



**2020
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
Incident # nAPP2109535510

APPROVED

By Nelson Velez at 1:12 pm, Jan 12, 2022

PREPARED FOR:

PLAINS MARKETING, L.P.
333 CLAY STREET, SUITE 1600
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PREPARED BY:

TRC ENVIRONMENTAL CORPORATION
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January 2021

Review of 2020 ANNUAL
MONITORING REPORT: **Content**
satisfactory

Contractor anticipated actions
approved by OCD and are as
follows;

1. Continue quarterly
monitoring and groundwater
sampling in 2021
2. Complete sampling from
MW-2 and MW-3 for PAH analysis
in 2021

Submit the Annual Monitoring
Report to the OCD no later than
March 31, 2022.


Curt D. Stanley
Senior Project Manager

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INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), TRC Environmental Corporation (TRC) is pleased to submit this 2020 Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. 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 2020.

Groundwater monitoring was conducted during each quarter of 2020 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 $\frac{1}{4}$ NE $\frac{1}{4}$ 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 2020 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 summarized in Table 4.

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 conducted according to the following sampling schedule, which was approved by the NMOCD in correspondence dated March 24, 2020. The table below illustrates the current groundwater sampling schedule approved by the NMOCD.

NMOCD Approved Sampling Schedule prior to March 24, 2020 Modification							
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		

NMOCD Approved Sampling Schedule subsequent to March 24, 2020 Modification							
MW-1	Quarterly	MW-5	Quarterly	MW-9	Annual	MW-13	Quarterly
MW-2	Quarterly	MW-6	Semi-Annual	MW-10	Annual	RW-1	Annual
MW-3	Quarterly	MW-7	Annual	MW-11	Quarterly	RW-2	Annual
MW-4	Annual	MW-8	Annual	MW-12	Quarterly		

The site monitor wells were gauged and sampled on February 26-27, June 29-30, August 5-6, and November 5-6, 2020 and December 28, 2020. During each sampling event, monitor wells were purged of a minimum of three (3) well volumes of water or until the wells failed to produce water. Purging was performed using a disposable polyethylene bailer for each well or electrical Grundfos pump and dedicated tubing. Groundwater was allowed to recharge and samples were collected using disposable Teflon samplers. Water samples were placed in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during quarterly sampling events performed in 2020, are depicted on the Inferred Groundwater Gradient Maps, Figures 2A-2D. Groundwater elevation data for 2020 is provided as Table 1. Historical groundwater elevation data beginning at project inception is summarized in Table 4.

The most recent Inferred Groundwater Gradient Map, Figure 2D, indicated a general gradient of approximately 0.012 feet/foot to the southeast. The corrected groundwater elevations ranged from 3,469.10 to 3,482.24 feet above mean sea level, in monitor well MW-10 on November 5, 2020 and in monitor well MW-5 on May 20, 2020, respectively.

LABORATORY RESULTS

Groundwater samples collected during all four (4) quarters of the 2020 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 2020 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 2020 is summarized in Table 2 and historical concentrations of BTEX in groundwater are summarized in Table 5. The 2020 polynuclear aromatic hydrocarbon concentrations in groundwater are summarized in Table 3 and historical polynuclear aromatic hydrocarbon concentrations in groundwater are summarized in Table 6. Copies of the laboratory reports generated for 2020 are provided in Appendix A. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

Monitor well MW-1 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.155 mg/L during the 1st quarter to 0.195 mg/L during the 3rd quarter of 2020. Benzene concentrations were above the NMOCD regulatory guidelines of 0.01 mg/L during the four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00595 mg/L during the 3rd quarter to 0.04330 mg/L during the 4th quarter of 2020. Toluene concentrations were below the NMOCD regulatory guidelines of 0.75 mg/L during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0536 mg/L during the 3rd quarter to 0.106 mg/L during the 4th quarter of 2020. 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 0.02508 mg/L during the 3rd quarter to 0.2479 mg/L during the 4th quarter of 2020. Xylene concentrations were below the 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 0.794 mg/L during the 4th quarter to 1.15 mg/L during the 3rd 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 quarter to 0.0236 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 0.269 mg/L during the 2nd quarter to 0.352 mg/L during the 3rd quarter. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.16855 mg/L during the 2nd quarter to 0.3283 mg/L during the 1st quarter of 2020. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]anthracene (0.0025 mg/L), chrysene (0.00023 mg/L), fluorene (0.0071 mg/L), phenanthrene (0.019 mg/L), and naphthalene (0.163 mg/L).

Please note, monitor well MW-2 PAH sampling was inadvertently omitted from the sample list during the November 6, 2020 (4th quarter) sampling event and was sampled for PAH on December 28, 2020.

Monitor well MW-3 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.221 mg/L during the 2nd quarter to 0.557 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 3rd quarter to 0.00593 mg/L during the 2nd quarter. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.174 mg/L during the 1st and 2nd quarters to 0.348 mg/L during the 4th quarter. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.07375 mg/L during the 1st quarter to 0.1934 mg/L during the 4th

quarter of 2020. Xylene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]anthracene (0.0018 mg/L), chrysene (0.00025 mg/L), fluorene (0.0034 mg/L), phenanthrene (0.0071 mg/L), and naphthalene (0.095 mg/L). In addition, the analytical results indicated potentially elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]pyrene (<0.00099 mg/L), dibenz[a,h]anthracene (<0.00099 mg/L), and Indeno[1,2,3-cd]pyrene (<0.00099 mg/L).

Please note, monitor well MW-3 PAH sampling was inadvertently omitted from the sample list during the November 6, 2020 sampling event and was sampled for PAH on December 28, 2020.

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

Monitor well MW-6 was previously sampled on a quarterly schedule and is currently sampled on a semi-annual schedule. Please note, due to human error the monitor well was sampled on a quarterly schedule during the 2020 reporting period. The analytical results indicated benzene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.00203 mg/L during the 2nd quarter. Benzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 1st and 2nd quarters to 0.00153 mg/L during the 3rd quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0014 mg/L during the 4th quarter to 0.00361 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. The analytical results suggest BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 2017. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-7 was previously sampled on a quarterly schedule and is currently sampled on an annual schedule. The analytical results indicated BTEX constituent concentrations were

less than the applicable laboratory RL and the NMOCD regulatory guideline during the 1st quarter of the reporting period. The analytical results suggest BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 2014. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-8 was previously sampled on a quarterly schedule and is currently sampled on an annual schedule. The analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 1st quarter of the reporting period. The analytical results suggest BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 1997. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-9 was previously sampled on a quarterly schedule and is currently sampled on an annual schedule. The analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 1st quarter of the reporting period. The analytical results suggest BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 3rd quarter of 1993. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-10 was previously sampled on a quarterly schedule and is currently sampled on an annual schedule. The analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 1st quarter of the reporting period. The analytical results suggest BTEX constituent concentrations have been below the 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 0.209 mg/L during the 2nd quarter to 0.671 mg/L during the 1st quarter. Benzene concentrations were above the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 2nd and 3rd quarters to 0.0104 mg/L during the 1st quarter of 2020. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0168 mg/L during the 3rd quarter to 0.157 mg/L during the 4th quarter of 2020. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.00660 during the 1st quarter to 0.06301 mg/L during the 4th quarter of 2020. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-12 is sampled on a quarterly schedule. Please note, monitor well MW-12 was inadvertently omitted from the sample list during the November 6, 2020 (4th quarter) sampling event and was sampled on December 28, 2020. The analytical results indicated benzene concentrations ranged from 0.00213 mg/L during the 4th quarter to 0.00770 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 ranged from less than the applicable

laboratory RL during the 1st, 2nd, and 4th quarters to 0.00183 mg/L during the 3rd quarter. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00890 mg/L during the 4th quarter to 0.0457 mg/L during the 1st quarter. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 1st, 3rd, and 4th quarters to 0.0281 mg/L during the 2nd quarter of 2020. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

