/11/06	106.27	-	28.02	0.00	78.25
MW-7	02/17/06	106.27	-	28.26	0.00	78.01
MW-7	03/15/06	106.27	-	28.21	0.00	78.06
MW-7	04/11/06	106.27	-	28.53	0.00	77.74
MW-7	05/23/06	106.27	-	28.67	0.00	77.60
MW-7	08/09/06	106.27	-	28.55	0.00	77.72
MW-7	09/27/06	106.27	-	27.54	0.00	78.73

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-7	10/18/06	106.27	-	27.70	0.00	78.57
MW-7	11/22/06	106.27	-	27.86	0.00	78.41
MW-7	12/14/06	106.27	-	27.71	0.00	78.56
MW-7	01/11/07	106.27	-	27.75	0.00	78.52
MW-7	03/31/07	106.27	-	27.73	0.00	78.54
MW-7	08/01/07	106.27	-	27.69	0.00	78.58
MW-7	12/13/07	106.27	-	27.67	0.00	78.60
MW-7	01/10/08	106.27	-	27.70	0.00	78.57
MW-7	02/18/08	106.27	-	27.90	0.00	78.37
MW-7	03/31/08	106.27	-	28.00	0.00	78.27
MW-7	04/28/08	106.27	-	28.11	0.00	78.16
MW-7	05/29/08	106.27	-	28.18	0.00	78.09
MW-7	06/30/08	106.27	-	28.45	0.00	77.82
MW-7	07/29/08	106.27	-	28.74	0.00	77.53
MW-7	08/29/08	106.27	-	28.88	0.00	77.39
MW-7	09/30/08	106.27	-	28.39	0.00	77.88
MW-7	10/31/08	106.27	-	28.43	0.00	77.84
MW-7	11/26/08	106.27	-	28.22	0.00	78.05
MW-7	12/30/08	106.27	-	28.20	0.00	78.07
MW-7	01/30/09	106.27	-	28.52	0.00	77.75
MW-7	02/26/09	106.27	-	28.27	0.00	78.00
MW-7	03/31/09	106.27	-	28.41	0.00	77.86
MW-7	04/30/09	106.27	-	28.44	0.00	77.83
MW-7	05/29/09	106.27	-	28.64	0.00	77.63
MW-7	06/26/09	106.27	-	28.77	0.00	77.50
MW-7	07/31/09	106.27	-	28.98	0.00	77.29
MW-7	08/28/09	106.27	-	29.05	0.00	77.22
MW-7	09/25/09	106.27	-	29.20	0.00	77.07
MW-7	10/30/09	106.27	-	29.39	0.00	76.88
MW-7	11/27/09	106.27	-	29.43	0.00	76.84
MW-7	12/21/09	106.27	-	29.37	0.00	76.90
MW-7	01/29/10	106.27	-	29.56	0.00	76.71
MW-7	02/26/10	106.27	-	29.45	0.00	76.82
MW-7	03/26/10	106.27	-	29.26	0.00	77.01
MW-7	04/30/10	106.27	-	29.22	0.00	77.05
MW-7	05/27/10	106.27	-	29.39	0.00	76.88
MW-7	06/30/10	106.27	-	29.61	0.00	76.66
MW-7	07/30/10	106.27	-	27.73	0.00	78.54

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-7	08/26/10	106.27	-	27.86	0.00	78.41
MW-7	09/28/10	106.27	-	27.95	0.00	78.32
MW-7	10/29/10	106.27	-	28.21	0.00	78.06
MW-7	11/29/10	106.27	-	28.31	0.00	77.96
MW-7	12/29/10	106.27	-	28.35	0.00	77.92
MW-7	01/28/11	106.27	-	28.74	0.00	77.53
MW-7	02/25/11	106.27	-	28.93	0.00	77.34
MW-7	03/25/11	106.27	-	29.03	0.00	77.24
MW-7	04/29/11	106.27	-	29.49	0.00	76.78
MW-7	05/31/11	106.27	-	29.69	0.00	76.58
MW-7	06/29/11	106.27	-	29.95	0.00	76.32
MW-7	07/29/11	106.27	-	30.23	0.00	76.04
MW-7	08/31/11	106.27	-	30.48	0.00	75.79
MW-7	09/30/11	106.27	-	30.67	0.00	75.60
MW-7	10/28/11	106.27	-	30.72	0.00	75.55
MW-7	11/30/11	106.27	-	29.74	0.00	76.53
MW-7	12/30/11	106.27	-	29.82	0.00	76.45
MW-7	01/31/12	106.27	-	29.76	0.00	76.51
MW-7	02/28/12	106.27	-	29.70	0.00	76.57
MW-7	03/30/12	106.27	-	29.75	0.00	76.52
MW-7	04/27/12	106.27	-	29.46	0.00	76.81
MW-7	05/30/12	106.27	-	29.83	0.00	76.44
MW-7	06/27/12	106.27	-	29.82	0.00	76.45
MW-7	07/26/12	106.27	-	29.97	0.00	76.30
MW-7	08/31/12	106.27	-	30.15	0.00	76.12
MW-7	09/27/12	106.27	-	30.28	0.00	75.99
MW-7	10/26/12	106.27	-	30.10	0.00	76.17
MW-7	11/30/12	106.27	-	30.02	0.00	76.25
MW-7	12/27/12	106.27	-	29.95	0.00	76.32
MW-7	01/31/13	106.27	-	30.10	0.00	76.17
MW-7	02/28/13	106.27	-	30.14	0.00	76.13
MW-7	03/28/13	106.27	-	30.08	0.00	76.19
MW-7	04/26/13	106.27	-	30.09	0.00	76.18
MW-7	05/24/13	106.27	-	30.19	0.00	76.08
MW-7	06/27/13	106.27	-	30.34	0.00	75.93
MW-7	07/26/13	106.27	-	30.45	0.00	75.82
MW-7	08/29/13	106.27	-	30.51	0.00	75.76
MW-7	09/26/13	106.27	-	30.58	0.00	75.69

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-7	10/31/13	106.27	-	30.53	0.00	75.74
MW-7	11/26/13	106.27	-	31.49	0.00	74.78
MW-7	12/27/13	106.27	-	29.45	0.00	76.82
MW-7	01/31/14	3,507.86	-	30.34	0.00	3,477.52
MW-7	02/28/14	3,507.86	-	30.35	0.00	3,477.51
MW-7	03/28/14	3,507.86	-	30.37	0.00	3,477.49
MW-7	06/30/14	3,507.86	-	30.74	0.00	3,477.12
MW-7	09/29/14	3,507.86	-	28.70	0.00	3,479.16
MW-7	11/10/14	3,507.86	-	28.31	0.00	3,479.55
MW-7	03/19/15	3,507.86	-	29.16	0.00	3,478.70
MW-7	06/02/15	3,507.86	-	28.28	0.00	3,479.58
MW-7	08/18/15	3,507.86	-	28.70	0.00	3,479.16
MW-7	11/25/15	3,507.86	-	28.40	0.00	3,479.46
MW-7	02/11/16	3,507.86	-	28.40	0.00	3,479.46
MW-7	05/04/16	3,507.86	-	28.35	0.00	3,479.51
MW-7	08/11/16	3,507.86	-	28.13	0.00	3,479.73
MW-7	11/30/16	3,507.86	-	26.77	0.00	3,481.09
MW-7	03/29/17	3,507.86	-	26.97	0.00	3,480.89
MW-7	06/07/17	3,507.86	-	27.17	0.00	3,480.69
MW-7	07/10/17	3,507.86	-	27.38	0.00	3,480.48
MW-7	08/28/17	3,507.86	-	27.30	0.00	3,480.56
MW-7	09/15/17	3,507.86	-	26.14	0.00	3,481.72
MW-7	12/05/17	3,507.86	-	27.08	0.00	3,480.78
MW-7	12/20/17	3,507.86	-	27.13	0.00	3,480.73
MW-7	01/12/18	3,507.86	-	27.28	0.00	3,480.58
MW-7	02/21/18	3,507.86	-	27.34	0.00	3,480.52
MW-7	04/23/18	3,507.86	-	27.52	0.00	3,480.34
MW-7	05/30/18	3,507.86	-	27.66	0.00	3,480.20
MW-7	06/27/18	3,507.86	-	27.86	0.00	3,480.00
MW-7	07/30/18	3,507.86	-	28.10	0.00	3,479.76
MW-7	08/29/18	3,507.86	-	28.31	0.00	3,479.55
MW-7	10/08/18	3,507.86	-	27.86	0.00	3,480.00
MW-7	11/08/18	3,507.86	-	27.56	0.00	3,480.30
MW-7	12/26/18	3,507.86	-	27.47	0.00	3,480.39
MW-7	01/25/19	3,507.86	-	27.58	0.00	3,480.28
MW-7	02/27/19	3,507.86	-	27.65	0.00	3,480.21
MW-7	03/25/19	3,507.86	-	27.68	0.00	3,480.18
MW-7	04/29/19	3,507.86	-	27.57	0.00	3,480.29

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-7	06/05/19	3,507.86	-	27.73	0.00	3,480.13
MW-7	06/27/19	3,507.86	-	27.94	0.00	3,479.92
MW-7	09/04/19	3,507.86	-	28.23	0.00	3,479.63
MW-7	10/03/19	3,507.86	-	28.00	0.00	3,479.86
MW-7	11/20/19	3,507.86	-	27.27	0.00	3,480.59
MW-8	10/17/95	107.44	31.62	33.22	1.60	75.58
MW-8	04/03/96	107.44	-	30.37	0.00	77.07
MW-8	06/12/96	107.44	30.29	30.35	0.06	77.14
MW-8	06/20/96	107.44	-	30.63	0.00	76.81
MW-8	06/27/96	107.44	-	30.77	0.00	76.67
MW-8	07/05/96	107.44	-	31.70	0.00	75.74
MW-8	07/18/96	107.44	-	30.85	0.00	76.59
MW-8	08/01/96	107.44	-	31.13	0.00	76.31
MW-8	10/02/96	107.44	-	31.40	0.00	76.04
MW-8	10/09/96	107.44	-	32.34	0.00	75.10
MW-8	11/08/97	107.44	-	32.16	0.00	75.28
MW-8	01/22/98	107.44	-	31.56	0.00	75.88
MW-8	02/18/98	107.44	-	32.68	0.00	74.76
MW-8	04/02/98	107.44	-	32.54	0.00	74.90
MW-8	05/05/98	107.44	-	32.49	0.00	74.95
MW-8	07/07/98	107.44	-	33.37	0.00	74.07
MW-8	10/02/98	107.44	-	32.75	0.00	74.69
MW-8	01/14/99	107.44	-	32.21	0.00	75.23
MW-8	04/15/99	107.44	-	32.00	0.00	75.44
MW-8	07/13/99	107.44	-	31.50	0.00	75.94
MW-8	08/11/99	107.44	-	31.95	0.00	75.49
MW-8	09/22/99	107.44	-	31.85	0.00	75.59
MW-8	10/28/99	107.44	-	31.55	0.00	75.89
MW-8	11/23/99	107.44	-	31.62	0.00	75.82
MW-8	12/17/99	107.44	-	31.65	0.00	75.79
MW-8	01/13/00	107.44	-	32.57	0.00	74.87
MW-8	02/15/00	107.44	-	31.51	0.00	75.93
MW-8	03/31/00	107.44	-	32.60	0.00	74.84
MW-8	04/27/00	107.44	-	32.52	0.00	74.92
MW-8	05/31/00	107.44	-	33.02	0.00	74.42
MW-8	06/30/00	107.44	-	33.10	0.00	74.34
MW-8	07/13/00	107.44	-	32.58	0.00	74.86

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-8	08/30/00	107.44	-	33.10	0.00	74.34
MW-8	09/21/00	107.44	-	33.50	0.00	73.94
MW-8	10/03/00	107.44	-	33.63	0.00	73.81
MW-8	11/29/00	107.44	-	33.07	0.00	74.37
MW-8	12/13/00	107.44	-	33.22	0.00	74.22
MW-8	01/03/01	107.44	-	33.18	0.00	74.26
MW-8	02/06/01	107.44	-	33.05	0.00	74.39
MW-8	03/15/01	107.44	-	32.91	0.00	74.53
MW-8	04/05/01	107.44	-	32.80	0.00	74.64
MW-8	05/03/01	107.44	-	32.87	0.00	74.57
MW-8	06/02/01	107.44	-	33.12	0.00	74.32
MW-8	07/10/01	107.44	-	33.92	0.00	73.52
MW-8	10/02/01	107.44	-	33.92	0.00	73.52
MW-8	01/28/02	107.44	-	32.73	0.00	74.71
MW-8	02/25/02	107.44	-	32.65	0.00	74.79
MW-8	03/25/02	107.44	-	32.65	0.00	74.79
MW-8	04/10/02	107.44	-	32.43	0.00	75.01
MW-8	05/16/02	107.44	-	32.25	0.00	75.19
MW-8	06/17/02	107.44	-	32.31	0.00	75.13
MW-8	07/02/02	107.44	-	32.26	0.00	75.18
MW-8	09/10/02	107.44	-	32.27	0.00	75.17
MW-8	10/08/02	107.44	-	32.20	0.00	75.24
MW-8	11/08/02	107.44	-	32.07	0.00	75.37
MW-8	01/28/03	107.44	-	32.00	0.00	75.44
MW-8	04/02/03	107.44	-	31.75	0.00	75.69
MW-8	07/08/03	107.44	-	32.45	0.00	74.99
MW-8	12/18/03	107.44	-	33.36	0.00	74.08
MW-8	06/03/04	107.44	-	31.68	0.00	75.76
MW-8	06/18/04	107.44	-	31.66	0.00	75.78
MW-8	07/12/04	107.44	-	31.56	0.00	75.88
MW-8	07/23/04	107.44	-	31.55	0.00	75.89
MW-8	09/03/04	107.44	-	31.62	0.00	75.82
MW-8	09/24/04	107.44	-	31.84	0.00	75.60
MW-8	09/30/04	107.44	-	31.57	0.00	75.87
MW-8	10/15/04	107.44	-	30.54	0.00	76.90
MW-8	11/09/04	107.44	-	30.60	0.00	76.84
MW-8	11/19/04	107.44	-	30.37	0.00	77.07
MW-8	12/07/04	107.44	-	30.06	0.00	77.38

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-8	12/17/04	107.44	-	30.01	0.00	77.43
MW-8	01/07/05	107.44	-	29.95	0.00	77.49
MW-8	02/21/05	107.44	-	29.71	0.00	77.73
MW-8	03/29/05	107.44	-	29.56	0.00	77.88
MW-8	04/22/05	107.44	-	29.66	0.00	77.78
MW-8	05/06/05	107.44	-	29.42	0.00	78.02
MW-8	05/23/05	107.44	-	29.40	0.00	78.04
MW-8	08/16/05	107.44	-	29.62	0.00	77.82
MW-8	10/05/05	107.44	-	29.16	0.00	78.28
MW-8	11/18/05	107.44	-	28.29	0.00	79.15
MW-8	01/11/06	107.44	-	28.86	0.00	78.58
MW-8	02/17/06	107.44	-	29.23	0.00	78.21
MW-8	03/15/06	107.44	-	29.12	0.00	78.32
MW-8	11/04/06	107.44	-	29.21	0.00	78.23
MW-8	05/23/06	107.44	-	29.39	0.00	78.05
MW-8	08/09/06	107.44	-	27.16	0.00	80.28
MW-8	09/27/06	107.44	-	28.67	0.00	78.77
MW-8	10/18/06	107.44	-	28.79	0.00	78.65
MW-8	11/22/06	107.44	-	28.71	0.00	78.73
MW-8	12/14/06	107.44	-	28.79	0.00	78.65
MW-8	01/11/07	107.44	-	28.78	0.00	78.66
MW-8	03/31/07	107.44	-	28.69	0.00	78.75
MW-8	08/01/07	107.44	-	28.60	0.00	78.84
MW-8	12/13/07	107.44	-	28.52	0.00	78.92
MW-8	01/10/08	107.44	-	28.55	0.00	78.89
MW-8	02/18/08	107.44	-	28.85	0.00	78.59
MW-8	03/31/08	107.44	-	28.81	0.00	78.63
MW-8	04/28/08	107.44	-	29.03	0.00	78.41
MW-8	05/29/08	107.44	-	29.06	0.00	78.38
MW-8	06/30/08	107.44	-	29.31	0.00	78.13
MW-8	07/29/08	107.44	-	27.81	0.00	79.63
MW-8	08/29/08	107.44	-	29.70	0.00	77.74
MW-8	09/30/08	107.44	-	29.31	0.00	78.13
MW-8	10/31/08	107.44	-	29.20	0.00	78.24
MW-8	11/26/08	107.44	-	29.13	0.00	78.31
MW-8	12/30/08	107.44	-	29.09	0.00	78.35
MW-8	01/30/09	107.44	-	29.28	0.00	78.16
MW-8	02/26/09	107.44	-	29.15	0.00	78.29

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-8	03/31/09	107.44	-	29.30	0.00	78.14
MW-8	04/30/09	107.44	-	29.31	0.00	78.13
MW-8	05/29/09	107.44	-	29.52	0.00	77.92
MW-8	06/26/09	107.44	-	29.66	0.00	77.78
MW-8	07/31/09	107.44	-	29.83	0.00	77.61
MW-8	08/28/09	107.44	-	29.91	0.00	77.53
MW-8	09/25/09	107.44	-	30.07	0.00	77.37
MW-8	10/30/09	107.44	-	30.26	0.00	77.18
MW-8	11/27/09	107.44	-	30.28	0.00	77.16
MW-8	12/21/09	107.44	-	30.16	0.00	77.28
MW-8	01/29/10	107.44	-	30.39	0.00	77.05
MW-8	02/26/10	107.44	-	30.31	0.00	77.13
MW-8	03/26/10	107.44	-	30.06	0.00	77.38
MW-8	04/30/10	107.44	-	30.02	0.00	77.42
MW-8	05/27/10	107.44	-	30.19	0.00	77.25
MW-8	06/30/10	107.44	-	30.46	0.00	76.98
MW-8	07/30/10	107.44	-	28.52	0.00	78.92
MW-8	08/26/10	107.44	-	28.59	0.00	78.85
MW-8	09/28/10	107.44	-	28.67	0.00	78.77
MW-8	10/29/10	107.44	-	28.97	0.00	78.47
MW-8	11/29/10	107.44	-	29.08	0.00	78.36
MW-8	12/29/10	107.44	-	29.04	0.00	78.40
MW-8	01/28/11	107.44	-	29.52	0.00	77.92
MW-8	02/25/11	107.44	-	29.72	0.00	77.72
MW-8	03/25/11	107.44	-	29.12	0.00	78.32
MW-8	04/29/11	107.44	-	30.32	0.00	77.12
MW-8	05/31/11	107.44	-	30.54	0.00	76.90
MW-8	06/29/11	107.44	-	30.78	0.00	76.66
MW-8	07/29/11	107.44	-	31.10	0.00	76.34
MW-8	08/31/11	107.44	-	31.38	0.00	76.06
MW-8	09/30/11	107.44	-	31.55	0.00	75.89
MW-8	10/28/11	107.44	-	31.63	0.00	75.81
MW-8	11/30/11	107.44	-	30.58	0.00	76.86
MW-8	12/30/11	107.44	-	30.67	0.00	76.77
MW-8	01/31/12	107.44	-	30.56	0.00	76.88
MW-8	02/28/12	107.44	-	30.55	0.00	76.89
MW-8	03/30/12	107.44	-	30.54	0.00	76.90
MW-8	04/27/12	107.44	-	30.56	0.00	76.88

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-8	05/30/12	107.44	-	30.63	0.00	76.81
MW-8	06/27/12	107.44	-	30.64	0.00	76.80
MW-8	07/26/12	107.44	-	30.84	0.00	76.60
MW-8	08/31/12	107.44	-	31.01	0.00	76.43
MW-8	09/27/12	107.44	-	31.13	0.00	76.31
MW-8	10/26/12	107.44	-	31.00	0.00	76.44
MW-8	11/30/12	107.44	-	30.87	0.00	76.57
MW-8	12/27/12	107.44	-	30.78	0.00	76.66
MW-8	01/31/13	107.44	-	30.95	0.00	76.49
MW-8	02/28/13	107.44	-	30.98	0.00	76.46
MW-8	03/28/13	107.44	-	30.89	0.00	76.55
MW-8	04/26/13	107.44	-	30.91	0.00	76.53
MW-8	05/24/13	107.44	-	31.01	0.00	76.43
MW-8	06/27/13	107.44	-	31.20	0.00	76.24
MW-8	07/26/13	107.44	-	31.31	0.00	76.13
MW-8	08/29/13	107.44	-	31.38	0.00	76.06
MW-8	09/26/13	107.44	-	31.44	0.00	76.00
MW-8	10/31/13	107.44	-	31.40	0.00	76.04
MW-8	11/26/13	107.44	-	31.34	0.00	76.10
MW-8	12/27/13	107.44	-	31.29	0.00	76.15
MW-8	01/31/14	3,509.52	-	31.15	0.00	3,478.37
MW-8	02/28/14	3,509.52	-	31.16	0.00	3,478.36
MW-8	03/28/14	3,509.52	-	31.18	0.00	3,478.34
MW-8	06/30/14	3,509.52	-	31.61	0.00	3,477.91
MW-8	11/10/14	3,509.52	-	29.04	0.00	3,480.48
MW-8	03/19/15	3,509.52	-	29.28	0.00	3,480.24
MW-8	06/02/15	3,509.52	-	29.27	0.00	3,480.25
MW-8	08/19/15	3,509.52	-	29.67	0.00	3,479.85
MW-8	12/15/15	3,509.52	30.78	30.88	0.10	3,478.73
MW-8	02/15/16	3,509.52	-	29.25	0.00	3,480.27
MW-8	01/05/16	3,509.52	38.71	38.88	0.17	3,470.78
MW-8	02/02/16	3,509.52	-	29.30	0.00	3,480.22
MW-8	04/28/14	3,509.52	-	30.20	0.00	3,479.32
MW-8	05/04/16	3,509.52	-	29.30	0.00	3,480.22
MW-8	05/16/16	3,509.52	-	29.17	0.00	3,480.35
MW-8	05/25/16	3,509.52	-	29.20	0.00	3,480.32
MW-8	06/16/16	3,509.52	-	29.35	0.00	3,480.17
MW-8	07/01/16	3,509.52	-	29.45	0.00	3,480.07

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-8	07/15/16	3,509.52	-	29.42	0.00	3,480.10
MW-8	07/29/16	3,509.52	-	29.48	0.00	3,480.04
MW-8	08/11/16	3,509.52	-	30.36	0.00	3,479.16
MW-8	09/06/16	3,509.52	-	29.43	0.00	3,480.09
MW-8	11/30/16	3,509.52	-	27.50	0.00	3,482.02
MW-8	03/29/17	3,509.52	-	27.85	0.00	3,481.67
MW-8	06/06/17	3,509.52	-	28.00	0.00	3,481.52
MW-8	07/10/17	3,509.52	-	28.26	0.00	3,481.26
MW-8	08/28/17	3,509.52	-	28.10	0.00	3,481.42
MW-8	09/15/17	3,509.52	-	28.15	0.00	3,481.37
MW-8	12/04/17	3,509.52	-	28.14	0.00	3,481.38
MW-8	12/20/17	3,509.52	-	28.00	0.00	3,481.52
MW-8	01/12/18	3,509.52	-	28.19	0.00	3,481.33
MW-8	02/20/18	3,509.52	-	28.22	0.00	3,481.30
MW-8	04/23/18	3,509.52	-	28.40	0.00	3,481.12
MW-8	05/30/18	3,509.52	-	28.54	0.00	3,480.98
MW-8	06/27/18	3,509.52	-	28.75	0.00	3,480.77
MW-8	07/30/18	3,509.52	-	29.01	0.00	3,480.51
MW-8	08/28/18	3,509.52	-	29.28	0.00	3,480.24
MW-8	10/08/18	3,509.52	-	28.75	0.00	3,480.77
MW-8	11/07/18	3,509.52	-	28.50	0.00	3,481.02
MW-8	12/26/18	3,509.52	-	28.86	0.00	3,480.66
MW-8	01/25/19	3,509.52	-	28.45	0.00	3,481.07
MW-8	02/01/19	3,509.52	-	28.45	0.00	3,481.07
MW-8	02/26/19	3,509.52	-	28.53	0.00	3,480.99
MW-8	03/25/19	3,509.52	-	28.57	0.00	3,480.95
MW-8	04/29/19	3,509.52	-	28.44	0.00	3,481.08
MW-8	06/04/19	3,509.52	-	28.59	0.00	3,480.93
MW-8	06/27/19	3,509.52	-	28.83	0.00	3,480.69
MW-8	09/04/19	3,509.52	-	29.13	0.00	3,480.39
MW-8	10/03/19	3,509.52	-	28.92	0.00	3,480.60
MW-8	11/19/19	3,509.52	-	28.17	0.00	3,481.35
MW-9	10/17/95	97.21	-	31.14	0.00	66.07
MW-9	02/07/96	97.21	-	28.76	0.00	68.45
MW-9	04/03/96	97.21	-	28.82	0.00	68.39
MW-9	07/18/96	97.21	-	29.65	0.00	67.56
MW-9	10/02/96	97.21	-	30.16	0.00	67.05

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-9	10/09/97	97.21	-	30.19	0.00	67.02
MW-9	01/22/98	97.21	-	30.78	0.00	66.43
MW-9	04/02/98	97.21	-	30.59	0.00	66.62
MW-9	05/05/98	97.21	-	30.57	0.00	66.64
MW-9	07/07/98	97.21	-	31.33	0.00	65.88
MW-9	10/02/98	97.21	-	31.70	0.00	65.51
MW-9	01/14/99	97.21	-	31.28	0.00	65.93
MW-9	04/15/99	97.21	-	30.93	0.00	66.28
MW-9	07/13/99	97.21	-	30.38	0.00	66.83
MW-9	08/11/99	97.21	-	30.89	0.00	66.32
MW-9	09/22/99	97.21	-	30.06	0.00	67.15
MW-9	10/28/99	97.21	-	30.42	0.00	66.79
MW-9	11/23/99	97.21	-	30.58	0.00	66.63
MW-9	12/17/99	97.21	-	30.62	0.00	66.59
MW-9	01/13/00	97.21	-	30.64	0.00	66.57
MW-9	02/15/00	97.21	-	30.69	0.00	66.52
MW-9	03/31/00	97.21	-	30.75	0.00	66.46
MW-9	04/27/00	97.21	-	30.66	0.00	66.55
MW-9	05/31/00	97.21	-	31.06	0.00	66.15
MW-9	06/30/00	97.21	-	27.43	0.00	69.78
MW-9	07/13/00	97.21	-	27.33	0.00	69.88
MW-9	04/05/01	97.21	-	30.29	0.00	66.92
MW-9	05/03/01	97.21	-	30.37	0.00	66.84
MW-9	06/02/01	97.21	-	30.61	0.00	66.60
MW-9	07/10/01	97.21	-	30.86	0.00	66.35
MW-9	10/02/01	97.21	-	30.29	0.00	66.92
MW-9	01/28/02	97.21	-	30.21	0.00	67.00
MW-9	02/25/02	97.21	-	30.20	0.00	67.01
MW-9	03/25/02	97.21	-	30.10	0.00	67.11
MW-9	10/04/02	97.21	-	29.70	0.00	67.51
MW-9	05/16/02	97.21	-	29.51	0.00	67.70
MW-9	06/17/02	97.21	-	29.65	0.00	67.56
MW-9	07/02/02	97.21	-	29.36	0.00	67.85
MW-9	09/10/02	97.21	-	28.83	0.00	68.38
MW-9	10/08/02	97.21	-	29.13	0.00	68.08
MW-9	11/08/02	97.21	-	28.65	0.00	68.56
MW-9	01/28/03	97.21	-	28.96	0.00	68.25
MW-9	04/02/03	97.21	-	29.07	0.00	68.14

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-9	07/08/03	97.21	-	29.63	0.00	67.58
MW-9	12/18/03	97.21	-	30.71	0.00	66.50
MW-9	05/06/04	97.21	-	27.31	0.00	69.90
MW-9	05/21/04	97.21	-	27.32	0.00	69.89
MW-9	06/03/04	97.21	-	27.52	0.00	69.69
MW-9	06/18/04	97.21	-	27.62	0.00	69.59
MW-9	07/12/04	97.21	-	27.58	0.00	69.63
MW-9	07/23/04	97.21	-	27.73	0.00	69.48
MW-9	06/03/04	97.21	-	27.76	0.00	69.45
MW-9	09/24/04	97.21	-	28.10	0.00	69.11
MW-9	09/30/04	97.21	-	27.86	0.00	69.35
MW-9	10/15/04	97.21	-	25.19	0.00	72.02
MW-9	11/09/04	97.21	-	25.52	0.00	71.69
MW-9	11/19/04	97.21	-	25.54	0.00	71.67
MW-9	12/08/04	97.21	-	25.16	0.00	72.05
MW-9	12/17/04	97.21	-	25.27	0.00	71.94
MW-9	01/07/05	97.21	-	25.44	0.00	71.77
MW-9	02/21/05	97.21	-	25.76	0.00	71.45
MW-9	03/29/05	97.21	-	25.78	0.00	71.43
MW-9	04/22/05	97.21	-	25.98	0.00	71.23
MW-9	05/06/05	97.21	-	25.88	0.00	71.33
MW-9	05/23/05	97.21	-	25.83	0.00	71.38
MW-9	08/16/05	97.21	-	26.35	0.00	70.86
MW-9	10/05/05	97.21	-	25.78	0.00	71.43
MW-9	11/18/05	97.21	-	25.61	0.00	71.60
MW-9	01/11/06	97.21	-	25.75	0.00	71.46
MW-9	02/17/06	97.21	-	26.03	0.00	71.18
MW-9	03/15/06	97.21	-	25.96	0.00	71.25
MW-9	04/11/06	97.21	-	25.91	0.00	71.30
MW-9	05/23/06	97.21	-	26.15	0.00	71.06
MW-9	08/09/06	97.21	-	26.25	0.00	70.96
MW-9	09/27/06	97.21	-	25.18	0.00	72.03
MW-9	10/18/06	97.21	-	27.77	0.00	69.44
MW-9	11/22/06	97.21	-	25.43	0.00	71.78
MW-9	12/14/06	97.21	-	25.54	0.00	71.67
MW-9	01/11/07	97.21	-	25.59	0.00	71.62
MW-9	03/31/07	97.21	-	25.50	0.00	71.71
MW-9	08/01/07	97.21	-	25.42	0.00	71.79

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-9	12/13/07	97.21	-	25.31	0.00	71.90
MW-9	10/10/08	97.21	-	25.35	0.00	71.86
MW-9	02/18/08	97.21	-	25.65	0.00	71.56
MW-9	03/31/08	97.21	-	25.70	0.00	71.51
MW-9	04/28/08	97.21	-	26.83	0.00	70.38
MW-9	05/29/08	97.21	-	25.89	0.00	71.32
MW-9	06/30/08	97.21	-	26.25	0.00	70.96
MW-9	07/29/08	97.21	-	26.55	0.00	70.66
MW-9	08/29/08	97.21	-	26.56	0.00	70.65
MW-9	09/30/08	97.21	-	26.15	0.00	71.06
MW-9	10/31/08	97.21	-	26.10	0.00	71.11
MW-9	11/26/08	97.21	-	26.31	0.00	70.90
MW-9	12/31/08	97.21	-	26.46	0.00	70.75
MW-9	01/30/09	97.21	-	26.42	0.00	70.79
MW-9	02/26/09	97.21	-	26.38	0.00	70.83
MW-9	03/31/09	97.21	-	26.55	0.00	70.66
MW-9	04/30/09	97.21	-	26.59	0.00	70.62
MW-9	05/29/09	97.21	-	26.78	0.00	70.43
MW-9	06/26/09	97.21	-	26.92	0.00	70.29
MW-9	07/31/09	97.21	-	27.06	0.00	70.15
MW-9	08/28/09	97.21	-	27.23	0.00	69.98
MW-9	09/25/09	97.21	-	27.41	0.00	69.80
MW-9	10/30/09	97.21	-	27.61	0.00	69.60
MW-9	11/27/09	97.21	-	27.68	0.00	69.53
MW-9	12/21/09	97.21	-	27.71	0.00	69.50
MW-9	01/29/10	97.21	-	27.86	0.00	69.35
MW-9	02/26/10	97.21	-	27.81	0.00	69.40
MW-9	03/26/10	97.21	-	27.71	0.00	69.50
MW-9	04/30/10	97.21	-	27.69	0.00	69.52
MW-9	05/27/10	97.21	-	27.87	0.00	69.34
MW-9	06/30/10	97.21	-	28.03	0.00	69.18
MW-9	07/30/10	97.21	-	25.74	0.00	71.47
MW-9	08/26/10	97.21	-	26.37	0.00	70.84
MW-9	09/28/10	97.21	-	26.75	0.00	70.46
MW-9	10/29/10	97.21	-	27.08	0.00	70.13
MW-9	11/29/10	97.21	-	27.21	0.00	70.00
MW-9	12/29/10	97.21	-	27.31	0.00	69.90
MW-9	01/28/11	97.21	-	27.66	0.00	69.55

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-9	02/25/11	97.21	-	27.81	0.00	69.40
MW-9	03/25/11	97.21	-	27.94	0.00	69.27
MW-9	04/29/11	97.21	-	28.25	0.00	68.96
MW-9	05/31/11	97.21	-	28.43	0.00	68.78
MW-9	06/29/11	97.21	-	28.62	0.00	68.59
MW-9	07/29/11	97.21	-	28.84	0.00	68.37
MW-9	08/31/11	97.21	-	29.04	0.00	68.17
MW-9	09/30/11	97.21	-	29.21	0.00	68.00
MW-9	10/28/11	97.21	-	29.30	0.00	67.91
MW-9	11/30/11	97.21	-	28.41	0.00	68.80
MW-9	12/30/11	97.21	-	28.49	0.00	68.72
MW-9	01/31/12	97.21	-	28.47	0.00	68.74
MW-9	02/28/12	97.21	-	28.49	0.00	68.72
MW-9	03/30/12	97.21	-	28.50	0.00	68.71
MW-9	04/27/12	97.21	-	28.53	0.00	68.68
MW-9	05/30/12	97.21	-	28.62	0.00	68.59
MW-9	06/27/12	97.21	-	28.54	0.00	68.67
MW-9	07/26/12	97.21	-	28.71	0.00	68.50
MW-9	08/31/12	97.21	-	28.87	0.00	68.34
MW-9	09/27/12	97.21	-	28.97	0.00	68.24
MW-9	10/26/12	97.21	-	29.00	0.00	68.21
MW-9	11/30/12	97.21	-	28.98	0.00	68.23
MW-9	12/27/12	97.21	-	28.96	0.00	68.25
MW-9	01/31/13	97.21	-	29.00	0.00	68.21
MW-9	02/28/13	97.21	-	29.03	0.00	68.18
MW-9	03/28/13	97.21	-	29.00	0.00	68.21
MW-9	04/26/13	97.21	-	29.03	0.00	68.18
MW-9	05/24/13	97.21	-	29.08	0.00	68.13
MW-9	06/27/13	97.21	-	29.19	0.00	68.02
MW-9	07/16/13	97.21	-	29.31	0.00	67.90
MW-9	08/29/13	97.21	-	29.43	0.00	67.78
MW-9	09/26/13	97.21	-	29.54	0.00	67.67
MW-9	10/31/13	97.21	-	29.60	0.00	67.61
MW-9	11/26/13	97.21	-	29.62	0.00	67.59
MW-9	12/27/13	97.21	-	29.63	0.00	67.58
MW-9	01/31/14	3,497.67	-	29.56	0.00	3,468.11
MW-9	02/28/14	3,497.67	-	29.56	0.00	3,468.11
MW-9	03/28/14	3,497.67	-	29.56	0.00	3,468.11

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-9	06/30/14	3,497.67	-	29.80	0.00	3,467.87
MW-9	09/29/14	3,497.67	-	25.48	0.00	3,472.19
MW-9	11/10/14	3,497.67	-	26.98	0.00	3,470.69
MW-9	03/19/15	3,497.67	-	28.06	0.00	3,469.61
MW-9	06/02/15	3,497.67	-	27.78	0.00	3,469.89
MW-9	08/18/15	3,497.67	-	28.18	0.00	3,469.49
MW-9	11/25/15	3,497.67	-	27.97	0.00	3,469.70
MW-9	02/11/16	3,497.67	-	27.92	0.00	3,469.75
MW-9	05/06/16	3,497.67	-	27.80	0.00	3,469.87
MW-9	08/15/16	3,497.67	-	27.82	0.00	3,469.85
MW-9	12/01/16	3,497.67	-	25.87	0.00	3,471.80
MW-9	03/07/17	3,497.67	-	26.35	0.00	3,471.32
MW-9	06/06/17	3,497.67	-	26.53	0.00	3,471.14
MW-9	07/10/17	3,497.67	-	28.60	0.00	3,469.07
MW-9	08/28/17	3,497.67	-	26.57	0.00	3,471.10
MW-9	09/15/17	3,497.67	-	26.51	0.00	3,471.16
MW-9	12/04/17	3,497.67	-	26.45	0.00	3,471.22
MW-9	12/20/17	3,497.67	-	26.38	0.00	3,471.29
MW-9	01/12/18	3,497.67	-	26.46	0.00	3,471.21
MW-9	02/20/18	3,497.67	-	26.54	0.00	3,471.13
MW-9	04/23/18	3,497.67	-	26.68	0.00	3,470.99
MW-9	05/30/18	3,497.67	-	26.98	0.00	3,470.69
MW-9	06/27/18	3,497.67	-	27.30	0.00	3,470.37
MW-9	07/30/18	3,497.67	-	27.57	0.00	3,470.10
MW-9	08/28/18	3,497.67	-	27.76	0.00	3,469.91
MW-9	10/08/18	3,497.67	-	27.63	0.00	3,470.04
MW-9	11/07/18	3,497.67	-	27.19	0.00	3,470.48
MW-9	12/26/18	3,497.67	-	27.06	0.00	3,470.61
MW-9	01/25/19	3,497.67	-	27.15	0.00	3,470.52
MW-9	02/26/19	3,497.67	-	27.17	0.00	3,470.50
MW-9	03/25/19	3,497.67	-	27.12	0.00	3,470.55
MW-9	04/29/19	3,497.67	-	27.05	0.00	3,470.62
MW-9	06/04/19	3,497.67	-	27.30	0.00	3,470.37
MW-9	06/27/19	3,497.67	-	27.63	0.00	3,470.04
MW-9	09/04/19	3,497.67	-	28.02	0.00	3,469.65
MW-9	10/03/19	3,497.67	-	27.82	0.00	3,469.85
MW-9	11/19/19	3,497.67	-	26.96	0.00	3,470.71

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-10	10/17/95	102.51	-	35.41	0.00	67.10
MW-10	02/07/96	102.51	-	34.41	0.00	68.10
MW-10	04/03/96	102.51	-	34.43	0.00	68.08
MW-10	07/18/96	102.51	-	35.22	0.00	67.29
MW-10	10/02/96	102.51	-	34.79	0.00	67.72
MW-10	10/09/97	102.51	-	34.72	0.00	67.79
MW-10	01/22/98	102.51	-	36.46	0.00	66.05
MW-10	04/02/98	102.51	-	36.25	0.00	66.26
MW-10	05/05/98	102.51	-	36.27	0.00	66.24
MW-10	07/07/98	102.51	-	35.89	0.00	66.62
MW-10	10/02/98	102.51	-	37.40	0.00	65.11
MW-10	01/14/99	102.51	-	37.04	0.00	65.47
MW-10	04/15/99	102.51	-	36.76	0.00	65.75
MW-10	07/13/99	102.51	-	36.28	0.00	66.23
MW-10	08/11/99	102.51	-	36.70	0.00	65.81
MW-10	09/22/99	102.51	-	36.86	0.00	65.65
MW-10	10/28/99	102.51	-	36.35	0.00	66.16
MW-10	11/23/99	102.51	-	36.39	0.00	66.12
MW-10	12/17/99	102.51	-	36.42	0.00	66.09
MW-10	01/13/00	102.51	-	36.42	0.00	66.09
MW-10	02/15/00	102.51	-	36.44	0.00	66.07
MW-10	03/31/00	102.51	-	36.47	0.00	66.04
MW-10	04/27/00	102.51	-	36.42	0.00	66.09
MW-10	05/31/00	102.51	-	36.90	0.00	65.61
MW-10	06/30/00	102.51	-	36.51	0.00	66.00
MW-10	07/13/00	102.51	-	35.40	0.00	67.11
MW-10	08/30/00	102.51	-	36.34	0.00	66.17
MW-10	09/21/00	102.51	-	36.81	0.00	65.70
MW-10	10/03/00	102.51	-	36.96	0.00	65.55
MW-10	11/29/00	102.51	-	37.15	0.00	65.36
MW-10	12/13/00	102.51	-	37.04	0.00	65.47
MW-10	01/03/01	102.51	-	37.08	0.00	65.43
MW-10	02/06/01	102.51	-	36.98	0.00	65.53
MW-10	03/15/01	102.51	-	36.90	0.00	65.61
MW-10	04/05/01	102.51	-	36.83	0.00	65.68
MW-10	05/03/01	102.51	-	36.90	0.00	65.61
MW-10	06/02/01	102.51	-	37.14	0.00	65.37
MW-10	07/10/01	102.51	-	37.44	0.00	65.07

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-10	10/02/01	102.51	-	37.05	0.00	65.46
MW-10	01/28/02	102.51	-	36.82	0.00	65.69
MW-10	02/25/02	102.51	-	36.37	0.00	66.14
MW-10	03/25/02	102.51	-	36.63	0.00	65.88
MW-10	04/10/02	102.51	-	36.30	0.00	66.21
MW-10	05/16/02	102.51	-	36.16	0.00	66.35
MW-10	06/17/02	102.51	-	36.26	0.00	66.25
MW-10	07/02/02	102.51	-	36.02	0.00	66.49
MW-10	09/10/02	102.51	-	35.47	0.00	67.04
MW-10	10/08/02	102.51	-	35.72	0.00	66.79
MW-10	11/08/02	102.51	-	35.29	0.00	67.22
MW-10	01/28/03	102.51	-	35.58	0.00	66.93
MW-10	04/02/03	102.51	-	35.63	0.00	66.88
MW-10	07/08/03	102.51	-	36.20	0.00	66.31
MW-10	12/18/03	102.51	-	37.29	0.00	65.22
MW-10	05/21/04	102.51	-	34.35	0.00	68.16
MW-10	06/03/04	102.51	-	34.40	0.00	68.11
MW-10	06/18/04	102.51	-	34.43	0.00	68.08
MW-10	07/12/04	102.51	-	34.38	0.00	68.13
MW-10	07/23/04	102.51	-	34.42	0.00	68.09
MW-10	09/03/04	102.51	-	34.65	0.00	67.86
MW-10	09/24/04	102.51	-	34.75	0.00	67.76
MW-10	09/30/04	102.51	-	33.62	0.00	68.89
MW-10	10/15/04	102.51	-	32.40	0.00	70.11
MW-10	11/09/04	102.51	-	32.71	0.00	69.80
MW-10	11/19/04	102.51	-	32.51	0.00	70.00
MW-10	12/07/04	102.51	-	32.26	0.00	70.25
MW-10	12/17/04	102.51	-	32.32	0.00	70.19
MW-10	01/07/05	102.51	-	32.26	0.00	70.25
MW-10	02/21/05	102.51	-	32.39	0.00	70.12
MW-10	03/29/05	102.51	-	34.40	0.00	68.11
MW-10	04/22/05	102.51	-	33.52	0.00	68.99
MW-10	05/06/05	102.51	-	32.40	0.00	70.11
MW-10	05/23/05	102.51	-	32.38	0.00	70.13
MW-10	08/16/05	102.51	-	32.76	0.00	69.75
MW-10	10/05/05	102.51	-	32.28	0.00	70.23
MW-10	11/18/05	102.51	-	32.12	0.00	70.39
MW-10	01/11/06	102.51	-	32.17	0.00	70.34

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-10	02/17/06	102.51	-	32.40	0.00	70.11
MW-10	03/15/06	102.51	-	34.41	0.00	68.10
MW-10	04/11/06	102.51	-	32.37	0.00	70.14
MW-10	05/23/06	102.51	-	32.40	0.00	70.11
MW-10	08/09/06	102.51	-	32.69	0.00	69.82
MW-10	09/27/06	102.51	-	31.85	0.00	70.66
MW-10	10/18/06	102.51	-	31.90	0.00	70.61
MW-10	11/22/06	102.51	-	31.99	0.00	70.52
MW-10	12/14/06	102.51	-	32.01	0.00	70.50
MW-10	01/11/07	102.51	-	32.07	0.00	70.44
MW-10	03/31/07	102.51	-	31.98	0.00	70.53
MW-10	08/01/07	102.51	-	31.87	0.00	70.64
MW-10	12/13/07	102.51	-	31.70	0.00	70.81
MW-10	01/10/08	102.51	-	32.24	0.00	70.27
MW-10	02/18/08	102.51	-	32.05	0.00	70.46
MW-10	03/31/08	102.51	-	32.16	0.00	70.35
MW-10	04/28/08	102.51	-	32.24	0.00	70.27
MW-10	05/29/08	102.51	-	32.25	0.00	70.26
MW-10	06/30/08	102.51	-	32.53	0.00	69.98
MW-10	07/29/08	102.51	-	32.94	0.00	69.57
MW-10	08/29/08	102.51	-	33.02	0.00	69.49
MW-10	09/30/08	102.51	-	32.69	0.00	69.82
MW-10	10/31/08	102.51	-	32.64	0.00	69.87
MW-10	11/26/08	102.51	-	32.57	0.00	69.94
MW-10	12/31/08	102.51	-	32.78	0.00	69.73
MW-10	01/30/09	102.51	-	32.88	0.00	69.63
MW-10	02/26/09	102.51	-	32.83	0.00	69.68
MW-10	03/31/09	102.51	-	32.98	0.00	69.53
MW-10	04/30/09	102.51	-	33.01	0.00	69.50
MW-10	05/29/09	102.51	-	33.16	0.00	69.35
MW-10	06/26/09	102.51	-	33.31	0.00	69.20
MW-10	07/31/09	102.51	-	33.47	0.00	69.04
MW-10	08/28/09	102.51	-	33.62	0.00	68.89
MW-10	09/25/09	102.51	-	33.81	0.00	68.70
MW-10	10/30/09	102.51	-	34.02	0.00	68.49
MW-10	11/27/09	102.51	-	34.11	0.00	68.40
MW-10	12/21/09	102.51	-	34.15	0.00	68.36
MW-10	01/29/10	102.51	-	34.33	0.00	68.18

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-10	02/26/10	102.51	-	34.31	0.00	68.20
MW-10	03/26/10	102.51	-	34.21	0.00	68.30
MW-10	04/30/10	102.51	-	34.17	0.00	68.34
MW-10	05/27/10	102.51	-	34.34	0.00	68.17
MW-10	06/30/10	102.51	-	34.49	0.00	68.02
MW-10	07/30/10	102.51	-	32.48	0.00	70.03
MW-10	08/26/10	102.51	-	32.86	0.00	69.65
MW-10	09/28/10	102.51	-	33.21	0.00	69.30
MW-10	10/29/10	102.51	-	33.45	0.00	69.06
MW-10	11/29/10	102.51	-	33.55	0.00	68.96
MW-10	12/29/10	102.51	-	33.55	0.00	68.96
MW-10	01/28/11	102.51	-	33.99	0.00	68.52
MW-10	02/25/11	102.51	-	34.15	0.00	68.36
MW-10	03/25/11	102.51	-	34.27	0.00	68.24
MW-10	04/29/11	102.51	-	34.65	0.00	67.86
MW-10	05/31/11	102.51	-	34.82	0.00	67.69
MW-10	06/29/11	102.51	-	35.04	0.00	67.47
MW-10	07/29/11	102.51	-	35.21	0.00	67.30
MW-10	08/31/11	102.51	-	35.42	0.00	67.09
MW-10	09/30/11	102.51	-	35.63	0.00	66.88
MW-10	10/28/11	102.51	-	35.71	0.00	66.80
MW-10	11/30/11	102.51	-	34.86	0.00	67.65
MW-10	12/30/11	102.51	-	35.00	0.00	67.51
MW-10	01/31/12	102.51	-	34.98	0.00	67.53
MW-10	02/28/12	102.51	-	34.98	0.00	67.53
MW-10	03/30/12	102.51	-	35.00	0.00	67.51
MW-10	04/27/12	102.51	-	35.03	0.00	67.48
MW-10	05/30/12	102.51	-	35.12	0.00	67.39
MW-10	06/27/12	102.51	-	35.26	0.00	67.25
MW-10	07/26/12	102.51	-	35.21	0.00	67.30
MW-10	08/31/12	102.51	-	35.36	0.00	67.15
MW-10	09/27/12	102.51	-	35.47	0.00	67.04
MW-10	10/26/12	102.51	-	35.51	0.00	67.00
MW-10	11/30/12	102.51	-	35.49	0.00	67.02
MW-10	12/27/12	102.51	-	35.51	0.00	67.00
MW-10	01/31/13	102.51	-	35.55	0.00	66.96
MW-10	02/28/13	102.51	-	35.58	0.00	66.93
MW-10	03/28/13	102.51	-	35.59	0.00	66.92

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-10	04/26/13	102.51	-	35.57	0.00	66.94
MW-10	05/24/13	102.51	-	35.63	0.00	66.88
MW-10	06/27/13	102.51	-	35.72	0.00	66.79
MW-10	07/26/13	102.51	-	35.85	0.00	66.66
MW-10	08/29/13	102.51	-	35.96	0.00	66.55
MW-10	09/26/13	102.51	-	36.08	0.00	66.43
MW-10	10/31/13	102.51	-	36.15	0.00	66.36
MW-10	11/26/13	102.51	-	36.20	0.00	66.31
MW-10	12/27/13	102.51	-	36.27	0.00	66.24
MW-10	01/31/14	3,503.95	-	36.14	0.00	3,467.81
MW-10	02/28/14	3,503.95	-	36.15	0.00	3,467.80
MW-10	03/28/14	3,503.95	-	36.16	0.00	3,467.79
MW-10	06/30/14	3,503.95	-	36.42	0.00	3,467.53
MW-10	09/29/14	3,503.95	-	33.60	0.00	3,470.35
MW-10	11/10/14	3,503.95	-	33.97	0.00	3,469.98
MW-10	03/19/15	3,503.95	-	34.88	0.00	3,469.07
MW-10	06/02/15	3,503.95	-	35.42	0.00	3,468.53
MW-10	08/19/15	3,503.95	-	31.02	0.00	3,472.93
MW-10	02/11/16	3,503.95	-	34.50	0.00	3,469.45
MW-10	05/06/16	3,503.95	-	34.80	0.00	3,469.15
MW-10	08/15/16	3,503.95	-	34.77	0.00	3,469.18
MW-10	12/01/16	3,503.95	-	32.52	0.00	3,471.43
MW-10	03/07/17	3,503.95	-	32.88	0.00	3,471.07
MW-10	06/06/17	3,503.95	-	32.97	0.00	3,470.98
MW-10	07/10/17	3,503.95	-	30.17	0.00	3,473.78
MW-10	08/28/17	3,503.95	-	33.07	0.00	3,470.88
MW-10	09/15/17	3,503.95	-	33.02	0.00	3,470.93
MW-10	12/04/17	3,503.95	-	32.91	0.00	3,471.04
MW-10	12/20/17	3,503.95	-	32.89	0.00	3,471.06
MW-10	01/12/18	3,503.95	-	32.95	0.00	3,471.00
MW-10	02/20/18	3,503.95	-	32.99	0.00	3,470.96
MW-10	04/23/18	3,503.95	-	33.05	0.00	3,470.90
MW-10	05/30/18	3,503.95	-	33.37	0.00	3,470.58
MW-10	06/27/18	3,503.95	-	33.58	0.00	3,470.37
MW-10	07/30/18	3,503.95	-	33.89	0.00	3,470.06
MW-10	08/28/18	3,503.95	-	34.11	0.00	3,469.84
MW-10	10/08/18	3,503.95	-	34.00	0.00	3,469.95
MW-10	11/07/18	3,503.95	-	33.82	0.00	3,470.13

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-10	12/26/18	3,503.95	-	32.63	0.00	3,471.32
MW-10	01/25/19	3,503.95	-	33.69	0.00	3,470.26
MW-10	02/26/19	3,503.95	-	33.69	0.00	3,470.26
MW-10	03/25/19	3,503.95	-	33.66	0.00	3,470.29
MW-10	04/29/19	3,503.95	-	33.56	0.00	3,470.39
MW-10	06/04/19	3,503.95	-	33.76	0.00	3,470.19
MW-10	06/27/19	3,503.95	-	34.02	0.00	3,469.93
MW-10	09/04/19	3,503.95	-	34.48	0.00	3,469.47
MW-10	10/03/19	3,503.95	-	34.33	0.00	3,469.62
MW-10	11/19/19	3,503.95	-	33.55	0.00	3,470.40
MW-11	10/17/95	105.62	32.33	32.48	0.15	73.27
MW-11	02/07/96	105.62	31.66	32.31	0.65	73.86
MW-11	04/03/96	105.62	31.40	32.13	0.73	74.11
MW-11	06/12/96	105.62	31.76	32.07	0.31	73.81
MW-11	06/20/96	105.62	31.91	31.96	0.05	73.70
MW-11	06/27/96	105.62	-	31.78	0.00	73.84
MW-11	07/05/96	105.62	-	32.12	0.00	73.50
MW-11	07/18/96	105.62	-	32.12	0.00	73.50
MW-11	08/01/96	105.62	-	32.37	0.00	73.25
MW-11	10/02/96	105.62	32.47	33.14	0.67	73.05
MW-11	10/09/97	105.62	-	32.47	0.00	73.15
MW-11	11/08/97	105.62	-	32.47	0.00	73.15
MW-11	01/22/98	105.62	-	32.18	0.00	73.44
MW-11	02/18/98	105.62	32.79	32.99	0.20	72.80
MW-11	04/02/98	105.62	32.71	33.48	0.77	72.79
MW-11	05/05/98	105.62	32.56	33.71	1.15	72.89
MW-11	07/07/98	105.62	33.20	34.92	1.72	72.16
MW-11	10/02/98	105.62	33.00	33.75	0.75	72.51
MW-11	01/14/99	105.62	33.40	33.69	0.29	72.18
MW-11	04/15/99	105.62	32.85	33.53	0.68	72.67
MW-11	07/13/99	105.62	32.43	34.20	1.77	72.92
MW-11	08/11/99	105.62	32.73	34.89	2.16	72.57
MW-11	09/22/99	105.62	32.85	33.77	0.92	72.63
MW-11	10/28/99	105.62	32.78	33.27	0.49	72.77
MW-11	11/23/99	105.62	32.60	33.53	0.93	72.88
MW-11	12/17/99	105.62	32.70	33.26	0.56	72.84
MW-11	01/13/00	105.62	32.70	33.26	0.56	72.84

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-11	02/15/00	105.62	32.73	33.55	0.82	72.77
MW-11	03/31/00	105.62	32.84	33.73	0.89	72.65
MW-11	04/27/00	105.62	32.52	33.35	0.83	72.98
MW-11	05/31/00	105.62	33.12	34.33	1.21	72.32
MW-11	06/30/00	105.62	33.51	33.81	0.30	72.07
MW-11	07/13/00	105.62	-	33.24	0.00	72.38
MW-11	08/30/00	105.62	-	33.43	0.00	72.19
MW-11	09/21/00	105.62	-	33.75	0.00	71.87
MW-11	10/03/00	105.62	-	33.73	0.00	71.89
MW-11	11/29/00	105.62	-	33.55	0.00	72.07
MW-11	12/13/00	105.62	-	33.30	0.00	72.32
MW-11	01/03/01	105.62	-	33.28	0.00	72.34
MW-11	02/06/01	105.62	-	33.26	0.00	72.36
MW-11	03/15/01	105.62	-	33.20	0.00	72.42
MW-11	04/05/01	105.62	-	33.10	0.00	72.52
MW-11	05/03/01	105.62	-	33.17	0.00	72.45
MW-11	06/02/01	105.62	-	33.40	0.00	72.22
MW-11	07/10/01	105.62	33.94	34.08	0.14	71.66
MW-11	10/02/01	105.62	33.93	33.94	0.01	71.69
MW-11	01/28/02	105.62	33.10	33.13	0.03	72.52
MW-11	02/25/02	105.62	-	32.97	0.00	72.65
MW-11	03/25/02	105.62	-	32.94	0.00	72.68
MW-11	04/10/02	105.62	-	32.83	0.00	72.79
MW-11	05/16/02	105.62	32.69	32.75	0.06	72.92
MW-11	06/17/02	105.62	32.71	32.95	0.24	72.87
MW-11	07/02/02	105.62	32.61	32.72	0.11	72.99
MW-11	09/10/02	105.62	33.12	33.22	0.10	72.49
MW-11	10/08/02	105.62	33.09	33.38	0.29	72.49
MW-11	11/08/02	105.62	33.45	33.61	0.16	72.15
MW-11	01/28/03	105.62	32.67	32.76	0.09	72.94
MW-11	04/02/03	105.62	-	32.13	0.00	73.49
MW-11	05/10/03	105.62	-	32.21	0.00	73.41
MW-11	06/26/03	105.62	-	32.41	0.00	73.21
MW-11	07/08/03	105.62	-	32.75	0.00	72.87
MW-11	08/20/03	105.62	-	32.77	0.00	72.85
MW-11	10/31/03	105.62	-	32.88	0.00	72.74
MW-11	12/17/03	105.62	-	33.98	0.00	71.64
MW-11	01/21/04	105.62	-	34.02	0.00	71.60

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-11	03/01/04	105.62	-	33.45	0.00	72.17
MW-11	05/06/04	105.62	-	31.88	0.00	73.74
MW-11	05/21/04	105.62	-	31.88	0.00	73.74
MW-11	06/03/04	105.62	-	31.70	0.00	73.92
MW-11	06/18/04	105.62	-	31.54	0.00	74.08
MW-11	07/12/04	105.62	-	31.48	0.00	74.14
MW-11	07/23/04	105.62	-	31.57	0.00	74.05
MW-11	09/03/04	105.62	-	31.56	0.00	74.06
MW-11	09/24/04	105.62	-	31.60	0.00	74.02
MW-11	09/30/04	105.62	-	31.46	0.00	74.16
MW-11	10/15/04	105.62	-	30.80	0.00	74.82
MW-11	11/09/04	105.62	-	30.40	0.00	75.22
MW-11	11/19/04	105.62	-	30.33	0.00	75.29
MW-11	12/07/04	105.62	-	30.07	0.00	75.55
MW-11	12/17/04	105.62	-	29.94	0.00	75.68
MW-11	01/07/05	105.62	-	29.74	0.00	75.88
MW-11	02/21/05	105.62	-	29.55	0.00	76.07
MW-11	03/29/05	105.62	-	29.43	0.00	76.19
MW-11	04/22/05	105.62	-	29.47	0.00	76.15
MW-11	05/06/05	105.62	-	29.25	0.00	76.37
MW-11	05/23/05	105.62	-	29.37	0.00	76.25
MW-11	08/16/05	105.62	-	29.62	0.00	76.00
MW-11	10/05/05	105.62	-	29.38	0.00	76.24
MW-11	11/18/05	105.62	-	29.20	0.00	76.42
MW-11	01/11/06	105.62	-	28.92	0.00	76.70
MW-11	02/17/06	105.62	-	29.26	0.00	76.36
MW-11	03/15/06	105.62	-	29.12	0.00	76.50
MW-11	04/11/06	105.62	-	29.51	0.00	76.11
MW-11	05/23/06	105.62	-	29.21	0.00	76.41
MW-11	08/09/06	105.62	-	29.55	0.00	76.07
MW-11	09/27/06	105.62	-	28.91	0.00	76.71
MW-11	10/18/06	105.62	-	28.85	0.00	76.77
MW-11	11/22/06	105.62	-	28.80	0.00	76.82
MW-11	12/14/06	105.62	-	28.75	0.00	76.87
MW-11	01/11/07	105.62	-	28.77	0.00	76.85
MW-11	03/31/07	105.62	-	28.73	0.00	76.89
MW-11	08/01/07	105.62	-	28.70	0.00	76.92
MW-11	12/13/07	105.62	-	28.66	0.00	76.96

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-11	01/10/08	105.62	-	28.69	0.00	76.93
MW-11	02/18/08	105.62	-	29.01	0.00	76.61
MW-11	03/31/08	105.62	-	28.89	0.00	76.73
MW-11	04/28/08	105.62	-	29.00	0.00	76.62
MW-11	05/29/08	105.62	-	29.10	0.00	76.52
MW-11	06/30/08	105.62	-	29.42	0.00	76.20
MW-11	07/29/08	105.62	-	29.58	0.00	76.04
MW-11	08/29/08	105.62	-	29.76	0.00	75.86
MW-11	09/30/08	105.62	-	29.50	0.00	76.12
MW-11	10/31/08	105.62	-	29.42	0.00	76.20
MW-11	11/26/08	105.62	-	29.28	0.00	76.34
MW-11	12/30/08	105.62	-	29.21	0.00	76.41
MW-11	01/30/09	105.62	-	29.34	0.00	76.28
MW-11	02/26/09	105.62	-	29.27	0.00	76.35
MW-11	03/31/09	105.62	-	29.39	0.00	76.23
MW-11	04/30/09	105.62	-	29.41	0.00	76.21
MW-11	05/29/09	105.62	-	29.61	0.00	76.01
MW-11	06/26/09	105.62	-	29.76	0.00	75.86
MW-11	07/31/09	105.62	-	30.00	0.00	75.62
MW-11	08/28/09	105.62	-	30.13	0.00	75.49
MW-11	09/25/09	105.62	-	30.27	0.00	75.35
MW-11	10/30/09	105.62	-	30.41	0.00	75.21
MW-11	11/27/09	105.62	-	30.41	0.00	75.21
MW-11	12/21/09	105.62	-	30.38	0.00	75.24
MW-11	01/29/10	105.62	-	30.51	0.00	75.11
MW-11	02/26/10	105.62	-	30.47	0.00	75.15
MW-11	03/26/10	105.62	-	30.28	0.00	75.34
MW-11	04/30/10	105.62	-	30.23	0.00	75.39
MW-11	05/27/10	105.62	-	30.36	0.00	75.26
MW-11	06/30/10	105.62	-	30.69	0.00	74.93
MW-11	07/30/10	105.62	-	29.64	0.00	75.98
MW-11	08/26/10	105.62	-	29.44	0.00	76.18
MW-11	09/28/10	105.62	-	29.41	0.00	76.21
MW-11	10/29/10	105.62	-	29.55	0.00	76.07
MW-11	11/29/10	105.62	-	29.61	0.00	76.01
MW-11	12/29/10	105.62	-	29.61	0.00	76.01
MW-11	01/28/11	105.62	-	29.92	0.00	75.70
MW-11	02/25/11	105.62	-	30.07	0.00	75.55

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-11	03/25/11	105.62	-	30.19	0.00	75.43
MW-11	04/29/11	105.62	-	30.58	0.00	75.04
MW-11	05/21/11	105.62	-	30.85	0.00	74.77
MW-11	06/29/11	105.62	-	31.14	0.00	74.48
MW-11	07/29/11	105.62	-	31.48	0.00	74.14
MW-11	08/31/11	105.62	-	31.71	0.00	73.91
MW-11	09/30/11	105.62	-	31.85	0.00	73.77
MW-11	10/28/11	105.62	-	31.94	0.00	73.68
MW-11	11/30/11	105.62	-	30.91	0.00	74.71
MW-11	12/30/11	105.62	-	30.96	0.00	74.66
MW-11	01/31/12	105.62	-	30.90	0.00	74.72
MW-11	02/28/12	105.62	-	30.84	0.00	74.78
MW-11	03/30/12	105.62	-	30.84	0.00	74.78
MW-11	04/27/12	105.62	-	30.90	0.00	74.72
MW-11	05/30/12	105.62	-	30.99	0.00	74.63
MW-11	06/27/12	105.62	-	31.09	0.00	74.53
MW-11	07/26/12	105.62	-	31.26	0.00	74.36
MW-11	08/31/12	105.62	-	31.45	0.00	74.17
MW-11	09/27/12	105.62	-	31.58	0.00	74.04
MW-11	10/26/12	105.62	-	31.38	0.00	74.24
MW-11	11/30/12	105.62	-	31.23	0.00	74.39
MW-11	12/27/12	105.62	-	31.17	0.00	74.45
MW-11	01/31/13	105.62	-	31.22	0.00	74.40
MW-11	02/28/13	105.62	-	31.23	0.00	74.39
MW-11	03/28/13	105.62	-	31.20	0.00	74.42
MW-11	04/26/13	105.62	31.21	31.22	0.01	74.41
MW-11	05/24/13	105.62	31.31	31.42	0.11	74.29
MW-11	06/27/13	105.62	31.57	31.76	0.19	74.02
MW-11	07/26/13	105.62	31.68	31.79	0.11	73.92
MW-11	08/29/13	105.62	31.79	31.90	0.11	73.81
MW-11	09/26/13	105.62	31.89	32.04	0.15	73.71
MW-11	10/31/13	105.62	31.84	31.90	0.06	73.77
MW-11	11/26/13	105.62	31.73	31.86	0.13	73.87
MW-11	12/27/13	105.62	31.64	31.78	0.14	73.96
MW-11	01/31/14	3,507.13	31.55	31.68	0.13	3,475.56
MW-11	02/28/14	3,507.13	31.54	31.67	0.13	3,475.57
MW-11	03/28/14	3,507.13	31.53	31.65	0.12	3,475.58
MW-11	06/30/14	3,507.13	32.03	32.19	0.16	3,475.08

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-11	09/29/14	3,507.13	30.47	31.10	0.63	3,476.57
MW-11	11/10/14	3,507.13	30.11	30.50	0.39	3,476.96
MW-11	01/06/15	3,507.13	30.32	30.40	0.08	3,476.80
MW-11	01/16/15	3,507.13	30.33	30.40	0.07	3,476.79
MW-11	01/20/15	3,507.13	30.20	30.22	0.02	3,476.93
MW-11	01/27/15	3,507.13	30.24	30.33	0.09	3,476.88
MW-11	02/03/15	3,507.13	30.15	30.22	0.07	3,476.97
MW-11	02/10/15	3,507.13	30.30	30.32	0.02	3,476.83
MW-11	02/20/15	3,507.13	30.16	30.21	0.05	3,476.96
MW-11	02/23/15	3,507.13	30.46	30.51	0.05	3,476.66
MW-11	03/04/15	3,507.13	30.21	30.26	0.05	3,476.91
MW-11	03/10/15	3,507.13	-	30.26	0.00	3,476.87
MW-11	03/20/15	3,507.13	30.39	30.44	0.05	3,476.73
MW-11	03/25/15	3,507.13	-	30.21	0.00	3,476.92
MW-11	04/01/15	3,507.13	30.12	30.14	0.02	3,477.01
MW-11	04/07/15	3,507.13	30.21	30.24	0.03	3,476.92
MW-11	04/14/15	3,507.13	-	30.27	0.00	3,476.86
MW-11	04/21/15	3,507.13	30.21	30.22	0.01	3,476.92
MW-11	04/28/15	3,507.13	-	30.16	0.00	3,476.97
MW-11	05/06/15	3,507.13	-	31.22	0.00	3,475.91
MW-11	05/20/15	3,507.13	-	30.33	0.00	3,476.80
MW-11	06/02/15	3,507.13	29.66	30.02	0.36	3,477.42
MW-11	06/18/15	3,507.13	-	29.57	0.00	3,477.56
MW-11	06/29/15	3,507.13	-	29.47	0.00	3,477.66
MW-11	07/09/15	3,507.13	-	30.39	0.00	3,476.74
MW-11	07/22/15	3,507.13	-	30.56	0.00	3,476.57
MW-11	08/20/15	3,507.13	30.21	30.35	0.14	3,476.90
MW-11	08/31/15	3,507.13	-	29.35	0.00	3,477.78
MW-11	12/02/15	3,507.13	-	31.85	0.00	3,475.28
MW-11	01/19/16	3,507.13	-	29.75	0.00	3,477.38
MW-11	02/02/16	3,507.13	-	29.25	0.00	3,477.88
MW-11	02/15/16	3,507.13	-	29.70	0.00	3,477.43
MW-11	04/28/16	3,507.13	-	29.58	0.00	3,477.55
MW-11	05/04/16	3,507.13	-	30.00	0.00	3,477.13
MW-11	05/16/16	3,507.13	-	29.91	0.00	3,477.22
MW-11	05/25/16	3,507.13	-	29.89	0.00	3,477.24
MW-11	06/16/16	3,507.13	-	29.89	0.00	3,477.24
MW-11	07/01/16	3,507.13	-	29.85	0.00	3,477.28

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-11	07/15/16	3,507.13	-	29.87	0.00	3,477.26
MW-11	07/29/16	3,507.13	-	29.84	0.00	3,477.29
MW-11	08/11/16	3,507.13	-	29.90	0.00	3,477.23
MW-11	09/06/16	3,507.13	-	29.88	0.00	3,477.25
MW-11	12/01/16	3,507.13	-	28.57	0.00	3,478.56
MW-11	12/30/16	3,507.13	-	28.43	0.00	3,478.70
MW-11	01/13/17	3,507.13	-	28.49	0.00	3,478.64
MW-11	02/17/17	3,507.13	-	28.37	0.00	3,478.76
MW-11	03/08/17	3,507.13	-	28.46	0.00	3,478.67
MW-11	04/11/17	3,507.13	-	28.41	0.00	3,478.72
MW-11	04/27/17	3,507.13	-	28.39	0.00	3,478.74
MW-11	05/11/17	3,507.13	-	28.44	0.00	3,478.69
MW-11	05/23/17	3,507.13	-	28.54	0.00	3,478.59
MW-11	06/07/17	3,507.13	-	28.60	0.00	3,478.53
MW-11	07/10/17	3,507.13	-	28.83	0.00	3,478.30
MW-11	07/21/17	3,507.13	-	28.94	0.00	3,478.19
MW-11	08/28/17	3,507.13	-	28.90	0.00	3,478.23
MW-11	09/15/17	3,507.13	-	28.93	0.00	3,478.20
MW-11	09/29/17	3,507.13	-	28.81	0.00	3,478.32
MW-11	10/11/17	3,507.13	-	28.62	0.00	3,478.51
MW-11	10/27/17	3,507.13	-	28.62	0.00	3,478.51
MW-11	11/10/17	3,507.13	-	28.55	0.00	3,478.58
MW-11	12/05/17	3,507.13	-	28.53	0.00	3,478.60
MW-11	12/21/17	3,507.13	-	29.53	0.00	3,477.60
MW-11	12/29/17	3,507.13	-	29.55	0.00	3,477.58
MW-11	01/12/18	3,507.13	-	28.61	0.00	3,478.52
MW-11	01/26/18	3,507.13	-	28.62	0.00	3,478.51
MW-11	02/13/18	3,507.13	-	28.71	0.00	3,478.42
MW-11	02/21/18	3,507.13	-	28.69	0.00	3,478.44
MW-11	04/12/18	3,507.13	-	28.80	0.00	3,478.33
MW-11	04/23/18	3,507.13	-	28.79	0.00	3,478.34
MW-11	05/18/18	3,507.13	-	28.84	0.00	3,478.29
MW-11	05/31/18	3,507.13	-	29.02	0.00	3,478.11
MW-11	06/15/18	3,507.13	-	29.13	0.00	3,478.00
MW-11	06/27/18	3,507.13	-	29.17	0.00	3,477.96
MW-11	07/11/18	3,507.13	-	29.30	0.00	3,477.83
MW-11	07/30/18	3,507.13	-	29.43	0.00	3,477.70
MW-11	08/10/18	3,507.13	-	29.51	0.00	3,477.62

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-11	08/29/18	3,507.13	-	29.59	0.00	3,477.54
MW-11	09/10/18	3,507.13	-	29.64	0.00	3,477.49
MW-11	10/08/18	3,507.13	-	29.50	0.00	3,477.63
MW-11	11/01/18	3,507.13	-	29.33	0.00	3,477.80
MW-11	11/08/18	3,507.13	-	29.26	0.00	3,477.87
MW-11	11/30/18	3,507.13	-	29.12	0.00	3,478.01
MW-11	12/10/18	3,507.13	-	29.13	0.00	3,478.00
MW-11	12/26/18	3,507.13	-	29.11	0.00	3,478.02
MW-11	01/08/19	3,507.13	-	29.20	0.00	3,477.93
MW-11	01/25/19	3,507.13	-	29.14	0.00	3,477.99
MW-11	02/14/19	3,507.13	-	29.10	0.00	3,478.03
MW-11	02/27/19	3,507.13	-	29.16	0.00	3,477.97
MW-11	03/13/19	3,507.13	-	29.12	0.00	3,478.01
MW-11	03/25/19	3,507.13	-	29.15	0.00	3,477.98
MW-11	04/03/19	3,507.13	-	29.14	0.00	3,477.99
MW-11	04/19/19	3,507.13	-	29.17	0.00	3,477.96
MW-11	04/29/19	3,507.13	-	29.13	0.00	3,478.00
MW-11	05/16/19	3,507.13	-	29.15	0.00	3,477.98
MW-11	06/05/19	3,507.13	-	29.29	0.00	3,477.84
MW-11	06/27/19	3,507.13	-	29.46	0.00	3,477.67
MW-11	09/05/19	3,507.13	-	29.84	0.00	3,477.29
MW-11	09/18/19	3,507.13	-	29.86	0.00	3,477.27
MW-11	10/03/19	3,507.13	-	29.80	0.00	3,477.33
MW-11	11/20/19	3,507.13	-	29.28	0.00	3,477.85
MW-12	10/17/95	103.90	-	32.41	0.00	71.49
MW-12	02/07/96	103.90	-	31.00	0.00	72.90
MW-12	04/03/96	103.90	-	30.91	0.00	72.99
MW-12	10/02/96	103.90	-	32.20	0.00	71.70
MW-12	10/09/97	103.90	-	32.29	0.00	71.61
MW-12	01/22/98	103.90	-	32.62	0.00	71.28
MW-12	02/18/98	103.90	-	32.48	0.00	71.42
MW-12	04/02/98	103.90	-	32.25	0.00	71.65
MW-12	05/05/98	103.90	-	32.42	0.00	71.48
MW-12	07/07/98	103.90	-	33.33	0.00	70.57
MW-12	10/02/98	103.90	-	33.34	0.00	70.56
MW-12	01/14/99	103.90	-	32.68	0.00	71.22
MW-12	04/15/99	103.90	-	32.42	0.00	71.48

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-12	07/13/99	103.90	-	32.29	0.00	71.61
MW-12	08/11/99	103.90	-	32.62	0.00	71.28
MW-12	09/22/99	103.90	-	32.50	0.00	71.40
MW-12	10/28/99	103.90	-	32.06	0.00	71.84
MW-12	11/23/99	103.90	-	32.04	0.00	71.86
MW-12	12/17/99	103.90	-	30.05	0.00	73.85
MW-12	01/13/00	103.90	-	32.03	0.00	71.87
MW-12	02/15/00	103.90	-	32.05	0.00	71.85
MW-12	03/31/00	103.90	-	32.06	0.00	71.84
MW-12	04/27/00	103.90	-	32.02	0.00	71.88
MW-12	05/31/00	103.90	-	32.66	0.00	71.24
MW-12	06/30/00	103.90	-	32.66	0.00	71.24
MW-12	07/13/00	103.90	-	32.16	0.00	71.74
MW-12	08/30/00	103.90	-	32.48	0.00	71.42
MW-12	09/21/00	103.90	-	32.85	0.00	71.05
MW-12	10/03/00	103.90	-	32.95	0.00	70.95
MW-12	11/29/00	103.90	-	32.74	0.00	71.16
MW-12	12/13/00	103.90	-	32.63	0.00	71.27
MW-12	01/03/01	103.90	-	32.56	0.00	71.34
MW-12	02/06/01	103.90	-	32.48	0.00	71.42
MW-12	03/15/01	103.90	-	32.38	0.00	71.52
MW-12	04/05/01	103.90	-	32.27	0.00	71.63
MW-12	05/03/01	103.90	-	32.33	0.00	71.57
MW-12	06/02/01	103.90	-	32.55	0.00	71.35
MW-12	07/10/01	103.90	-	33.11	0.00	70.79
MW-12	10/02/01	103.90	-	32.99	0.00	70.91
MW-12	01/28/02	103.90	-	32.24	0.00	71.66
MW-12	02/25/02	103.90	-	32.17	0.00	71.73
MW-12	03/25/02	103.90	-	32.14	0.00	71.76
MW-12	04/10/02	103.90	-	32.01	0.00	71.89
MW-12	05/16/02	103.90	-	32.09	0.00	71.81
MW-12	06/17/02	103.90	-	32.01	0.00	71.89
MW-12	07/02/02	103.90	-	31.94	0.00	71.96
MW-12	09/10/02	103.90	-	31.48	0.00	72.42
MW-12	10/08/02	103.90	-	31.60	0.00	72.30
MW-12	11/08/02	103.90	-	31.52	0.00	72.38
MW-12	01/28/03	103.90	-	31.27	0.00	72.63
MW-12	04/02/03	103.90	-	31.25	0.00	72.65