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

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

Recovery well RW-2 was previously sampled on a quarterly schedule and is currently sampled on an annual schedule. The analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 1st quarter of the reporting period. The analytical results suggest BTEX constituent concentrations have been below the 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 the 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 2020 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 2020 reporting period laboratory analytical results of the groundwater samples obtained during this annual reporting period indicated BTEX constituent concentrations are below the applicable the NMOCDC regulatory guidelines in eleven (11) 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 exceeded the NMWQCC Drinking Water Standard. In addition, the analytical results for monitor well MW-3 indicated potentially elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]pyrene, dibenz[a,h]anthracene, and Indeno[1,2,3-cd]pyrene.

ANTICIPATED ACTIONS

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

Based on the results of previous PAH analysis, PAH analysis will be conducted on monitor wells MW-2 and MW-3 during the 2021 reporting period.

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

LIMITATIONS

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

TRC has examined and relied upon documents referenced in the report and has relied on 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.

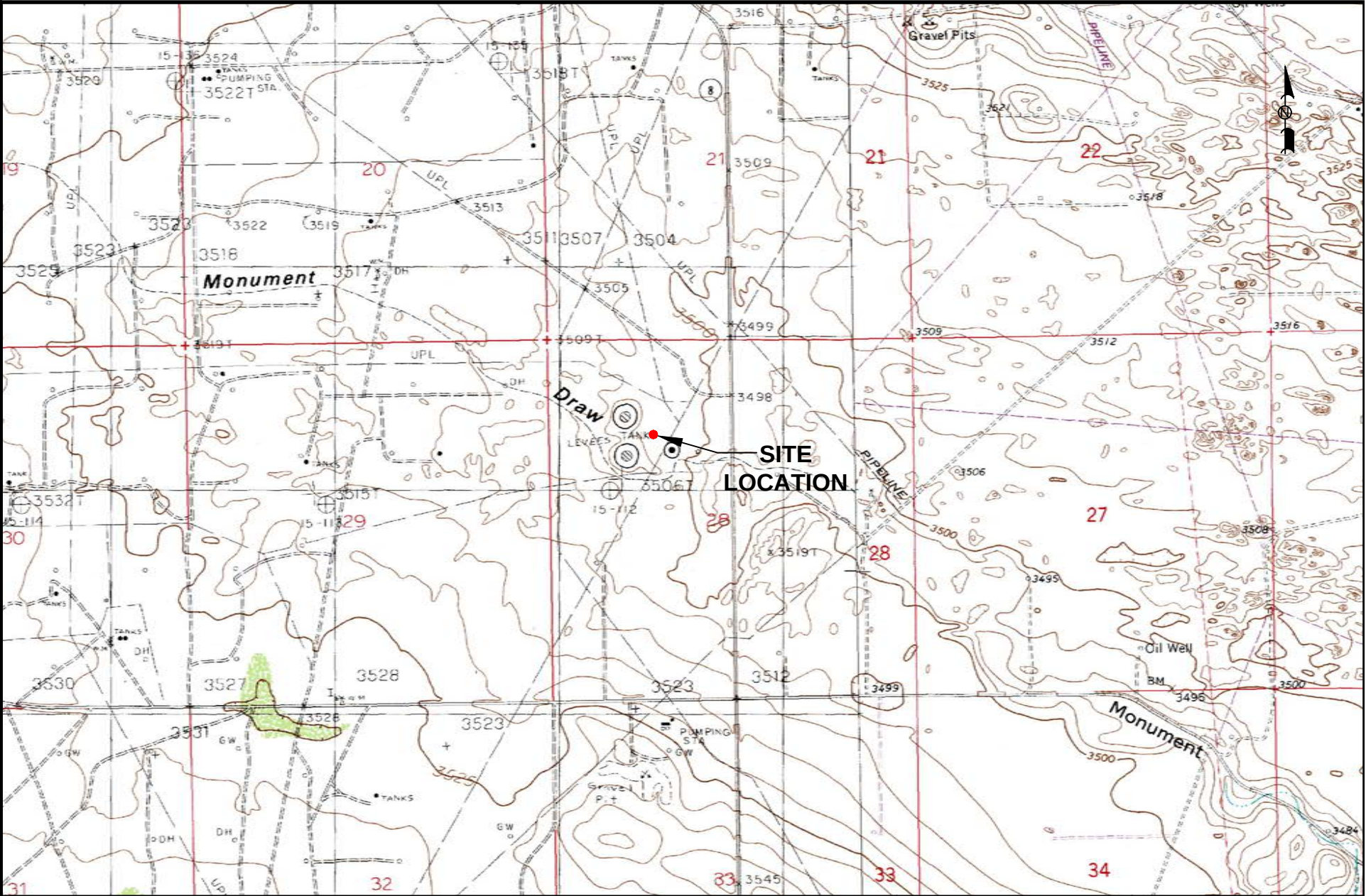
This report has been prepared for the benefit of Plains. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of TRC and/or Plains.

DISTRIBUTION

- Copy 1 Bradford Billings
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
- Copy 2: New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
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cdstanley@trccompanies.com

Figures

DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\Lea Station Monitoring\CAD\2020 Working Files\Figure 1 Site Location Map.dwg --- PLOT DATE: February 05, 2021 - 2:12PM --- LAYOUT: Layout1