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-12	07/08/03	103.90	-	31.97	0.00	71.93
MW-12	12/18/03	103.90	-	32.81	0.00	71.09
MW-12	05/06/04	103.90	-	30.94	0.00	72.96
MW-12	05/21/04	103.90	-	30.95	0.00	72.95
MW-12	06/03/04	103.90	-	30.84	0.00	73.06
MW-12	06/18/04	103.90	-	30.81	0.00	73.09
MW-12	07/12/04	103.90	-	30.71	0.00	73.19
MW-12	07/23/04	103.90	-	30.71	0.00	73.19
MW-12	09/03/04	103.90	-	30.68	0.00	73.22
MW-12	09/24/04	103.90	-	30.71	0.00	73.19
MW-12	09/30/04	103.90	-	30.60	0.00	73.30
MW-12	10/15/04	103.90	-	29.90	0.00	74.00
MW-12	11/09/04	103.90	-	29.53	0.00	74.37
MW-12	11/19/04	103.90	-	29.41	0.00	74.49
MW-12	12/07/04	103.90	-	29.09	0.00	74.81
MW-12	12/17/04	103.90	-	28.97	0.00	74.93
MW-12	01/07/05	103.90	-	28.82	0.00	75.08
MW-12	02/21/05	103.90	-	28.68	0.00	75.22
MW-12	03/29/05	103.90	-	28.62	0.00	75.28
MW-12	04/22/05	103.90	-	28.64	0.00	75.26
MW-12	05/06/05	103.90	-	28.57	0.00	75.33
MW-12	05/23/05	103.90	-	28.56	0.00	75.34
MW-12	08/16/05	103.90	-	28.74	0.00	75.16
MW-12	10/05/05	103.90	-	28.47	0.00	75.43
MW-12	11/18/05	103.90	-	28.30	0.00	75.60
MW-12	01/11/06	103.90	-	28.23	0.00	75.67
MW-12	02/17/06	103.90	-	28.34	0.00	75.56
MW-12	03/15/06	103.90	-	28.41	0.00	75.49
MW-12	04/11/06	103.90	-	28.44	0.00	75.46
MW-12	05/23/06	103.90	-	28.46	0.00	75.44
MW-12	08/09/06	103.90	-	28.69	0.00	75.21
MW-12	09/27/06	103.90	-	28.05	0.00	75.85
MW-12	10/18/06	103.90	-	28.03	0.00	75.87
MW-12	11/22/06	103.90	-	27.98	0.00	75.92
MW-12	12/14/06	103.90	-	27.99	0.00	75.91
MW-12	01/11/07	103.90	-	28.03	0.00	75.87
MW-12	03/31/07	103.90	-	28.01	0.00	75.89
MW-12	08/01/07	103.90	-	27.97	0.00	75.93

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-12	12/13/07	103.90	-	27.89	0.00	76.01
MW-12	01/10/08	103.90	-	27.91	0.00	75.99
MW-12	02/18/08	103.90	-	28.12	0.00	75.78
MW-12	03/31/08	103.90	-	28.18	0.00	75.72
MW-12	04/28/08	103.90	-	28.30	0.00	75.60
MW-12	05/29/08	103.90	-	28.47	0.00	75.43
MW-12	06/30/08	103.90	-	28.50	0.00	75.40
MW-12	07/29/08	103.90	-	28.69	0.00	75.21
MW-12	08/29/08	103.90	-	28.90	0.00	75.00
MW-12	09/30/08	103.90	-	28.72	0.00	75.18
MW-12	10/31/08	103.90	-	28.74	0.00	75.16
MW-12	11/26/08	103.90	-	28.65	0.00	75.25
MW-12	12/30/08	103.90	-	28.61	0.00	75.29
MW-12	01/30/09	103.90	-	28.77	0.00	75.13
MW-12	02/26/09	103.90	-	28.74	0.00	75.16
MW-12	03/31/09	103.90	-	28.81	0.00	75.09
MW-12	04/30/09	103.90	-	28.87	0.00	75.03
MW-12	05/29/09	103.90	-	28.96	0.00	74.94
MW-12	06/26/09	103.90	-	29.07	0.00	74.83
MW-12	07/31/09	103.90	-	29.27	0.00	74.63
MW-12	08/28/09	103.90	-	29.36	0.00	74.54
MW-12	09/25/09	103.90	-	29.52	0.00	74.38
MW-12	10/30/09	103.90	-	29.68	0.00	74.22
MW-12	11/27/09	103.90	-	29.76	0.00	74.14
MW-12	12/21/09	103.90	-	29.80	0.00	74.10
MW-12	01/29/10	103.90	-	29.94	0.00	73.96
MW-12	02/26/10	103.90	-	29.34	0.00	74.56
MW-12	03/26/10	103.90	-	29.83	0.00	74.07
MW-12	04/30/10	103.90	-	29.77	0.00	74.13
MW-12	05/27/10	103.90	-	29.84	0.00	74.06
MW-12	06/30/10	103.90	-	30.04	0.00	73.86
MW-12	07/30/10	103.90	-	29.19	0.00	74.71
MW-12	08/26/10	103.90	-	28.96	0.00	74.94
MW-12	09/28/10	103.90	-	28.87	0.00	75.03
MW-12	10/29/10	103.90	-	28.97	0.00	74.93
MW-12	11/29/10	103.90	-	29.03	0.00	74.87
MW-12	12/29/10	103.90	-	29.11	0.00	74.79
MW-12	01/28/11	103.90	-	29.41	0.00	74.49

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-12	02/25/11	103.90	-	29.56	0.00	74.34
MW-12	03/25/11	103.90	-	29.70	0.00	74.20
MW-12	04/29/11	103.90	-	30.02	0.00	73.88
MW-12	05/31/11	103.90	-	30.19	0.00	73.71
MW-12	06/29/11	103.90	-	29.35	0.00	74.55
MW-12	07/29/11	103.90	-	30.68	0.00	73.22
MW-12	08/31/11	103.90	-	30.92	0.00	72.98
MW-12	09/30/11	103.90	-	31.18	0.00	72.72
MW-12	10/28/11	103.90	-	31.30	0.00	72.60
MW-12	11/30/11	103.90	-	30.39	0.00	73.51
MW-12	12/30/11	103.90	-	30.42	0.00	73.48
MW-12	01/31/12	103.90	-	30.44	0.00	73.46
MW-12	02/28/12	103.90	-	30.38	0.00	73.52
MW-12	03/30/12	103.90	-	30.40	0.00	73.50
MW-12	04/27/12	103.90	-	30.42	0.00	73.48
MW-12	05/30/12	103.90	-	30.51	0.00	73.39
MW-12	06/27/12	103.90	-	30.53	0.00	73.37
MW-12	07/26/12	103.90	-	30.61	0.00	73.29
MW-12	08/31/12	103.90	-	30.77	0.00	73.13
MW-12	09/27/12	103.90	-	30.87	0.00	73.03
MW-12	10/26/12	103.90	-	30.82	0.00	73.08
MW-12	11/30/12	103.90	-	30.73	0.00	73.17
MW-12	12/27/12	103.90	-	30.70	0.00	73.20
MW-12	01/31/13	103.90	-	30.75	0.00	73.15
MW-12	02/28/13	103.90	-	30.75	0.00	73.15
MW-12	03/28/13	103.90	-	30.73	0.00	73.17
MW-12	04/26/13	103.90	-	30.80	0.00	73.10
MW-12	05/24/13	103.90	-	30.91	0.00	72.99
MW-12	06/27/13	103.90	-	31.05	0.00	72.85
MW-12	07/26/13	103.90	-	31.19	0.00	72.71
MW-12	08/29/13	103.90	-	31.27	0.00	72.63
MW-12	09/26/13	103.90	-	31.38	0.00	72.52
MW-12	10/31/13	103.90	-	31.40	0.00	72.50
MW-12	11/26/13	103.90	-	31.34	0.00	72.56
MW-12	12/27/13	103.90	-	31.26	0.00	72.64
MW-12	01/31/14	3,505.38	-	31.18	0.00	3,474.20
MW-12	02/28/14	3,505.38	-	31.17	0.00	3,474.21
MW-12	03/28/14	3,505.38	-	31.15	0.00	3,474.23

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-12	06/30/14	3,505.38	-	31.49	0.00	3,473.89
MW-12	09/29/14	3,505.38	-	29.58	0.00	3,475.80
MW-12	11/10/14	3,505.38	-	29.64	0.00	3,475.74
MW-12	03/19/15	3,505.38	-	29.56	0.00	3,475.82
MW-12	06/02/15	3,505.38	-	29.27	0.00	3,476.11
MW-12	08/19/15	3,505.38	-	29.15	0.00	3,476.23
MW-12	02/11/16	3,505.38	-	29.20	0.00	3,476.18
MW-12	04/28/16	3,505.38	-	29.20	0.00	3,476.18
MW-12	05/04/16	3,505.38	-	29.15	0.00	3,476.23
MW-12	05/16/16	3,505.38	-	29.18	0.00	3,476.20
MW-12	05/25/16	3,505.38	-	29.18	0.00	3,476.20
MW-12	06/16/16	3,505.38	-	29.25	0.00	3,476.13
MW-12	07/01/16	3,505.38	-	29.21	0.00	3,476.17
MW-12	07/15/16	3,505.38	-	29.24	0.00	3,476.14
MW-12	07/29/16	3,505.38	-	29.27	0.00	3,476.11
MW-12	08/11/16	3,505.38	-	29.21	0.00	3,476.17
MW-12	08/15/16	3,505.38	-	29.21	0.00	3,476.17
MW-12	09/06/16	3,505.38	-	29.24	0.00	3,476.14
MW-12	12/01/16	3,505.38	-	27.86	0.00	3,477.52
MW-12	03/07/17	3,505.38	-	27.83	0.00	3,477.55
MW-12	06/07/17	3,505.38	-	27.96	0.00	3,477.42
MW-12	07/10/17	3,505.38	-	28.16	0.00	3,477.22
MW-12	08/28/17	3,505.38	-	28.27	0.00	3,477.11
MW-12	09/15/17	3,505.38	-	28.29	0.00	3,477.09
MW-12	12/05/17	3,505.38	-	27.93	0.00	3,477.45
MW-12	12/20/17	3,505.38	-	27.95	0.00	3,477.43
MW-12	01/12/18	3,505.38	-	28.02	0.00	3,477.36
MW-12	02/21/18	3,505.38	-	28.07	0.00	3,477.31
MW-12	04/23/18	3,505.38	-	28.26	0.00	3,477.12
MW-12	05/31/18	3,505.38	-	28.39	0.00	3,476.99
MW-12	06/27/18	3,505.38	-	28.54	0.00	3,476.84
MW-12	08/29/18	3,505.38	-	28.93	0.00	3,476.45
MW-12	10/08/18	3,505.38	-	28.96	0.00	3,476.42
MW-12	11/08/18	3,505.38	-	28.70	0.00	3,476.68
MW-12	11/08/18	3,505.38	-	28.70	0.00	3,476.68
MW-12	12/10/18	3,505.38	-	28.59	0.00	3,476.79
MW-12	12/26/18	3,505.38	-	28.65	0.00	3,476.73
MW-12	01/25/19	3,505.38	-	28.59	0.00	3,476.79

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-12	02/27/19	3,505.38	-	28.64	0.00	3,476.74
MW-12	03/25/19	3,505.38	-	28.69	0.00	3,476.69
MW-12	04/29/19	3,505.38	-	28.62	0.00	3,476.76
MW-12	06/05/19	3,505.38	-	28.68	0.00	3,476.70
MW-12	06/27/19	3,505.38	-	28.83	0.00	3,476.55
MW-12	09/05/19	3,505.38	-	29.13	0.00	3,476.25
MW-12	10/03/19	3,505.38	-	29.18	0.00	3,476.20
MW-12	11/20/19	3,505.38	-	28.69	0.00	3,476.69
MW-13	10/17/95	103.89	-	32.61	0.00	71.28
MW-13	02/07/96	103.89	-	28.75	0.00	75.14
MW-13	04/03/96	103.89	-	28.61	0.00	75.28
MW-13	07/18/96	103.89	-	29.69	0.00	74.20
MW-13	10/02/96	103.89	-	31.21	0.00	72.68
MW-13	10/09/97	103.89	-	30.61	0.00	73.28
MW-13	01/22/98	103.89	-	30.25	0.00	73.64
MW-13	02/18/98	103.89	-	30.11	0.00	73.78
MW-13	04/02/98	103.89	-	29.99	0.00	73.90
MW-13	05/05/98	103.89	-	29.99	0.00	73.90
MW-13	07/07/98	103.89	-	30.99	0.00	72.90
MW-13	10/02/98	103.89	-	31.27	0.00	72.62
MW-13	01/14/99	103.89	-	30.60	0.00	73.29
MW-13	04/15/99	103.89	-	30.35	0.00	73.54
MW-13	07/13/99	103.89	-	30.21	0.00	73.68
MW-13	08/11/99	103.89	-	30.58	0.00	73.31
MW-13	09/22/99	103.89	-	30.37	0.00	73.52
MW-13	10/28/99	103.89	-	30.10	0.00	73.79
MW-13	11/23/99	103.89	-	30.06	0.00	73.83
MW-13	12/17/99	103.89	-	28.58	0.00	75.31
MW-13	01/13/00	103.89	-	30.05	0.00	73.84
MW-13	02/15/00	103.89	-	30.03	0.00	73.86
MW-13	03/31/00	103.89	-	30.06	0.00	73.83
MW-13	04/27/00	103.89	-	30.02	0.00	73.87
MW-13	05/31/00	103.89	-	30.66	0.00	73.23
MW-13	06/30/00	103.89	-	30.76	0.00	73.13
MW-13	07/13/00	103.89	-	30.33	0.00	73.56
MW-13	08/30/00	103.89	-	30.80	0.00	73.09
MW-13	09/21/00	103.89	-	31.14	0.00	72.75

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-13	10/03/00	103.89	-	31.23	0.00	72.66
MW-13	11/29/00	103.89	-	30.81	0.00	73.08
MW-13	12/13/00	103.89	-	30.79	0.00	73.10
MW-13	01/03/01	103.89	-	30.63	0.00	73.26
MW-13	02/06/01	103.89	-	30.52	0.00	73.37
MW-13	03/15/01	103.89	-	30.41	0.00	73.48
MW-13	04/05/01	103.89	-	30.30	0.00	73.59
MW-13	05/03/01	103.89	-	30.37	0.00	73.52
MW-13	06/02/01	103.89	-	30.61	0.00	73.28
MW-13	07/10/01	103.89	-	31.30	0.00	72.59
MW-13	10/02/01	103.89	-	31.05	0.00	72.84
MW-13	01/28/02	103.89	-	30.30	0.00	73.59
MW-13	02/25/02	103.89	-	30.21	0.00	73.68
MW-13	03/25/02	103.89	-	30.17	0.00	73.72
MW-13	04/10/02	103.89	-	30.01	0.00	73.88
MW-13	05/16/02	103.89	-	29.83	0.00	74.06
MW-13	06/17/02	103.89	-	29.90	0.00	73.99
MW-13	07/02/02	103.89	-	29.89	0.00	74.00
MW-13	09/10/02	103.89	-	29.69	0.00	74.20
MW-13	10/08/02	103.89	-	29.83	0.00	74.06
MW-13	11/08/02	103.89	-	29.65	0.00	74.24
MW-13	01/28/03	103.89	-	29.41	0.00	74.48
MW-13	04/02/03	103.89	-	29.30	0.00	74.59
MW-13	07/08/03	103.89	-	30.13	0.00	73.76
MW-13	12/18/03	103.89	-	30.88	0.00	73.01
MW-13	05/06/04	103.89	-	29.27	0.00	74.62
MW-13	05/21/04	103.89	-	29.09	0.00	74.80
MW-13	06/03/04	103.89	-	29.08	0.00	74.81
MW-13	06/18/04	103.89	-	29.10	0.00	74.79
MW-13	07/12/04	103.89	-	29.12	0.00	74.77
MW-13	07/23/04	103.89	-	29.17	0.00	74.72
MW-13	09/03/04	103.89	-	29.19	0.00	74.70
MW-13	09/24/04	103.89	-	29.27	0.00	74.62
MW-13	09/30/04	103.89	-	29.13	0.00	74.76
MW-13	10/15/04	103.89	-	28.46	0.00	75.43
MW-13	11/09/04	103.89	-	28.14	0.00	75.75
MW-13	11/19/04	103.89	-	27.44	0.00	76.45
MW-13	12/07/04	103.89	-	27.68	0.00	76.21

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-13	12/17/04	103.89	-	27.60	0.00	76.29
MW-13	01/07/05	103.89	-	27.39	0.00	76.50
MW-13	02/21/05	103.89	-	27.16	0.00	76.73
MW-13	03/29/05	103.89	-	26.97	0.00	76.92
MW-13	04/22/05	103.89	-	26.94	0.00	76.95
MW-13	05/06/05	103.89	-	26.80	0.00	77.09
MW-13	05/23/05	103.89	-	26.80	0.00	77.09
MW-13	08/16/05	103.89	-	27.18	0.00	76.71
MW-13	10/05/05	103.89	-	26.82	0.00	77.07
MW-13	11/18/05	103.89	-	26.58	0.00	77.31
MW-13	01/11/06	103.89	-	26.47	0.00	77.42
MW-13	02/17/06	103.89	-	26.58	0.00	77.31
MW-13	03/15/06	103.89	-	26.57	0.00	77.32
MW-13	04/11/06	103.89	-	26.57	0.00	77.32
MW-13	05/23/06	103.89	-	26.71	0.00	77.18
MW-13	08/09/06	103.89	-	27.12	0.00	76.77
MW-13	09/27/06	103.89	-	26.38	0.00	77.51
MW-13	10/18/06	103.89	-	26.31	0.00	77.58
MW-13	11/22/06	103.89	-	26.23	0.00	77.66
MW-13	12/14/06	103.89	-	26.19	0.00	77.70
MW-13	01/11/07	103.89	-	26.21	0.00	77.68
MW-13	03/31/07	103.89	-	26.18	0.00	77.71
MW-13	08/01/07	103.89	-	26.15	0.00	77.74
MW-13	12/13/07	103.89	-	26.10	0.00	77.79
MW-13	01/10/08	103.89	-	26.12	0.00	77.77
MW-13	02/18/08	103.89	-	26.28	0.00	77.61
MW-13	03/31/08	103.89	-	27.39	0.00	76.50
MW-13	04/28/08	103.89	-	26.40	0.00	77.49
MW-13	05/29/08	103.89	-	26.59	0.00	77.30
MW-13	06/30/08	103.89	-	26.65	0.00	77.24
MW-13	07/29/08	103.89	-	27.17	0.00	76.72
MW-13	08/29/08	103.89	-	27.27	0.00	76.62
MW-13	09/30/08	103.89	-	27.08	0.00	76.81
MW-13	10/31/08	103.89	-	26.91	0.00	76.98
MW-13	11/26/08	103.89	-	26.77	0.00	77.12
MW-13	12/31/08	103.89	-	26.75	0.00	77.14
MW-13	01/30/09	103.89	-	26.78	0.00	77.11
MW-13	02/26/09	103.89	-	26.75	0.00	77.14

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-13	03/31/09	103.89	-	26.83	0.00	77.06
MW-13	04/30/09	103.89	-	26.88	0.00	77.01
MW-13	05/29/09	103.89	-	27.13	0.00	76.76
MW-13	06/26/09	103.89	-	27.38	0.00	76.51
MW-13	07/31/09	103.89	-	27.61	0.00	76.28
MW-13	08/28/09	103.89	-	27.82	0.00	76.07
MW-13	09/25/09	103.89	-	27.91	0.00	75.98
MW-13	10/30/09	103.89	-	27.97	0.00	75.92
MW-13	11/27/09	103.89	-	27.96	0.00	75.93
MW-13	12/21/09	103.89	-	27.94	0.00	75.95
MW-13	01/29/10	103.89	-	28.03	0.00	75.86
MW-13	02/26/10	103.89	-	27.92	0.00	75.97
MW-13	03/26/10	103.89	-	27.76	0.00	76.13
MW-13	04/30/10	103.89	-	27.68	0.00	76.21
MW-13	05/27/10	103.89	-	27.91	0.00	75.98
MW-13	06/30/10	103.89	-	28.28	0.00	75.61
MW-13	07/30/10	103.89	-	27.12	0.00	76.77
MW-13	08/26/10	103.89	-	26.93	0.00	76.96
MW-13	09/28/10	103.89	-	26.99	0.00	76.90
MW-13	10/29/10	103.89	-	27.10	0.00	76.79
MW-13	11/29/10	103.89	-	27.10	0.00	76.79
MW-13	12/29/10	103.89	-	27.22	0.00	76.67
MW-13	01/28/11	103.89	-	27.47	0.00	76.42
MW-13	02/25/11	103.89	-	27.55	0.00	76.34
MW-13	03/25/11	103.89	-	27.66	0.00	76.23
MW-13	04/29/11	103.89	-	28.05	0.00	75.84
MW-13	05/31/11	103.89	-	28.36	0.00	75.53
MW-13	06/29/11	103.89	-	28.76	0.00	75.13
MW-13	07/29/11	103.89	-	29.08	0.00	74.81
MW-13	08/31/11	103.89	-	29.31	0.00	74.58
MW-13	09/30/11	103.89	-	29.37	0.00	74.52
MW-13	10/28/11	103.89	-	29.38	0.00	74.51
MW-13	11/30/11	103.89	-	28.41	0.00	75.48
MW-13	12/30/11	103.89	-	28.38	0.00	75.51
MW-13	01/31/12	103.89	-	28.33	0.00	75.56
MW-13	02/28/12	103.89	-	28.25	0.00	75.64
MW-13	03/30/12	103.89	-	28.22	0.00	75.67
MW-13	04/27/12	103.89	-	28.29	0.00	75.60

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-13	05/30/12	103.89	-	28.39	0.00	75.50
MW-13	06/27/12	103.89	-	28.57	0.00	75.32
MW-13	07/26/12	103.89	-	28.78	0.00	75.11
MW-13	08/31/12	103.89	-	28.97	0.00	74.92
MW-13	09/27/12	103.89	-	29.26	0.00	74.63
MW-13	10/26/12	103.89	-	28.77	0.00	75.12
MW-13	11/30/12	103.89	-	28.66	0.00	75.23
MW-13	12/27/12	103.89	-	28.60	0.00	75.29
MW-13	01/31/13	103.89	-	28.63	0.00	75.26
MW-13	02/28/13	103.89	-	28.59	0.00	75.30
MW-13	03/28/13	103.89	-	28.59	0.00	75.30
MW-13	04/26/13	103.89	-	28.62	0.00	75.27
MW-13	05/24/13	103.89	-	28.69	0.00	75.20
MW-13	06/27/13	103.89	-	29.07	0.00	74.82
MW-13	07/26/13	103.89	-	29.14	0.00	74.75
MW-13	08/29/13	103.89	-	29.30	0.00	74.59
MW-13	09/26/13	103.89	-	29.41	0.00	74.48
MW-13	10/31/13	103.89	-	29.24	0.00	74.65
MW-13	11/26/13	103.89	-	29.12	0.00	74.77
MW-13	12/27/13	103.89	-	29.05	0.00	74.84
MW-13	01/31/14	3,505.38	-	28.98	0.00	3,476.40
MW-13	02/28/14	3,505.38	-	28.93	0.00	3,476.45
MW-13	03/28/14	3,505.38	-	28.91	0.00	3,476.47
MW-13	06/30/14	3,505.38	-	29.55	0.00	3,475.83
MW-13	09/29/14	3,505.38	-	28.60	0.00	3,476.78
MW-13	11/10/14	3,505.38	-	27.76	0.00	3,477.62
MW-13	03/19/15	3,505.38	-	27.21	0.00	3,478.17
MW-13	06/02/15	3,505.38	-	27.08	0.00	3,478.30
MW-13	08/18/15	3,505.38	-	27.68	0.00	3,477.70
MW-13	11/25/15	3,505.38	-	27.30	0.00	3,478.08
MW-13	02/11/16	3,505.38	-	27.15	0.00	3,478.23
MW-13	05/04/16	3,505.38	-	27.00	0.00	3,478.38
MW-13	08/11/16	3,505.38	-	27.03	0.00	3,478.35
MW-13	12/01/16	3,505.38	-	25.96	0.00	3,479.42
MW-13	03/07/17	3,505.38	-	25.87	0.00	3,479.51
MW-13	06/07/17	3,505.38	-	26.09	0.00	3,479.29
MW-13	07/10/17	3,505.38	-	26.39	0.00	3,478.99
MW-13	08/28/17	3,505.38	-	26.31	0.00	3,479.07

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
MW-13	09/15/17	3,505.38	-	26.29	0.00	3,479.09
MW-13	12/05/17	3,505.38	-	26.05	0.00	3,479.33
MW-13	12/20/17	3,505.38	-	26.03	0.00	3,479.35
MW-13	01/12/18	3,505.38	-	26.09	0.00	3,479.29
MW-13	02/20/18	3,505.38	-	26.15	0.00	3,479.23
MW-13	04/23/18	3,505.38	-	26.27	0.00	3,479.11
MW-13	05/30/18	3,505.38	-	26.53	0.00	3,478.85
MW-13	06/27/18	3,505.38	-	26.74	0.00	3,478.64
MW-13	07/30/18	3,505.38	-	27.02	0.00	3,478.36
MW-13	08/28/18	3,505.38	-	27.22	0.00	3,478.16
MW-13	10/08/18	3,505.38	-	26.99	0.00	3,478.39
MW-13	11/07/18	3,505.38	-	29.02	0.00	3,476.36
MW-13	12/10/18	3,505.38	-	26.57	0.00	3,478.81
MW-13	12/26/18	3,505.38	-	26.51	0.00	3,478.87
MW-13	01/25/19	3,505.38	-	26.55	0.00	3,478.83
MW-13	02/26/19	3,505.38	-	26.51	0.00	3,478.87
MW-13	03/25/19	3,505.38	-	26.55	0.00	3,478.83
MW-13	04/29/19	3,505.38	-	26.48	0.00	3,478.90
MW-13	06/04/19	3,505.38	-	26.68	0.00	3,478.70
MW-13	06/27/19	3,505.38	-	26.91	0.00	3,478.47
MW-13	09/04/19	3,505.38	-	27.30	0.00	3,478.08
MW-13	10/03/19	3,505.38	-	27.12	0.00	3,478.26
MW-13	11/19/19	3,505.38	-	26.68	0.00	3,478.70
RW-1	04/03/96	106.40	-	27.37	0.00	79.03
RW-1	07/18/96	106.40	-	28.25	0.00	78.15
RW-1	08/01/96	106.40	-	28.47	0.00	77.93
RW-1	10/09/97	106.40	-	27.37	0.00	79.03
RW-1	01/22/98	106.40	-	27.37	0.00	79.03
RW-1	02/18/98	106.40	-	30.87	0.00	75.53
RW-1	04/02/98	106.40	-	30.78	0.00	75.62
RW-1	05/05/98	106.40	-	30.68	0.00	75.72
RW-1	07/07/98	106.40	-	31.82	0.00	74.58
RW-1	10/02/98	106.40	-	32.01	0.00	74.39
RW-1	01/14/99	106.40	-	31.20	0.00	75.20
RW-1	04/15/99	106.40	-	31.07	0.00	75.33
RW-1	07/13/99	106.40	-	30.16	0.00	76.24
RW-1	08/11/99	106.40	-	31.09	0.00	75.31

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
RW-1	09/22/99	106.40	-	29.73	0.00	76.67
RW-1	10/28/99	106.40	-	30.69	0.00	75.71
RW-1	11/23/99	106.40	-	30.72	0.00	75.68
RW-1	12/17/99	106.40	-	28.58	0.00	77.82
RW-1	01/13/00	106.40	-	30.80	0.00	75.60
RW-1	02/15/00	106.40	-	28.03	0.00	78.37
RW-1	03/31/00	106.40	-	30.82	0.00	75.58
RW-1	04/27/00	106.40	-	30.74	0.00	75.66
RW-1	05/31/00	106.40	-	31.22	0.00	75.18
RW-1	06/30/00	106.40	-	31.30	0.00	75.10
RW-1	07/13/00	106.40	-	30.79	0.00	75.61
RW-1	08/30/00	106.40	-	30.69	0.00	75.71
RW-1	09/21/00	106.40	-	31.72	0.00	74.68
RW-1	10/03/00	106.40	-	31.85	0.00	74.55
RW-1	11/29/00	106.40	-	32.09	0.00	74.31
RW-1	12/13/00	106.40	-	32.22	0.00	74.18
RW-1	01/03/01	106.40	-	31.40	0.00	75.00
RW-1	02/06/01	106.40	-	31.42	0.00	74.98
RW-1	03/15/01	106.40	-	31.24	0.00	75.16
RW-1	04/05/01	106.40	-	31.00	0.00	75.40
RW-1	05/03/01	106.40	-	31.09	0.00	75.31
RW-1	06/02/01	106.40	-	31.33	0.00	75.07
RW-1	07/10/01	106.40	-	32.00	0.00	74.40
RW-1	10/02/01	106.40	-	31.94	0.00	74.46
RW-1	01/28/02	106.40	-	30.96	0.00	75.44
RW-1	02/25/02	106.40	-	30.89	0.00	75.51
RW-1	03/25/02	106.40	-	30.90	0.00	75.50
RW-1	04/10/02	106.40	-	30.68	0.00	75.72
RW-1	05/16/02	106.40	-	30.49	0.00	75.91
RW-1	06/17/02	106.40	-	30.56	0.00	75.84
RW-1	07/02/02	106.40	-	30.51	0.00	75.89
RW-1	09/10/02	106.40	-	30.65	0.00	75.75
RW-1	10/08/02	106.40	-	30.43	0.00	75.97
RW-1	11/08/02	106.40	-	30.31	0.00	76.09
RW-1	01/28/03	106.40	-	30.16	0.00	76.24
RW-1	04/02/03	106.40	-	30.00	0.00	76.40
RW-1	07/08/03	106.40	-	30.69	0.00	75.71
RW-1	12/18/03	106.40	-	31.68	0.00	74.72

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
RW-1	06/03/04	106.40	-	29.40	0.00	77.00
RW-1	06/18/04	106.40	-	29.38	0.00	77.02
RW-1	07/12/04	106.40	-	29.28	0.00	77.12
RW-1	07/23/04	106.40	-	29.29	0.00	77.11
RW-1	09/03/04	106.40	-	29.32	0.00	77.08
RW-1	09/27/04	106.40	-	29.47	0.00	76.93
RW-1	09/30/04	106.40	-	29.22	0.00	77.18
RW-1	10/15/04	106.40	-	28.20	0.00	78.20
RW-1	11/09/04	106.40	-	28.15	0.00	78.25
RW-1	11/19/04	106.40	-	28.05	0.00	78.35
RW-1	12/07/04	106.40	-	27.81	0.00	78.59
RW-1	12/17/04	106.40	-	27.79	0.00	78.61
RW-1	01/07/05	106.40	-	27.71	0.00	78.69
RW-1	02/21/05	106.40	-	27.46	0.00	78.94
RW-1	03/29/05	106.40	-	27.34	0.00	79.06
RW-1	04/22/05	106.40	-	27.45	0.00	78.95
RW-1	05/06/05	106.40	-	27.23	0.00	79.17
RW-1	05/23/05	106.40	-	27.21	0.00	79.19
RW-1	08/16/05	106.40	-	27.35	0.00	79.05
RW-1	10/05/05	106.40	-	26.90	0.00	79.50
RW-1	11/18/05	106.40	-	26.60	0.00	79.80
RW-1	01/11/06	106.40	-	26.66	0.00	79.74
RW-1	02/17/06	106.40	-	26.85	0.00	79.55
RW-1	03/15/06	106.40	-	26.72	0.00	79.68
RW-1	04/11/06	106.40	-	26.78	0.00	79.62
RW-1	05/23/06	106.40	-	26.92	0.00	79.48
RW-1	09/27/06	106.40	-	26.19	0.00	80.21
RW-1	10/18/06	106.40	-	26.32	0.00	80.08
RW-1	11/22/06	106.40	-	26.23	0.00	80.17
RW-1	12/14/06	106.40	-	26.28	0.00	80.12
RW-1	01/11/07	106.40	-	26.32	0.00	80.08
RW-1	03/31/07	106.40	-	26.27	0.00	80.13
RW-1	08/01/07	106.40	-	26.24	0.00	80.16
RW-1	12/13/07	106.40	-	26.21	0.00	80.19
RW-1	01/10/08	106.40	-	26.22	0.00	80.18
RW-1	02/18/08	106.40	-	26.54	0.00	79.86
RW-1	03/31/08	106.40	-	26.52	0.00	79.88
RW-1	04/28/08	106.40	-	26.70	0.00	79.70

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
RW-1	05/29/08	106.40	-	26.74	0.00	79.66
RW-1	06/30/08	106.40	-	27.05	0.00	79.35
RW-1	07/29/08	106.40	-	27.94	0.00	78.46
RW-1	08/29/08	106.40	-	27.39	0.00	79.01
RW-1	09/30/08	106.40	-	27.02	0.00	79.38
RW-1	10/31/08	106.40	-	26.89	0.00	79.51
RW-1	11/26/08	106.40	-	26.80	0.00	79.60
RW-1	12/30/08	106.40	-	26.76	0.00	79.64
RW-1	01/30/09	106.40	-	26.98	0.00	79.42
RW-1	02/26/09	106.40	-	26.84	0.00	79.56
RW-1	03/31/09	106.40	-	26.99	0.00	79.41
RW-1	04/30/09	106.40	-	27.00	0.00	79.40
RW-1	05/29/09	106.40	-	27.21	0.00	79.19
RW-1	06/26/09	106.40	-	27.34	0.00	79.06
RW-1	07/31/09	106.40	-	27.58	0.00	78.82
RW-1	08/28/09	106.40	-	27.68	0.00	78.72
RW-1	09/25/09	106.40	-	27.81	0.00	78.59
RW-1	10/30/09	106.40	-	27.99	0.00	78.41
RW-1	11/27/09	106.40	-	28.02	0.00	78.38
RW-1	12/21/09	106.40	-	27.93	0.00	78.47
RW-1	01/29/10	106.40	-	28.14	0.00	78.26
RW-1	02/26/10	106.40	-	28.04	0.00	78.36
RW-1	03/26/10	106.40	-	27.83	0.00	78.57
RW-1	04/30/10	106.40	-	27.80	0.00	78.60
RW-1	05/27/10	106.40	-	27.95	0.00	78.45
RW-1	06/30/10	106.40	-	28.20	0.00	78.20
RW-1	07/30/10	106.40	-	26.28	0.00	80.12
RW-1	08/26/10	106.40	-	26.38	0.00	80.02
RW-1	09/28/10	106.40	-	26.47	0.00	79.93
RW-1	10/29/10	106.40	-	26.74	0.00	79.66
RW-1	11/29/10	106.40	-	26.82	0.00	79.58
RW-1	12/29/10	106.40	-	26.88	0.00	79.52
RW-1	01/28/11	106.40	-	27.37	0.00	79.03
RW-1	02/25/11	106.40	-	27.53	0.00	78.87
RW-1	03/25/11	106.40	-	27.64	0.00	78.76
RW-1	04/29/11	106.40	-	28.08	0.00	78.32
RW-1	05/31/11	106.40	-	28.28	0.00	78.12
RW-1	06/29/11	106.40	-	28.53	0.00	77.87

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
RW-1	07/29/11	106.40	-	28.83	0.00	77.57
RW-1	08/31/11	106.40	-	29.10	0.00	77.30
RW-1	09/30/11	106.40	-	29.27	0.00	77.13
RW-1	10/28/11	106.40	-	29.33	0.00	77.07
RW-1	11/30/11	106.40	-	28.31	0.00	78.09
RW-1	12/30/11	106.40	-	28.40	0.00	78.00
RW-1	01/31/12	106.40	-	28.31	0.00	78.09
RW-1	02/28/12	106.40	-	28.25	0.00	78.15
RW-1	03/30/12	106.40	-	28.28	0.00	78.12
RW-1	04/27/12	106.40	-	28.30	0.00	78.10
RW-1	05/30/12	106.40	-	28.37	0.00	78.03
RW-1	06/27/12	106.40	-	28.38	0.00	78.02
RW-1	07/26/12	106.40	-	28.57	0.00	77.83
RW-1	08/31/12	106.40	-	28.76	0.00	77.64
RW-1	09/27/12	106.40	-	28.91	0.00	77.49
RW-1	10/26/12	106.40	-	28.74	0.00	77.66
RW-1	11/30/12	106.40	-	28.59	0.00	77.81
RW-1	12/27/12	106.40	-	28.53	0.00	77.87
RW-1	01/31/13	106.40	-	28.69	0.00	77.71
RW-1	02/28/13	106.40	-	28.72	0.00	77.68
RW-1	03/28/13	106.40	-	28.63	0.00	77.77
RW-1	04/26/13	106.40	-	28.65	0.00	77.75
RW-1	05/24/13	106.40	-	28.75	0.00	77.65
RW-1	06/27/13	106.40	-	28.94	0.00	77.46
RW-1	07/26/13	106.40	-	29.05	0.00	77.35
RW-1	08/29/13	106.40	-	29.11	0.00	77.29
RW-1	09/26/13	106.40	-	29.17	0.00	77.23
RW-1	10/31/13	106.40	-	29.13	0.00	77.27
RW-1	11/26/13	106.40	-	29.07	0.00	77.33
RW-1	12/27/13	106.40	-	29.02	0.00	77.38
RW-1	01/31/14	3,507.26	-	28.91	0.00	3,478.35
RW-1	02/28/14	3,507.26	-	28.90	0.00	3,478.36
RW-1	03/28/14	3,507.26	-	28.92	0.00	3,478.34
RW-1	06/30/14	3,507.26	-	29.34	0.00	3,477.92
RW-1	11/10/14	3,507.26	-	26.75	0.00	3,480.51
RW-1	03/19/15	3,507.26	-	27.18	0.00	3,480.08
RW-1	06/02/15	3,507.26	-	26.84	0.00	3,480.42
RW-1	08/18/15	3,507.26	-	27.38	0.00	3,479.88

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
RW-1	11/25/15	3,507.26	-	27.00	0.00	3,480.26
RW-1	02/11/16	3,507.26	-	26.95	0.00	3,480.31
RW-1	05/04/16	3,507.26	-	27.00	0.00	3,480.26
RW-1	08/11/16	3,507.26	-	27.53	0.00	3,479.73
RW-1	12/01/16	3,507.26	-	25.25	0.00	3,482.01
RW-1	03/29/17	3,507.26	-	25.45	0.00	3,481.81
RW-1	06/07/17	3,507.26	-	25.73	0.00	3,481.53
RW-1	07/10/17	3,507.26	-	25.99	0.00	3,481.27
RW-1	08/28/17	3,507.26	-	25.81	0.00	3,481.45
RW-1	09/15/17	3,507.26	-	25.80	0.00	3,481.46
RW-1	12/05/17	3,507.26	-	25.86	0.00	3,481.40
RW-1	12/20/17	3,507.26	-	25.72	0.00	3,481.54
RW-1	01/12/18	3,507.26	-	25.90	0.00	3,481.36
RW-1	02/20/18	3,507.26	-	25.95	0.00	3,481.31
RW-1	03/27/18	3,507.26	-	26.03	0.00	3,481.23
RW-1	04/23/18	3,507.26	-	26.13	0.00	3,481.13
RW-1	05/30/18	3,507.26	-	26.26	0.00	3,481.00
RW-1	06/27/18	3,507.26	-	26.49	0.00	3,480.77
RW-1	07/30/18	3,507.26	-	26.73	0.00	3,480.53
RW-1	08/28/18	3,507.26	-	27.94	0.00	3,479.32
RW-1	10/08/18	3,507.26	-	26.47	0.00	3,480.79
RW-1	11/07/18	3,507.26	-	26.17	0.00	3,481.09
RW-1	12/26/18	3,507.26	-	26.04	0.00	3,481.22
RW-1	01/25/19	3,507.26	-	26.18	0.00	3,481.08
RW-1	02/26/19	3,507.26	-	26.24	0.00	3,481.02
RW-1	03/25/19	3,507.26	-	26.31	0.00	3,480.95
RW-1	04/29/19	3,507.26	-	26.16	0.00	3,481.10
RW-1	06/04/19	3,507.26	-	26.32	0.00	3,480.94
RW-1	06/27/19	3,507.26	-	26.55	0.00	3,480.71
RW-1	09/04/19	3,507.26	-	26.84	0.00	3,480.42
RW-1	10/03/19	3,507.26	-	26.64	0.00	3,480.62
RW-1	11/20/19	3,507.26	-	25.89	0.00	3,481.37
RW-2	04/03/96	106.65	28.75	28.93	0.18	77.87
RW-2	07/18/96	106.65	29.66	29.81	0.15	76.97
RW-2	08/01/96	106.65	-	30.14	0.00	76.51
RW-2	10/02/96	106.65	29.60	29.80	0.20	77.02
RW-2	10/09/97	106.65	29.60	29.80	0.20	77.02

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
RW-2	01/22/98	106.65	29.60	29.80	0.20	77.02
RW-2	02/18/98	106.65	-	30.12	0.00	76.53
RW-2	04/02/98	106.65	30.02	30.11	0.09	76.62
RW-2	05/05/98	106.65	30.08	30.11	0.03	76.57
RW-2	07/07/98	106.65	30.85	31.10	0.25	75.76
RW-2	10/02/98	106.65	31.49	31.52	0.03	75.16
RW-2	01/14/99	106.65	30.62	30.75	0.13	76.01
RW-2	04/15/99	106.65	30.34	30.55	0.21	76.28
RW-2	07/13/99	106.65	-	29.70	0.00	76.95
RW-2	08/11/99	106.65	28.54	28.55	0.01	78.11
RW-2	09/22/99	106.65	30.47	30.48	0.01	76.18
RW-2	10/28/99	106.65	30.10	30.11	0.01	76.55
RW-2	11/23/99	106.65	-	28.82	0.00	77.83
RW-2	12/17/99	106.65	-	30.10	0.00	76.55
RW-2	01/13/00	106.65	-	23.72	0.00	82.93
RW-2	02/15/00	106.65	-	30.09	0.00	76.56
RW-2	03/31/00	106.65	-	30.12	0.00	76.53
RW-2	04/27/00	106.65	30.03	30.04	0.01	76.62
RW-2	05/31/00	106.65	30.50	30.51	0.01	76.15
RW-2	06/30/00	106.65	30.41	30.50	0.09	76.23
RW-2	07/13/00	106.65	-	30.42	0.00	76.23
RW-2	08/30/00	106.65	-	31.31	0.00	75.34
RW-2	09/21/00	106.65	31.09	31.11	0.02	75.56
RW-2	10/03/00	106.65	31.23	31.25	0.02	75.42
RW-2	11/29/00	106.65	30.93	30.98	0.05	75.71
RW-2	12/13/00	106.65	-	31.03	0.00	75.62
RW-2	01/03/01	106.65	31.04	31.09	0.05	75.60
RW-2	02/06/01	106.65	-	30.55	0.00	76.10
RW-2	03/15/01	106.65	-	30.41	0.00	76.24
RW-2	04/05/01	106.65	-	30.30	0.00	76.35
RW-2	05/03/01	106.65	-	30.38	0.00	76.27
RW-2	06/02/01	106.65	-	30.62	0.00	76.03
RW-2	07/10/01	106.65	31.99	32.00	0.01	74.66
RW-2	10/02/01	106.65	31.02	31.10	0.08	75.62
RW-2	01/28/02	106.65	30.23	30.25	0.02	76.42
RW-2	02/25/02	106.65	-	33.48	0.00	73.17
RW-2	03/25/02	106.65	-	33.17	0.00	73.48
RW-2	04/10/02	106.65	-	29.99	0.00	76.66

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
RW-2	05/16/02	106.65	-	32.97	0.00	73.68
RW-2	06/17/02	106.65	-	29.80	0.00	76.85
RW-2	07/02/02	106.65	-	29.75	0.00	76.90
RW-2	09/10/02	106.65	-	29.60	0.00	77.05
RW-2	10/08/02	106.65	-	29.73	0.00	76.92
RW-2	11/08/02	106.65	-	29.64	0.00	77.01
RW-2	01/28/03	106.65	-	29.51	0.00	77.14
RW-2	04/02/03	106.65	-	29.34	0.00	77.31
RW-2	07/08/03	106.65	-	29.94	0.00	76.71
RW-2	12/18/03	106.65	-	30.90	0.00	75.75
RW-2	06/03/04	106.65	-	29.25	0.00	77.40
RW-2	06/18/04	106.65	-	29.20	0.00	77.45
RW-2	07/12/04	106.65	-	29.14	0.00	77.51
RW-2	07/23/04	106.65	-	29.13	0.00	77.52
RW-2	09/03/04	106.65	-	29.08	0.00	77.57
RW-2	09/24/04	106.65	-	29.30	0.00	77.35
RW-2	09/30/04	106.65	-	28.36	0.00	78.29
RW-2	10/15/04	106.65	-	27.85	0.00	78.80
RW-2	11/07/04	106.65	-	27.97	0.00	78.68
RW-2	11/19/04	106.65	-	27.91	0.00	78.74
RW-2	12/07/01	106.65	-	27.40	0.00	79.25
RW-2	12/17/04	106.65	-	28.53	0.00	78.12
RW-2	01/07/05	106.65	-	27.37	0.00	79.28
RW-2	02/21/05	106.65	-	27.23	0.00	79.42
RW-2	03/29/05	106.65	-	26.96	0.00	79.69
RW-2	04/22/05	106.65	-	27.09	0.00	79.56
RW-2	05/06/05	106.65	-	27.04	0.00	79.61
RW-2	05/23/05	106.65	-	27.01	0.00	79.64
RW-2	08/16/05	106.65	-	27.09	0.00	79.56
RW-2	10/05/05	106.65	-	26.62	0.00	80.03
RW-2	11/18/05	106.65	-	26.41	0.00	80.24
RW-2	01/11/06	106.65	-	26.35	0.00	80.30
RW-2	02/17/06	106.65	-	26.68	0.00	79.97
RW-2	03/15/06	106.65	-	26.61	0.00	80.04
RW-2	04/11/06	106.65	-	26.52	0.00	80.13
RW-2	05/23/06	106.65	-	26.65	0.00	80.00
RW-2	09/27/06	106.65	-	26.02	0.00	80.63
RW-2	10/18/06	106.65	-	26.05	0.00	80.60

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
RW-2	11/22/06	106.65	-	26.03	0.00	80.62
RW-2	12/14/06	106.65	-	26.04	0.00	80.61
RW-2	01/11/07	106.65	-	26.05	0.00	80.60
RW-2	03/31/07	106.65	-	26.03	0.00	80.62
RW-2	08/01/07	106.65	-	26.01	0.00	80.64
RW-2	12/13/07	106.65	-	25.99	0.00	80.66
RW-2	01/10/08	106.65	-	25.99	0.00	80.66
RW-2	02/18/08	106.65	-	26.31	0.00	80.34
RW-2	03/31/08	106.65	-	27.25	0.00	79.40
RW-2	04/28/08	106.65	-	26.42	0.00	80.23
RW-2	05/29/08	106.65	-	26.51	0.00	80.14
RW-2	06/30/08	106.65	-	26.81	0.00	79.84
RW-2	07/29/08	106.65	-	27.01	0.00	79.64
RW-2	08/29/08	106.65	-	27.17	0.00	79.48
RW-2	09/30/08	106.65	-	27.04	0.00	79.61
RW-2	10/31/08	106.65	-	26.99	0.00	79.66
RW-2	11/26/08	106.65	-	26.52	0.00	80.13
RW-2	12/30/08	106.65	-	26.51	0.00	80.14
RW-2	01/30/09	106.65	-	26.64	0.00	80.01
RW-2	02/26/09	106.65	-	26.52	0.00	80.13
RW-2	03/31/09	106.65	-	26.66	0.00	79.99
RW-2	04/30/09	106.65	-	26.66	0.00	79.99
RW-2	05/29/09	106.65	-	26.85	0.00	79.80
RW-2	06/26/09	106.65	-	27.04	0.00	79.61
RW-2	07/31/09	106.65	-	27.28	0.00	79.37
RW-2	08/28/09	106.65	-	27.36	0.00	79.29
RW-2	09/25/09	106.65	-	27.54	0.00	79.11
RW-2	10/30/09	106.65	-	27.70	0.00	78.95
RW-2	11/27/09	106.65	-	27.77	0.00	78.88
RW-2	12/21/09	106.65	-	27.72	0.00	78.93
RW-2	01/29/10	106.65	-	27.85	0.00	78.80
RW-2	02/26/10	106.65	-	27.77	0.00	78.88
RW-2	03/26/10	106.65	-	27.60	0.00	79.05
RW-2	04/30/10	106.65	-	27.49	0.00	79.16
RW-2	05/27/10	106.65	-	27.65	0.00	79.00
RW-2	06/30/10	106.65	-	27.90	0.00	78.75
RW-2	07/30/10	106.65	-	25.96	0.00	80.69
RW-2	08/26/10	106.65	-	25.93	0.00	80.72

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
RW-2	09/28/10	106.65	-	25.98	0.00	80.67
RW-2	10/29/10	106.65	-	26.34	0.00	80.31
RW-2	11/29/10	106.65	-	26.39	0.00	80.26
RW-2	12/29/10	106.65	-	26.51	0.00	80.14
RW-2	01/28/11	106.65	-	26.96	0.00	79.69
RW-2	02/25/11	106.65	-	27.16	0.00	79.49
RW-2	03/25/11	106.65	-	27.25	0.00	79.40
RW-2	04/29/11	106.65	-	27.69	0.00	78.96
RW-2	05/31/11	106.65	-	27.89	0.00	78.76
RW-2	06/29/11	106.65	-	28.14	0.00	78.51
RW-2	07/29/11	106.65	-	28.47	0.00	78.18
RW-2	08/31/11	106.65	-	28.75	0.00	77.90
RW-2	09/30/11	106.65	-	28.93	0.00	77.72
RW-2	10/28/11	106.65	-	28.99	0.00	77.66
RW-2	11/30/11	106.65	-	28.04	0.00	78.61
RW-2	12/30/11	106.65	-	28.19	0.00	78.46
RW-2	01/31/12	106.65	-	28.05	0.00	78.60
RW-2	02/28/12	106.65	-	27.99	0.00	78.66
RW-2	03/30/12	106.65	-	27.98	0.00	78.67
RW-2	04/27/12	106.65	-	27.97	0.00	78.68
RW-2	05/30/12	106.65	-	28.06	0.00	78.59
RW-2	06/27/12	106.65	-	28.09	0.00	78.56
RW-2	07/26/12	106.65	-	28.23	0.00	78.42
RW-2	08/31/12	106.65	-	28.40	0.00	78.25
RW-2	09/27/12	106.65	-	28.55	0.00	78.10
RW-2	10/26/12	106.65	-	28.42	0.00	78.23
RW-2	11/30/12	106.65	-	28.31	0.00	78.34
RW-2	12/27/12	106.65	-	28.24	0.00	78.41
RW-2	01/31/13	106.65	-	28.35	0.00	78.30
RW-2	02/28/13	106.65	-	28.39	0.00	78.26
RW-2	03/28/13	106.65	-	28.35	0.00	78.30
RW-2	04/26/13	106.65	-	28.32	0.00	78.33
RW-2	05/24/13	106.65	-	28.40	0.00	78.25
RW-2	06/27/13	106.65	-	28.56	0.00	78.09
RW-2	07/26/13	106.65	-	28.70	0.00	77.95
RW-2	08/29/13	106.65	-	28.25	0.00	78.40
RW-2	09/26/13	106.65	-	28.83	0.00	77.82
RW-2	10/31/13	106.65	-	28.81	0.00	77.84

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351**

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
RW-2	11/26/13	106.65	-	28.75	0.00	77.90
RW-2	12/27/13	106.65	-	28.71	0.00	77.94
RW-2	01/31/14	3,507.54	-	28.35	0.00	3,479.19
RW-2	02/28/14	3,507.54	-	28.39	0.00	3,479.15
RW-2	03/28/14	3,507.54	-	28.35	0.00	3,479.19
RW-2	03/28/14	3,507.54	-	28.56	0.00	3,478.98
RW-2	06/30/14	3,507.54	-	28.98	0.00	3,478.56
RW-2	09/29/14	3,507.54	-	26.80	0.00	3,480.74
RW-2	11/10/14	3,507.54	-	26.34	0.00	3,481.20
RW-2	03/19/15	3,507.54	-	26.92	0.00	3,480.62
RW-2	06/02/15	3,507.54	-	27.54	0.00	3,480.00
RW-2	08/19/15	3,507.54	-	27.41	0.00	3,480.13
RW-2	02/15/16	3,507.54	-	26.60	0.00	3,480.94
RW-2	05/04/16	3,507.54	-	27.20	0.00	3,480.34
RW-2	08/11/16	3,507.54	-	27.31	0.00	3,480.23
RW-2	12/01/16	3,507.54	-	24.81	0.00	3,482.73
RW-2	03/29/17	3,507.54	-	25.17	0.00	3,482.37
RW-2	06/07/17	3,507.54	-	25.42	0.00	3,482.12
RW-2	07/10/17	3,507.54	-	25.65	0.00	3,481.89
RW-2	08/28/17	3,507.54	-	27.78	0.00	3,479.76
RW-2	09/15/17	3,507.54	-	25.56	0.00	3,481.98
RW-2	12/05/17	3,507.54	-	25.65	0.00	3,481.89
RW-2	12/20/17	3,507.54	-	25.46	0.00	3,482.08
RW-2	01/12/18	3,507.54	-	25.65	0.00	3,481.89
RW-2	02/20/18	3,507.54	-	25.70	0.00	3,481.84
RW-2	03/27/18	3,507.54	-	25.77	0.00	3,481.77
RW-2	04/23/18	3,507.54	-	25.98	0.00	3,481.56
RW-2	05/30/18	3,507.54	-	26.10	0.00	3,481.44
RW-2	06/27/18	3,507.54	-	26.21	0.00	3,481.33
RW-2	07/30/18	3,507.54	-	26.43	0.00	3,481.11
RW-2	08/29/18	3,507.54	-	26.64	0.00	3,480.90
RW-2	10/08/18	3,507.54	-	26.19	0.00	3,481.35
RW-2	11/07/18	3,507.54	-	25.91	0.00	3,481.63
RW-2	12/26/18	3,507.54	-	25.80	0.00	3,481.74
RW-2	01/25/19	3,507.54	-	25.94	0.00	3,481.60
RW-2	02/26/19	3,507.54	-	26.01	0.00	3,481.53
RW-2	03/25/19	3,507.54	-	26.03	0.00	3,481.51
RW-2	04/29/19	3,507.54	-	25.98	0.00	3,481.56

TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Phase Separated Hydrocarbon Thickness (feet)	Corrected Relative Groundwater Elevation (feet)**
RW-2	06/04/19	3,507.54	-	26.15	0.00	3,481.39
RW-2	06/27/19	3,507.54	-	26.36	0.00	3,481.18
RW-2	09/04/19	3,507.54	-	26.69	0.00	3,480.85
RW-2	10/03/19	3,507.54	-	26.37	0.00	3,481.17
RW-2	11/20/19	3,507.54	-	25.70	0.00	3,481.84

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-1	10/17/95	Not Sampled due to the Presence of PSH			
MW-1	07/02/96	Not Sampled due to the Presence of PSH			
MW-1	03/04/96	Not Sampled			
MW-1	07/18/96	Not Sampled			
MW-1	02/10/96	0.29	<0.003	0.12	<0.003
MW-1	09/10/97	Not Sampled			
MW-1	01/22/98	Not Sampled			
MW-1	05/05/98	Not Sampled			
MW-1	08/07/98	Not Sampled			
MW-1	02/10/98	Not Sampled			
MW-1	01/14/99	Not Sampled			
MW-1	04/15/99	Not Sampled			
MW-1	01/13/00	Not Sampled			
MW-1	04/28/00	Not Sampled			
MW-1	06/10/00	Not Sampled			
MW-1	03/01/01	Not Sampled			
MW-1	05/01/04	Not Sampled			
MW-1	10/01/07	Not Sampled			
MW-1	03/01/10	Not Sampled			
MW-1	01/28/02	Not Sampled			
MW-1	10/02/04	Not Sampled			
MW-1	02/02/07	Not Sampled			
MW-1	08/02/10	Not Sampled			
MW-1	01/29/03	Not Sampled			
MW-1	02/03/04	0.372	ND	0.0981	0.0403
MW-1	08/03/07	Not Sampled			
MW-1	12/18/03	0.403	ND	0.076	0.02
MW-1	06/04/05	0.263	<0.001	0.05	0.012
MW-1	07/23/04	Not Sampled due to the Presence of PSH			
MW-1	09/30/04	0.122	<0.001	0.018	0.009
MW-1	12/17/04	0.097	<0.001	0.011	0.012
MW-1	03/29/05	0.265	<0.001	0.031	0.019
MW-1	05/23/05	0.174	<0.001	0.042	0.032
MW-1	08/16/05	0.283	<0.001	0.046	0.031
MW-1	11/18/05	0.1	<0.001	0.035	0.023
MW-1	02/17/06	0.272	<0.005	0.078	0.024
MW-1	05/23/06	0.219	<0.001	0.0716	0.0474
MW-1	09/06/08	0.187	<0.001	0.0647	0.0439
MW-1	11/22/06	0.174	<0.001	0.0154	0.0292
MW-1	03/31/07	0.129	<0.001	0.0274	0.0284

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-1	01/07/08	0.207	<0.0100	0.0454	0.387
MW-1	12/13/07	0.1687	ND	0.0351	0.036
MW-1	03/31/08	0.0915	0.0027	0.0055	0.008
MW-1	06/30/08	0.2111	0.0045	0.03	0.01
MW-1	09/30/08	0.3516	0.0603	0.053	0.0372
MW-1	12/30/08	0.3155	ND	0.0565	ND
MW-1	03/31/09	0.1453	ND	0.0386	0.019
MW-1	06/26/09	0.328	0.212	ND	ND
MW-1	09/25/09	0.314	ND	0.073	ND
MW-1	12/21/09	0.3203	ND	0.0721	0.036
MW-1	03/26/10	0.2837	ND	0.0633	0.0222
MW-1	06/30/10	0.3557	ND	0.0724	0.0149
MW-1	09/28/10	0.1313	ND	0.0207	0.015
MW-1	12/30/10	0.1362	ND	ND	ND
MW-1	03/25/11	0.372	ND	0.0416	ND
MW-1	06/29/11	0.398	ND	0.0855	0.101
MW-1	09/30/11	0.368	ND	0.0582	ND
MW-1	12/30/11	0.313	ND	0.081	ND
MW-1	03/30/12	0.313	ND	0.0578	0.02
MW-1	06/27/12	0.254	ND	0.0573	ND
MW-1	09/27/12	0.288	ND	0.0514	0.013
MW-1	12/27/12	0.267	ND	0.458	0.0179
MW-1	03/28/13	0.205	ND	0.0397	0.014
MW-1	06/27/13	0.444	ND	0.0963	0.0112
MW-1	09/26/13	Not Sampled due to the Presence of PSH			
MW-1	12/27/13	Not Sampled due to the Presence of PSH			
MW-1	03/31/14	Not Sampled due to the Presence of PSH			
MW-1	05/30/14	Not Sampled due to the Presence of PSH			
MW-1	10/17/14	-	-	-	-
MW-1	12/03/14	Not Sampled due to the Presence of PSH			
MW-1	03/19/15	Not Sampled due to the Presence of PSH			
MW-1	06/05/15	Not Sampled due to the Presence of PSH			
MW-1	08/19/15	Not Sampled due to the Presence of PSH			
MW-1	11/25/15	Not Sampled due to the Presence of PSH			
MW-1	02/15/16	0.146	<0.00200	0.0412	0.0359
MW-1	05/06/16	0.137	0.00335	0.0423	0.0412
MW-1	08/15/16	0.307	<0.0100	0.0683	<0.0100
MW-1	12/01/16	0.0516	<0.00200	<0.00200	0.0217
MW-1	03/07/17	0.260	0.00194	0.00649	0.00717
MW-1	06/07/17	0.392	0.00739	0.0121	0.01404

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOC D REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-1	08/30/17	0.0464	<0.00200	<0.00200	<0.00400
MW-1	12/04/17	0.350	<0.0100	0.0243	<0.00200
MW-1	02/21/18	<0.00200	<0.00200	<0.00200	<0.00400
MW-1	03/27/18	0.178	<0.0100	0.0230	<0.00200
MW-1	05/31/18	0.257	<0.0100	0.0360	<0.0200
MW-1	08/29/18	0.219	<0.0100	0.0507	<0.0200
MW-1	11/08/18	0.188	<0.0100	0.00545	0.0245
MW-1	02/27/19	0.249	<0.00500	0.0278	<0.0100
MW-1	06/05/19	0.252	<0.00500	0.0572	0.0143
MW-1	09/05/19	0.128	<0.00100	0.00930	0.0393
MW-1	11/20/19	0.153	<0.00100	0.00983	0.0516
MW-2	10/17/95	Not Sampled due to the Presence of PSH			
MW-2	07/02/96	Not Sampled due to the Presence of PSH			
MW-2	03/04/96	Not Sampled due to the Presence of PSH			
MW-2	07/18/96	Not Sampled due to the Presence of PSH			
MW-2	02/10/96	Not Sampled due to the Presence of PSH			
MW-2	09/10/97	Not Sampled			
MW-2	01/22/98	Not Sampled			
MW-2	05/05/98	Not Sampled			
MW-2	08/07/98	Not Sampled			
MW-2	02/10/98	Not Sampled			
MW-2	01/14/99	Not Sampled			
MW-2	04/15/99	Not Sampled			
MW-2	01/13/00	Not Sampled			
MW-2	04/28/00	Not Sampled			
MW-2	06/10/00	Not Sampled			
MW-2	03/01/01	Not Sampled			
MW-2	05/01/04	Not Sampled			
MW-2	10/01/07	Not Sampled			
MW-2	03/01/10	Not Sampled			
MW-2	01/28/02	Not Sampled due to the Presence of PSH			
MW-2	10/02/04	Not Sampled due to the Presence of PSH			
MW-2	02/02/07	Not Sampled due to the Presence of PSH			
MW-2	08/02/10	Not Sampled due to the Presence of PSH			
MW-2	01/29/03	Not Sampled due to the Presence of PSH			
MW-2	02/03/04	Not Sampled due to the Presence of PSH			
MW-2	08/03/07	Not Sampled due to the Presence of PSH			
MW-2	12/18/03	Not Sampled due to the Presence of PSH			
MW-2	06/04/05	Not Sampled due to the Presence of PSH			

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOC D REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-2	07/23/04	Not Sampled due to the Presence of PSH			
MW-2	09/30/04	0.638	0.065	0.379	0.841
MW-2	12/17/04	0.482	0.022	0.442	0.779
MW-2	03/29/05	0.357	0.0396	0.155	0.206
MW-2	05/23/05	Not Sampled due to the Presence of PSH			
MW-2	08/16/05	0.422	<0.001	0.172	0.202
MW-2	11/18/05	0.341	<0.001	0.168	0.126
MW-2	02/17/06	0.587	<0.05	0.529	0.505
MW-2	05/23/06	0.599	<0.01	0.237	0.182
MW-2	09/06/08	0.575	<0.01	0.188	0.112
MW-2	11/22/06	0.577	<0.01	0.135	0.0722
MW-2	03/31/07	0.665	<0.01	0.16	0.044
MW-2	01/07/08	0.64	<0.0100	0.1605	0.0381
MW-2	12/13/07	0.539	ND	0.0955	ND
MW-2	03/31/08	0.738	ND	0.1577	0.053
MW-2	06/30/08	0.8336	0.0107	0.1227	0.058
MW-2	09/30/08	0.7206	0.0509	0.0831	0.051
MW-2	12/30/08	0.9645	ND	0.1245	ND
MW-2	03/31/09	0.8256	ND	0.1024	0.047
MW-2	06/26/09	0.934	ND	ND	ND
MW-2	09/25/09	0.657	ND	0.1925	0.1485
MW-2	12/21/09	0.8145	ND	0.169	0.102
MW-2	03/26/10	1.768	ND	0.2405	0.157
MW-2	06/30/10	1.013	ND	0.202	0.172
MW-2	09/28/10	0.733	ND	0.0917	0.0297
MW-2	12/30/10	0.799	ND	ND	0.129
MW-2	03/25/11	1.61	ND	0.246	0.128
MW-2	06/29/11	2.01	ND	0.292	0.185
MW-2	09/30/11	1.83	ND	0.285	0.266
MW-2	12/30/11	1.94	ND	0.338	0.235
MW-2	03/30/12	1.95	ND	0.347	0.426
MW-2	06/27/12	1.3	ND	0.213	0.129
MW-2	09/27/12	1.77	ND	0.164	0.124
MW-2	12/27/12	1.53	ND	0.179	0.135
MW-2	03/28/13	1.3	ND	0.146	0.151
MW-2	06/27/13	Not Sampled due to the Presence of PSH			
MW-2	09/26/13	Not Sampled due to the Presence of PSH			
MW-2	12/27/13	Not Sampled due to the Presence of PSH			
MW-2	03/31/14	Not Sampled due to the Presence of PSH			
MW-2	05/30/14	Not Sampled due to the Presence of PSH			

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-2	10/17/14	Not Sampled due to the Presence of PSH			
MW-2	12/03/14	Not Sampled due to the Presence of PSH			
MW-2	03/19/15	Not Sampled due to the Presence of PSH			
MW-2	06/05/15	Not Sampled due to the Presence of PSH			
MW-2	08/19/15	Not Sampled due to the Presence of PSH			
MW-2	11/25/15	Not Sampled due to the Presence of PSH			
MW-2	02/15/16	Not Sampled due to the Presence of PSH			
MW-2	05/06/16	Not Sampled due to the Presence of PSH			
MW-2	08/15/16	Not Sampled due to the Presence of PSH			
MW-2	12/01/16	Not Sampled due to the Presence of PSH			
MW-2	03/08/17	Not Sampled due to the Presence of PSH			
MW-2	06/07/17	Not Sampled due to the Presence of PSH			
MW-2	08/30/17	0.743	<0.0100	0.128	0.0303
MW-2	12/04/17	0.421	0.0336	0.129	0.344
MW-2	02/21/18	<0.00200	<0.00200	<0.00200	<0.00400
MW-2	03/27/18	0.214	0.00352	0.0443	0.0315
MW-2	05/31/18	0.497	<0.0100	0.133	<0.0200
MW-2	08/29/18	0.650	<0.0500	0.0976	<0.100
MW-2	11/08/18	0.274	<0.0100	0.162	0.0845
MW-2	02/27/19	1.36	0.00625	0.399	0.310
MW-2	06/05/19	1.68	<0.0100	0.286	0.1475
MW-2	09/05/19	0.368	<0.00100	0.151	0.0762
MW-2	11/20/19	0.777	<0.00100	0.207	0.1472
MW-3	02/16/93	2.5	0.01	0.37	0.64
MW-3	10/17/95	2	ND	0.12	0.12
MW-3	02/10/96	1.9	ND	0.32	ND
MW-3	10/04/97	1	ND	0.29	ND
MW-3	09/10/97	1.5	ND	0.28	0.028
MW-3	05/05/98	1.2	ND	0.13	0.012
MW-3	04/15/99	Not Sampled due to the Presence of PSH			
MW-3	04/28/00	2.8	ND	0.19	ND
MW-3	10/02/04	1.47	0.006	0.341	0.399
MW-3	01/29/03	Not Sampled			
MW-3	02/03/04	1.54	ND	0.213	0.0815
MW-3	08/03/07	Not Sampled			
MW-3	12/18/03	0.959	ND	0.039	0.0072
MW-3	06/04/05	0.803	<0.001	0.132	0.047
MW-3	07/23/04	Not Sampled due to the Presence of PSH			
MW-3	09/30/04	1.45	0.003	0.176	0.0761

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-3	12/17/04	<0.001	<0.001	<0.001	<0.003
MW-3	03/29/05	0.962	<0.001	<0.001	<0.003
MW-3	05/23/05	0.007	<0.001	<0.001	<0.003
MW-3	08/16/05	0.028	<0.001	0.002	0.003
MW-3	11/18/05	0.013	<0.001	<0.001	<0.003
MW-3	02/17/06	0.257	<0.005	0.0283	0.177
MW-3	05/23/06	0.242	<0.002	0.0331	0.0294
MW-3	09/06/08	0.421	<0.005	0.0844	0.028
MW-3	11/22/06	0.00934	<0.001	<0.001	<0.003
MW-3	03/31/07	0.12	<0.001	0.0391	<0.003
MW-3	01/07/08	0.0056	<0.0010	<0.0010	<0.0030
MW-3	12/13/07	ND	ND	ND	ND
MW-3	03/31/08	0.0906	ND	0.0037	ND
MW-3	06/30/08	0.1805	0.0028	0.0129	0.0045
MW-3	09/30/08	0.2517	0.0231	0.0158	ND
MW-3	12/30/08	0.3475	0.11	0.095	0.221
MW-3	03/31/09	0.9449	0.3079	0.1205	0.087
MW-3	06/26/09	0.706	ND	ND	ND
MW-3	09/25/09	1.304	ND	0.2275	ND
MW-3	12/21/09	1.374	ND	0.199	ND
MW-3	03/26/10	1.922	ND	0.394	ND
MW-3	06/30/10	1.497	ND	0.322	0.1565
MW-3	09/28/10	0.0768	0.0021	0.015	0.0358
MW-3	12/30/10	0.564	ND	0.2145	0.268
MW-3	03/25/11	1	ND	0.183	0.087
MW-3	06/29/11	0.368	ND	0.0915	ND
MW-3	09/30/11	1.52	ND	0.31	0.142
MW-3	12/30/11	1.35	ND	0.381	0.184
MW-3	03/30/12	1.7	ND	0.468	0.233
MW-3	06/27/12	1.64	ND	0.508	0.319
MW-3	09/27/12	1.61	ND	0.329	0.231
MW-3	12/27/12	1.9	ND	0.474	0.321
MW-3	03/28/13	1.64	ND	0.331	0.205
MW-3	06/27/13	3.07	ND	0.64	0.5
MW-3	09/26/13	1.91	ND	0.527	0.483
MW-3	12/27/13	Not Sampled			
MW-3	03/31/14	0.881	<0.0100	0.289	0.204
MW-3	06/30/14	0.385	<0.00200	0.140	0.815
MW-3	10/17/14	0.165	<0.00200	0.108	0.0520
MW-3	12/03/14	Not Sampled Due to Presence of PSH			

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-3	03/19/15	Not Sampled Due to Presence of PSH			
MW-3	06/05/15	Not Sampled Due to Presence of PSH			
MW-3	08/19/15	Not Sampled Due to Presence of PSH			
MW-3	11/25/15	Not Sampled Due to Presence of PSH			
MW-3	02/15/16	0.247	<0.00200	0.0731	0.0521
MW-3	05/06/16	1.14	<0.0100	0.5060	0.3138
MW-3	08/15/16	0.291	<0.0100	0.0869	0.0619
MW-3	12/01/16	0.100	<0.100	<0.100	<0.100
MW-3	03/07/17	0.855	<0.0750	0.457	0.240
MW-3	06/07/17	1.54	<0.0400	0.791	0.275
MW-3	08/30/17	0.562	<0.0100	0.0873	0.0511
MW-3	12/04/17	0.393	<0.00200	0.166	0.05675
MW-3	02/21/18	0.251	<0.00200	0.144	0.05429
MW-3	05/31/18	0.381	<0.0100	0.232	0.0869
MW-3	08/29/18	0.443	<0.100	0.228	<0.200
MW-3	11/08/18	1.01	<0.0100	0.133	0.0609
MW-3	02/27/19	0.435	<0.00500	0.271	0.0648
MW-3	06/05/19	0.682	<0.0200	0.324	0.0852
MW-3	09/05/19	0.190	<0.00100	0.134	0.0338
MW-3	11/20/19	0.211	<0.00500	0.0768	0.0301
MW-4	02/16/93	ND	ND	ND	ND
MW-4	10/17/95	ND	ND	ND	ND
MW-4	07/02/96	ND	ND	ND	ND
MW-4	03/04/96	ND	ND	ND	ND
MW-4	07/18/96	ND	ND	ND	ND
MW-4	02/10/96	ND	ND	ND	ND
MW-4	01/22/97	ND	ND	ND	ND
MW-4	10/04/97	ND	ND	ND	ND
MW-4	07/16/97	ND	ND	ND	ND
MW-4	09/10/97	ND	ND	ND	ND
MW-4	01/22/98	ND	ND	ND	ND
MW-4	05/05/98	ND	ND	ND	ND
MW-4	08/07/98	ND	ND	ND	ND
MW-4	02/10/98	ND	ND	ND	ND
MW-4	01/14/99	ND	ND	ND	ND
MW-4	04/15/99	ND	ND	ND	ND
MW-4	07/13/99	ND	ND	ND	ND
MW-4	10/13/99	ND	ND	ND	ND
MW-4	01/13/00	ND	ND	ND	ND

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-4	04/29/00	ND	ND	ND	ND
MW-4	12/07/00	ND	ND	ND	ND
MW-4	03/10/00	ND	ND	ND	ND
MW-4	03/01/01	ND	ND	ND	ND
MW-4	05/01/04	0.006	ND	ND	ND
MW-4	10/01/07	ND	ND	ND	ND
MW-4	02/01/10	ND	ND	ND	ND
MW-4	01/28/02	ND	ND	ND	ND
MW-4	10/02/04	ND	ND	ND	ND
MW-4	02/02/07	ND	ND	ND	ND
MW-4	08/02/10	ND	ND	ND	ND
MW-4	01/29/03	ND	ND	ND	ND
MW-4	02/03/04	ND	ND	ND	ND
MW-4	08/03/07	ND	ND	ND	ND
MW-4	12/18/03	ND	ND	ND	ND
MW-4	06/04/05	Not Sampled			
MW-4	07/23/04	<0.001	<0.001	<0.001	<0.003
MW-4	09/30/04	Not Sampled			
MW-4	12/17/04	Not Sampled			
MW-4	03/29/05	Monitor Well entered into Annual Sampling			
MW-4	05/23/05	Monitor Well entered into Annual Sampling			
MW-4	08/16/05	<0.001	<0.001	<0.001	<0.003
MW-4	11/18/05	Monitor Well entered into Annual Sampling			
MW-4	02/17/06	<0.001	<0.001	<0.001	<0.003
MW-4	05/23/06	Not Sampled A			
MW-4	09/06/08	<0.001	<0.001	0.0225	<0.003
MW-4	11/22/06	Not Sampled A			
MW-4	03/31/07	0.00146	<0.001	<0.001	<0.003
MW-4	01/07/08	<0.0010	<0.0010	<0.0010	<0.0030
MW-4	12/13/07				
MW-4	03/31/08	Not Sampled A			
MW-4	06/30/08	ND	ND	ND	ND
MW-4	09/30/08	Not Sampled A			
MW-4	12/30/08	0.0043	0.0121	0.004	0.0064
MW-4	03/31/09	Not Sampled A			
MW-4	06/26/09	ND	ND	ND	ND
MW-4	09/25/09	Not Sampled A			
MW-4	12/21/09	ND	ND	ND	ND
MW-4	06/30/10	ND	ND	ND	ND
MW-4	12/30/10	ND	ND	ND	ND

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-4	03/25/11	Not Sampled			
MW-4	06/29/11	ND	ND	ND	ND
MW-4	09/30/11	Not Sampled			
MW-4	12/30/11	ND	ND	ND	ND
MW-4	12/27/12	ND	ND	ND	ND
MW-4	03/28/13	ND	ND	ND	ND
MW-4	06/27/13	Not Sampled A			
MW-4	09/26/13	Not Sampled A			
MW-4	12/27/13	Not Sampled A			
MW-4	03/31/14	<0.00100	<0.00200	0.00313	0.00362
MW-4	06/30/14	0.00127	<0.00200	0.00247	0.00269
MW-4	10/17/14	-	-	-	-
MW-4	12/03/14	<0.00100	<0.00200	<0.00100	<0.00200
MW-4	03/19/15	<0.00100	<0.00200	<0.00100	<0.00200
MW-4	06/05/15	<0.00100	<0.00200	<0.00100	<0.00200
MW-4	08/19/15	<0.00100	<0.00100	<0.00100	<0.00200
MW-4	11/25/15	<0.00100	<0.00200	<0.00100	<0.00200
MW-4	02/11/16	<0.00100	<0.00200	<0.00100	<0.00200
MW-4	05/06/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-4	08/15/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-4	11/30/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-4	03/07/17	<0.00200	<0.00150	<0.00200	<0.00200
MW-4	06/06/17	<0.00200	<0.00200	<0.00200	<0.00400
MW-4	08/28/17	<0.00200	<0.00200	<0.00200	<0.00400
MW-4	12/04/17	<0.00200	<0.00200	<0.00200	<0.00400
MW-4	02/20/18	<0.00200	<0.00200	<0.00200	<0.00400
MW-4	05/30/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-4	08/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-4	11/07/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-4	02/26/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-4	06/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-4	09/03/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-4	11/19/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-5	02/16/93	ND	ND	0.002	0.004
MW-5	10/17/95	Not Sampled due to the Presence of PSH			
MW-5	07/02/96	Not Sampled due to the Presence of PSH			
MW-5	03/04/96	Not Sampled due to the Presence of PSH			
MW-5	07/18/96	Not Sampled due to the Presence of PSH			
MW-5	02/10/96	0.002	ND	0.01	0.006