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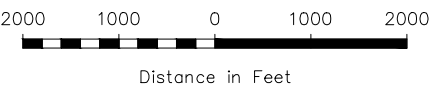
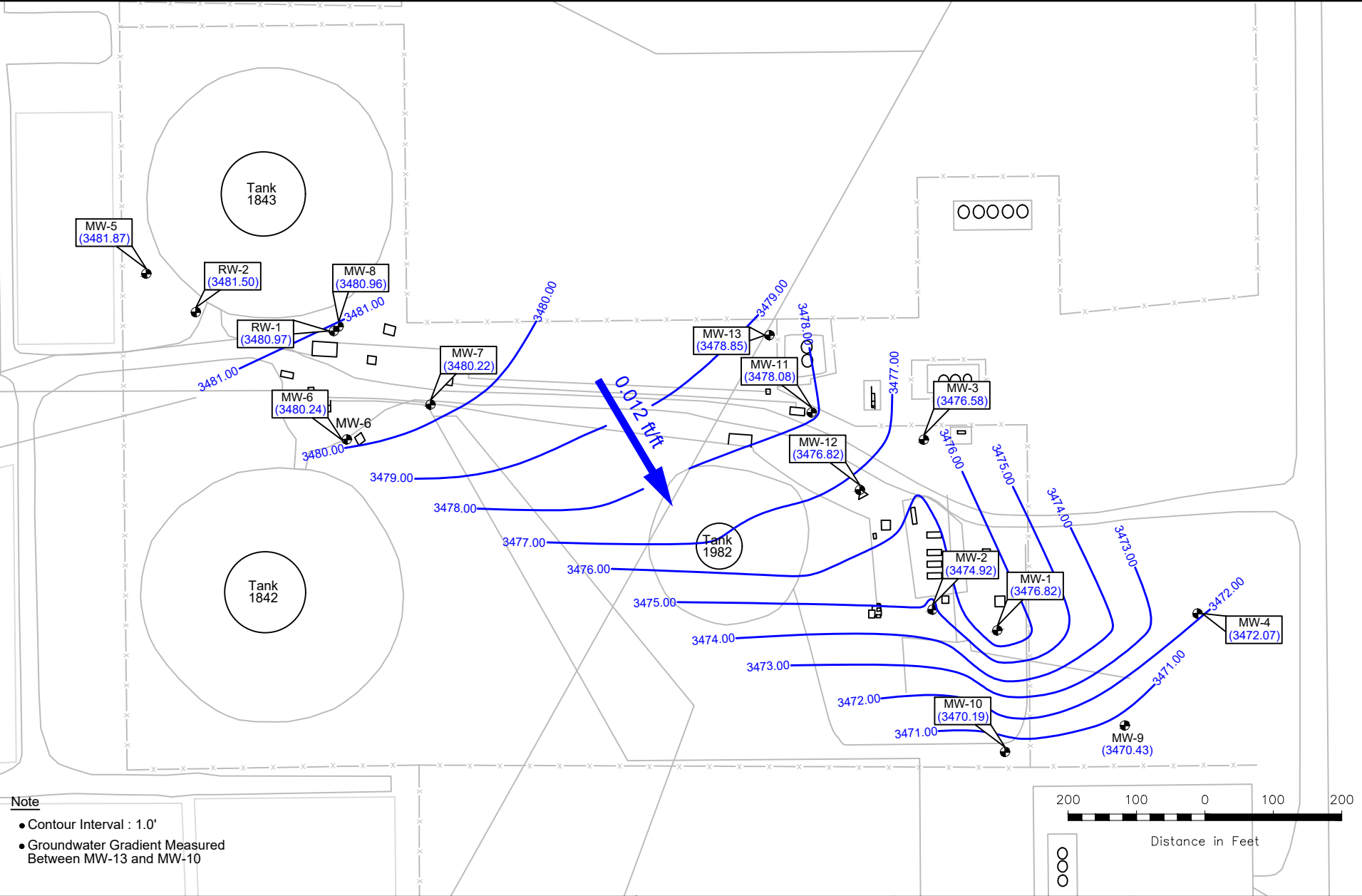


Figure 1
Site Location Map
Plains Marketing, LP.
Lea Station
NMOCD # GW-351
Lea County, NM

Scale: 1" = 2000'	
CAD By: CS	Checked By: CS
Draft: February 5, 2021	
Lat. N 32.547583° , Long. W 103.260278°	
SW1/4 NE1/4 Sec 28 T20S R37E	
Plains SRS # 2003-00339 TRC Proj. No.: 265411	


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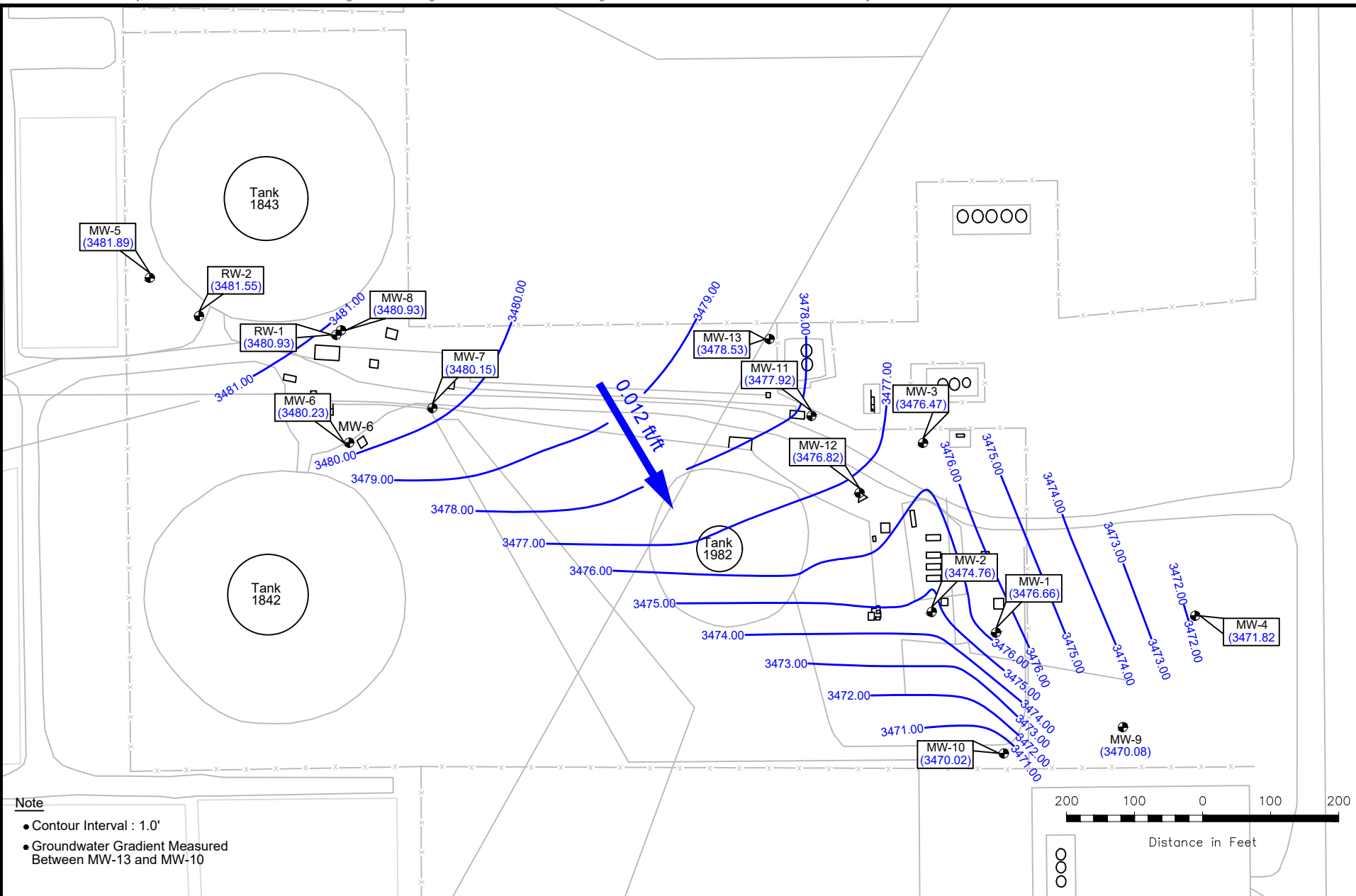
	Monitor Well Location	(3791.69)	Groundwater Elevation (Feet)
	Groundwater Elevation Contour Line		
(NG)	Not Gauged		

Figure 2A
Inferred Groundwater Gradient Map
(2/26/2020)
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 1, 2020	
Lat. N 32.547583° , Long. W 103.260278°	
SW1/4 NE1/4 Sec 28 T20S R37E	
Plains SRS # 2003-00339 TRC Proj. No.: 265411	

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Midland, Texas 79705
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DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\Lea Station Monitoring\CAD\2020 Working Files\GW\ Gradient 2B 6.29.30.20.dwg --- PLOT DATE: December 23, 2020 - 2:01PM --- LAYOUT: Layout1



LEGEND:



Monitor Well Location

(3791.69)

Groundwater Elevation (Feet)



Groundwater Elevation Contour Line

(NG)

Not Gauged

Figure 2B
Inferred Groundwater Gradient Map
(6/29/2020-6/30/2020)
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 27, 2020

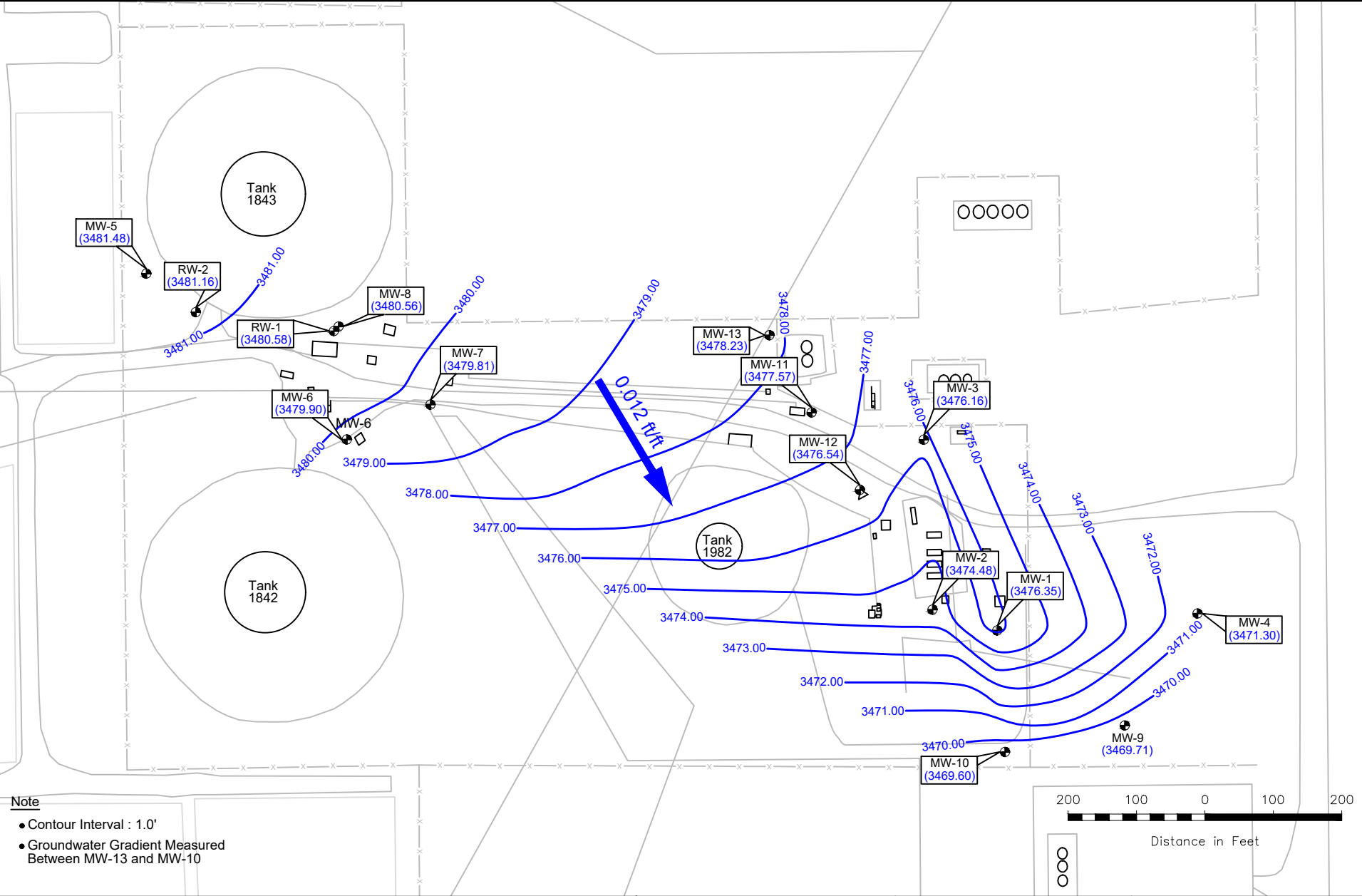
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SW1/4 NE1/4 Sec 28 T20S R37E

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



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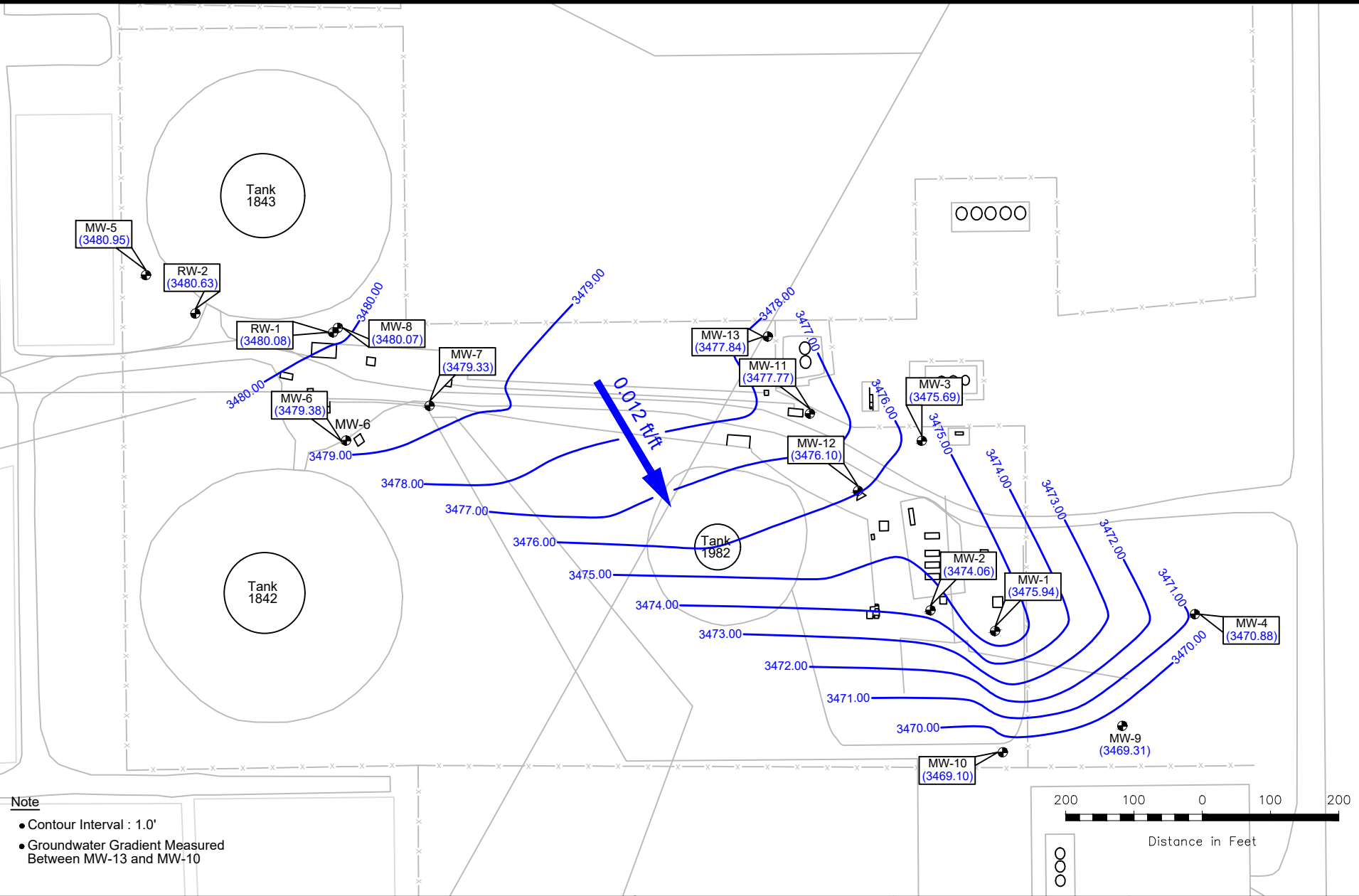
LEGEND:

	Monitor Well Location	(3479.69)	Groundwater Elevation (Feet)
	Groundwater Elevation Contour Line	(NG)	Not Gauged

Figure 2C
Inferred Groundwater Gradient Map
(8/5/2020 - 8/6/2020)
Plains Marketing, L.P.
Lea Station Monitoring
NMOCD Reference # GW-351
Lea County, NM

Scale: 1" = 200'	
CAD By: CS	Checked By: CS
Draft: September 11, 2020	
Lat. N 32.547583° , Long. W 103.260278°	
SW1/4 NE1/4 Sec 28 T20S R37E	
Plains SRS # 2003-00339 TRC Proj. No.: 265411	

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LEGEND:

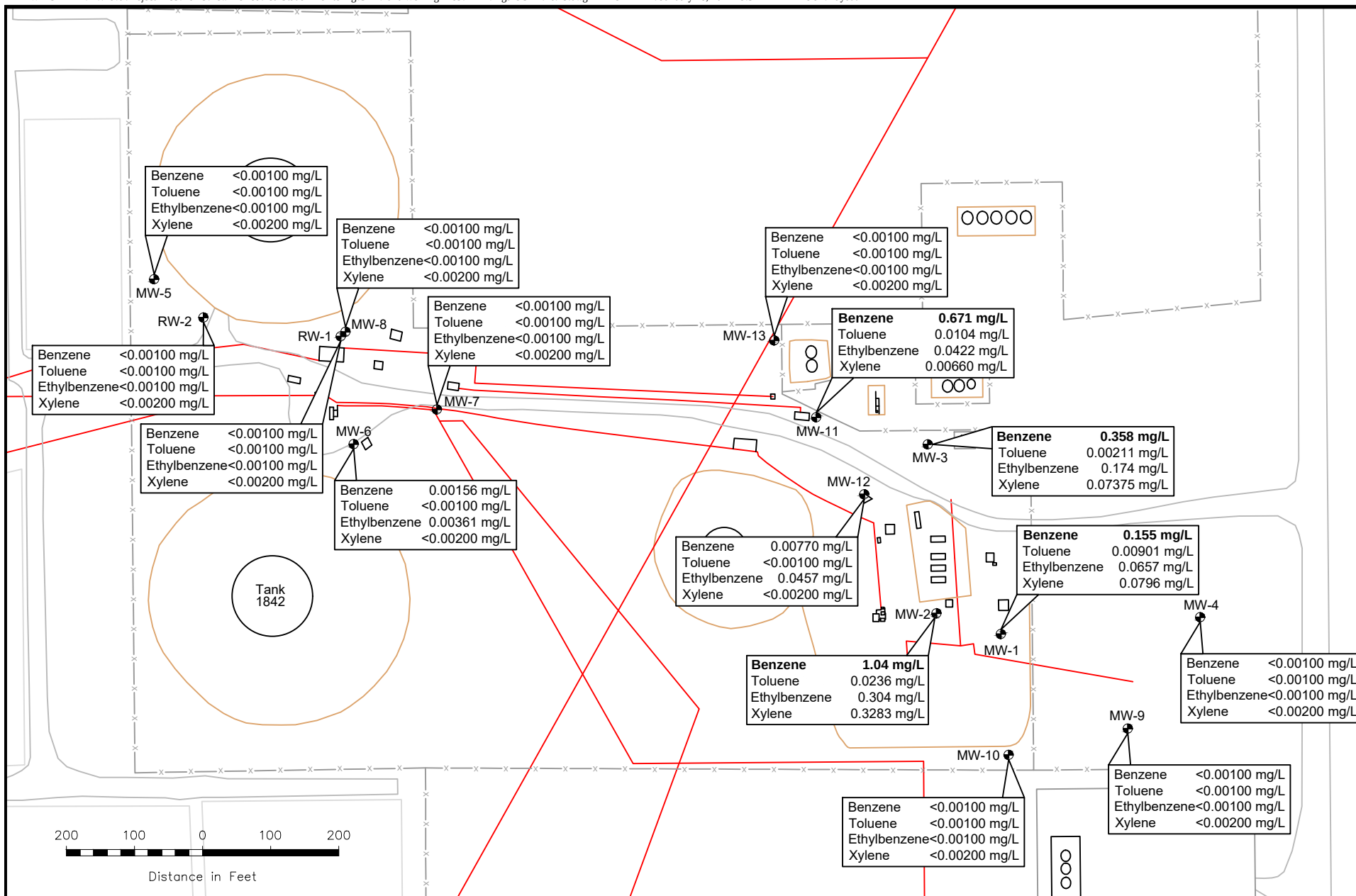
- Monitor Well Location
- (3791.69) Groundwater Elevation (Feet)
- Groundwater Elevation Contour Line
- (NG) Not Gauged

Figure 2D
Inferred Groundwater Gradient Map
(11/5/2020 - 11/6/2020)
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 17, 2020	
Lat. N 32.547583° , Long. W 103.260278°	
SW1/4 NE1/4 Sec 28 T20S R37E	
Plains SRS # 2003-00339 TRC Proj. No.: 265411	



DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\Lea Station Monitoring\CAD\2020 Working Files\BTEX\ Figure 3A 2.26.19.dwg -- PLOT DATE: January 28, 2021 - 9:32AM -- LAYOUT: Layout1



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
(2/27/2020)
Plains Marketing, LP.
Lea Station
NMOCD # GW-351
Lea County, NM

Scale: 1" = 200'