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOC D REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-5	01/22/97	Not Sampled due to the Presence of PSH			
MW-5	10/04/97	0.001	ND	0.012	0.005
MW-5	07/16/97	0.001	ND	0.01	0.011
MW-5	09/10/97	0.001	ND	0.006	0.001
MW-5	01/22/98	Not Sampled due to the Presence of PSH			
MW-5	05/05/98	0.002	ND	0.01	0.008
MW-5	08/07/98	ND	ND	0.003	0.002
MW-5	02/10/98	ND	ND	0.002	0.003
MW-5	01/14/99	ND	ND	ND	ND
MW-5	04/15/99	ND	ND	0.007	0.004
MW-5	07/13/99	ND	ND	0.01	0.015
MW-5	10/13/99	ND	ND	0.005	0.002
MW-5	01/13/00	ND	ND	0.002	ND
MW-5	04/28/00	ND	ND	0.003	ND
MW-5	12/07/00	ND	ND	ND	ND
MW-5	06/10/00	ND	ND	ND	ND
MW-5	03/01/01	ND	ND	ND	ND
MW-5	05/01/04	ND	ND	ND	ND
MW-5	10/01/07	ND	ND	ND	ND
MW-5	02/01/10	ND	ND	ND	ND
MW-5	01/28/02	ND	ND	ND	ND
MW-5	10/02/04	ND	ND	ND	ND
MW-5	02/02/07	ND	ND	ND	ND
MW-5	08/02/10	ND	ND	ND	ND
MW-5	01/29/03	0.0067	ND	ND	ND
MW-5	02/03/04	ND	ND	ND	ND
MW-5	08/03/07	ND	ND	ND	0.0488
MW-5	12/18/03	ND	ND	ND	ND
MW-5	06/04/05	Not Sampled			
MW-5	07/23/04	Not Sampled			
MW-5	09/30/04	Not Sampled			
MW-5	12/17/04	Not Sampled			
MW-5	03/29/05	Not Sampled			
MW-5	05/23/05	Not Sampled			
MW-5	08/16/05	Not Sampled			
MW-5	11/18/05	Not Sampled			
MW-5	02/17/06	Not Sampled A			
MW-5	05/23/06	Not Sampled A			
MW-5	09/06/08	Not Sampled A			
MW-5	11/22/06	Not Sampled A			

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-5	03/31/07	Not Sampled A			
MW-5	01/07/08	Not Sampled A			
MW-5	12/13/07	Not Sampled A			
MW-5	03/31/08	Not Sampled A			
MW-5	06/30/08	Not Sampled A			
MW-5	09/30/08	Not Sampled A			
MW-5	12/30/08	Not Sampled A			
MW-5	03/31/09	Not Sampled A			
MW-5	06/26/09	Not Sampled A			
MW-5	09/25/09	Not Sampled A			
MW-5	12/21/09	Not Sampled A			
MW-5	03/26/10	Not Sampled A			
MW-5	06/30/10	Not Sampled A			
MW-5	09/28/10	Not Sampled A			
MW-5	12/30/10	Not Sampled A			
MW-5	03/25/11	Not Sampled A			
MW-5	06/29/11	Not Sampled A			
MW-5	09/30/11	Not Sampled A			
MW-5	12/30/11	Not Sampled A			
MW-5	03/30/12	Not Sampled A			
MW-5	06/27/12	Not Sampled A			
MW-5	09/27/12	Not Sampled A			
MW-5	12/27/12	Not Sampled A			
MW-5	03/28/13	Not Sampled A			
MW-5	06/27/13	Not Sampled A			
MW-5	09/26/13	Not Sampled A			
MW-5	12/27/13	Not Sampled A			
MW-5	03/31/14	Not Sampled A			
MW-5	05/30/14	Not Sampled A			
MW-5	10/17/14	Not Sampled A			
MW-5	12/03/14	Not Sampled A			
MW-5	03/19/15	Not Sampled			
MW-5	06/05/15	<0.00100	<0.00200	<0.00100	<0.00200
MW-5	08/19/15	Not Sampled			
MW-5	11/25/15	Not Sampled			
MW-5	02/15/16	<0.00100	<0.00200	<0.00100	<0.00200
MW-5	05/04/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-5	08/11/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-5	11/30/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-5	03/29/17	<0.00200	<0.001500	0.00228	0.00212

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-5	06/06/17	<0.00200	<0.00200	<0.00200	<0.00400
MW-5	08/28/17	<0.00200	<0.00200	<0.00200	<0.00400
MW-5	12/04/17	<0.00200	<0.00200	<0.00200	<0.00400
MW-5	02/20/18	<0.00200	<0.00200	<0.00200	<0.00400
MW-5	05/30/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-5	08/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-5	11/07/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-5	02/26/19	<0.00100	<0.00100	<0.00100	0.00387
MW-5	06/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-5	09/03/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-5	11/19/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-6	02/16/93	0.002	0.001	ND	0.091
MW-6	10/17/95	ND	0.002	0.021	0.021
MW-6	07/02/96	ND	ND	0.002	0.009
MW-6	03/04/96	ND	ND	0.004	0.004
MW-6	07/18/96	ND	0.003	ND	ND
MW-6	02/10/96	ND	ND	ND	ND
MW-6	01/22/97	ND	ND	ND	ND
MW-6	10/04/97	ND	ND	ND	ND
MW-6	07/16/97	0.001	0.001	0.001	ND
MW-6	09/10/97	ND	0.002	0.005	0.006
MW-6	01/22/98	0.007	ND	ND	ND
MW-6	05/05/98	0.001	ND	0.001	0.01
MW-6	08/07/98	ND	ND	ND	ND
MW-6	02/10/98	ND	ND	ND	ND
MW-6	01/14/99	ND	ND	ND	ND
MW-6	04/15/99	ND	ND	ND	ND
MW-6	07/13/99	ND	ND	0.008	0.005
MW-6	10/13/99	ND	ND	0.004	0.006
MW-6	01/13/00	ND	ND	0.002	ND
MW-6	04/28/00	ND	ND	0.002	ND
MW-6	12/07/00	0.001	0.001	0.006	0.003
MW-6	06/10/00	ND	ND	ND	ND
MW-6	03/01/01	ND	ND	ND	ND
MW-6	04/01/04	0.007	ND	0.013	0.033
MW-6	10/01/07	ND	ND	ND	ND
MW-6	02/01/10	ND	ND	ND	ND
MW-6	01/28/02	ND	ND	ND	ND
MW-6	10/02/04	0.001	ND	0.003	0.003

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-6	02/02/07	ND	ND	ND	ND
MW-6	08/02/10	ND	ND	0.002	ND
MW-6	01/29/03	ND	ND	ND	ND
MW-6	02/03/04	0.0014	ND	0.0012	0.0012
MW-6	08/03/07	ND	ND	0.001	0.004
MW-6	12/18/03	ND	ND	ND	ND
MW-6	06/04/05	Not Sampled			
MW-6	07/23/04	Not Sampled			
MW-6	09/30/04	Not Sampled			
MW-6	12/17/04	Not Sampled			
MW-6	03/29/05	Not Sampled			
MW-6	05/23/05	Not Sampled			
MW-6	08/16/05	Not Sampled			
MW-6	11/18/05	Not Sampled			
MW-6	02/17/06	Not Sampled A			
MW-6	05/23/06	Not Sampled A			
MW-6	09/06/08	Not Sampled A			
MW-6	11/22/06	Not Sampled A			
MW-6	03/31/07	Not Sampled A			
MW-6	01/07/08	Not Sampled A			
MW-6	12/13/07	Not Sampled A			
MW-6	03/31/08	Not Sampled A			
MW-6	06/30/08	Not Sampled A			
MW-6	09/30/08	Not Sampled A			
MW-6	12/30/08	Not Sampled A			
MW-6	03/31/09	Not Sampled A			
MW-6	06/26/09	Not Sampled A			
MW-6	09/25/09	Not Sampled A			
MW-6	12/21/09	Not Sampled A			
MW-6	03/26/10	Not Sampled A			
MW-6	06/30/10	Not Sampled A			
MW-6	09/28/10	Not Sampled A			
MW-6	12/30/10	Not Sampled A			
MW-6	03/25/11	Not Sampled A			
MW-6	06/29/11	Not Sampled A			
MW-6	09/30/11	Not Sampled A			
MW-6	12/30/11	Not Sampled A			
MW-6	03/30/12	Not Sampled A			
MW-6	06/27/12	Not Sampled A			
MW-6	09/27/12	Not Sampled A			

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-6	12/27/12	Not Sampled A			
MW-6	03/28/13	Not Sampled A			
MW-6	06/27/13	Not Sampled A			
MW-6	09/26/13	Not Sampled A			
MW-6	12/27/13	Not Sampled A			
MW-6	03/31/14	Not Sampled A			
MW-6	05/30/14	Not Sampled A			
MW-6	10/17/14	Not Sampled A			
MW-6	12/03/14	0.0296	<0.00200	0.0183	0.0350
MW-6	03/19/15	0.00602	<0.00200	0.00225	<0.0020
MW-6	06/05/15	0.0132	<0.00200	0.00273	<0.00200
MW-6	08/19/15	<0.00100	<0.00100	<0.00100	<0.00200
MW-6	11/25/15	<0.00100	<0.00200	<0.00100	<0.00200
MW-6	02/11/16	<0.00100	<0.00200	<0.00100	<0.00200
MW-6	05/04/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-6	08/11/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-6	11/30/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-6	03/29/17	<0.00200	<0.00150	<0.00200	<0.00200
MW-6	06/06/17	0.00324	0.00251	0.00482	<0.00400
MW-6	08/28/17	0.00229	<0.00200	<0.00200	<0.00400
MW-6	12/04/17	0.0120	<0.00200	0.00454	<0.00400
MW-6	02/21/18	0.00390	<0.00200	0.00376	<0.00400
MW-6	05/30/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-6	08/29/18	0.00146	<0.0100	<0.00500	<0.0200
MW-6	11/08/18	0.00993	<0.0100	<0.00500	<0.0200
MW-6	02/27/19	0.00299	<0.00100	0.00292	<0.00200
MW-6	06/05/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-6	09/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-6	11/20/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-7	02/16/93	ND	ND	ND	ND
MW-7	10/17/95	ND	ND	ND	ND
MW-7	07/02/96	ND	ND	ND	ND
MW-7	03/04/96	ND	ND	ND	ND
MW-7	07/18/96	ND	ND	ND	ND
MW-7	02/10/96	ND	ND	ND	ND
MW-7	01/22/97	ND	ND	ND	ND
MW-7	10/04/97	ND	ND	ND	ND
MW-7	07/16/97	ND	ND	ND	ND
MW-7	09/10/97	ND	ND	ND	ND

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-7	01/22/98	ND	ND	ND	ND
MW-7	05/05/98	ND	ND	ND	ND
MW-7	08/07/98	ND	ND	ND	ND
MW-7	02/10/98	ND	ND	ND	ND
MW-7	01/14/99	ND	ND	ND	ND
MW-7	04/15/99	ND	ND	ND	ND
MW-7	07/13/99	ND	ND	ND	ND
MW-7	10/13/99	ND	ND	ND	ND
MW-7	01/13/00	ND	ND	ND	ND
MW-7	04/29/00	ND	ND	ND	ND
MW-7	12/07/00	ND	ND	ND	0.006
MW-7	06/10/00	ND	ND	ND	0.004
MW-7	03/01/01	ND	ND	ND	ND
MW-7	05/01/04	0.006	0.012	0.013	0.034
MW-7	10/01/07	ND	ND	ND	ND
MW-7	02/01/10	ND	ND	ND	ND
MW-7	01/28/02	ND	ND	ND	ND
MW-7	10/02/04	ND	ND	ND	ND
MW-7	02/02/07	ND	ND	ND	ND
MW-7	08/02/10	ND	ND	ND	ND
MW-7	01/29/03	ND	ND	ND	ND
MW-7	02/03/04	ND	ND	ND	ND
MW-7	08/03/07	ND	ND	ND	ND
MW-7	12/18/03	ND	ND	ND	ND
MW-7	06/04/05	Not Sampled			
MW-7	07/23/04	Not Sampled			
MW-7	09/30/04	Not Sampled			
MW-7	12/17/04	Not Sampled			
MW-7	03/29/05	Monitor Well entered into Annual Sampling			
MW-7	05/23/05	Monitor Well entered into Annual Sampling			
MW-7	08/16/05	<0.001	<0.001	<0.001	<0.003
MW-7	11/18/05	Monitor Well entered into Annual Sampling			
MW-7	02/17/06	<0.001	<0.001	<0.001	<0.003
MW-7	05/23/06				
MW-7	09/06/08	<0.001	<0.001	<0.001	<0.003
MW-7	11/22/06				
MW-7	03/31/07	<0.001	<0.001	<0.001	<0.003
MW-7	01/07/08	<0.001	<0.001	<0.001	<0.003
MW-7	12/13/07	Not Sampled A			
MW-7	03/31/08	Not Sampled A			

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-7	06/30/08	0.001	ND	0.001	ND
MW-7	09/30/08	Not Sampled A			
MW-7	12/30/08	0.0046	0.0103	0.0052	0.0059
MW-7	03/31/09	Not Sampled A			
MW-7	06/26/09	0.0011	ND	0.0013	ND
MW-7	09/25/09	Not Sampled A			
MW-7	12/21/09	0.0012	ND	0.0023	ND
MW-7	03/26/10	0.0017	ND	0.0023	ND
MW-7	06/30/10	Not Sampled A			
MW-7	09/28/10	Not Sampled A			
MW-7	12/30/10	0.0028	ND	0.0026	ND
MW-7	03/25/11	Not Sampled A			
MW-7	06/29/11	0.00335	ND	0.00445	ND
MW-7	09/30/11	Not Sampled A			
MW-7	12/30/11	0.0148	ND	0.0149	0.004
MW-7	03/30/12	0.0116	ND	0.015	0.00552
MW-7	06/27/12	0.0088	ND	0.0079	0.00337
MW-7	09/27/12	0.00211	ND	0.00141	ND
MW-7	12/27/12	0.0243	ND	0.0172	0.00656
MW-7	03/28/13	0.0208	ND	0.0105	0.00575
MW-7	06/27/13	0.0073	ND	0.0059	0.00398
MW-7	09/26/13	0.0488	ND	0.985	0.0255
MW-7	12/27/13	ND	ND	ND	ND
MW-7	03/31/14	0.0185	<0.00200	0.00871	0.00840
MW-7	06/30/14	0.0117	<0.00200	0.00425	0.00425
MW-7	10/17/14	0.00136	<0.00200	<0.0010	<0.00200
MW-7	12/03/14	<0.00100	<0.00200	<0.00100	<0.00200
MW-7	03/19/15	<0.00100	<0.00200	<0.00100	<0.00200
MW-7	06/05/15	<0.00100	<0.00200	<0.00100	<0.00200
MW-7	08/19/15	<0.00100	<0.00100	<0.00100	<0.00200
MW-7	11/25/15	<0.00100	<0.00200	<0.00100	<0.00200
MW-7	02/11/16	<0.00100	<0.00200	<0.00100	<0.00200
MW-7	05/04/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-7	08/11/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-7	11/30/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-7	03/29/17	0.00200	<0.00150	<0.00200	<0.00200
MW-7	06/07/17	<0.00200	<0.00200	<0.00200	<0.00400
MW-7	08/28/17	<0.00200	<0.00200	<0.00200	<0.00400
MW-7	12/04/17	<0.00200	<0.00200	<0.00200	<0.00400
MW-7	02/21/18	<0.00200	<0.00200	<0.00200	<0.00400

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-7	05/30/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-7	08/29/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-7	11/08/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-7	02/27/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-7	06/05/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-7	09/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-7	11/20/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-8	09/30/93	Not Sampled due to the Presence of PSH			
MW-8	10/17/95	Not Sampled due to the Presence of PSH			
MW-8	07/02/96	Not Sampled due to the Presence of PSH			
MW-8	03/04/96	Not Sampled due to the Presence of PSH			
MW-8	07/18/96	Not Sampled due to the Presence of PSH			
MW-8	02/10/96	0.003	0.007	0.082	0.052
MW-8	01/22/97	Not Sampled due to the Presence of PSH			
MW-8	10/04/97	ND	0.001	0.054	0.016
MW-8	05/05/98	ND	ND	0.002	0.004
MW-8	04/15/99	0.002	ND	ND	0.001
MW-8	04/28/00	ND	ND	ND	ND
MW-8	05/01/04	ND	ND	ND	ND
MW-8	10/02/04	ND	ND	ND	ND
MW-8	01/29/03	Not Sampled			
MW-8	02/03/04	ND	ND	ND	ND
MW-8	08/03/07	Not Sampled			
MW-8	12/18/03	ND	ND	ND	ND
MW-8	06/04/05	Not Sampled			
MW-8	07/23/04	Not Sampled			
MW-8	09/30/04	Not Sampled			
MW-8	12/17/04	Not Sampled			
MW-8	03/29/05	Monitor Well entered into Annual Sampling			
MW-8	05/23/05	Monitor Well entered into Annual Sampling			
MW-8	08/16/05	<0.001	<0.001	<0.001	<0.003
MW-8	11/18/05	Monitor Well entered into Annual Sampling			
MW-8	02/17/06	<0.001	<0.001	<0.001	<0.003
MW-8	05/23/06				
MW-8	09/06/08	<0.001	<0.001	<0.001	<0.003
MW-8	11/22/06				
MW-8	03/31/07	<0.001	<0.001	<0.001	<0.003
MW-8	01/07/08	<0.001	<0.001	<0.001	<0.003
MW-8	12/13/07	Not Sampled A			

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-8	03/31/08	Not Sampled A			
MW-8	06/30/08	ND	ND	ND	ND
MW-8	09/30/08	Not Sampled A			
MW-8	12/30/08	0.0062	0.0172	0.0064	0.0088
MW-8	03/31/09	Not Sampled A			
MW-8	06/26/09	0.0023	ND	0.0023	ND
MW-8	09/25/09	Not Sampled A			
MW-8	12/21/09	0.0044	ND	0.0049	ND
MW-8	03/26/10	0.005			
MW-8	06/30/10	Not Sampled A			
MW-8	09/28/10	Not Sampled A			
MW-8	12/30/10	Not Sampled A			
MW-8	03/25/11	Not Sampled A			
MW-8	06/29/11	Not Sampled A			
MW-8	09/30/11	Not Sampled A			
MW-8	12/30/11	Not Sampled A			
MW-8	03/30/12	Not Sampled A			
MW-8	06/27/12	Not Sampled A			
MW-8	09/27/12	Not Sampled A			
MW-8	12/27/12	Not Sampled A			
MW-8	03/28/13	Not Sampled A			
MW-8	06/27/13	Not Sampled A			
MW-8	09/26/13	Not Sampled A			
MW-8	12/27/13	Not Sampled A			
MW-8	03/31/14	Not Sampled A			
MW-8	05/30/14	Not Sampled A			
MW-8	10/17/14	Not Sampled A			
MW-8	12/03/14	Not Sampled A			
MW-8	03/19/15	Not Sampled A			
MW-8	06/05/15	<0.00100	<0.00200	<0.00100	<0.00200
MW-8	08/19/15	Not Sampled A			
MW-8	11/25/15	Not Sampled A			
MW-8	02/15/16	<0.00100	<0.00200	<0.00100	<0.00200
MW-8	05/04/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-8	08/11/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-8	11/30/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-8	03/29/17	<0.00200	0.00238	<0.00200	<0.00200
MW-8	06/06/17	<0.00200	<0.00200	<0.00200	<0.00400
MW-8	08/28/17	<0.00200	<0.00200	<0.00200	<0.00400
MW-8	12/04/17	<0.00200	<0.00200	<0.00200	<0.00400

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-8	02/20/18	<0.00200	<0.00200	<0.00200	<0.00400
MW-8	05/30/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-8	08/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-8	11/07/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-8	02/26/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-8	06/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-8	09/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-8	11/19/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-9	09/30/93	ND	ND	ND	ND
MW-9	10/17/95	ND	ND	ND	ND
MW-9	07/02/96	ND	ND	ND	ND
MW-9	03/04/96	ND	ND	ND	ND
MW-9	07/18/96	ND	ND	ND	0.003
MW-9	02/10/96	ND	ND	ND	ND
MW-9	01/22/97	ND	ND	ND	ND
MW-9	10/04/97	ND	ND	ND	ND
MW-9	07/16/97	ND	ND	ND	ND
MW-9	09/10/97	ND	ND	ND	ND
MW-9	01/22/98	ND	ND	ND	ND
MW-9	05/05/98	ND	ND	ND	ND
MW-9	08/07/98	ND	ND	ND	ND
MW-9	02/10/98	ND	ND	ND	ND
MW-9	01/14/99	ND	ND	ND	ND
MW-9	04/15/99	ND	ND	ND	ND
MW-9	07/13/99	ND	ND	ND	ND
MW-9	10/13/99	ND	ND	ND	ND
MW-9	01/13/00	0.002	0.002	ND	ND
MW-9	04/28/00	0.008	0.003	ND	ND
MW-9	12/07/00	ND	ND	ND	ND
MW-9	05/01/04	ND	ND	ND	ND
MW-9	10/01/07	ND	ND	ND	ND
MW-9	02/01/10	ND	ND	ND	ND
MW-9	01/28/02	ND	ND	ND	ND
MW-9	10/02/04	ND	ND	ND	ND
MW-9	02/02/07	ND	ND	ND	ND
MW-9	08/02/10	ND	ND	ND	ND
MW-9	01/29/03	ND	ND	ND	ND
MW-9	02/03/04	ND	ND	ND	ND
MW-9	08/03/07	ND	ND	ND	ND

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-9	12/18/03	ND	ND	ND	ND
MW-9	06/04/05	<0.001	<0.001	<0.001	<0.003
MW-9	07/23/04	Not Sampled			
MW-9	09/30/04	Not Sampled			
MW-9	12/17/04	Not Sampled			
MW-9	03/29/05	Monitor Well entered into Annual Sampling			
MW-9	05/23/05	Monitor Well entered into Annual Sampling			
MW-9	08/16/05	<0.001	<0.001	<0.001	<0.003
MW-9	11/18/05	Monitor Well entered into Annual Sampling			
MW-9	02/17/06	<0.001	<0.001	<0.001	<0.003
MW-9	05/23/06				
MW-9	09/06/08	<0.001	<0.001	<0.001	<0.003
MW-9	11/22/06				
MW-9	03/31/07	<0.001	<0.001	<0.001	<0.003
MW-9	01/07/08	<0.001	<0.001	<0.001	<0.003
MW-9	12/13/07	Not Sampled A			
MW-9	03/31/08	Not Sampled A			
MW-9	06/30/08	ND	ND	ND	ND
MW-9	09/30/08	Not Sampled A			
MW-9	12/31/08	0.0081	0.024	0.0057	0.0091
MW-9	03/31/09	Not Sampled A			
MW-9	06/26/09	ND	ND	ND	ND
MW-9	09/25/09	Not Sampled A			
MW-9	12/21/09	ND	ND	ND	ND
MW-9	03/26/10	ND	ND	ND	
MW-9	06/30/10	Not Sampled A			
MW-9	09/28/10	Not Sampled A			
MW-9	12/30/10	ND	ND	ND	ND
MW-9	03/25/11	Not Sampled A			
MW-9	06/29/11	ND	ND	ND	ND
MW-9	09/30/11	Not Sampled A			
MW-9	12/30/11	ND	ND	ND	ND
MW-9	12/27/12	ND	ND	ND	ND
MW-9	03/28/13	ND	ND	ND	ND
MW-9	06/27/13	Not Sampled A			
MW-9	09/26/13	Not Sampled A			
MW-9	12/27/13	Not Sampled A			
MW-9	03/31/14	<0.00100	<0.00200	0.00298	0.00343
MW-9	05/30/14	Not Sampled A			
MW-9	10/17/14	Not Sampled A			

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-9	12/03/14	<0.00100	<0.00200	<0.00100	0.00290
MW-9	03/19/15	<0.00100	<0.00200	<0.00100	<0.00200
MW-9	06/05/15	<0.00100	<0.00200	<0.00100	<0.00200
MW-9	08/19/15	<0.00100	<0.00100	<0.00100	<0.00200
MW-9	11/25/15	<0.00100	<0.00200	<0.00100	<0.00200
MW-9	02/11/16	<0.00100	<0.00200	<0.00100	<0.00200
MW-9	05/06/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-9	08/15/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-9	12/01/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-9	03/07/17	<0.00200	<0.00150	<0.00200	<0.00200
MW-9	06/06/17	<0.00200	<0.00200	<0.00200	<0.00400
MW-9	08/28/17	<0.00200	<0.00200	<0.00200	<0.00400
MW-9	12/04/17	<0.00200	<0.00200	<0.00200	<0.00400
MW-9	02/20/18	<0.00200	<0.00200	<0.00200	<0.00400
MW-9	05/30/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-9	08/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-9	11/07/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-9	02/26/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-9	06/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-9	09/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-9	11/19/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-10	09/30/93	ND	ND	0.009	0.001
MW-10	10/17/95	ND	0.003	ND	ND
MW-10	07/02/96	ND	ND	ND	ND
MW-10	03/04/96	0.001	ND	ND	0.002
MW-10	07/18/96	ND	0.002	ND	ND
MW-10	02/10/96	ND	ND	ND	0.007
MW-10	01/22/97	ND	ND	ND	ND
MW-10	10/04/97	ND	0.001	ND	ND
MW-10	07/16/97	0.002	ND	ND	0.005
MW-10	09/10/97	ND	ND	ND	ND
MW-10	01/22/98	ND	ND	ND	ND
MW-10	05/05/98	0.002	ND	ND	0.003
MW-10	08/07/98	ND	ND	ND	ND
MW-10	02/10/98	ND	ND	ND	0.003
MW-10	01/14/99	ND	ND	ND	ND
MW-10	04/15/99	0.001	ND	ND	0.009
MW-10	07/13/99	ND	ND	ND	ND
MW-10	10/13/99	ND	ND	ND	ND

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-10	01/13/00	ND	ND	ND	ND
MW-10	04/28/00	ND	ND	ND	ND
MW-10	12/07/00	ND	0.005	ND	0.02
MW-10	06/10/00	ND	ND	ND	ND
MW-10	03/01/01	ND	ND	ND	ND
MW-10	05/01/04	ND	0.006	ND	ND
MW-10	10/01/07	ND	ND	ND	ND
MW-10	02/01/10	0.01	ND	ND	ND
MW-10	01/28/02	ND	ND	ND	ND
MW-10	10/02/04	ND	ND	ND	ND
MW-10	02/02/07	ND	ND	ND	ND
MW-10	08/02/10	ND	ND	ND	ND
MW-10	01/29/03	ND	ND	ND	ND
MW-10	02/03/04	ND	ND	ND	ND
MW-10	08/03/07	ND	ND	ND	ND
MW-10	12/18/03	ND	ND	ND	ND
MW-10	06/04/05	<0.001	<0.001	<0.001	<0.003
MW-10	07/23/04	Not Sampled			
MW-10	09/30/04	Not Sampled			
MW-10	12/17/04	Not Sampled			
MW-10	03/29/05	Monitor Well entered into Annual Sampling			
MW-10	05/23/05	Monitor Well entered into Annual Sampling			
MW-10	08/16/05	<0.001	<0.001	<0.001	<0.003
MW-10	11/18/05	Monitor Well entered into Annual Sampling			
MW-10	02/17/06	<0.001	<0.001	<0.001	<0.003
MW-10	05/23/06				
MW-10	09/06/08	<0.001	<0.001	<0.001	<0.003
MW-10	11/22/06				
MW-10	03/31/07	<0.001	<0.001	<0.001	<0.003
MW-10	01/07/08	<0.001	<0.001	<0.001	<0.003
MW-10	12/13/07	Not Sampled A			
MW-10	03/31/08	Not Sampled A			
MW-10	06/30/08	ND	ND	ND	ND
MW-10	09/30/08	Not Sampled A			
MW-10	12/31/08	0.0074	0.0249	0.0057	0.0095
MW-10	03/31/09	Not Sampled A			
MW-10	06/26/09	ND	ND	ND	ND
MW-10	09/25/09	Not Sampled A			
MW-10	12/21/09	ND	ND	ND	ND
MW-10	03/26/10	ND	ND	ND	ND

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOC D REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-10	06/30/10	Not Sampled A			
MW-10	09/28/10	Not Sampled A			
MW-10	12/30/10	ND	ND	ND	ND
MW-10	03/25/11	Not Sampled			
MW-10	06/29/11	ND	ND	ND	ND
MW-10	09/30/11	Not Sampled			
MW-10	12/30/11	ND	ND	ND	ND
MW-10	12/27/12	ND	ND	ND	ND
MW-10	03/28/13	ND	ND	ND	ND
MW-10	06/27/13	Not Sampled A			
MW-10	09/26/13	Not Sampled A			
MW-10	12/27/13	Not Sampled A			
MW-10	03/31/14	0.00379	<0.00200	0.0134	0.0174
MW-10	05/30/14	Not Sampled A			
MW-10	10/17/14	Not Sampled A			
MW-10	12/03/14	Not Sampled A			
MW-10	03/19/15	Not Sampled A			
MW-10	04/29/15	<0.00100	<0.00200	<0.00100	<0.00200
MW-10	06/05/15	<0.00100	<0.00200	<0.00100	<0.00200
MW-10	08/19/15	Not Sampled A			
MW-10	11/25/15	Not Sampled A			
MW-10	02/15/16	<0.00100	<0.00200	<0.00100	<0.00200
MW-10	05/06/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-10	08/15/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-10	12/01/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-10	03/07/17	<0.00200	<0.00150	<0.00200	<0.00200
MW-10	06/06/17	<0.00200	<0.00200	<0.00200	<0.00400
MW-10	08/28/17	<0.00200	<0.00200	<0.00200	<0.00400
MW-10	12/04/17	<0.00200	<0.00200	<0.00200	<0.00400
MW-10	02/20/18	<0.00200	<0.00200	<0.00200	<0.00400
MW-10	05/30/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-10	08/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-10	11/07/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-10	02/26/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-10	06/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-10	09/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-10	11/19/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-11	09/30/93	Not Sampled due to the Presence of PSH			
MW-11	10/17/95	Not Sampled due to the Presence of PSH			

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOC D REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-11	07/02/96	Not Sampled due to the Presence of PSH			
MW-11	03/04/96	Not Sampled due to the Presence of PSH			
MW-11	07/18/96	Not Sampled due to the Presence of PSH			
MW-11	02/10/96	Not Sampled due to the Presence of PSH			
MW-11	01/22/97	Not Sampled due to the Presence of PSH			
MW-11	10/04/97	Not Sampled due to the Presence of PSH			
MW-11	05/05/98	Not Sampled due to the Presence of PSH			
MW-11	04/15/99	Not Sampled due to the Presence of PSH			
MW-11	04/28/00	Not Sampled due to the Presence of PSH			
MW-11	05/01/04	2.18	ND	0.596	0.268
MW-11	10/02/04	2.89	0.193	0.968	0.538
MW-11	02/02/07	Not Sampled due to the Presence of PSH			
MW-11	08/02/10	Not Sampled due to the Presence of PSH			
MW-11	01/29/03	Not Sampled due to the Presence of PSH			
MW-11	02/03/04	2.15	0.171	1.01	0.846
MW-11	08/03/07	Not Sampled			
MW-11	12/18/03	Not Sampled			
MW-11	06/04/05	2.25	0.006	1.07	0.291
MW-11	07/23/04	Not Sampled due to the Presence of PSH			
MW-11	09/30/04	1.97	0.004	1.92	0.231
MW-11	12/17/04	1.75	0.004	0.714	0.163
MW-11	03/29/05	1.16	<0.002	0.7	0.121
MW-11	05/23/05	5.12	<0.001	4.75	0.873
MW-11	08/16/05	1.56	<0.002	0.76	0.094
MW-11	11/18/05	0.65	<0.001	0.36	0.047
MW-11	02/17/06	0.571	<0.005	0.399	0.0769
MW-11	05/23/06	0.517	<0.001	0.513	<0.03
MW-11	09/06/08	1.31	<0.001	0.425	<0.0672
MW-11	11/22/06	0.601	<0.001	0.316	<0.03
MW-11	03/31/07	0.275	<0.001	0.186	<0.003
MW-11	01/07/08	0.2775	<0.0500	0.163	<0.1500
MW-11	12/13/07	4.616	ND	1.232	ND
MW-11	03/31/08	0.2648	0.0083	0.1139	0.022
MW-11	06/30/08	0.6838	ND	0.2066	ND
MW-11	09/30/08	0.4075	ND	0.1226	ND
MW-11	12/30/08	0.282	ND	0.063	ND
MW-11	03/31/09	0.2698	ND	0.0595	0.014
MW-11	06/26/09	0.574	ND	0.1105	ND
MW-11	09/25/09	1.776	ND	0.4095	ND
MW-11	12/21/09	1.102	ND	0.2765	ND

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-11	03/26/10	0.4538	ND	0.0977	0.011
MW-11	06/30/10	1.143	ND	0.2448	ND
MW-11	09/28/10	0.6323	ND	0.0686	ND
MW-11	12/30/10	0.888	ND	0.2008	ND
MW-11	03/25/11	0.832	ND	0.243	ND
MW-11	06/29/11	0.906	ND	0.236	0.061
MW-11	09/30/11	1.7	ND	0.492	ND
MW-11	12/30/11	1.44	ND	0.437	ND
MW-11	03/30/12	0.947	ND	0.428	0.158
MW-11	06/27/12	0.994	ND	0.235	ND
MW-11	09/27/12	2.07	ND	0.34	0.041
MW-11	12/27/12	1.55	ND	0.333	0.0437
MW-11	03/28/13	1.02	ND	0.203	0.0318
MW-11	06/27/13	Not Sampled due to the Presence of PSH			
MW-11	09/26/13	1.13	ND	1.49	0.753
MW-11	12/27/13	Not Sampled due to the Presence of PSH			
MW-11	03/31/14	Not Sampled Due to Presence of PSH			
MW-11	05/30/14	Not Sampled Due to Presence of PSH			
MW-11	10/17/14	Not Sampled Due to Presence of PSH			
MW-11	12/03/14	Not Sampled Due to Presence of PSH			
MW-11	03/19/15	Not Sampled Due to Presence of PSH			
MW-11	06/05/15	Not Sampled Due to Presence of PSH			
MW-11	08/19/15	Not Sampled Due to Presence of PSH			
MW-11	11/25/15	Not Sampled Due to Presence of PSH			
MW-11	02/15/16	0.488	<0.0100	0.162	0.0245
MW-11	05/04/16	0.643	<0.0100	0.232	0.0407
MW-11	08/11/16	0.864	<0.0200	0.512	0.0792
MW-11	12/01/16	0.727	<0.00200	0.258	0.0349
MW-11	03/07/17	0.682	<0.0375	0.284	<0.0500
MW-11	06/07/17	1.41	<0.0400	0.543	<0.0800
MW-11	08/30/17	0.179	<0.00200	0.0836	<0.00400
MW-11	12/04/17	1.42	<0.00200	0.253	0.01257
MW-11	02/21/18	0.395	<0.00200	0.166	<0.00400
MW-11	05/31/18	0.325	<0.0100	0.0959	<0.0200
MW-11	08/29/18	0.925	<0.0500	0.345	<0.100
MW-11	11/08/18	0.270	<0.0100	0.165	<0.0200
MW-11	02/27/19	0.287	<0.00100	0.0876	0.05273
MW-11	06/05/19	0.330	<0.00500	<0.00500	<0.0100
MW-11	09/05/19	0.311	<0.00100	0.0510	0.00894
MW-11	11/20/19	1.41	0.00400	0.104	0.0288

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-12	10/02/95	0.59	0.009	0.043	0.067
MW-12	07/19/95	0.58	0.13	0.076	0.032
MW-12	10/17/95	1.4	0.44	0.3	0.163
MW-12	02/10/96	0.68	0.18	0.28	0.1
MW-12	10/04/97	0.84	0.25	0.23	0.075
MW-12	09/10/97	0.78	0.23	0.1	0.047
MW-12	05/05/98	0.93	0.37	0.39	0.13
MW-12	04/15/99	0.77	0.07	0.28	0.058
MW-12	04/28/00	0.24	0.019	0.12	0.011
MW-12	05/01/04	0.195	ND	0.022	ND
MW-12	10/02/04	0.301	ND	0.164	ND
MW-12	01/29/03	Not Sampled			
MW-12	02/03/04	0.29	ND	0.121	0.0037
MW-12	03/03/07	Not Sampled			
MW-12	12/18/03	Not Sampled			
MW-12	06/04/05	0.053	<0.001	0.068	<0.003
MW-12	07/23/04	0.107	<0.001	0.044	0.0024
MW-12	09/30/04	0.067	<0.001	0.067	<0.003
MW-12	12/17/04	0.012	<0.001	0.009	<0.003
MW-12	03/29/05	<0.001	<0.001	<0.001	<0.003
MW-12	05/23/05	<0.001	<0.001	<0.001	<0.003
MW-12	08/16/05	<0.001	<0.001	0.002	<0.003
MW-12	11/18/05	<0.001	<0.001	0.002	<0.003
MW-12	02/17/06	0.008	<0.001	0.0096	<0.003
MW-12	05/23/06	<0.001	<0.001	<0.001	<0.003
MW-12	09/06/08	<0.001	<0.001	<0.001	<0.003
MW-12	11/22/06	0.00398	<0.001	0.00459	<0.003
MW-12	03/31/07	0.00114	<0.001	<0.001	<0.003
MW-12	01/07/08	0.0029	<0.0500	0.163	<0.1500
MW-12	12/13/07	Not Sampled A			
MW-12	03/31/08	Not Sampled A			
MW-12	06/30/08	0.0063	ND	0.0076	ND
MW-12	09/30/08	Not Sampled A			
MW-12	12/30/08	0.036	ND	0.0476	ND
MW-12	03/31/09	Not Sampled A			
MW-12	06/26/09	0.0314	ND	0.0234	ND
MW-12	09/25/09	Not Sampled A			
MW-12	12/21/09	0.064	ND	0.0508	0.003
MW-12	03/26/10	0.525	ND	0.0584	ND

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-12	06/30/10	Not Sampled A			
MW-12	09/28/10	Not Sampled A			
MW-12	12/30/10	0.0196	ND	0.0225	ND
MW-12	03/25/11	Not Sampled			
MW-12	06/29/11	0.04	ND	0.0442	ND
MW-12	09/30/11	Not Sampled			
MW-12	12/30/11	0.0618	ND	0.108	ND
MW-12	03/30/12	0.0349	ND	0.074	0.00494
MW-12	06/27/12	0.0276	ND	0.046	ND
MW-12	09/27/12	0.0142	ND	0.0322	0.00216
MW-12	12/27/12	0.0287	ND	0.0477	0.00787
MW-12	03/28/13	0.0316	ND	0.0521	0.00865
MW-12	06/27/13	0.103	0.00315	0.158	0.0117
MW-12	09/26/13	0.0819	ND	0.194	0.032
MW-12	12/27/13	0.0611	ND	0.109	0.00789
MW-12	03/31/14	0.0592	<0.00200	0.118	0.02001
MW-12	06/30/14	0.0570	0.00202	0.130	0.01843
MW-12	10/17/14	0.00131	<0.00200	<0.00100	<0.00200
MW-12	12/03/14	Not Sampled Due to Presence of PSH			
MW-12	03/19/15	Not Sampled Due to Presence of Hydrocarbon Sheen			
MW-12	06/05/15	0.0165	<0.00200	0.0762	0.00491
MW-12	08/19/15	Not Sampled Due to Presence of Hydrocarbon Sheen			
MW-12	11/25/15	Not Sampled Due to Presence of Hydrocarbon Sheen			
MW-12	02/15/16	<0.00100	<0.00200	<0.00100	<0.00200
MW-12	05/04/16	0.0225	<0.00200	0.0671	<0.00200
MW-12	08/15/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-12	12/01/16	0.00566	<0.00200	0.0216	0.0189
MW-12	03/07/17	0.00717	<0.00150	0.0393	<0.00200
MW-12	06/07/17	0.0218	<0.00200	0.101	<0.00400
MW-12	08/28/17	0.0135	<0.00200	0.0898	<0.00400
MW-12	12/04/17	0.0176	<0.00200	0.0647	<0.00400
MW-12	02/21/18	0.0104	<0.00200	0.0547	<0.00400
MW-12	05/31/18	0.0103	<0.0100	0.0572	<0.0200
MW-12	08/29/18	0.0200	<0.0100	0.0865	0.0594
MW-12	11/07/18	0.00835	<0.0100	0.0524	0.0359
MW-12	12/10/18	0.0137	<0.0100	0.0692	0.0430
MW-12	02/27/19	0.0108	<0.00100	<0.00100	0.0355
MW-12	06/05/19	0.00361	<0.00100	0.0126	<0.00200
MW-12	09/04/19	0.0164	<0.00100	0.119	0.0646
MW-12	11/20/19	0.00559	<0.00100	0.0471	<0.00200