CAD By: CS Checked By: CS

Draft: March 18, 2020

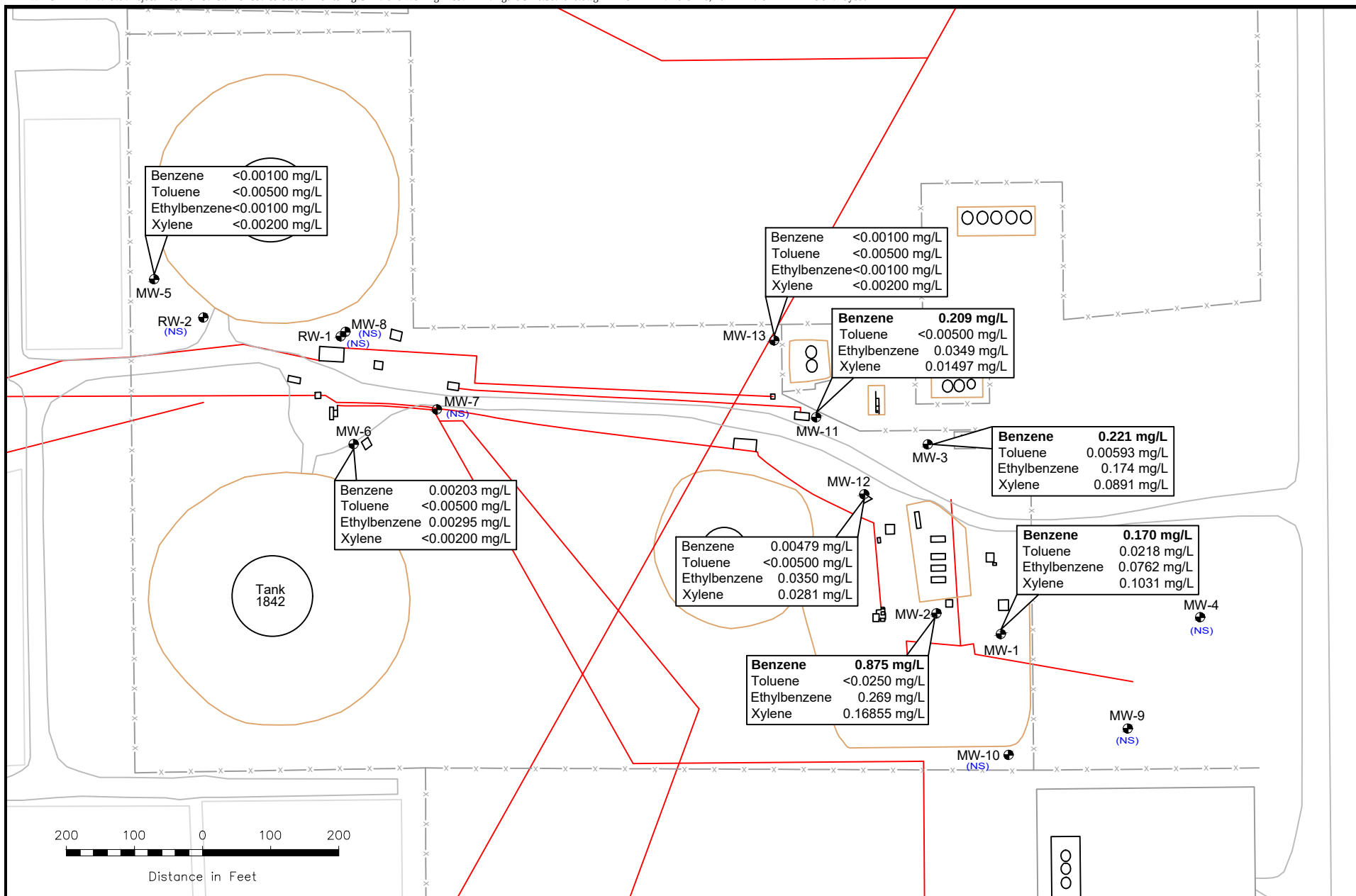
Lat. N 32.547583° , Long. W 103.260278°

SW1/4 NE1/4 Sec 28 T20S R37E

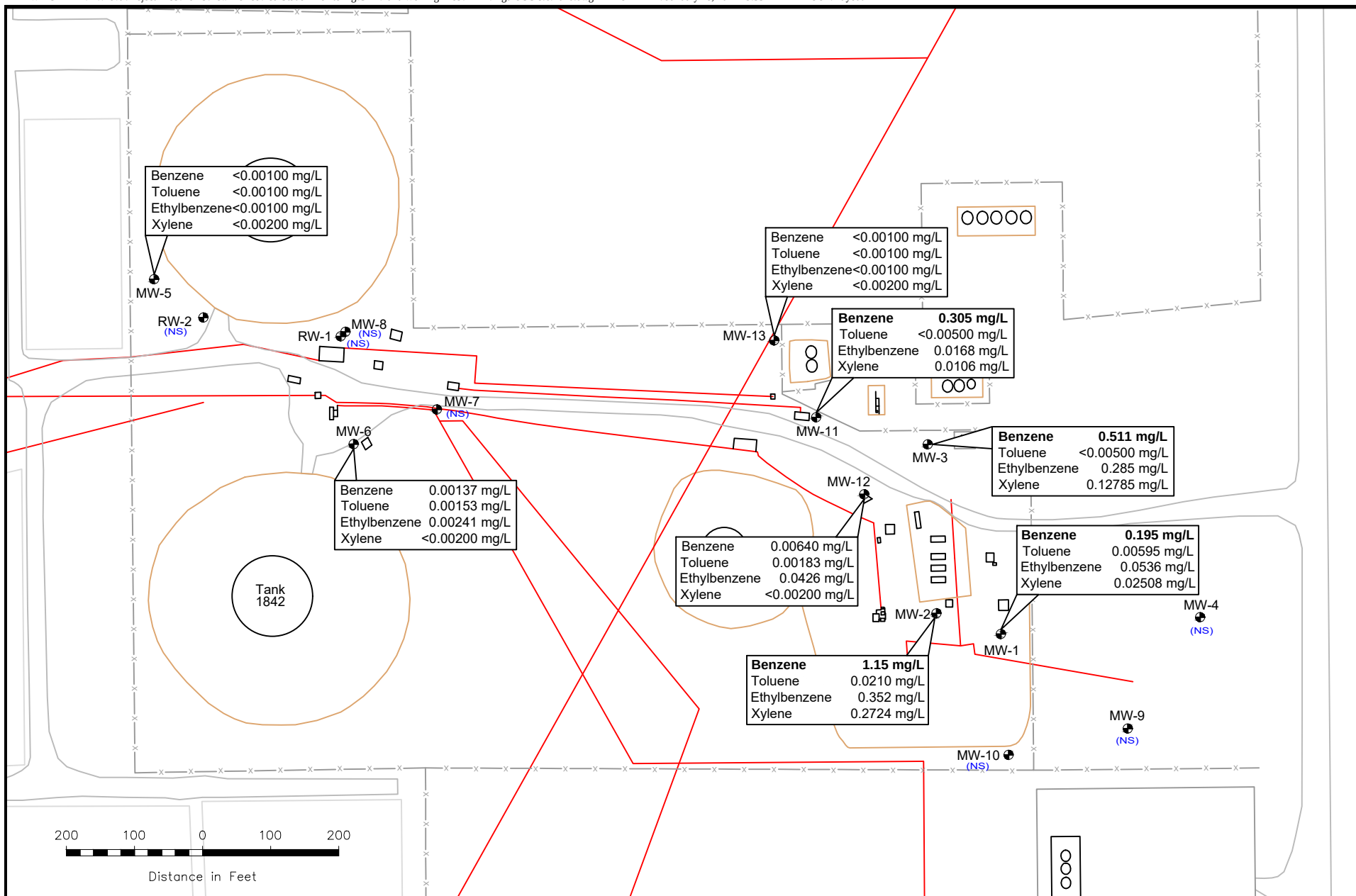
Plains SRS # 2003-00339 TRC Proj. No.: 265411



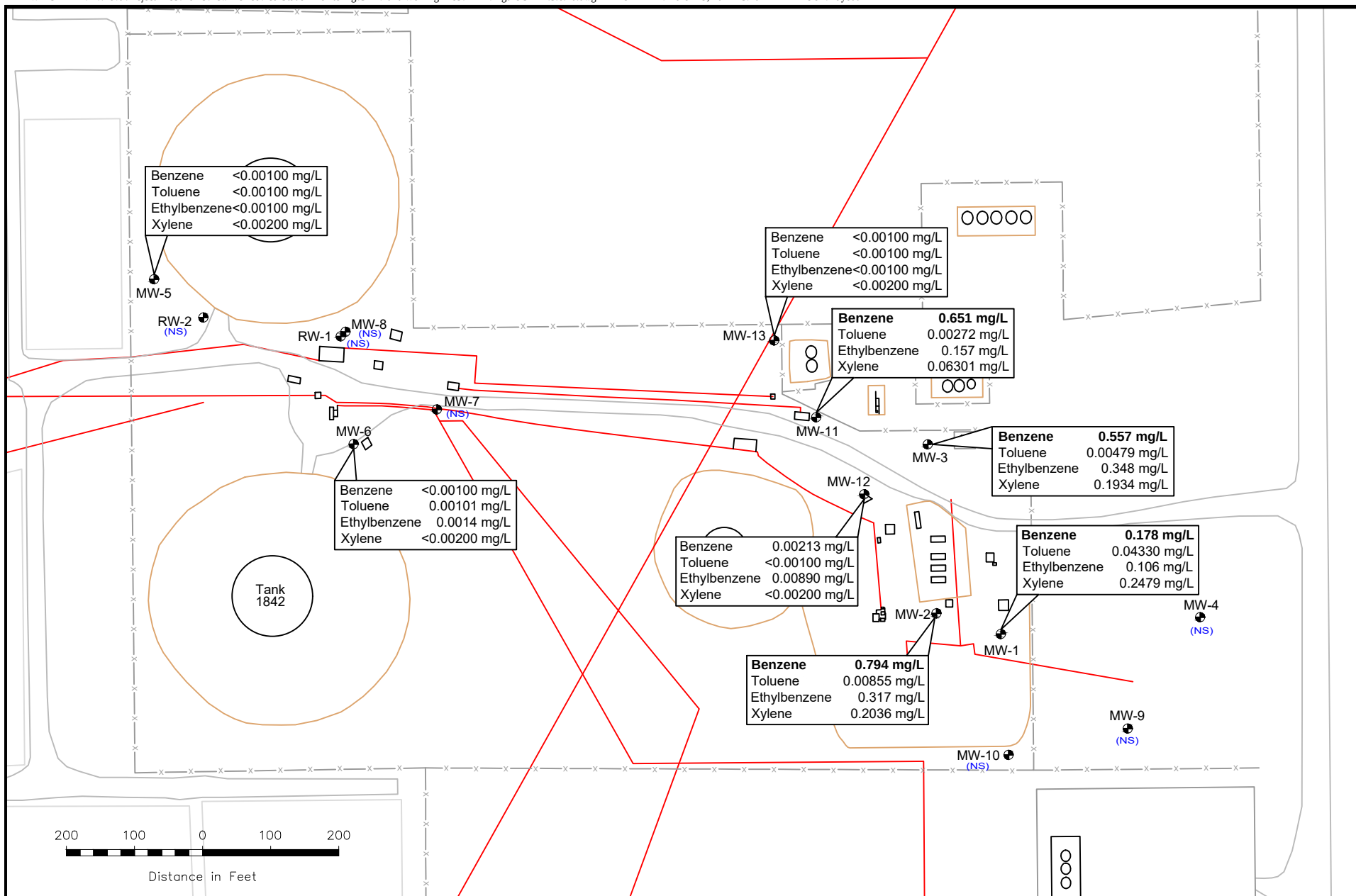
DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\Lea Station Monitoring\CAD\2020 Working Files\BTEX\ Figure 3B 6.30.2020.dwg -- PLOT DATE: March 10, 2021 - 12:48PM -- LAYOUT: Layout1



DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\Lea Station Monitoring\CAD\2020 Working Files\BTEX\ Figure 3C 8.6.2020.dwg --- PLOT DATE: January 28, 2021 - 9:33AM --- LAYOUT: Layout1



DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\Lea Station Monitoring\CAD\2020 Working Files\BTEX\ Figure 3D 11.5.6.20.dwg --- PLOT DATE: March 29, 2021 - 3:40PM --- LAYOUT: Layout1



Tables

TABLE 1
2020 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	01/02/20	3,505.22	-	28.24	0.00	3,476.98
MW-1	01/13/20	3,505.22	-	28.36	0.00	3,476.86
MW-1	01/27/20	3,505.22	-	28.32	0.00	3,476.90
MW-1	02/10/20	3,505.22	-	28.31	0.00	3,476.91
MW-1	02/26/20	3,505.22	-	28.40	0.00	3,476.82
MW-1	05/20/20	3,505.22	-	28.10	0.00	3,477.12
MW-1	06/23/20	3,505.22	-	28.51	0.00	3,476.71
MW-1	06/30/20	3,505.22	-	28.56	0.00	3,476.66
MW-1	07/17/20	3,505.22	-	28.74	0.00	3,476.48
MW-1	08/06/20	3,505.22	-	28.87	0.00	3,476.35
MW-1	08/14/20	3,505.22	-	28.96	0.00	3,476.26
MW-1	09/09/20	3,505.22	-	29.21	0.00	3,476.01
MW-1	10/14/20	3,505.22	-	29.28	0.00	3,475.94
MW-1	10/22/20	3,505.22	-	29.24	0.00	3,475.98
MW-1	11/06/20	3,505.22	-	29.28	0.00	3,475.94
MW-1	11/16/20	3,505.22	-	29.36	0.00	3,475.86
MW-2	01/02/20	3,503.88	-	28.86	0.00	3,475.02
MW-2	01/13/20	3,503.88	-	28.96	0.00	3,474.92
MW-2	01/27/20	3,503.88	-	28.90	0.00	3,474.98
MW-2	02/10/20	3,503.88	-	28.90	0.00	3,474.98
MW-2	02/26/20	3,503.88	-	28.96	0.00	3,474.92
MW-2	05/20/20	3,503.88	-	28.72	0.00	3,475.16
MW-2	06/23/20	3,503.88	-	29.08	0.00	3,474.80
MW-2	06/30/20	3,503.88	-	29.12	0.00	3,474.76
MW-2	07/17/20	3,503.88	-	29.26	0.00	3,474.62
MW-2	08/06/20	3,503.88	-	29.40	0.00	3,474.48
MW-2	08/14/20	3,503.88	-	29.49	0.00	3,474.39
MW-2	09/09/20	3,503.88	-	29.76	0.00	3,474.12
MW-2	10/14/20	3,503.88	-	29.80	0.00	3,474.08
MW-2	10/22/20	3,503.88	-	29.79	0.00	3,474.09
MW-2	11/06/20	3,503.88	-	29.82	0.00	3,474.06
MW-2	11/16/20	3,503.88	-	29.89	0.00	3,473.99
MW-2	12/28/20	3,503.88	-	30.03	0.00	3,473.85
MW-3	01/13/20	3,505.18	-	28.62	0.00	3,476.56
MW-3	01/27/20	3,505.18	-	28.59	0.00	3,476.59
MW-3	02/10/20	3,505.18	-	28.53	0.00	3,476.65