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-13	10/02/95	ND	ND	ND	ND
MW-13	07/19/95	ND	ND	ND	ND
MW-13	10/17/95	ND	ND	ND	ND
MW-13	02/10/96	ND	ND	ND	ND
MW-13	10/04/97	ND	ND	ND	ND
MW-13	09/10/97	ND	ND	ND	ND
MW-13	05/05/98	ND	ND	ND	ND
MW-13	04/15/99	ND	ND	ND	ND
MW-13	04/28/00	ND	ND	ND	ND
MW-13	05/01/04	0.009	ND	ND	ND
MW-13	10/02/04	ND	ND	ND	ND
MW-13	01/29/03	Not Sampled			
MW-13	02/03/04	ND	ND	ND	ND
MW-13	08/03/07	Not Sampled			
MW-13	12/18/03	Not Sampled			
MW-13	06/04/05	<0.001	<0.001	<0.001	<0.003
MW-13	07/23/04	Not Sampled			
MW-13	09/30/04	Not Sampled			
MW-13	12/17/04	Not Sampled			
MW-13	03/29/05	Monitor Well entered into Annual Sampling			
MW-13	05/23/05	Monitor Well entered into Annual Sampling			
MW-13	08/16/05	<0.001	<0.001	<0.001	<0.003
MW-13	11/18/05	Monitor Well entered into Annual Sampling			
MW-13	02/17/06	<0.001	<0.001	<0.001	<0.003
MW-13	05/23/06				
MW-13	09/06/08	<0.001	<0.001	<0.001	<0.003
MW-13	11/22/06				
MW-13	03/31/07	<0.001	<0.001	<0.001	<0.003
MW-13	01/07/08	<0.0010	<0.0010	<0.0010	<0.0030
MW-13	12/13/07	Not Sampled A			
MW-13	03/31/08	Not Sampled A			
MW-13	06/30/08	0.0019	ND	0.0024	ND
MW-13	03/08/09	Not Sampled A			
MW-13	12/31/08	0.003	0.0093	0.0026	0.0045
MW-13	03/31/09	Not Sampled A			
MW-13	06/26/09	0.003	ND	0.0029	ND
MW-13	09/25/09	Not Sampled A			
MW-13	12/21/09	0.0032	ND	0.0039	ND
MW-13	03/26/10	0.0047	ND	0.0094	

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
MW-13	06/30/10	Not Sampled A			
MW-13	09/28/10	Not Sampled A			
MW-13	12/30/10	Not Sampled A			
MW-13	03/25/11	Not Sampled A			
MW-13	06/29/11	Not Sampled A			
MW-13	09/30/11	Not Sampled A			
MW-13	12/30/11	Not Sampled A			
MW-13	03/30/12	Not Sampled A			
MW-13	06/27/12	Not Sampled A			
MW-13	09/27/12	Not Sampled A			
MW-13	12/27/12	Not Sampled A			
MW-13	03/28/13	Not Sampled A			
MW-13	06/27/13	Not Sampled A			
MW-13	09/26/13	Not Sampled A			
MW-13	12/27/13	Not Sampled A			
MW-13	03/31/14	Not Sampled A			
MW-13	05/30/14	Not Sampled A			
MW-13	10/17/14	Not Sampled A			
MW-13	12/03/14	<0.00100	<0.00200	<0.00100	<0.00200
MW-13	03/19/15	<0.00100	<0.00200	<0.00100	<0.00200
MW-13	06/05/15	<0.00100	<0.00200	<0.00100	<0.00200
MW-13	08/19/15	<0.00100	<0.00100	<0.00100	<0.00200
MW-13	11/25/15	<0.00100	<0.00200	<0.00100	<0.00200
MW-13	02/11/16	<0.00100	<0.00200	<0.00100	<0.00200
MW-13	05/04/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-13	08/11/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-13	12/01/16	<0.00200	<0.00200	<0.00200	<0.00200
MW-13	03/07/17	<0.00200	<0.00150	<0.00200	<0.00200
MW-13	06/07/17	<0.00200	<0.00200	<0.00200	<0.00400
MW-13	08/28/17	<0.00200	<0.00200	<0.00200	<0.00400
MW-13	12/04/17	<0.00200	<0.00200	<0.00200	<0.00400
MW-13	02/20/18	<0.00200	<0.00200	<0.00200	<0.00400
MW-13	05/30/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-13	08/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-13	11/07/18	0.377	<0.0100	0.208	0.0946
MW-13	12/10/18	<0.00100	<0.0100	<0.00500	<0.0200
MW-13	02/26/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-13	06/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-13	09/04/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-13	11/19/19	<0.00200	<0.00200	<0.00200	<0.00400

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
RW-1	01/29/03	Not Sampled A			
RW-1	02/03/04	Not Sampled A			
RW-1	08/03/07	Not Sampled A			
RW-1	12/18/03	ND	ND	ND	ND
RW-1	06/04/05	Not Sampled A			
RW-1	07/23/04	Not Sampled A			
RW-1	09/30/04	Not Sampled A			
RW-1	12/17/04	Not Sampled A			
RW-1	03/29/05	Not Sampled A			
RW-1	05/23/05	Not Sampled A			
RW-1	08/16/05	Not Sampled A			
RW-1	11/18/05	Not Sampled A			
RW-1	02/17/06	Not Sampled A			
RW-1	05/23/06	Not Sampled A			
RW-1	09/06/08	Not Sampled A			
RW-1	11/22/06	Not Sampled A			
RW-1	03/31/07	Not Sampled A			
RW-1	01/07/08	Not Sampled A			
RW-1	12/13/07	Not Sampled A			
RW-1	03/31/08	Not Sampled A			
RW-1	06/30/08	Not Sampled A			
RW-1	09/30/08	Not Sampled A			
RW-1	12/30/08	Not Sampled A			
RW-1	03/31/09	Not Sampled A			
RW-1	06/26/09	Not Sampled A			
RW-1	09/25/09	Not Sampled A			
RW-1	12/21/09	Not Sampled A			
RW-1	03/26/10	Not Sampled A			
RW-1	06/30/10	Not Sampled A			
RW-1	09/28/10	Not Sampled A			
RW-1	12/30/10	Not Sampled A			
RW-1	03/25/11	Not Sampled A			
RW-1	06/29/11	Not Sampled A			
RW-1	09/30/11	Not Sampled A			
RW-1	12/30/11	Not Sampled A			
RW-1	03/30/12	Not Sampled A			
RW-1	06/27/12	Not Sampled A			
RW-1	09/27/12	Not Sampled A			
RW-1	12/27/12	Not Sampled A			

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOC D REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
RW-1	03/28/13	Not Sampled A			
RW-1	06/27/13	Not Sampled A			
RW-1	09/26/13	Not Sampled A			
RW-1	12/27/13	Not Sampled A			
RW-1	03/31/14	Not Sampled A			
RW-1	05/30/14	Not Sampled A			
RW-1	10/17/14	Not Sampled A			
RW-1	12/03/14	<0.00100	<0.00200	<0.00100	<0.00200
RW-1	03/19/15	<0.00100	<0.00200	<0.00100	<0.00200
RW-1	06/05/15	<0.00100	<0.00200	<0.00100	<0.00200
RW-1	08/19/15	<0.00100	<0.00100	<0.00100	<0.00200
RW-1	11/25/15	<0.00100	<0.00200	<0.00100	<0.00200
RW-1	02/11/16	<0.00100	<0.00200	<0.00100	<0.00200
RW-1	05/04/16	<0.00200	<0.00200	<0.00200	<0.00200
RW-1	08/11/16	<0.00200	<0.00200	<0.00200	<0.00200
RW-1	12/01/16	<0.00200	<0.00200	<0.00200	<0.00200
RW-1	03/29/17	<0.00200	<0.00150	<0.00200	<0.00200
RW-1	06/07/17	<0.00200	<0.00200	<0.00200	<0.00400
RW-1	08/28/17	<0.00200	<0.00200	<0.00200	<0.00400
RW-1	12/04/17	<0.00200	<0.00200	<0.00200	<0.00400
RW-1	02/20/18	0.172	0.00443	0.0178	0.01762
RW-1	03/27/18	<0.00200	<0.00200	<0.00200	<0.00400
RW-1	05/30/18	<0.00100	<0.0100	<0.00500	<0.0200
RW-1	08/28/18	<0.00100	<0.0100	<0.00500	<0.0200
RW-1	11/07/18	<0.00100	<0.0100	<0.00500	<0.0200
RW-1	02/26/19	<0.00100	<0.00100	<0.00100	<0.00200
RW-1	06/04/19	<0.00100	<0.00100	<0.00100	<0.00200
RW-1	09/04/19	<0.00100	<0.00100	<0.00100	<0.00200
RW-1	11/20/19	<0.00100	<0.00100	<0.00100	<0.00200
RW-2	03/31/14	Not Sampled			
RW-2	05/30/14	Not Sampled			
RW-2	10/17/14	Not Sampled			
RW-2	12/03/14	Not Sampled			
RW-2	03/19/15	Not Sampled			
RW-2	06/05/15	<0.00100	<0.00200	<0.00100	<0.00200
RW-2	08/19/15	Not Sampled			
RW-2	11/25/15	Not Sampled			
RW-2	02/15/16	<0.00100	<0.00200	<0.00100	<0.00200
RW-2	05/04/16	<0.00200	<0.00200	<0.00200	<0.00200

TABLE 2
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCDF REFERENCE NO: GW-351

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
RW-2	08/11/16	<0.00200	<0.00200	<0.00200	<0.00200
RW-2	12/01/16	<0.00200	<0.00200	<0.00200	<0.00200
RW-2	03/29/17	<0.00200	<0.00150	<0.00200	<0.00200
RW-2	06/07/17	<0.00200	<0.00200	<0.00200	<0.00400
RW-2	08/28/17	<0.00200	<0.00200	<0.00200	<0.00400
RW-2	12/04/17	<0.00200	<0.00200	<0.00200	<0.00400
RW-2	02/20/18	0.419	<0.0400	0.0966	<0.0800
RW-2	03/27/18	<0.00200	<0.00200	<0.00200	<0.00400
RW-2	05/30/18	<0.00100	<0.0100	<0.00500	<0.0200
RW-2	08/29/18	<0.00100	<0.0100	<0.00500	<0.0200
RW-2	11/07/18	<0.00100	<0.0100	<0.00500	<0.0200
RW-2	02/26/19	<0.00100	<0.00100	<0.00100	<0.00200
RW-2	06/04/19	<0.00100	<0.00100	<0.00100	<0.00200
RW-2	09/04/19	<0.00100	<0.00100	<0.00100	<0.00200
RW-2	11/20/19	<0.00100	<0.00100	0.00574	0.00537

mg/L = milligrams per liter

ND = None Detected

If the cell is blank, laboratory analysis was not performed.

Not Sampled A = Not sampled due to eight consecutive quarters of analytical data below NMWQCC Groundwater Standards.

TABLE 3
HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBONS IN GROUNDWATER
PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOC REFERENCE NO: GW-351

	Date Sampled	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benzo(a)anthracene (mg/L)	Benzo(b)pyrene (mg/L)	Benzo(k)fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(i,k)fluoranthene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	1-Methylnaphthalene (mg/L)	2-Methylnaphthalene (mg/L)	Naphthalene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)	Dibenzofuran (mg/L)
Maximum Contaminant Levels from NMWQCC 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	0.03 mg/L			0.001 mg/L	0.001 mg/L	-
MW-1	12/17/04	0.00029	0.00018	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00012	<0.00005	0.00006	0.00114	<0.00005	NA	NA	0.00084	0.00145	0.00010	
MW-1	02/29/05	0.00023	0.00006	0.00010	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00014	<0.00005	<0.00005	0.00130	<0.00005	NA	NA	0.00722	0.00146	<0.00005	
MW-1	02/17/06	<0.00005	0.00051	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00258	<0.00005	<0.00005	0.00633	<0.00005	NA	NA	<0.00005	0.01180	0.00077	
MW-1	03/31/07	Sample Bottle Broken																		
MW-1	03/31/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00001	ND	ND	ND	ND	
MW-1	06/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00001	ND	ND	ND	ND	
MW-1	09/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-1	12/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00001	ND	ND	ND	ND	
MW-1	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-1	12/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00001	ND	ND	ND	ND	
MW-1	12/30/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-1	12/27/12	NOT SAMPLED																		
MW-1	12/27/13	NOT SAMPLED																		
MW-1	12/03/14	NOT SAMPLED DUE TO PSH IN WELL																		
MW-1	11/25/15	NOT SAMPLED DUE TO PSH IN WELL																		
MW-1	12/01/16	NOT SAMPLED																		
MW-1	12/04/17	NOT SAMPLED																		
MW-1	11/08/18	NOT SAMPLED																		
MW-1	11/20/19	NOT SAMPLED																		
MW-2	12/17/04	0.00777	<0.00005	<0.00005	<0.00005	0.002	0.00107	<0.00005	0.00093	0.00603	<0.00005	0.00276	0.02710	<0.00005	NA	NA	0.11800	0.04390	0.00356	
MW-2	03/29/05	0.00029	0.00013	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00134	<0.00005	NA	NA	0.01800	0.00105	<0.00005	
MW-2	02/17/06	<0.00005	0.001	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00415	<0.00005	<0.00005	0.01220	<0.00005	NA	NA	0.02110	0.02160	0.00119	
MW-2	03/31/07	0.00054	0.00081	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00033	<0.00005	<0.00005	0.00264	<0.00005	NA	NA	0.00892	0.00329	<0.00005	
MW-2	03/31/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00004	ND	0.00001	ND	ND	
MW-2	06/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00002	ND	0.00001	ND	ND	
MW-2	09/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-2	12/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00003	ND	0.00001	ND	ND	
MW-2	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-2	12/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00002	ND	ND	ND	ND	
MW-2	12/30/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02940	ND	ND	ND	ND	
MW-2	12/27/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000072	ND	0.0000392	0.0000172	0.0000135	0.0000154	ND		
MW-2	12/27/13	NOT SAMPLED																		
MW-2	12/03/14	NOT SAMPLED DUE TO PSH IN WELL																		
MW-2	11/25/15	NOT SAMPLED DUE TO PSH IN WELL																		
MW-2	12/01/16	NOT SAMPLED DUE TO PSH IN WELL																		
MW-2	12/04/17	0.000473	0.000584	0.000435	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00131	<0.000183	<0.000183	0.00255	<0.000183	0.00744		0.00594		0.000341	
MW-2	11/08/18	0.00052	0.00078	0.00084	0.00057	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	0.00022	0.0023	<0.000097	0.054		0.005		0.00036	0.0020
MW-2	11/20/19	0.00063	0.00081	0.00073	0.00031	<0.000098	<0.000098	<0.000098	<0.000098	0.0013	<0.000098	0.00036	0.0046	<0.000098	0.0507		0.013		0.00036	0.0046
MW-3	12/17/04	0.00014	0.00005	0.00077	0.00074	0.00024	0.00010	<0.00005	0.00009	0.00061	<0.00005	0.00018	0.00039	<0.00005	NA	NA	0.00010	0.00076	0.00017	
MW-3	03/29/05	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00010	<0.00005	<0.00005	NA	NA	0.00005	0.00006	<0.00005	
MW-3	02/17/06	<0.00005	0.00056	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00472	<0.00005	<0.00005	0.00982	<0.00005	NA	NA	0.00560	0.01920	0.00111	
MW-3	03/31/07	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00019	<0.00005	NA	NA	0.00024	0.00032	<0.00005	
MW-3	03/31/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00001	ND	ND	ND	ND	
MW-3	06/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00001	ND	ND	ND	ND	
MW-3	09/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

TABLE 3
HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBONS IN GROUNDWATER
PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOC REFERENCE NO: GW-351

	Date Sampled	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benz(a)anthracene (mg/L)	Benzo(a)pyrene (mg/L)	Benzo(b)fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(k)fluoranthene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	1-Methyl-naphthalene (mg/L)	2-Methyl-naphthalene (mg/L)	Naphthalene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)	Dibenzofuran (mg/L)
Maximum Contaminant Levels from NMWQCC 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	0.03 mg/L			0.001 mg/L	0.001 mg/L	-
MW-3	12/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00001	ND	ND	ND	ND	
MW-3	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00003	ND	ND	
MW-3	12/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-3	12/30/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01200	ND	0.02260	ND	ND	
MW-3	12/27/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000173	0.00000913	0.0000299	ND	ND	
MW-3	12/27/13	NOT SAMPLED																		
MW-3	12/03/14	NOT SAMPLED DUE TO PSH IN WELL																		
MW-3	11/25/16	NOT SAMPLED DUE TO PSH IN WELL																		
MW-3	12/01/16	0.00164	0.00167	0.000895	<0.000469	<0.000469	<0.000469	<0.000469	<0.000469	0.00179	<0.000469	0.000844	0.00658	<0.000469	0.00450			<0.000469	0.000608	
MW-3	12/04/17	0.000784	0.000948	0.000777	0.00115	<0.000185	<0.000185	<0.000185	<0.000185	0.00100	<0.000185	<0.000185	0.00390	<0.000185	0.00524			0.00758	0.000510	
MW-3	11/08/18	0.00086	0.0014	0.0010	0.00086	*<0.00097	<0.000097	<0.000097	<0.000097	0.00017	<0.000097	0.00029	0.00390	<0.000097	0.0546			0.0077	0.00038	0.0034
MW-3	11/20/19	0.00045	0.00060	0.00097	0.00055	<0.000096	<0.000096	<0.000096	<0.000096	0.0026	<0.000096	0.00063	0.0018	<0.000096	0.0091			0.0087	0.00058	0.0032
MW-4	02/07/96					ND							ND		ND	ND	ND			
MW-4	01/22/97					ND							ND		ND	ND	ND			
MW-4	01/22/98					ND							ND		ND	ND	ND			
MW-4	01/14/99					ND							ND		ND	ND	ND			
MW-4	01/13/00					ND							ND		ND	ND	ND			
MW-4	01/03/01					ND							ND		ND	ND	ND			
MW-4	01/28/02					ND							ND		ND	ND	ND			
MW-4	01/29/03					ND							ND		ND	ND	ND			
MW-4	09/30/04	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	
MW-4	02/17/06	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	
MW-4	03/31/07	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	
MW-4	08/31/08	NOT SAMPLED																		
MW-4	06/30/08	NOT SAMPLED																		
MW-4	09/30/08	NOT SAMPLED																		
MW-4	12/30/08	NOT SAMPLED																		
MW-4	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-4	12/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-4	12/11/11	NOT SAMPLED																		
MW-4	12/27/12	NOT SAMPLED																		
MW-4	12/27/13	NOT SAMPLED																		
MW-4	12/03/14	NOT SAMPLED																		
MW-4	11/25/15	NOT SAMPLED																		
MW-4	11/30/16	NOT SAMPLED																		
MW-4	12/04/17	NOT SAMPLED																		
MW-4	11/07/18	NOT SAMPLED																		
MW-4	11/19/19	NOT SAMPLED																		
MW-5	01/03/01					ND							ND		ND	ND	ND			
MW-5	01/28/02					ND							ND		ND	ND	ND			
MW-5	01/29/03					ND							ND		ND	ND	ND			
MW-5	02/17/06	NOT SAMPLED																		
MW-5	03/31/07	NOT SAMPLED																		
MW-5	03/31/08	NOT SAMPLED																		
MW-5	06/30/08	NOT SAMPLED																		

TABLE 3
HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBONS IN GROUNDWATER
PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351

..		Date Sampled	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benzo(a)anthracene (mg/L)	Benzo(a)pyrene (mg/L)	Benzo(b)fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(k)fluoranthene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)	Fluorene (mg/L)	Indeno(1,2,3- cd)pyrene (mg/L)	1-Methylnaphthene (mg/L)	2-Methylnaphthene (mg/L)	Naphthalene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)	Dibenzofuran (mg/L)
Maximum Contaminant Levels from NMWQCC 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	0.03 mg/L			0.001 mg/L	0.001 mg/L	-
MW-5	09/30/08	NOT SAMPLED																			
MW-5	12/30/08	NOT SAMPLED																			
MW-5	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
MW-5	12/30/10	NOT SAMPLED																			
MW-5	12/30/11	NOT SAMPLED																			
MW-5	12/27/12	NOT SAMPLED																			
MW-5	12/27/13	NOT SAMPLED																			
MW-5	12/03/14	NOT SAMPLED DUE TO PSH IN WELL																			
MW-5	11/25/15	NOT SAMPLED																			
MW-5	11/30/16	NOT SAMPLED																			
MW-5	12/04/17	NOT SAMPLED																			
MW-5	11/07/18	NOT SAMPLED																			
MW-5	11/19/19	NOT SAMPLED																			
MW-6	02/07/96					ND								ND		ND	ND	ND			
MW-6	01/22/97					ND								ND		ND	ND	ND			
MW-6	01/22/98					ND								ND		0.00400	0.00200	0.00600			
MW-6	01/14/99					ND								ND		ND	ND	ND			
MW-6	01/13/00					ND								ND		0.00200	ND	ND			
MW-6	01/01/03					ND								ND		0.01700	ND	ND			
MW-6	01/28/02					ND								ND		ND	ND	ND			
MW-6	01/29/03					ND								0.00610		ND	ND	ND			
MW-6	02/17/06	NOT SAMPLED																			
MW-6	03/31/07	NOT SAMPLED																			
MW-6	03/31/08	NOT SAMPLED																			
MW-6	06/30/08	NOT SAMPLED																			
MW-6	09/30/08	NOT SAMPLED																			
MW-6	12/30/08	NOT SAMPLED																			
MW-6	12/21/09																				
MW-6	12/30/10	NOT SAMPLED																			
MW-6	12/30/11	NOT SAMPLED																			
MW-6	12/27/12	NOT SAMPLED																			
MW-6	12/27/13	NOT SAMPLED																			
MW-6	12/03/14	NOT SAMPLED																			
MW-6	11/25/15	NOT SAMPLED																			
MW-6	11/30/16	NOT SAMPLED																			
MW-6	12/04/17	NOT SAMPLED																			
MW-6	11/08/18	NOT SAMPLED																			
MW-6	11/20/19	NOT SAMPLED																			
MW-7	02/07/96					ND															
MW-7	01/22/97					ND															
MW-7	01/22/98					ND															
MW-7	01/14/99					ND															
MW-7	01/13/00					ND															
MW-7	01/03/01					ND															
MW-7	01/28/02					ND															

TABLE 3
HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBONS IN GROUNDWATER
PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOC REFERENCE NO: GW-351

	Date Sampled	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benz(a)anthracene (mg/L)	Benzo(a)pyrene (mg/L)	Benzo(b)fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(k)fluoranthene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	1-Methylnaphthalene (mg/L)	2-Methylnaphthalene (mg/L)	Naphthalene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)	Dibenzofuran (mg/L)
Maximum Contaminant Levels from NMWQCC 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	0.03 mg/L			0.001 mg/L	0.001 mg/L	-
MW-7	01/29/03					ND														
MW-7	02/17/06	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	0.00009	<0.00005	
MW-7	03/31/07	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	
MW-7	03/31/08	NOT SAMPLED																		
MW-7	06/30/08	NOT SAMPLED																		
MW-7	09/30/08	NOT SAMPLED																		
MW-7	12/30/08	NOT SAMPLED																		
MW-7	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-7	12/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-7	12/30/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-7	12/27/12	NOT SAMPLED																		
MW-7	12/27/13	NOT SAMPLED																		
MW-7	12/03/14	NOT SAMPLED																		
MW-7	11/25/15	NOT SAMPLED																		
MW-7	12/01/16	NOT SAMPLED																		
MW-7	12/04/17	NOT SAMPLED																		
MW-7	11/08/18	NOT SAMPLED																		
MW-7	11/20/19	NOT SAMPLED																		
MW-8	02/17/06	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00011	<0.00005	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	0.00009	<0.00005	
MW-8	03/31/07	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	0.00007	<0.00005	
MW-8	03/31/08	NOT SAMPLED																		
MW-8	06/30/08	NOT SAMPLED																		
MW-8	09/30/08	NOT SAMPLED																		
MW-8	12/30/08	NOT SAMPLED																		
MW-8	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-8	12/30/10	NOT SAMPLED																		
MW-8	12/30/11	NOT SAMPLED																		
MW-8	12/27/12	NOT SAMPLED																		
MW-8	12/27/13	NOT SAMPLED																		
MW-8	12/03/14	NOT SAMPLED DUE TO PSH IN WELL																		
MW-8	11/25/15	NOT SAMPLED																		
MW-8	11/30/16	NOT SAMPLED																		
MW-8	12/04/17	NOT SAMPLED																		
MW-8	11/07/18	NOT SAMPLED																		
MW-8	11/19/19	NOT SAMPLED																		
MW-9	02/07/96					ND							ND		ND	ND	ND			
MW-9	01/22/97					ND							ND		ND	ND	ND			
MW-9	01/22/98					ND							ND		ND	ND	ND			
MW-9	01/14/99					ND							ND		ND	ND	ND			
MW-9	01/13/00					ND							ND		ND	ND	ND			
MW-9	01/03/01					ND							ND		ND	ND	ND			
MW-9	01/28/02					ND							ND		ND	ND	ND			
MW-9	01/29/03					ND							ND		ND	ND	ND			
MW-9	07/23/04	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	<0.00005		
MW-9	02/17/06	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	0.00017		

TABLE 3
HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBONS IN GROUNDWATER
PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOC D REFERENCE NO: GW-351

	Date Sampled	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benzo(a)anthracene (mg/L)	Benzo(b)pyrene (mg/L)	Benzo(b)fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(k)fluoranthene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	1-Methylnaphthalene (mg/L)	2-Methylnaphthalene (mg/L)	Naphthalene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)	Dibenzofuran (mg/L)
Maximum Contaminant Levels from NMWQCC 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	0.03 mg/L		-	0.001 mg/L	0.001 mg/L	-
MW-9	03/31/07	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	<0.00005		
MW-9	03/31/08	NOT SAMPLED																		
MW-9	06/30/08	NOT SAMPLED																		
MW-9	09/30/08	NOT SAMPLED																		
MW-9	12/31/08	NOT SAMPLED																		
MW-9	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-9	12/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-9	12/30/11	NOT SAMPLED																		
MW-9	12/27/12	NOT SAMPLED																		
MW-9	12/27/13	NOT SAMPLED																		
MW-9	12/03/14	NOT SAMPLED																		
MW-9	11/25/15	NOT SAMPLED																		
MW-9	12/01/16	NOT SAMPLED																		
MW-9	12/07/17	NOT SAMPLED																		
MW-9	11/07/18	NOT SAMPLED																		
MW-9	11/19/19	NOT SAMPLED																		
MW-10	02/07/96					ND							ND			ND	ND			
MW-10	01/22/97					ND							ND			ND	ND			
MW-10	01/22/98					ND							ND			0.00100	ND			
MW-10	01/14/99					ND							ND			ND	ND			
MW-10	01/13/00					ND							ND			ND	ND			
MW-10	01/01/01					ND							ND			ND	ND			
MW-10	01/28/02					ND							ND			ND	ND			
MW-10	01/29/03					ND							ND			ND	ND			
MW-10	09/30/04	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	
MW-10	02/17/06	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	
MW-10	03/31/07	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	
MW-10	03/31/08	NOT SAMPLED																		
MW-10	06/30/08	NOT SAMPLED																		
MW-10	09/30/08	NOT SAMPLED																		
MW-10	12/31/08	NOT SAMPLED																		
MW-10	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-10	12/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-10	12/30/11	NOT SAMPLED																		
MW-10	12/27/12	NOT SAMPLED																		
MW-10	12/27/13	NOT SAMPLED																		
MW-10	12/03/14	NOT SAMPLED DUE TO PSH IN WELL																		
MW-10	11/25/15	NOT SAMPLED																		
MW-10	12/01/16	NOT SAMPLED																		
MW-10	12/04/17	NOT SAMPLED																		
MW-10	11/07/18	NOT SAMPLED																		
MW-10	11/19/19	NOT SAMPLED																		
MW-11	12/17/04	0.00025	0.00025	<0.00005	<0.00005	0.00011	0.00005	<0.00005	<0.00005	0.00028	<0.00005	0.00012	0.00189	<0.00005	NA	NA	0.00344	0.00232	0.00018	
MW-11	03/29/05	0.00024	0.00010	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00142	<0.00005	NA	NA	0.00098	0.00120	<0.00005	
MW-11	02/17/06	0.00027	0.00015	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00025	0.00268	<0.00005	NA	NA	<0.00005	0.00588	0.00026	

TABLE 3
HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBONS IN GROUNDWATER
PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOC REFERENCE NO: GW-551

	Date Sampled	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benz(a)anthracene (mg/L)	Benzo(b)pyrene (mg/L)	Benzo(b)fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(k)fluoranthene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	1-Methylnaphthalene (mg/L)	2-Methylnaphthalene (mg/L)	Naphthalene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)	Dibenzofuran (mg/L)
Maximum Contaminant Levels from NMWQCC 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	0.03 mg/L			0.001 mg/L	0.001 mg/L	-
MW-11	03/31/07	0.00009	0.00008	0.00098	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00080	<0.00005	NA	NA	0.00021	0.00100	<0.00005	
MW-11	03/31/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00002	ND	ND	0.00001	ND	
MW-11	06/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00001	ND	ND	ND	ND	
MW-11	09/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-11	12/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00002	ND	ND	0.00001	ND	
MW-11	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-11	12/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-11	12/30/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-11	12/27/12	NOT SAMPLED																		
MW-11	12/27/13	NOT SAMPLED																		
MW-11	12/03/14	NOT SAMPLED DUE TO PSH IN WELL																		
MW-11	11/25/15	NOT SAMPLED DUE TO PSH IN WELL																		
MW-11	12/01/16	NOT SAMPLED																		
MW-11	12/04/17	NOT SAMPLED																		
MW-11	11/08/18	NOT SAMPLED																		
MW-11	11/20/19	NOT SAMPLED																		
MW - 12	07/23/04	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00038	<0.00005	NA	NA	<0.00005	0.00009	<0.00005	
MW - 12	03/29/05	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	
MW - 12	02/17/06	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00017	<0.00005	NA	NA	<0.00005	0.00014	<0.00005
MW - 12	03/31/07	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00008	<0.00005	NA	NA	<0.00005	0.00012	<0.00005	
MW - 12	03/31/08	NOT SAMPLED																		
MW - 12	06/30/08	NOT SAMPLED																		
MW - 12	09/30/08	NOT SAMPLED																		
MW - 12	12/30/08	NOT SAMPLED																		
MW - 12	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW - 12	12/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW - 12	12/30/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW - 12	12/27/12	NOT SAMPLED																		
MW - 12	12/27/13	NOT SAMPLED																		
MW - 12	12/03/14	NOT SAMPLED DUE TO PSH IN WELL																		
MW - 12	11/25/15	NOT SAMPLED DUE TO PSH IN WELL																		
MW - 12	12/01/16	NOT SAMPLED																		
MW - 12	12/04/17	NOT SAMPLED																		
MW - 12	11/08/18	NOT SAMPLED																		
MW - 12	11/20/19	NOT SAMPLED																		
MW - 13	07/23/04	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	
MW - 13	02/17/06	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005
MW - 13	03/31/07	<0.00005	<0.00005	0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	0.00006	<0.00005	
MW - 13	03/31/08	NOT SAMPLED																		
MW - 13	06/30/08	NOT SAMPLED																		
MW - 13	09/30/08	NOT SAMPLED																		
MW - 13	12/31/08	NOT SAMPLED																		
MW - 13	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW - 13	12/30/10	NOT SAMPLED																		
MW - 13	12/30/11	NOT SAMPLED																		

TABLE 3
HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBONS IN GROUNDWATER
PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351

	Date Sampled	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benz(a)anthracene (mg/L)	Benzo(b)pyrene (mg/L)	Benzo(b)fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(k)fluoranthene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	1-Methyl-naphthalene (mg/L)	2-Methyl-naphthalene (mg/L)	Naphthalene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)	Dibenzofuran (mg/L)
Maximum Contaminant Levels from NMWQCC 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	0.03 mg/L			0.001 mg/L	0.001 mg/L	-
MW - 13	12/27/12									NOT SAMPLED										
MW - 13	12/27/13									NOT SAMPLED										
MW - 13	12/03/14									NOT SAMPLED										
MW - 13	11/25/15									NOT SAMPLED										
MW - 13	12/01/16									NOT SAMPLED										
MW - 13	12/04/17									NOT SAMPLED										
MW - 13	11/07/18									NOT SAMPLED										
MW - 13	11/19/19									NOT SAMPLED										
RW-1	02/07/96									NOT SAMPLED										
RW-1	01/22/97									NOT SAMPLED										
RW-1	01/22/98									NOT SAMPLED										
RW-1	01/14/99									NOT SAMPLED										
RW-1	01/13/00									NOT SAMPLED										
RW-1	01/03/01									NOT SAMPLED										
RW-1	01/28/02									NOT SAMPLED										
RW-1	01/29/03									NOT SAMPLED										
RW-1	07/23/04									NOT SAMPLED										
RW-1	02/17/06									NOT SAMPLED										
RW-1	03/31/07									NOT SAMPLED										
RW-1	12/31/08									NOT SAMPLED										
RW-1	12/21/09									NOT SAMPLED										
RW-1	12/30/10									NOT SAMPLED										
RW-1	12/30/11									NOT SAMPLED										
RW-1	12/27/12									NOT SAMPLED										
RW-1	12/27/13									NOT SAMPLED										
RW-1	12/03/14									NOT SAMPLED										
RW-1	11/25/15									NOT SAMPLED										
RW-1	12/01/16									NOT SAMPLED										
RW-1	12/04/17									NOT SAMPLED										
RW-1	11/07/18									NOT SAMPLED										
RW-1	11/20/19									NOT SAMPLED										
RW-2	02/07/96									NOT SAMPLED										
RW-2	01/22/97									NOT SAMPLED										
RW-2	01/22/98									NOT SAMPLED										
RW-2	01/14/99									NOT SAMPLED										
RW-2	01/13/00									NOT SAMPLED										
RW-2	01/03/01									NOT SAMPLED										
RW-2	01/28/02									NOT SAMPLED										
RW-2	01/29/03									NOT SAMPLED										
RW-2	07/23/04									NOT SAMPLED										
RW-2	02/17/06									NOT SAMPLED										
RW-2	03/31/07									NOT SAMPLED										
RW-2	12/31/08									NOT SAMPLED										
RW-2	12/21/09									NOT SAMPLED										
RW-2	12/30/10									NOT SAMPLED										

TABLE 3
HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBONS IN GROUNDWATER
PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
NMOCD REFERENCE NO: GW-351

	Date Sampled	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benzo(a)anthracene (mg/L)	Benzo(b)pyrene (mg/L)	Benzo(b)fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(i,k)fluoranthene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	1-Methylnaphthene (mg/L)	2-Methylnaphthene (mg/L)	Naphthalene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)	Dibenzofuran (mg/L)
Maximum Contaminant Levels from NMWQCC 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	0.03 mg/L			0.001 mg/L	0.001 mg/L	-
RW-2	12/30/11									NOT SAMPLED										
RW-2	12/27/12									NOT SAMPLED										
RW-2	12/27/13									NOT SAMPLED										
RW-2	12/03/14									NOT SAMPLED										
RW-2	11/25/15									NOT SAMPLED										
RW-2	12/01/16									NOT SAMPLED										
RW-2	12/04/17									NOT SAMPLED										
RW-2	11/07/18									NOT SAMPLED										
RW-2	11/20/19									NOT SAMPLED										

ND = Not Detected
NA = Not Analyzed

2019 Laboratory Reports

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



Analytical Report

Prepared for:

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

Project: Lea Station
Project Number: 2003-00339

Location:

Lab Order Number: 9B28013



NELAP/TCEQ # T104704516-18-9

Report Date: 03/08/19

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4	9B28013-01	Water	02/26/19 12:13	02-28-2019 08:47
MW-5	9B28013-02	Water	02/26/19 12:52	02-28-2019 08:47
MW-8	9B28013-03	Water	02/26/19 12:37	02-28-2019 08:47
MW-9	9B28013-04	Water	02/26/19 14:16	02-28-2019 08:47
MW-10	9B28013-05	Water	02/26/19 15:01	02-28-2019 08:47
MW-13	9B28013-06	Water	02/26/19 15:40	02-28-2019 08:47
RW-1	9B28013-07	Water	02/26/19 16:28	02-28-2019 08:47
RW-2	9B28013-08	Water	02/26/19 17:15	02-28-2019 08:47
MW-7	9B28013-09	Water	02/27/19 10:39	02-28-2019 08:47
MW-6	9B28013-10	Water	02/27/19 11:25	02-28-2019 08:47
MW-12	9B28013-11	Water	02/27/19 12:15	02-28-2019 08:47
MW-1	9B28013-12	Water	02/27/19 13:01	02-28-2019 08:47
MW-11	9B28013-13	Water	02/27/19 13:23	02-28-2019 08:47
MW-2	9B28013-14	Water	02/27/19 14:23	02-28-2019 08:47
MW-3	9B28013-15	Water	02/27/19 15:15	02-28-2019 08:47

TRC Solutions- Midland, Texas
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Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW-4
9B28013-01 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.3 %		80-120	P9C0110	03/01/19	03/01/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		72.2 %		80-120	P9C0110	03/01/19	03/01/19	EPA 8021B	S-09

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Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW-5
9B28013-02 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B
Xylene (o)	0.00387	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		108 %	80-120		P9C0110	03/01/19	03/01/19	EPA 8021B
<i>Surrogate: 1,4-Difluorobenzene</i>		85.2 %	80-120		P9C0110	03/01/19	03/01/19	EPA 8021B

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Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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MW-8
9B28013-03 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/05/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/05/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/05/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9C0110	03/01/19	03/05/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/05/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		108 %	80-120		P9C0110	03/01/19	03/05/19	EPA 8021B
<i>Surrogate: 1,4-Difluorobenzene</i>		83.3 %	80-120		P9C0110	03/01/19	03/05/19	EPA 8021B

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Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW-9

9B28013-04 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		100 %	80-120		P9C0110	03/01/19	03/01/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		75.1 %	80-120		P9C0110	03/01/19	03/01/19	EPA 8021B	S-09

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Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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MW-10
9B28013-05 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P9C0110	03/01/19	03/01/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		72.7 %	80-120		P9C0110	03/01/19	03/01/19	EPA 8021B	S-09

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Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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MW-13
9B28013-06 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P9C0110	03/01/19	03/01/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		81.7 %	80-120		P9C0110	03/01/19	03/01/19	EPA 8021B

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RW-1

9B28013-07 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/01/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.1 %	80-120		P9C0110	03/01/19	03/01/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		76.6 %	80-120		P9C0110	03/01/19	03/01/19	EPA 8021B	S-09

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Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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RW-2

9B28013-08 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/02/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/02/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/02/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9C0110	03/01/19	03/02/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/02/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P9C0110	03/01/19	03/02/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		83.2 %	80-120		P9C0110	03/01/19	03/02/19	EPA 8021B

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MW-7

9B28013-09 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/02/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/02/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/02/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9C0110	03/01/19	03/02/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/02/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.5 %	80-120		P9C0110	03/01/19	03/02/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		78.2 %	80-120		P9C0110	03/01/19	03/02/19	EPA 8021B	S-09

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Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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MW-6
9B28013-10 (Water)

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

Organics by GC

Benzene	0.00299	0.00100	mg/L	1	P9C0110	03/01/19	03/02/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/02/19	EPA 8021B
Ethylbenzene	0.00292	0.00100	mg/L	1	P9C0110	03/01/19	03/02/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9C0110	03/01/19	03/02/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/02/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>119 %</i>	<i>80-120</i>		<i>P9C0110</i>	<i>03/01/19</i>	<i>03/02/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>87.0 %</i>	<i>80-120</i>		<i>P9C0110</i>	<i>03/01/19</i>	<i>03/02/19</i>	<i>EPA 8021B</i>

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10 Desta Dr STE 150E
Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW-12

9B28013-11 (Water)

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

Organics by GC

Benzene	0.0108	0.00100	mg/L	1	P9C0110	03/01/19	03/02/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/02/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/02/19	EPA 8021B
Xylene (p/m)	0.0355	0.00200	mg/L	1	P9C0110	03/01/19	03/02/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9C0110	03/01/19	03/02/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>100 %</i>	<i>80-120</i>		<i>P9C0110</i>	<i>03/01/19</i>	<i>03/02/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>81.5 %</i>	<i>80-120</i>		<i>P9C0110</i>	<i>03/01/19</i>	<i>03/02/19</i>	<i>EPA 8021B</i>

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Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW-1

9B28013-12 (Water)

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

Organics by GC

Benzene	0.249	0.00500	mg/L	5	P9C0111	03/01/19	03/02/19	EPA 8021B
Toluene	ND	0.00500	mg/L	5	P9C0111	03/01/19	03/02/19	EPA 8021B
Ethylbenzene	0.0278	0.00500	mg/L	5	P9C0111	03/01/19	03/02/19	EPA 8021B
Xylene (p/m)	ND	0.0100	mg/L	5	P9C0111	03/01/19	03/02/19	EPA 8021B
Xylene (o)	ND	0.00500	mg/L	5	P9C0111	03/01/19	03/02/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>96.8 %</i>	<i>80-120</i>		<i>P9C0111</i>	<i>03/01/19</i>	<i>03/02/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>100 %</i>	<i>80-120</i>		<i>P9C0111</i>	<i>03/01/19</i>	<i>03/02/19</i>	<i>EPA 8021B</i>

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Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW-11

9B28013-13 (Water)

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

Organics by GC

Benzene	0.287	0.00100	mg/L	1	P9C0111	03/01/19	03/02/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9C0111	03/01/19	03/02/19	EPA 8021B
Ethylbenzene	0.0876	0.00100	mg/L	1	P9C0111	03/01/19	03/02/19	EPA 8021B
Xylene (p/m)	0.0498	0.00200	mg/L	1	P9C0111	03/01/19	03/02/19	EPA 8021B
Xylene (o)	0.00293	0.00100	mg/L	1	P9C0111	03/01/19	03/02/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>108 %</i>	<i>80-120</i>		<i>P9C0111</i>	<i>03/01/19</i>	<i>03/02/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>117 %</i>	<i>80-120</i>		<i>P9C0111</i>	<i>03/01/19</i>	<i>03/02/19</i>	<i>EPA 8021B</i>

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10 Desta Dr STE 150E
Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW-2
9B28013-14 (Water)

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

Organics by GC

Benzene	1.36	0.00500	mg/L	5	P9C0111	03/01/19	03/02/19	EPA 8021B	
Toluene	0.00625	0.00500	mg/L	5	P9C0111	03/01/19	03/02/19	EPA 8021B	
Ethylbenzene	0.399	0.00500	mg/L	5	P9C0111	03/01/19	03/02/19	EPA 8021B	
Xylene (p/m)	0.203	0.0100	mg/L	5	P9C0111	03/01/19	03/02/19	EPA 8021B	
Xylene (o)	0.107	0.00500	mg/L	5	P9C0111	03/01/19	03/02/19	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>89.6 %</i>		<i>80-120</i>	<i>P9C0111</i>	<i>03/01/19</i>	<i>03/02/19</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>122 %</i>		<i>80-120</i>	<i>P9C0111</i>	<i>03/01/19</i>	<i>03/02/19</i>	<i>EPA 8021B</i>	<i>S-09</i>

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Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW-3
9B28013-15 (Water)

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

Organics by GC

Benzene	0.435	0.00500	mg/L	5	P9C0111	03/01/19	03/05/19	EPA 8021B
Toluene	ND	0.00500	mg/L	5	P9C0111	03/01/19	03/05/19	EPA 8021B
Ethylbenzene	0.271	0.00500	mg/L	5	P9C0111	03/01/19	03/05/19	EPA 8021B
Xylene (p/m)	0.0648	0.0100	mg/L	5	P9C0111	03/01/19	03/05/19	EPA 8021B
Xylene (o)	ND	0.00500	mg/L	5	P9C0111	03/01/19	03/05/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		93.9 %	80-120		<i>P9C0111</i>	<i>03/01/19</i>	<i>03/05/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		99.6 %	80-120		<i>P9C0111</i>	<i>03/01/19</i>	<i>03/05/19</i>	<i>EPA 8021B</i>

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Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
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Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9C0110 - General Preparation (GC)

Blank (P9C0110-BLK1)

Prepared & Analyzed: 03/01/19

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.0608		"	0.0600		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.0459		"	0.0600		76.6	80-120			S-09

LCS (P9C0110-BS1)

Prepared & Analyzed: 03/01/19

Benzene	0.112	0.00100	mg/L	0.100		112	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.213	0.00200	"	0.200		107	80-120			
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 4-Bromofluorobenzene	0.0587		"	0.0600		97.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.0612		"	0.0600		102	80-120			

LCS Dup (P9C0110-BSD1)

Prepared & Analyzed: 03/01/19

Benzene	0.112	0.00100	mg/L	0.100		112	80-120	0.179	20	
Toluene	0.113	0.00100	"	0.100		113	80-120	1.98	20	
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120	1.14	20	
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120	1.38	20	
Xylene (o)	0.120	0.00100	"	0.100		120	80-120	1.39	20	
Surrogate: 4-Bromofluorobenzene	0.0570		"	0.0600		95.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.0574		"	0.0600		95.8	80-120			

Calibration Blank (P9C0110-CCB1)

Prepared & Analyzed: 03/01/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.0567		"	0.0600		94.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.0447		"	0.0600		74.5	80-120			S-09

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Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9C0110 - General Preparation (GC)

Calibration Blank (P9C0110-CCB2)

Prepared & Analyzed: 03/01/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.0554		"	0.0600		92.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.0452		"	0.0600		75.4	80-120			S-09

Calibration Check (P9C0110-CCV1)

Prepared & Analyzed: 03/01/19

Benzene	0.114	0.00100	mg/L	0.100		114	80-120			
Toluene	0.114	0.00100	"	0.100		114	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.120	0.00100	"	0.100		120	80-120			
Surrogate: 4-Bromofluorobenzene	0.0618		"	0.0600		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.0632		"	0.0600		105	80-120			

Calibration Check (P9C0110-CCV2)

Prepared & Analyzed: 03/01/19

Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.207	0.00200	"	0.200		104	80-120			
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 4-Bromofluorobenzene	0.0587		"	0.0600		97.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.0632		"	0.0600		105	80-120			

Calibration Check (P9C0110-CCV3)

Prepared: 03/01/19 Analyzed: 03/02/19

Benzene	0.112	0.00100	mg/L	0.100		112	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		106	80-120			
Xylene (o)	0.117	0.00100	"	0.100		117	80-120			
Surrogate: 4-Bromofluorobenzene	0.0599		"	0.0600		99.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.0637		"	0.0600		106	80-120			

TRC Solutions- Midland, Texas
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Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9C0110 - General Preparation (GC)

Matrix Spike (P9C0110-MS1)

Source: 9B28013-11

Prepared: 03/01/19 Analyzed: 03/02/19

Benzene	0.124	0.00100	mg/L	0.100	0.0108	113	80-120			
Toluene	0.119	0.00100	"	0.100	ND	119	80-120			
Ethylbenzene	0.199	0.00100	"	0.100	ND	199	80-120			QM-05
Xylene (p/m)	0.218	0.00200	"	0.200	0.0355	91.2	80-120			
Xylene (o)	0.117	0.00100	"	0.100	ND	117	80-120			
Surrogate: 4-Bromofluorobenzene	0.0619		"	0.0600		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.0579		"	0.0600		96.5	80-120			

Batch P9C0111 - General Preparation (GC)

Blank (P9C0111-BLK1)

Prepared: 03/01/19 Analyzed: 03/02/19

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.0595		"	0.0600		99.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.0503		"	0.0600		83.8	80-120			

LCS (P9C0111-BS1)

Prepared: 03/01/19 Analyzed: 03/02/19

Benzene	0.110	0.00100	mg/L	0.100		110	80-120			
Toluene	0.114	0.00100	"	0.100		114	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.120	0.00100	"	0.100		120	80-120			
Surrogate: 4-Bromofluorobenzene	0.0562		"	0.0600		93.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.0579		"	0.0600		96.5	80-120			

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Project Number: 2003-00339
Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9C0111 - General Preparation (GC)

LCS Dup (P9C0111-BSD1)

Prepared: 03/01/19 Analyzed: 03/02/19

Benzene	0.118	0.00100	mg/L	0.100		118	80-120	6.64	20	
Toluene	0.114	0.00100	"	0.100		114	80-120	0.280	20	
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120	9.38	20	
Xylene (p/m)	0.215	0.00200	"	0.200		108	80-120	2.36	20	
Xylene (o)	0.116	0.00100	"	0.100		116	80-120	3.13	20	
Surrogate: 4-Bromofluorobenzene	0.0598		"	0.0600		99.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.0574		"	0.0600		95.7	80-120			

Calibration Blank (P9C0111-CCB1)

Prepared: 03/01/19 Analyzed: 03/02/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.0577		"	0.0600		96.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.0453		"	0.0600		75.4	80-120			S-09

Calibration Check (P9C0111-CCV1)

Prepared: 03/01/19 Analyzed: 03/02/19

Benzene	0.112	0.00100	mg/L	0.100		112	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		106	80-120			
Xylene (o)	0.117	0.00100	"	0.100		117	80-120			
Surrogate: 4-Bromofluorobenzene	0.0599		"	0.0600		99.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.0637		"	0.0600		106	80-120			

Calibration Check (P9C0111-CCV2)

Prepared: 03/01/19 Analyzed: 03/02/19

Benzene	0.115	0.00100	mg/L	0.100		115	80-120			
Toluene	0.110	0.00100	"	0.100		110	80-120			
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120			
Xylene (p/m)	0.200	0.00200	"	0.200		100	80-120			
Xylene (o)	0.116	0.00100	"	0.100		116	80-120			
Surrogate: 4-Bromofluorobenzene	0.0591		"	0.0600		98.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.0620		"	0.0600		103	80-120			

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Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9C0111 - General Preparation (GC)

Matrix Spike (P9C0111-MS1)

Source: 9B28013-15

Prepared: 03/01/19 Analyzed: 03/02/19

Benzene	0.359	0.00100	mg/L	0.100	0.435	NR	80-120			QM-05
Toluene	0.105	0.00100	"	0.100	ND	105	80-120			
Ethylbenzene	0.306	0.00100	"	0.100	0.271	34.9	80-120			QM-05
Xylene (p/m)	0.234	0.00200	"	0.200	0.0648	84.9	80-120			
Xylene (o)	0.124	0.00100	"	0.100	ND	124	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.0670		"	0.0600		112	80-120			
Surrogate: 1,4-Difluorobenzene	0.0702		"	0.0600		117	80-120			

Notes and Definitions

S-09	Surrogate recovery limits have been exceeded.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By:



Date:

3/8/2019

Brent Barron, Laboratory Director/Technical Director

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

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



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager:

Curt Station

Company Name

TRC Solutions

Company Address:

10 Dosta Dr

City/State/Zip:

Midland Tx 79705

Telephone No:

432) 520-7720

Fax No:

Sampler Signature:

Manny

e-mail:

Project Name:

lea station

Project #:

Project Loc:

PO #:

Report Format:

- ☐ Standard ☐ TRRP ☐ NPDES

ORDER #: 91328013

(lab use only)

LAB # (lab use only)		FIELD CODE	
Beginning Depth			
Ending Depth			
Date Sampled			
Time Sampled			
Field Filtered			
Total #. of Containers			
H ₂ O ₂			
I			
H ₂ SO ₄			
NaOH			
S ₂ O ₃			
S			
Other (Specify)			
Drinking Water	SL=Sludge	Preservation & # of Containers	Matrix
Groundwater	S=Soil/Solid		
Non-Potable	Specify Other		
TX 1005 8015B 8015M			
fe			
by 8021B			
		TOTAL:	

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
2-28-19	0847				

Relinquished by:	Date	Time	Received by:	Date	Time
2-28-19	0847				

Relinquished by:	Date	Time	Received by:	Date	Time

Relinquished by:	Date	Time	Received by:	Date	Time

Laboratory Comments:
Sample Containers Intact?
VOCs Free of Headspace?
Labels on containers?
Custody seals on container(s)
Sample Hand Delivered
by Sampler/Client Rep.?
by Counter? UFS DHL FedEx Lone Star
Temperature Upon Receipt:
Adjusted: 3.3 °C
°C Fahrenheit

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



Analytical Report

Prepared for:

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

Project: Lea Station
Project Number: 2003-00339

Location:

Lab Order Number: 9F06004



NELAP/TCEQ # T104704516-18-9

Report Date: 06/21/19

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW4	9F06004-01	Water	06/04/19 12:20	06-06-2019 09:42
MW5	9F06004-02	Water	06/04/19 12:49	06-06-2019 09:42
MW8	9F06004-03	Water	06/04/19 13:24	06-06-2019 09:42
MW9	9F06004-04	Water	06/04/19 14:19	06-06-2019 09:42
MW10	9F06004-05	Water	06/04/19 14:42	06-06-2019 09:42
MW13	9F06004-06	Water	06/04/19 15:51	06-06-2019 09:42
RW1	9F06004-07	Water	06/04/19 16:20	06-06-2019 09:42
RW2	9F06004-08	Water	06/04/19 16:46	06-06-2019 09:42
MW7	9F06004-09	Water	06/05/19 11:10	06-06-2019 09:42
MW6	9F06004-10	Water	06/05/19 11:46	06-06-2019 09:42
MW12	9F06004-11	Water	06/05/19 12:51	06-06-2019 09:42
MW1	9F06004-12	Water	06/05/19 13:18	06-06-2019 09:42
MW11	9F06004-13	Water	06/05/19 13:33	06-06-2019 09:42
MW3	9F06004-14	Water	06/05/19 15:03	06-06-2019 09:42
MW2	9F06004-15	Water	06/05/19 15:40	06-06-2019 09:42

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW4

9F06004-01 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P9F0703	06/07/19	06/07/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		92.1 %	80-120		P9F0703	06/07/19	06/07/19	EPA 8021B

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW5

9F06004-02 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		112 %	80-120		P9F0703	06/07/19	06/07/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		102 %	80-120		P9F0703	06/07/19	06/07/19	EPA 8021B

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Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW8

9F06004-03 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		106 %	80-120		P9F0703	06/07/19	06/07/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		109 %	80-120		P9F0703	06/07/19	06/07/19	EPA 8021B

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Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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MW9

9F06004-04 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		115 %	80-120		P9F0703	06/07/19	06/07/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		108 %	80-120		P9F0703	06/07/19	06/07/19	EPA 8021B

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Project Number: 2003-00339
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MW10
9F06004-05 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		117 %	80-120		P9F0703	06/07/19	06/07/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		92.1 %	80-120		P9F0703	06/07/19	06/07/19	EPA 8021B

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Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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MW13
9F06004-06 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		101 %	80-120		P9F0703	06/07/19	06/07/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P9F0703	06/07/19	06/07/19	EPA 8021B

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Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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RW1

9F06004-07 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		118 %	80-120		P9F0703	06/07/19	06/07/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P9F0703	06/07/19	06/07/19	EPA 8021B

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Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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RW2

9F06004-08 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		110 %	80-120		P9F0703	06/07/19	06/07/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		95.7 %	80-120		P9F0703	06/07/19	06/07/19	EPA 8021B

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Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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MW7

9F06004-09 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		117 %	80-120		P9F0703	06/07/19	06/07/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		99.2 %	80-120		P9F0703	06/07/19	06/07/19	EPA 8021B

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Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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MW6

9F06004-10 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		108 %	80-120		P9F0703	06/07/19	06/07/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		89.9 %	80-120		P9F0703	06/07/19	06/07/19	EPA 8021B

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Project Number: 2003-00339
Project Manager: Curt Stanley

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MW12
9F06004-11 (Water)

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

Organics by GC

Benzene	0.00361	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Ethylbenzene	0.0126	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9F0703	06/07/19	06/07/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>114 %</i>	<i>80-120</i>		<i>P9F0703</i>	<i>06/07/19</i>	<i>06/07/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>92.7 %</i>	<i>80-120</i>		<i>P9F0703</i>	<i>06/07/19</i>	<i>06/07/19</i>	<i>EPA 8021B</i>

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Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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MW1

9F06004-12 (Water)

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

Organics by GC

Benzene	0.252	0.00500	mg/L	5	P9F0703	06/07/19	06/07/19	EPA 8021B
Toluene	ND	0.00500	mg/L	5	P9F0703	06/07/19	06/07/19	EPA 8021B
Ethylbenzene	0.0572	0.00500	mg/L	5	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (p/m)	ND	0.0100	mg/L	5	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (o)	0.0143	0.00500	mg/L	5	P9F0703	06/07/19	06/07/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		98.2 %		80-120	P9F0703	06/07/19	06/07/19	EPA 8021B
<i>Surrogate: 1,4-Difluorobenzene</i>		93.6 %		80-120	P9F0703	06/07/19	06/07/19	EPA 8021B

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Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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MW11
9F06004-13 (Water)

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

Organics by GC

Benzene	0.330	0.00500	mg/L	5	P9F0703	06/07/19	06/07/19	EPA 8021B
Toluene	ND	0.00500	mg/L	5	P9F0703	06/07/19	06/07/19	EPA 8021B
Ethylbenzene	ND	0.00500	mg/L	5	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (p/m)	ND	0.0100	mg/L	5	P9F0703	06/07/19	06/07/19	EPA 8021B
Xylene (o)	ND	0.00500	mg/L	5	P9F0703	06/07/19	06/07/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>110 %</i>	<i>80-120</i>		<i>P9F0703</i>	<i>06/07/19</i>	<i>06/07/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>112 %</i>	<i>80-120</i>		<i>P9F0703</i>	<i>06/07/19</i>	<i>06/07/19</i>	<i>EPA 8021B</i>

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Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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MW3

9F06004-14 (Water)

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

Organics by GC

Benzene	0.682	0.0200	mg/L	20	P9F1008	06/10/19	06/10/19	EPA 8021B
Toluene	ND	0.0200	mg/L	20	P9F1008	06/10/19	06/10/19	EPA 8021B
Ethylbenzene	0.324	0.0200	mg/L	20	P9F1008	06/10/19	06/10/19	EPA 8021B
Xylene (p/m)	0.0852	0.0400	mg/L	20	P9F1008	06/10/19	06/10/19	EPA 8021B
Xylene (o)	ND	0.0200	mg/L	20	P9F1008	06/10/19	06/10/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>101 %</i>		<i>80-120</i>	<i>P9F1008</i>	<i>06/10/19</i>	<i>06/10/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>113 %</i>		<i>80-120</i>	<i>P9F1008</i>	<i>06/10/19</i>	<i>06/10/19</i>	<i>EPA 8021B</i>

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Project Number: 2003-00339
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MW2

9F06004-15 (Water)

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

Organics by GC

Benzene	1.68	0.0100	mg/L	10	P9F1008	06/10/19	06/11/19	EPA 8021B
Toluene	ND	0.0100	mg/L	10	P9F1008	06/10/19	06/11/19	EPA 8021B
Ethylbenzene	0.286	0.0100	mg/L	10	P9F1008	06/10/19	06/11/19	EPA 8021B
Xylene (p/m)	0.135	0.0200	mg/L	10	P9F1008	06/10/19	06/11/19	EPA 8021B
Xylene (o)	0.0125	0.0100	mg/L	10	P9F1008	06/10/19	06/11/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>103 %</i>		<i>80-120</i>	<i>P9F1008</i>	<i>06/10/19</i>	<i>06/11/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>94.0 %</i>		<i>80-120</i>	<i>P9F1008</i>	<i>06/10/19</i>	<i>06/11/19</i>	<i>EPA 8021B</i>

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Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9F0703 - General Preparation (GC)

Blank (P9F0703-BLK1)

Prepared & Analyzed: 06/07/19

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.0653		"	0.0600		109	80-120			
Surrogate: 1,4-Difluorobenzene	0.0618		"	0.0600		103	80-120			

LCS (P9F0703-BS1)

Prepared & Analyzed: 06/07/19

Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120			
Xylene (p/m)	0.190	0.00200	"	0.200		95.0	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.0722		"	0.0600		120	80-120			
Surrogate: 1,4-Difluorobenzene	0.0677		"	0.0600		113	80-120			

LCS Dup (P9F0703-BSD1)

Prepared & Analyzed: 06/07/19

Benzene	0.106	0.00100	mg/L	0.100		106	80-120	0.263	20	
Toluene	0.110	0.00100	"	0.100		110	80-120	1.01	20	
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120	5.70	20	
Xylene (p/m)	0.182	0.00200	"	0.200		91.2	80-120	4.12	20	
Xylene (o)	0.101	0.00100	"	0.100		101	80-120	3.00	20	
Surrogate: 4-Bromofluorobenzene	0.0731		"	0.0600		122	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0646		"	0.0600		108	80-120			

Calibration Blank (P9F0703-CCB1)

Prepared & Analyzed: 06/07/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.0560		"	0.0600		93.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.0572		"	0.0600		95.3	80-120			

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Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9F0703 - General Preparation (GC)

Calibration Blank (P9F0703-CCB2)

Prepared & Analyzed: 06/07/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.0716		"	0.0600		119	80-120			
Surrogate: 1,4-Difluorobenzene	0.0604		"	0.0600		101	80-120			

Calibration Check (P9F0703-CCV1)

Prepared & Analyzed: 06/07/19

Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200		100	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.0705		"	0.0600		118	80-120			
Surrogate: 1,4-Difluorobenzene	0.0670		"	0.0600		112	80-120			

Calibration Check (P9F0703-CCV2)

Prepared & Analyzed: 06/07/19

Benzene	0.0939	0.00100	mg/L	0.100		93.9	80-120			
Toluene	0.0972	0.00100	"	0.100		97.2	80-120			
Ethylbenzene	0.0941	0.00100	"	0.100		94.1	80-120			
Xylene (p/m)	0.164	0.00200	"	0.200		81.8	80-120			
Xylene (o)	0.0930	0.00100	"	0.100		93.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.0712		"	0.0600		119	80-120			
Surrogate: 1,4-Difluorobenzene	0.0698		"	0.0600		116	80-120			

Calibration Check (P9F0703-CCV3)

Prepared: 06/07/19 Analyzed: 06/09/19

Benzene	0.0922	0.00100	mg/L	0.100		92.2	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.0934	0.00100	"	0.100		93.4	80-120			
Xylene (p/m)	0.183	0.00200	"	0.200		91.5	80-120			
Xylene (o)	0.0945	0.00100	"	0.100		94.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.0742		"	0.0600		124	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0616		"	0.0600		103	80-120			

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9F0703 - General Preparation (GC)

Matrix Spike (P9F0703-MS1)

Source: 9F06001-04

Prepared & Analyzed: 06/07/19

Benzene	0.112	0.00100	mg/L	0.100	ND	112	80-120			
Toluene	0.117	0.00100	"	0.100	ND	117	80-120			
Ethylbenzene	0.112	0.00100	"	0.100	ND	112	80-120			
Xylene (p/m)	0.198	0.00200	"	0.200	ND	98.8	80-120			
Xylene (o)	0.113	0.00100	"	0.100	ND	113	80-120			
Surrogate: 4-Bromofluorobenzene	0.0673		"	0.0600		112	80-120			
Surrogate: 1,4-Difluorobenzene	0.0603		"	0.0600		101	80-120			

Matrix Spike Dup (P9F0703-MSD1)

Source: 9F06001-04

Prepared: 06/07/19 Analyzed: 06/09/19

Surrogate: 4-Bromofluorobenzene	0.159		mg/L	0.0600		265	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0675		"	0.0600		112	80-120			

Batch P9F1008 - General Preparation (GC)

Blank (P9F1008-BLK1)

Prepared & Analyzed: 06/10/19

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.0642		"	0.0600		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.0599		"	0.0600		99.9	80-120			

LCS (P9F1008-BS1)

Prepared & Analyzed: 06/10/19

Benzene	0.0991	0.00100	mg/L	0.100		99.1	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.173	0.00200	"	0.200		86.4	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.0714		"	0.0600		119	80-120			
Surrogate: 1,4-Difluorobenzene	0.0638		"	0.0600		106	80-120			

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9F1008 - General Preparation (GC)

LCS Dup (P9F1008-BSD1)

Prepared & Analyzed: 06/10/19

Benzene	0.0935	0.00100	mg/L	0.100		93.5	80-120	5.74	20	
Toluene	0.0964	0.00100	"	0.100		96.4	80-120	6.97	20	
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120	6.46	20	
Xylene (p/m)	0.163	0.00200	"	0.200		81.5	80-120	5.85	20	
Xylene (o)	0.0944	0.00100	"	0.100		94.4	80-120	6.55	20	
Surrogate: 4-Bromofluorobenzene	0.0694		"	0.0600		116	80-120			
Surrogate: 1,4-Difluorobenzene	0.0650		"	0.0600		108	80-120			

Calibration Blank (P9F1008-CCB1)

Prepared & Analyzed: 06/10/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.530		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.0706		"	0.0600		118	80-120			
Surrogate: 1,4-Difluorobenzene	0.0587		"	0.0600		97.8	80-120			

Calibration Check (P9F1008-CCV1)

Prepared & Analyzed: 06/10/19

Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.175	0.00200	"	0.200		87.6	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.0792		"	0.0600		132	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0721		"	0.0600		120	80-120			

Matrix Spike (P9F1008-MS1)

Source: 9F10002-01

Prepared & Analyzed: 06/10/19

Benzene	0.117	0.00100	mg/L	0.100	ND	117	80-120			
Toluene	0.114	0.00100	"	0.100	ND	114	80-120			
Ethylbenzene	0.113	0.00100	"	0.100	ND	113	80-120			
Xylene (p/m)	0.189	0.00200	"	0.200	ND	94.4	80-120			
Xylene (o)	0.111	0.00100	"	0.100	ND	111	80-120			
Surrogate: 4-Bromofluorobenzene	0.0661		"	0.0600		110	80-120			
Surrogate: 1,4-Difluorobenzene	0.0619		"	0.0600		103	80-120			

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9F1008 - General Preparation (GC)

Matrix Spike Dup (P9F1008-MSD1)	Source: 9F10002-01			Prepared & Analyzed: 06/10/19						
Benzene	0.113	0.00100	mg/L	0.100	ND	113	80-120	4.00	20	
Toluene	0.114	0.00100	"	0.100	ND	114	80-120	0.640	20	
Ethylbenzene	0.116	0.00100	"	0.100	ND	116	80-120	2.88	20	
Xylene (p/m)	0.189	0.00200	"	0.200	ND	94.6	80-120	0.233	20	
Xylene (o)	0.111	0.00100	"	0.100	ND	111	80-120	0.666	20	
Surrogate: 4-Bromofluorobenzene	0.0694		"	0.0600		116	80-120			
Surrogate: 1,4-Difluorobenzene	0.0594		"	0.0600		99.0	80-120			

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

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Notes and Definitions

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

ROI Received on Ice

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

6/21/2019

Brent Barron, Laboratory Director/Technical Director

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

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



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager:

Carl Stanley

Project Name:

lea station

Company Name

TRE Solutions

Project #:

Company Address:

10 Delta Dr

Project Loc:

City/State/Zip:

Midland TX 79705

PO #:

Telephone No:

(432) 520-7720

Report Format:

☐ Standard

☐ TRRP

☐ NPDES

Sampler Signature:

Elias Herrera

e-mail:

(lab use only)

ORDER #: *9F060004*

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH by TX 1005 8015B 8015M

Chloride

BTEX by 8021B

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

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

Standard TAT

Special Instructions:

Relinquished by:

Elias Herrera

Date

6-6 9:42

Received by:

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers Intact? ☒ Y
VOGs Free of Headspace? ☒ Y
Labels on container(s) ☒ Y
Custody seals on container(s) ☒ Y
Custody seals on cooler(s) ☒ Y
Sample Hand Delivered ☒ Y
by Sampler/Client Rep. ? ☒ Y
by Courier? ☒ Y
Temperature Upon Receipt: ☒ Y
Received: *2:22* ☒ Y
Adjusted: *3:3* ☒ Y
C Factor: *CF 12*

Relinquished by:

Date

Time

Received by:

Date

Time

Received by PBEI

6-19-94

Received by PBEI

Received by PBEI

Received by PBEI

Curt Stanley

TRC solutions

10 DESTO D

Midland Tx 79705

(432) 520-7720

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature: Elias Herrera

e-mail:

ORDER #: 9506004

International Conference

Special Instructions:

acquired by:
Elias Lewner

Page 10

Time 4

Received by:

Date _____

Time

Received by:

Refrained by

ଡାଟା

Time

Received by PBEL

Laboratory Comments:
Sample Containers Intact?
VOGs Free of Headspace?

**Custody seals on container(s)
Custody seals on cooler(s)
Sample Hand Delivered**

by Sampler/Client Rep. ?
by Courier? UPS DHL
Temperature/Non Recd.

Received:	2.2	°C
Adjusted:	3.2	°C Factor

 N
FedEx Lone Star

27

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



Analytical Report

Prepared for:

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

Project: Lea Station
Project Number: 2003-00339
Location: None Given
Lab Order Number: 9I06001



NELAP/TCEQ # T104704516-18-9

Report Date: 09/13/19

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW4	9I06001-01	Water	09/03/19 16:10	09-06-2019 09:09
MW5	9I06001-02	Water	09/03/19 17:08	09-06-2019 09:09
MW8	9I06001-03	Water	09/04/19 10:58	09-06-2019 09:09
MW9	9I06001-04	Water	09/04/19 11:33	09-06-2019 09:09
MW10	9I06001-05	Water	09/04/19 11:59	09-06-2019 09:09
MW13	9I06001-06	Water	09/04/19 13:35	09-06-2019 09:09
RW1	9I06001-07	Water	09/04/19 14:28	09-06-2019 09:09
RW2	9I06001-08	Water	09/04/19 15:15	09-06-2019 09:09
MW7	9I06001-09	Water	09/04/19 15:56	09-06-2019 09:09
MW6	9I06001-10	Water	09/04/19 16:42	09-06-2019 09:09
MW12	9I06001-11	Water	09/04/19 17:57	09-06-2019 09:09
MW1	9I06001-12	Water	09/05/19 11:05	09-06-2019 09:09
M11	9I06001-13	Water	09/05/19 11:23	09-06-2019 09:09
MW3	9I06001-14	Water	09/05/19 12:16	09-06-2019 09:09
MW2	9I06001-15	Water	09/05/19 12:55	09-06-2019 09:09

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW4
9I06001-01 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9I0605	09/06/19	09/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9I0605	09/06/19	09/06/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9I0605	09/06/19	09/06/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9I0605	09/06/19	09/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9I0605	09/06/19	09/06/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>119 %</i>	<i>80-120</i>		<i>P9I0605</i>	<i>09/06/19</i>	<i>09/06/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>80.0 %</i>	<i>80-120</i>		<i>P9I0605</i>	<i>09/06/19</i>	<i>09/06/19</i>	<i>EPA 8021B</i>

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW5

9106001-02 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		119 %	80-120		P910605	09/06/19	09/06/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		81.0 %	80-120		P910605	09/06/19	09/06/19	EPA 8021B

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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MW8
9106001-03 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		118 %	80-120		P910605	09/06/19	09/06/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		81.4 %	80-120		P910605	09/06/19	09/06/19	EPA 8021B

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW9

9106001-04 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		115 %	80-120		P910605	09/06/19	09/06/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		81.1 %	80-120		P910605	09/06/19	09/06/19	EPA 8021B

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10 Desta Dr STE 150E
Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW10
9106001-05 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		116 %	80-120		P910605	09/06/19	09/06/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		83.6 %	80-120		P910605	09/06/19	09/06/19	EPA 8021B

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10 Desta Dr STE 150E
Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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MW13
9106001-06 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		115 %	80-120		P910605	09/06/19	09/06/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		80.8 %	80-120		P910605	09/06/19	09/06/19	EPA 8021B	

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

RW1
9106001-07 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		118 %	80-120		P910605	09/06/19	09/06/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		84.6 %	80-120		P910605	09/06/19	09/06/19	EPA 8021B	

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

RW2

9106001-08 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		118 %	80-120		P910605	09/06/19	09/06/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		81.7 %	80-120		P910605	09/06/19	09/06/19	EPA 8021B

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10 Desta Dr STE 150E
Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW7

9106001-09 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		118 %	80-120		P910605	09/06/19	09/06/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		80.5 %	80-120		P910605	09/06/19	09/06/19	EPA 8021B

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10 Desta Dr STE 150E
Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW6
9106001-10 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		107 %	80-120		P910605	09/06/19	09/06/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		80.4 %	80-120		P910605	09/06/19	09/06/19	EPA 8021B

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW12
9106001-11 (Water)

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

Organics by GC

Benzene	0.0164	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Ethylbenzene	0.119	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (p/m)	0.0646	0.00200	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>112 %</i>	<i>80-120</i>		<i>P910605</i>	<i>09/06/19</i>	<i>09/06/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>104 %</i>	<i>80-120</i>		<i>P910605</i>	<i>09/06/19</i>	<i>09/06/19</i>	<i>EPA 8021B</i>

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW1
9106001-12 (Water)

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

Organics by GC

Benzene	0.128	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Ethylbenzene	0.00930	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (p/m)	0.0240	0.00200	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (o)	0.0153	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>89.8 %</i>	<i>80-120</i>		<i>P910605</i>	<i>09/06/19</i>	<i>09/06/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>92.6 %</i>	<i>80-120</i>		<i>P910605</i>	<i>09/06/19</i>	<i>09/06/19</i>	<i>EPA 8021B</i>

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

M11

9106001-13 (Water)

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

Organics by GC

Benzene	0.311	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Ethylbenzene	0.0510	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (p/m)	0.00894	0.00200	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>102 %</i>	<i>80-120</i>		<i>P910605</i>	<i>09/06/19</i>	<i>09/06/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>113 %</i>	<i>80-120</i>		<i>P910605</i>	<i>09/06/19</i>	<i>09/06/19</i>	<i>EPA 8021B</i>

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW3

9106001-14 (Water)

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

Organics by GC

Benzene	0.190	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Ethylbenzene	0.134	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (p/m)	0.0338	0.00200	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>106 %</i>	<i>80-120</i>		<i>P910605</i>	<i>09/06/19</i>	<i>09/06/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>110 %</i>	<i>80-120</i>		<i>P910605</i>	<i>09/06/19</i>	<i>09/06/19</i>	<i>EPA 8021B</i>

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW2

9106001-15 (Water)

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

Organics by GC

Benzene	0.368	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Ethylbenzene	0.151	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (p/m)	0.0762	0.00200	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P910605	09/06/19	09/06/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>81.4 %</i>	<i>80-120</i>		<i>P910605</i>	<i>09/06/19</i>	<i>09/06/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>102 %</i>	<i>80-120</i>		<i>P910605</i>	<i>09/06/19</i>	<i>09/06/19</i>	<i>EPA 8021B</i>

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9I0605 - General Preparation (GC)

Blank (P9I0605-BLK1)

Prepared & Analyzed: 09/06/19

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.138		"	0.120		115	80-120			
Surrogate: 1,4-Difluorobenzene	0.0965		"	0.120		80.4	80-120			

LCS (P9I0605-BS1)

Prepared & Analyzed: 09/06/19

Benzene	0.0843	0.00100	mg/L	0.100		84.3	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120			
Xylene (p/m)	0.229	0.00200	"	0.200		115	80-120			
Xylene (o)	0.120	0.00100	"	0.100		120	80-120			
Surrogate: 4-Bromofluorobenzene	0.142		"	0.120		118	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

LCS Dup (P9I0605-BS1)

Prepared & Analyzed: 09/06/19

Benzene	0.0970	0.00100	mg/L	0.100		97.0	80-120	14.0	20	
Toluene	0.117	0.00100	"	0.100		117	80-120	5.45	20	
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120	0.999	20	
Xylene (p/m)	0.233	0.00200	"	0.200		117	80-120	1.80	20	
Xylene (o)	0.116	0.00100	"	0.100		116	80-120	2.93	20	
Surrogate: 4-Bromofluorobenzene	0.140		"	0.120		117	80-120			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	80-120			

Calibration Blank (P9I0605-CCB1)

Prepared & Analyzed: 09/06/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.139		"	0.120		116	80-120			
Surrogate: 1,4-Difluorobenzene	0.103		"	0.120		85.5	80-120			

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9I0605 - General Preparation (GC)

Calibration Blank (P9I0605-CCB2)

Prepared & Analyzed: 09/06/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.140		"	0.120		117	80-120			
Surrogate: 1,4-Difluorobenzene	0.0974		"	0.120		81.1	80-120			

Calibration Blank (P9I0605-CCB3)

Prepared & Analyzed: 09/06/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.127		"	0.120		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.101		"	0.120		84.5	80-120			

Calibration Check (P9I0605-CCV1)

Prepared & Analyzed: 09/06/19

Benzene	0.0894	0.00100	mg/L	0.100		89.4	80-120			
Toluene	0.113	0.00100	"	0.100		113	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.227	0.00200	"	0.200		113	80-120			
Xylene (o)	0.111	0.00100	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	0.140		"	0.120		116	80-120			
Surrogate: 1,4-Difluorobenzene	0.129		"	0.120		108	80-120			

Calibration Check (P9I0605-CCV2)

Prepared & Analyzed: 09/06/19

Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.119	0.00100	"	0.100		119	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200		116	80-120			
Xylene (o)	0.117	0.00100	"	0.100		117	80-120			
Surrogate: 4-Bromofluorobenzene	0.144		"	0.120		120	80-120			
Surrogate: 1,4-Difluorobenzene	0.141		"	0.120		117	80-120			

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9I0605 - General Preparation (GC)

Calibration Check (P9I0605-CCV3)

Prepared & Analyzed: 09/06/19

Benzene	0.0900	0.00100	mg/L	0.100		90.0	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.111	0.00100	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	0.138		"	0.120		115	80-120			
Surrogate: 1,4-Difluorobenzene	0.136		"	0.120		114	80-120			

Matrix Spike (P9I0605-MS1)

Source: 9I06001-01

Prepared & Analyzed: 09/06/19

Benzene	0.102	0.00100	mg/L	0.100	ND	102	80-120			
Toluene	0.116	0.00100	"	0.100	ND	116	80-120			
Ethylbenzene	0.114	0.00100	"	0.100	ND	114	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200	ND	110	80-120			
Xylene (o)	0.110	0.00100	"	0.100	ND	110	80-120			
Surrogate: 4-Bromofluorobenzene	0.130		"	0.120		108	80-120			
Surrogate: 1,4-Difluorobenzene	0.132		"	0.120		110	80-120			

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

Notes and Definitions

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

Report Approved By:



Date:

9/13/2019

Brent Barron, Laboratory Director/Technical Director

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

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



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 Dosta Dr

City/State/Zip:

Midland TX 79705

Telephone No:

(432) 520 7720

Fax No:

Sampler Signature:

[Signature]

e-mail:

Project Name:

laa Station

Project #:

Project Loc:

PO #:

Report Format:

☐ Standard ☐ TRRP ☐ NPDES

(lab use only)

ORDER #: 9106001

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH by TX 1005 8015B 8015M

Chloride

BTEX by 8021B

Analyze For:

TCLP:

TOTAL:

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

Standard TAT

Special Instructions:

Relinquished by:

Date

Time

Received by:

Relinquished by:

Date

Time

Received by:

Relinquished by:

Date

Time

Received by:

Laboratory Comments:

Sample Containers intact?

VOGs Free of Headspace?

Labels on container(s)

Custody seals on container(s)

Sample Hand Delivered

by Sampler/Client Rep.?

by Counter? UPS DHL

Temperature Upon Receipt:

Adjusted: C F

123242



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

2 of 2

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

Phone: 432-886-7235

Project Manager:

Curt Stanley

Project Name:

Lea Station

Company Name

TRC Solutions

Project #:

Company Address:

10 Besta Dr

Project Loc:

City/State/Zip:

Midland TX 79705

PO #:

Telephone No:

(432) 520-7720

Report Format:

☐ Standard

☐ TRRP

☐ NPDES

Sampler Signature:

[Signature]

e-mail:

(lab use only)

ORDER #: 9106001

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH by TX 1005 8015B 8015M

Chloride

BTEX by 8021B

Standard TAT

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

Preservation & # of Containers

Matrix

Analyze For:

TCLP:

TOTAL:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	TPH by TX 1005 8015B 8015M	Chloride	BTEX by 8021B	Standard TAT	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs
	11	mw 12		9-4	1757		3	X		X													
	12	mw 1		9-5	1105																		
	13	mw 11			1123																		
	14	mw 3			1216																		
	15	mw 2			1255																		

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by P.B.E.L.:

Date

Time

Laboratory Comments:

Sample Containers intact?

VOGs Free of Headspace?

Labels on container(s)?

Custody seals on container(s)?

Sample Hand Delivered

by Sampler/Client Rep.?

by Courier?

UPS DHL

Temperature Upon Receipt:

Adjusted:

CF-1

°C

FedEx Lone Star

[Handwritten signature]

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



Analytical Report

Prepared for:

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

Project: Lea Station
Project Number: 2003-00339

Location:

Lab Order Number: 9K22005



NELAP/TCEQ # T104704516-17-8

Report Date: 12/11/19

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW4	9K22005-01	Water	11/19/19 14:20	11-22-2019 09:45
MW5	9K22005-02	Water	11/19/19 15:03	11-22-2019 09:45
MW8	9K22005-03	Water	11/19/19 15:31	11-22-2019 09:45
MW9	9K22005-04	Water	11/19/19 15:50	11-22-2019 09:45
MW10	9K22005-05	Water	11/19/19 16:19	11-22-2019 09:45
MW13	9K22005-06	Water	11/19/19 17:05	11-22-2019 09:45
RW1	9K22005-07	Water	11/20/19 12:05	11-22-2019 09:45
RW2	9K22005-08	Water	11/20/19 12:55	11-22-2019 09:45
MW7	9K22005-09	Water	11/20/19 13:35	11-22-2019 09:45
MW6	9K22005-10	Water	11/20/19 14:11	11-22-2019 09:45
MW12	9K22005-11	Water	11/20/19 14:43	11-22-2019 09:45
MW1	9K22005-12	Water	11/20/19 15:12	11-22-2019 09:45
MW3	9K22005-13	Water	11/20/19 15:40	11-22-2019 09:45
MW2	9K22005-14	Water	11/20/19 16:13	11-22-2019 09:45
MW11	9K22005-15	Water	11/20/19 16:27	11-22-2019 09:45

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

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

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Midland TX, 79705

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Project Manager: Curt Stanley

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MW4
9K22005-01 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		130 %	80-120		P9K2608	11/26/19	11/27/19	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P9K2608	11/26/19	11/27/19	EPA 8021B	

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MW5

9K22005-02 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		114 %	80-120		P9K2608	11/26/19	11/27/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		97.6 %	80-120		P9K2608	11/26/19	11/27/19	EPA 8021B

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Midland TX, 79705

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Project Manager: Curt Stanley

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MW8

9K22005-03 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		132 %	80-120		P9K2608	11/26/19	11/27/19	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P9K2608	11/26/19	11/27/19	EPA 8021B	

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Project: Lea Station
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Project Manager: Curt Stanley

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MW9

9K22005-04 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		123 %	80-120		P9K2608	11/26/19	11/27/19	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P9K2608	11/26/19	11/27/19	EPA 8021B	

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Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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MW10
9K22005-05 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9K2608	11/26/19	11/27/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		131 %	80-120		P9K2608	11/26/19	11/27/19	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P9K2608	11/26/19	11/27/19	EPA 8021B	

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Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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MW13
9K22005-06 (Water)

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

Organics by GC

Benzene	ND	0.00200	mg/L	2	P9K2608	11/26/19	11/27/19	EPA 8021B
Toluene	ND	0.00200	mg/L	2	P9K2608	11/26/19	11/27/19	EPA 8021B
Ethylbenzene	ND	0.00200	mg/L	2	P9K2608	11/26/19	11/27/19	EPA 8021B
Xylene (p/m)	ND	0.00400	mg/L	2	P9K2608	11/26/19	11/27/19	EPA 8021B
Xylene (o)	ND	0.00200	mg/L	2	P9K2608	11/26/19	11/27/19	EPA 8021B
Surrogate: 4-Bromofluorobenzene		116 %	80-120		P9K2608	11/26/19	11/27/19	EPA 8021B
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P9K2608	11/26/19	11/27/19	EPA 8021B

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RW1

9K22005-07 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		125 %	80-120		P9K2609	11/26/19	11/27/19	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P9K2609	11/26/19	11/27/19	EPA 8021B	

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RW2
9K22005-08 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Ethylbenzene	0.00574	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Xylene (p/m)	0.00537	0.00200	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>134 %</i>	<i>80-120</i>		<i>P9K2609</i>	<i>11/26/19</i>	<i>11/27/19</i>	<i>EPA 8021B</i>	<i>S-GC</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>106 %</i>	<i>80-120</i>		<i>P9K2609</i>	<i>11/26/19</i>	<i>11/27/19</i>	<i>EPA 8021B</i>	

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Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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MW7

9K22005-09 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		131 %		80-120	P9K2609	11/26/19	11/27/19	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		110 %		80-120	P9K2609	11/26/19	11/27/19	EPA 8021B	

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Midland TX, 79705

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Project Manager: Curt Stanley

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MW6
9K22005-10 (Water)

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

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		130 %	80-120		P9K2609	11/26/19	11/27/19	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		113 %	80-120		P9K2609	11/26/19	11/27/19	EPA 8021B	

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Midland TX, 79705

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Project Manager: Curt Stanley

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MW12
9K22005-11 (Water)

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

Organics by GC

Benzene	0.00559	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Ethylbenzene	0.0471	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>107 %</i>	<i>80-120</i>		<i>P9K2609</i>	<i>11/26/19</i>	<i>11/27/19</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>101 %</i>	<i>80-120</i>		<i>P9K2609</i>	<i>11/26/19</i>	<i>11/27/19</i>	<i>EPA 8021B</i>	

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MW1

9K22005-12 (Water)

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

Organics by GC

Benzene	0.153	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B
Ethylbenzene	0.00983	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B
Xylene (p/m)	0.0334	0.00200	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B
Xylene (o)	0.0182	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>108 %</i>	<i>80-120</i>		<i>P9K2609</i>	<i>11/26/19</i>	<i>11/27/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>106 %</i>	<i>80-120</i>		<i>P9K2609</i>	<i>11/26/19</i>	<i>11/27/19</i>	<i>EPA 8021B</i>

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MW3
9K22005-13 (Water)

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

Organics by GC

Benzene	0.211	0.00500	mg/L	5	P9K2609	11/26/19	11/27/19	EPA 8021B	
Toluene	ND	0.00500	mg/L	5	P9K2609	11/26/19	11/27/19	EPA 8021B	
Ethylbenzene	0.0768	0.00500	mg/L	5	P9K2609	11/26/19	11/27/19	EPA 8021B	
Xylene (p/m)	0.0301	0.0100	mg/L	5	P9K2609	11/26/19	11/27/19	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	5	P9K2609	11/26/19	11/27/19	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		111 %	80-120		P9K2609	11/26/19	11/27/19	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		115 %	80-120		P9K2609	11/26/19	11/27/19	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.0063	0.000096	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
2-Methylnaphthalene	0.0010	0.000096	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Acenaphthene	0.00045	0.000096	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Acenaphthylene	0.00060	0.000096	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Anthracene	0.00097	0.000096	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Benzo (a) anthracene	0.00055	0.000096	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Benzo (a) pyrene	ND	0.000096	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.000096	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.000096	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.000096	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Chrysene	0.0026	0.000096	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.000096	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Dibenzofuran	0.0032	0.000096	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Fluoranthene	0.00063	0.000096	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Fluorene	0.0018	0.000096	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.000096	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Naphthalene	0.0018	0.000096	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Phenanthrene	0.0087	0.000096	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Pyrene	0.00058	0.000096	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13

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Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW2
9K22005-14 (Water)

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

Organics by GC

Benzene	0.777	0.00500	mg/L	5	P9K2609	11/26/19	12/06/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Ethylbenzene	0.207	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Xylene (p/m)	0.119	0.00200	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
Xylene (o)	0.0282	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		88.6 %	80-120		P9K2609	11/26/19	11/27/19	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		91.8 %	80-120		P9K2609	11/26/19	11/27/19	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.037	0.00049	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
2-Methylnaphthalene	0.0027	0.000098	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Acenaphthene	0.00063	0.000098	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Acenaphthylene	0.00081	0.000098	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Anthracene	0.00073	0.000098	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Benzo (a) anthracene	0.00031	0.000098	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Benzo (a) pyrene	ND	0.000098	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.000098	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.000098	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.000098	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Chrysene	0.0013	0.000098	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.000098	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Dibenzofuran	0.0046	0.000098	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Fluoranthene	0.00036	0.000098	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Fluorene	0.0046	0.000098	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.000098	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Naphthalene	0.011	0.00049	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Phenanthrene	0.013	0.00049	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13
Pyrene	0.00036	0.000098	mg/L	1	P9L0602	11/27/19	12/04/19	8270C	SUB-13

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Midland TX, 79705

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

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MW11
9K22005-15 (Water)

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

Organics by GC

Benzene	1.41	0.00500	mg/L	5	P9K2609	11/26/19	12/06/19	EPA 8021B
Toluene	0.00400	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B
Ethylbenzene	0.104	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B
Xylene (p/m)	0.0248	0.00200	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B
Xylene (o)	0.00400	0.00100	mg/L	1	P9K2609	11/26/19	11/27/19	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>106 %</i>	<i>80-120</i>		<i>P9K2609</i>	<i>11/26/19</i>	<i>11/27/19</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>86.4 %</i>	<i>80-120</i>		<i>P9K2609</i>	<i>11/26/19</i>	<i>11/27/19</i>	<i>EPA 8021B</i>

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9K2608 - General Preparation (GC)

Blank (P9K2608-BLK1)

Prepared & Analyzed: 11/26/19

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.137		"	0.120		115	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.4	80-120			

LCS (P9K2608-BS1)

Prepared & Analyzed: 11/26/19

Benzene	0.0973	0.00100	mg/L	0.100		97.3	80-120			
Toluene	0.119	0.00100	"	0.100		119	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.227	0.00200	"	0.200		114	80-120			
Xylene (o)	0.119	0.00100	"	0.100		119	80-120			
Surrogate: 4-Bromofluorobenzene	0.161		"	0.120		134	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.134		"	0.120		112	80-120			

LCS Dup (P9K2608-BSD1)

Prepared & Analyzed: 11/26/19

Benzene	0.0895	0.00100	mg/L	0.100		89.5	80-120	8.35	20	
Toluene	0.116	0.00100	"	0.100		116	80-120	2.61	20	
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120	2.58	20	
Xylene (p/m)	0.234	0.00200	"	0.200		117	80-120	2.92	20	
Xylene (o)	0.118	0.00100	"	0.100		118	80-120	0.900	20	
Surrogate: 4-Bromofluorobenzene	0.152		"	0.120		127	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.128		"	0.120		107	80-120			

Calibration Blank (P9K2608-CCB1)

Prepared & Analyzed: 11/26/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.141		"	0.120		118	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.4	80-120			

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Project: Lea Station
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Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9K2608 - General Preparation (GC)

Calibration Blank (P9K2608-CCB2)

Prepared: 11/26/19 Analyzed: 11/27/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.154		"	0.120		128	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		105	80-120			

Calibration Check (P9K2608-CCV1)

Prepared & Analyzed: 11/26/19

Benzene	0.0805	0.00100	mg/L	0.100		80.5	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.224	0.00200	"	0.200		112	80-120			
Xylene (o)	0.115	0.00100	"	0.100		115	80-120			
Surrogate: 4-Bromofluorobenzene	0.156		"	0.120		130	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

Calibration Check (P9K2608-CCV2)

Prepared: 11/26/19 Analyzed: 11/27/19

Benzene	0.0803	0.00100	mg/L	0.100		80.3	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		105	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	0.148		"	0.120		123	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.130		"	0.120		109	80-120			

Calibration Check (P9K2608-CCV3)

Prepared: 11/26/19 Analyzed: 11/27/19

Benzene	0.0810	0.00100	mg/L	0.100		81.0	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120			
Xylene (p/m)	0.212	0.00200	"	0.200		106	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 4-Bromofluorobenzene	0.133		"	0.120		111	80-120			
Surrogate: 1,4-Difluorobenzene	0.133		"	0.120		111	80-120			

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Project: Lea Station
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Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9K2608 - General Preparation (GC)

Matrix Spike (P9K2608-MS1)

Source: 9K20001-05

Prepared: 11/26/19 Analyzed: 11/27/19

Benzene	0.0964	0.00100	mg/L	0.100	ND	96.4	80-120			
Toluene	0.114	0.00100	"	0.100	ND	114	80-120			
Ethylbenzene	0.108	0.00100	"	0.100	ND	108	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200	ND	98.6	80-120			
Xylene (o)	0.101	0.00100	"	0.100	ND	101	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.8	80-120			

Matrix Spike Dup (P9K2608-MSD1)

Source: 9K20001-05

Prepared: 11/26/19 Analyzed: 11/27/19

Benzene	0.0958	0.00100	mg/L	0.100	ND	95.8	80-120	0.604	20	
Toluene	0.117	0.00100	"	0.100	ND	117	80-120	3.30	20	
Ethylbenzene	0.113	0.00100	"	0.100	ND	113	80-120	4.50	20	
Xylene (p/m)	0.228	0.00200	"	0.200	ND	114	80-120	14.7	20	
Xylene (o)	0.116	0.00100	"	0.100	ND	116	80-120	13.5	20	
Surrogate: 4-Bromofluorobenzene	0.152		"	0.120		127	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	80-120			

Batch P9K2609 - General Preparation (GC)

Blank (P9K2609-BLK1)

Prepared: 11/26/19 Analyzed: 11/27/19

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.144		"	0.120		120	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.8	80-120			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K2609 - General Preparation (GC)										
LCS (P9K2609-BS1) Prepared: 11/26/19 Analyzed: 11/27/19										
Benzene	0.0892	0.00100	mg/L	0.100		89.2	80-120			
Toluene	0.115	0.00100	"	0.100		115	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.230	0.00200	"	0.200		115	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 4-Bromofluorobenzene	0.152		"	0.120		127	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.130		"	0.120		108	80-120			
LCS Dup (P9K2609-BSD1) Prepared: 11/26/19 Analyzed: 11/27/19										
Benzene	0.0907	0.00100	mg/L	0.100		90.7	80-120	1.66	20	
Toluene	0.117	0.00100	"	0.100		117	80-120	1.91	20	
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120	1.16	20	
Xylene (p/m)	0.228	0.00200	"	0.200		114	80-120	0.682	20	
Xylene (o)	0.116	0.00100	"	0.100		116	80-120	1.33	20	
Surrogate: 4-Bromofluorobenzene	0.160		"	0.120		133	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.136		"	0.120		114	80-120			
Calibration Blank (P9K2609-CCB1) Prepared: 11/26/19 Analyzed: 11/27/19										
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.177		"	0.120		147	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.131		"	0.120		109	80-120			
Calibration Blank (P9K2609-CCB2) Prepared: 11/26/19 Analyzed: 11/27/19										
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.152		"	0.120		127	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9K2609 - General Preparation (GC)

Calibration Check (P9K2609-CCV2)

Prepared: 11/26/19 Analyzed: 11/27/19

Benzene	0.0868	0.00100	mg/L	0.100		86.8	80-120			
Toluene	0.118	0.00100	"	0.100		118	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.226	0.00200	"	0.200		113	80-120			
Xylene (o)	0.117	0.00100	"	0.100		117	80-120			
Surrogate: 4-Bromofluorobenzene	0.148		"	0.120		123	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.141		"	0.120		117	80-120			

Calibration Check (P9K2609-CCV3)

Prepared: 11/26/19 Analyzed: 11/27/19

Benzene	0.0843	0.00100	mg/L	0.100		84.3	80-120			
Toluene	0.120	0.00100	"	0.100		120	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.224	0.00200	"	0.200		112	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	0.154		"	0.120		128	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.140		"	0.120		116	80-120			

Matrix Spike (P9K2609-MS1)

Source: 9K22006-01

Prepared: 11/26/19 Analyzed: 11/27/19

Benzene	0.117	0.00100	mg/L	0.100	0.00979	107	80-120			
Toluene	0.144	0.00100	"	0.100	ND	144	80-120			QM-07
Ethylbenzene	0.130	0.00100	"	0.100	ND	130	80-120			QM-07
Xylene (p/m)	0.265	0.00200	"	0.200	ND	133	80-120			QM-07
Xylene (o)	0.132	0.00100	"	0.100	ND	132	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.140		"	0.120		117	80-120			
Surrogate: 1,4-Difluorobenzene	0.134		"	0.120		112	80-120			

Matrix Spike Dup (P9K2609-MSD1)

Source: 9K22006-01

Prepared: 11/26/19 Analyzed: 11/27/19

Benzene	0.115	0.00100	mg/L	0.100	0.00979	105	80-120	2.14	20	
Toluene	0.140	0.00100	"	0.100	ND	140	80-120	2.71	20	QM-07
Ethylbenzene	0.132	0.00100	"	0.100	ND	132	80-120	2.21	20	QM-07
Xylene (p/m)	0.270	0.00200	"	0.200	ND	135	80-120	1.98	20	QM-07
Xylene (o)	0.125	0.00100	"	0.100	ND	125	80-120	4.72	20	QM-07
Surrogate: 4-Bromofluorobenzene	0.140		"	0.120		116	80-120			
Surrogate: 1,4-Difluorobenzene	0.137		"	0.120		114	80-120			

Notes and Definitions

SUB-13	Subcontract of analyte/analysis to ALS Houston.
S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By:



Date:

12/11/2019

Brent Barron, Laboratory Director/Technical Director

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

Project: Lea Station
Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

1 of 2

Phone: 432-688-7235

Project Manager:

Curt Stanley

Company Name

Tec Solutions

Company Address:

10 Desha Dr

City/State/Zip:

Midland TX 79705

Telephone No:

(432) 520-7720

Fax No:

Sampler Signature:

M. Wolf

e-mail:

Project Name:

La Station

Project #:

Project Loc:

PO #:

Report Format:

☐ Standard

☐ TRRP

☐ NPDES

(lab use only)

ORDER #: 9K22005

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW-Drinking Water SL-Sludge

GW-Groundwater S-Solid

NP-Non-Potable Specify Other

TPH by TX 1005 8015B 8015M

Chloride

BTEX by 8021B

Preservation & # of Containers

Matrix

Analyze For:

TOTAL:

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

Standard TAT

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspaces?

Labels on container(s)?

Custody seals on container(s)?

Sample Hand Delivered?

by Courier?

Temperature Upon Receipt:

Adjusted:

N

N

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

December 05, 2019

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

Work Order: **HS19111340**

Laboratory Results for: **9K22005**

Dear Brent,

ALS Environmental received 2 sample(s) on Nov 26, 2019 for the analysis presented in the following report.

Regards,

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

Generated By: ANDREW.NEIR

Andy C. Neir

Client: Permian Basin Environmental Lab, LP
Project: 9K22005
Work Order: HS19111340

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS19111340-04	9K22005-13	Water		21-Nov-2019 15:40	26-Nov-2019 08:40	☐
HS19111340-05	9K22005-14	Water		21-Nov-2019 16:13	26-Nov-2019 08:40	☐

Client: Permian Basin Environmental Lab, LP
Project: 9K22005
Work Order: HS19111340

CASE NARRATIVE

GCMS Semivolatiles by Method SW8270

Batch ID: 148111

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

Client: Permian Basin Environmental Lab, LP
 Project: 9K22005
 Sample ID: 9K22005-13
 Collection Date: 21-Nov-2019 15:40

ANALYTICAL REPORT

WorkOrder:HS19111340
 Lab ID:HS19111340-04
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 27-Nov-2019		Analyst: LG
1-Methylnaphthalene	6.29	n	0.0962	ug/L	1	04-Dec-2019 13:23
2-Methylnaphthalene	1.04		0.0962	ug/L	1	04-Dec-2019 13:23
Acenaphthene	0.452		0.0962	ug/L	1	04-Dec-2019 13:23
Acenaphthylene	0.599		0.0962	ug/L	1	04-Dec-2019 13:23
Anthracene	0.970		0.0962	ug/L	1	04-Dec-2019 13:23
Benz(a)anthracene	0.553		0.0962	ug/L	1	04-Dec-2019 13:23
Benzo(a)pyrene	ND		0.0962	ug/L	1	04-Dec-2019 13:23
Benzo(b)fluoranthene	ND		0.0962	ug/L	1	04-Dec-2019 13:23
Benzo(g,h,i)perylene	ND		0.0962	ug/L	1	04-Dec-2019 13:23
Benzo(k)fluoranthene	ND		0.0962	ug/L	1	04-Dec-2019 13:23
Chrysene	2.59		0.0962	ug/L	1	04-Dec-2019 13:23
Dibenz(a,h)anthracene	ND		0.0962	ug/L	1	04-Dec-2019 13:23
Dibenzofuran	3.20		0.0962	ug/L	1	04-Dec-2019 13:23
Fluoranthene	0.634		0.0962	ug/L	1	04-Dec-2019 13:23
Fluorene	1.77		0.0962	ug/L	1	04-Dec-2019 13:23
Indeno(1,2,3-cd)pyrene	ND		0.0962	ug/L	1	04-Dec-2019 13:23
Naphthalene	1.84		0.0962	ug/L	1	04-Dec-2019 13:23
Phenanthrene	8.70		0.0962	ug/L	1	04-Dec-2019 13:23
Pyrene	0.579		0.0962	ug/L	1	04-Dec-2019 13:23
<i>Surr: 2-Fluorobiphenyl</i>	60.2		32-130	%REC	1	04-Dec-2019 13:23
<i>Surr: 4-Terphenyl-d14</i>	55.2		40-135	%REC	1	04-Dec-2019 13:23
<i>Surr: Nitrobenzene-d5</i>	99.5		45-142	%REC	1	04-Dec-2019 13:23

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

Revision: 1

Client: Permian Basin Environmental Lab, LP
 Project: 9K22005
 Sample ID: 9K22005-14
 Collection Date: 21-Nov-2019 16:13

ANALYTICAL REPORT

WorkOrder:HS19111340
 Lab ID:HS19111340-05
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 27-Nov-2019		Analyst: LG
1-Methylnaphthalene	37.4	n	0.487	ug/L	5	04-Dec-2019 15:27
2-Methylnaphthalene	2.69		0.0975	ug/L	1	04-Dec-2019 13:43
Acenaphthene	0.629		0.0975	ug/L	1	04-Dec-2019 13:43
Acenaphthylene	0.810		0.0975	ug/L	1	04-Dec-2019 13:43
Anthracene	0.732		0.0975	ug/L	1	04-Dec-2019 13:43
Benz(a)anthracene	0.308		0.0975	ug/L	1	04-Dec-2019 13:43
Benzo(a)pyrene	ND		0.0975	ug/L	1	04-Dec-2019 13:43
Benzo(b)fluoranthene	ND		0.0975	ug/L	1	04-Dec-2019 13:43
Benzo(g,h,i)perylene	ND		0.0975	ug/L	1	04-Dec-2019 13:43
Benzo(k)fluoranthene	ND		0.0975	ug/L	1	04-Dec-2019 13:43
Chrysene	1.30		0.0975	ug/L	1	04-Dec-2019 13:43
Dibenz(a,h)anthracene	ND		0.0975	ug/L	1	04-Dec-2019 13:43
Dibenzofuran	4.57		0.0975	ug/L	1	04-Dec-2019 13:43
Fluoranthene	0.364		0.0975	ug/L	1	04-Dec-2019 13:43
Fluorene	4.59		0.0975	ug/L	1	04-Dec-2019 13:43
Indeno(1,2,3-cd)pyrene	ND		0.0975	ug/L	1	04-Dec-2019 13:43
Naphthalene	11.4		0.487	ug/L	5	04-Dec-2019 15:27
Phenanthrene	12.5		0.487	ug/L	5	04-Dec-2019 15:27
Pyrene	0.363		0.0975	ug/L	1	04-Dec-2019 13:43
Surr: 2-Fluorobiphenyl	71.1		32-130	%REC	1	04-Dec-2019 13:43
Surr: 2-Fluorobiphenyl	97.2		32-130	%REC	5	04-Dec-2019 15:27
Surr: 4-Terphenyl-d14	92.3		40-135	%REC	1	04-Dec-2019 13:43
Surr: 4-Terphenyl-d14	110		40-135	%REC	5	04-Dec-2019 15:27
Surr: Nitrobenzene-d5	84.9		45-142	%REC	1	04-Dec-2019 13:43
Surr: Nitrobenzene-d5	87.4		45-142	%REC	5	04-Dec-2019 15:27

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 9K22005
WorkOrder: HS19111340

Batch ID: 148111	Start Date: 27 Nov 2019 14:56	End Date:
Method: SW3511		Prep Code: 3511_PAH

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS19111340-01		34.29 (mL)	2 (mL)	0.05833
HS19111340-02		33.87 (mL)	2 (mL)	0.05905
HS19111340-03		33.48 (mL)	2 (mL)	0.05974
HS19111340-04		34.29 (mL)	2 (mL)	0.05833
HS19111340-05		33.85 (mL)	2 (mL)	0.05908

Client: Permian Basin Environmental Lab, LP
Project: 9K22005
WorkOrder: HS19111340

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 148111 (0)		Test Name : LOW-LEVEL PAHS - 8270D			Matrix: Water	
HS19111340-01	9K22004-08	21 Nov 2019 14:15		27 Nov 2019 14:56	04 Dec 2019 14:22	10
HS19111340-01	9K22004-08	21 Nov 2019 14:15		27 Nov 2019 14:56	04 Dec 2019 12:24	1
HS19111340-02	9K22004-09	21 Nov 2019 14:35		27 Nov 2019 14:56	04 Dec 2019 14:42	10
HS19111340-02	9K22004-09	21 Nov 2019 14:35		27 Nov 2019 14:56	04 Dec 2019 12:44	1
HS19111340-03	9K22004-11	21 Nov 2019 15:27		27 Nov 2019 14:56	04 Dec 2019 15:07	4
HS19111340-03	9K22004-11	21 Nov 2019 15:27		27 Nov 2019 14:56	04 Dec 2019 13:04	1
HS19111340-04	9K22005-13	21 Nov 2019 15:40		27 Nov 2019 14:56	04 Dec 2019 13:23	1
HS19111340-05	9K22005-14	21 Nov 2019 16:13		27 Nov 2019 14:56	04 Dec 2019 15:27	5
HS19111340-05	9K22005-14	21 Nov 2019 16:13		27 Nov 2019 14:56	04 Dec 2019 13:43	1

Client: Permian Basin Environmental Lab, LP
Project: 9K22005
WorkOrder: HS19111340

QC BATCH REPORT

Batch ID: 148111 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
MBLK	Sample ID: MBLK-148111	Units: ug/L		Analysis Date: 04-Dec-2019 10:07						
Client ID:	Run ID: SV-6_351789	SeqNo: 5373749		PrepDate: 27-Nov-2019		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	ND	0.100								
2-Methylnaphthalene	ND	0.100								
Acenaphthene	ND	0.100								
Acenaphthylene	ND	0.100								
Anthracene	ND	0.100								
Benz(a)anthracene	ND	0.100								
Benzo(a)pyrene	ND	0.100								
Benzo(b)fluoranthene	ND	0.100								
Benzo(g,h,i)perylene	ND	0.100								
Benzo(k)fluoranthene	ND	0.100								
Chrysene	ND	0.100								
Dibenz(a,h)anthracene	ND	0.100								
Dibenzofuran	ND	0.100								
Fluoranthene	ND	0.100								
Fluorene	ND	0.100								
Indeno(1,2,3-cd)pyrene	ND	0.100								
Naphthalene	ND	0.100								
Phenanthrene	ND	0.100								
Pyrene	ND	0.100								
Surr: 2-Fluorobiphenyl	3.026	0.100	3.03	0	99.9	32 - 130				
Surr: 4-Terphenyl-d14	3.057	0.100	3.03	0	101	40 - 135				
Surr: Nitrobenzene-d5	3.909	0.100	3.03	0	129	45 - 142				

Revision: 1

Client: Permian Basin Environmental Lab, LP
Project: 9K22005
WorkOrder: HS19111340

QC BATCH REPORT

Batch ID: 148111 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D					
LCS		Sample ID: LCS-148111		Units: ug/L		Analysis Date: 04-Dec-2019 10:26			
Client ID:		Run ID: SV-6_351789		SeqNo: 5373750		PrepDate: 27-Nov-2019		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	3.638	0.100	3.03	0	120	40 - 140			
2-Methylnaphthalene	3.532	0.100	3.03	0	117	40 - 140			
Acenaphthene	3.279	0.100	3.03	0	108	40 - 140			
Acenaphthylene	3.555	0.100	3.03	0	117	40 - 140			
Anthracene	3.059	0.100	3.03	0	101	40 - 140			
Benz(a)anthracene	3.067	0.100	3.03	0	101	40 - 140			
Benzo(a)pyrene	2.982	0.100	3.03	0	98.4	40 - 140			
Benzo(b)fluoranthene	2.728	0.100	3.03	0	90.0	40 - 140			
Benzo(g,h,i)perylene	2.88	0.100	3.03	0	95.1	40 - 140			
Benzo(k)fluoranthene	3.161	0.100	3.03	0	104	40 - 140			
Chrysene	3.039	0.100	3.03	0	100	40 - 140			
Dibenz(a,h)anthracene	2.782	0.100	3.03	0	91.8	40 - 140			
Dibenzofuran	3.244	0.100	3.03	0	107	40 - 140			
Fluoranthene	2.543	0.100	3.03	0	83.9	40 - 140			
Fluorene	3.311	0.100	3.03	0	109	40 - 140			
Indeno(1,2,3-cd)pyrene	2.522	0.100	3.03	0	83.2	40 - 140			
Naphthalene	3.159	0.100	3.03	0	104	40 - 140			
Phenanthrene	3.145	0.100	3.03	0	104	40 - 140			
Pyrene	3.557	0.100	3.03	0	117	40 - 140			
Surr: 2-Fluorobiphenyl	2.912	0.100	3.03	0	96.1	32 - 130			
Surr: 4-Terphenyl-d14	2.837	0.100	3.03	0	93.6	40 - 135			
Surr: Nitrobenzene-d5	3.271	0.100	3.03	0	108	45 - 142			

Revision: 1

Client: Permian Basin Environmental Lab, LP
Project: 9K22005
WorkOrder: HS19111340

QC BATCH REPORT

Batch ID: 148111 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCSD		Sample ID: LCSD-148111		Units: ug/L		Analysis Date: 04-Dec-2019 10:46				
Client ID:		Run ID: SV-6_351789		SeqNo: 5373751		PrepDate: 27-Nov-2019		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.52	0.100	3.03	0	116	40 - 140	3.638	3.28	25	
2-Methylnaphthalene	3.428	0.100	3.03	0	113	40 - 140	3.532	2.98	25	
Acenaphthene	3.27	0.100	3.03	0	108	40 - 140	3.279	0.28	25	
Acenaphthylene	3.601	0.100	3.03	0	119	40 - 140	3.555	1.27	25	
Anthracene	3.191	0.100	3.03	0	105	40 - 140	3.059	4.22	25	
Benz(a)anthracene	3.259	0.100	3.03	0	108	40 - 140	3.067	6.08	25	
Benzo(a)pyrene	2.955	0.100	3.03	0	97.5	40 - 140	2.982	0.915	25	
Benzo(b)fluoranthene	2.864	0.100	3.03	0	94.5	40 - 140	2.728	4.84	25	
Benzo(g,h,i)perylene	3.043	0.100	3.03	0	100	40 - 140	2.88	5.5	25	
Benzo(k)fluoranthene	3.36	0.100	3.03	0	111	40 - 140	3.161	6.1	25	
Chrysene	3.227	0.100	3.03	0	107	40 - 140	3.039	6.02	25	
Dibenz(a,h)anthracene	2.82	0.100	3.03	0	93.1	40 - 140	2.782	1.38	25	
Dibenzofuran	3.258	0.100	3.03	0	108	40 - 140	3.244	0.425	25	
Fluoranthene	2.577	0.100	3.03	0	85.0	40 - 140	2.543	1.31	25	
Fluorene	3.31	0.100	3.03	0	109	40 - 140	3.311	0.0293	25	
Indeno(1,2,3-cd)pyrene	2.425	0.100	3.03	0	80.0	40 - 140	2.522	3.91	25	
Naphthalene	3.203	0.100	3.03	0	106	40 - 140	3.159	1.39	25	
Phenanthrene	3.174	0.100	3.03	0	105	40 - 140	3.145	0.892	25	
Pyrene	3.622	0.100	3.03	0	120	40 - 140	3.557	1.81	25	
Surr: 2-Fluorobiphenyl	2.862	0.100	3.03	0	94.5	32 - 130	2.912	1.72	25	
Surr: 4-Terphenyl-d14	2.897	0.100	3.03	0	95.6	40 - 135	2.837	2.09	25	
Surr: Nitrobenzene-d5	3.474	0.100	3.03	0	115	45 - 142	3.271	6	25	

The following samples were analyzed in this batch: HS19111340-01 HS19111340-02 HS19111340-03 HS19111340-04
 HS19111340-05

Revision: 1

Client: Permian Basin Environmental Lab, LP
Project: 9K22005
WorkOrder: HS19111340

**QUALIFIERS,
ACRONYMS, UNITS**

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

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

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	19-028-0	27-Mar-2020
California	2919, 2019-2020	30-Apr-2020
Dept of Defense	ANAB L2231	20-Dec-2021
Florida	E87611-28	30-Jun-2020
Illinois	2000322019-2	09-May-2020
Kansas	E-10352 2019-2020	31-Jul-2020
Kentucky	123043, 2019-2020	30-Apr-2020
Louisiana	03087, 2019-2020	30-Jun-2020
Maryland	343, 2019-2020	30-Jun-2020
North Carolina	624-2019	31-Dec-2019
North Dakota	R-193 2019-2020	30-Apr-2020
Oklahoma	2019-067	31-Aug-2020
Texas	TX104704231-19-23	30-Apr-2020

Sample Receipt Checklist

Client Name: Permian Basin Lab
Work Order: HS19111340

Date/Time Received: **26-Nov-2019 08:40**
Received by: **AC**

Checklist completed by: Asad Chaudhry 26-Nov-2019
eSignature Date

Reviewed by: _____
eSignature Date

Matrices: **Water**

Carrier name: **FedEx Priority Overnight**

Shipping container/cooler in good condition?
Custody seals intact on shipping container/cooler?
Custody seals intact on sample bottles?
VOA/TX1005/TX1006 Solids in hermetically sealed vials?
Chain of custody present?
Chain of custody signed when relinquished and received?
Samplers name present on COC?
Chain of custody agrees with sample labels?
Samples in proper container/bottle?
Sample containers intact?
Sufficient sample volume for indicated test?
All samples received within holding time?
Container/Temp Blank temperature in compliance?
Temperature(s)/Thermometer(s):
Cooler(s)/Kit(s):
Date/Time sample(s) sent to storage:
Water - VOA vials have zero headspace?
Water - pH acceptable upon receipt?
pH adjusted?
pH adjusted by:

Yes ☒	No ☐	Not Present ☐
Yes ☐	No ☐	Not Present ☒
Yes ☐	No ☐	Not Present ☒
Yes ☐	No ☐	Not Present ☒
Yes ☒	No ☐	1 Page(s)
Yes ☒	No ☐	COC IDs:N/A
Yes ☐	No ☒	
Yes ☒	No ☐	
Yes ☒	No ☐	
Yes ☒	No ☐	
Yes ☒	No ☐	
Yes ☒	No ☐	

0.6c U/C	IR 11
Red	
11/26/2019 14:00	

Yes ☒	No ☐	No VOA vials submitted ☐
Yes ☐	No ☐	N/A ☒
Yes ☐	No ☐	N/A ☒

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:

**Pennian Basin Environmental
1400 Rankin HWY
Midland, Texas 79701**

HS19111340

Permian Basin Environmental Lab, LP
9K22005



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:

Report Format: Standard ☒ TRRP ☐ NPDES

Sampler Signature: N/A

e-mail: brentbarron@pbefab.com

[illegible]

Karl

Red

TRK# 8147 5084 8134
0200

TUE - 26 NOV AA
STANDARD OVERNIGHT

AB SGRA Red 77099
TX-US
IAH



FID 484795 25NOV19 HAPA 56AC1/F330/85A2