TABLE 1
2020 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	02/26/20	3,505.18	-	28.60	0.00	3,476.58
MW-3	05/20/20	3,505.18	-	28.36	0.00	3,476.82
MW-3	06/23/20	3,505.18	-	28.65	0.00	3,476.53
MW-3	06/30/20	3,505.18	-	28.71	0.00	3,476.47
MW-3	07/17/20	3,505.18	-	28.87	0.00	3,476.31
MW-3	08/06/20	3,505.18	-	29.02	0.00	3,476.16
MW-3	08/14/20	3,505.18	-	29.10	0.00	3,476.08
MW-3	09/09/20	3,505.18	-	29.33	0.00	3,475.85
MW-3	10/14/20	3,505.18	-	29.40	0.00	3,475.78
MW-3	10/22/20	3,505.18	-	29.41	0.00	3,475.77
MW-3	11/06/20	3,505.18	-	29.49	0.00	3,475.69
MW-3	11/16/20	3,505.18	-	29.55	0.00	3,475.63
MW-3	12/28/20	3,505.18	-	29.63	0.00	3,475.55
MW-4	01/02/20	3,501.52	-	29.31	0.00	3,472.21
MW-4	01/27/20	3,501.52	-	29.31	0.00	3,472.21
MW-4	02/26/20	3,501.52	-	29.45	0.00	3,472.07
MW-4	05/20/20	3,501.52	-	29.05	0.00	3,472.47
MW-4	06/30/20	3,501.52	-	29.70	0.00	3,471.82
MW-4	08/05/20	3,501.52	-	30.22	0.00	3,471.30
MW-4	10/22/20	3,501.52	-	30.60	0.00	3,470.92
MW-4	11/05/20	3,501.52	-	30.64	0.00	3,470.88
MW-5	02/26/20	3,510.07	-	28.20	0.00	3,481.87
MW-5	05/20/20	3,510.07	-	27.83	0.00	3,482.24
MW-5	06/30/20	3,510.07	-	28.18	0.00	3,481.89
MW-5	08/06/20	3,510.07	-	28.59	0.00	3,481.48
MW-5	10/22/20	3,510.07	-	29.04	0.00	3,481.03
MW-5	11/06/20	3,510.07	-	29.12	0.00	3,480.95
MW-6	01/27/20	3,507.14	-	26.62	0.00	3,480.52
MW-6	02/26/20	3,507.14	-	26.90	0.00	3,480.24
MW-6	05/20/20	3,507.14	-	26.61	0.00	3,480.53
MW-6	06/30/20	3,507.14	-	26.91	0.00	3,480.23
MW-6	08/06/20	3,507.14	-	27.24	0.00	3,479.90
MW-6	10/22/20	3,507.14	-	27.66	0.00	3,479.48
MW-6	11/06/20	3,507.14	-	27.76	0.00	3,479.38

TABLE 1
2020 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	01/27/20	3,507.86	-	27.38	0.00	3,480.48
MW-7	02/26/20	3,507.86	-	27.64	0.00	3,480.22
MW-7	05/20/20	3,507.86	-	27.37	0.00	3,480.49
MW-7	06/29/20	3,507.86	-	27.71	0.00	3,480.15
MW-7	08/05/20	3,507.86	-	28.05	0.00	3,479.81
MW-7	10/22/20	3,507.86	-	28.45	0.00	3,479.41
MW-7	11/05/20	3,507.86	-	28.53	0.00	3,479.33
MW-8	01/27/20	3,509.52	-	28.26	0.00	3,481.26
MW-8	02/26/20	3,509.52	-	28.56	0.00	3,480.96
MW-8	05/20/20	3,509.52	-	28.24	0.00	3,481.28
MW-8	06/29/20	3,509.52	-	28.59	0.00	3,480.93
MW-8	08/05/20	3,509.52	-	28.96	0.00	3,480.56
MW-8	10/22/20	3,509.52	-	29.36	0.00	3,480.16
MW-8	11/05/20	3,509.52	-	29.45	0.00	3,480.07
MW-9	01/27/20	3,497.67	-	27.11	0.00	3,470.56
MW-9	02/26/20	3,497.67	-	27.24	0.00	3,470.43
MW-9	05/20/20	3,497.67	-	27.04	0.00	3,470.63
MW-9	06/29/20	3,497.67	-	27.59	0.00	3,470.08
MW-9	08/05/20	3,497.67	-	27.96	0.00	3,469.71
MW-9	10/22/20	3,497.67	-	28.34	0.00	3,469.33
MW-9	11/05/20	3,497.67	-	28.36	0.00	3,469.31
MW-10	01/27/20	3,503.95	-	33.64	0.00	3,470.31
MW-10	02/26/20	3,503.95	-	33.76	0.00	3,470.19
MW-10	05/20/20	3,503.95	-	33.50	0.00	3,470.45
MW-10	06/29/20	3,503.95	-	33.93	0.00	3,470.02
MW-10	08/05/20	3,503.95	-	34.35	0.00	3,469.60
MW-10	10/22/20	3,503.95	-	34.78	0.00	3,469.17
MW-10	11/05/20	3,503.95	-	34.85	0.00	3,469.10
MW-11	01/27/20	3,507.13	-	29.08	0.00	3,478.05
MW-11	02/10/20	3,507.13	-	28.96	0.00	3,478.17
MW-11	02/26/20	3,507.13	-	29.05	0.00	3,478.08
MW-11	05/20/20	3,507.13	-	28.85	0.00	3,478.28
MW-11	06/30/20	3,507.13	-	29.21	0.00	3,477.92
MW-11	08/06/20	3,507.13	-	29.56	0.00	3,477.57

TABLE 1
2020 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	10/22/20	3,507.13	-	29.91	0.00	3,477.22
MW-11	11/06/20	3,507.13	-	29.36	0.00	3,477.77
MW-12	01/27/20	3,505.38	-	28.49	0.00	3,476.89
MW-12	02/26/20	3,505.38	-	28.56	0.00	3,476.82
MW-12	05/20/20	3,505.38	-	28.50	0.00	3,476.88
MW-12	06/30/20	3,505.38	-	28.56	0.00	3,476.82
MW-12	08/06/20	3,505.38	-	28.84	0.00	3,476.54
MW-12	10/22/20	3,505.38	-	29.21	0.00	3,476.17
MW-12	11/06/20	3,505.38	-	29.28	0.00	3,476.10
MW-12	12/28/20	3,505.38	-	29.43	0.00	3,475.95
MW-13	01/27/20	3,505.38	-	26.48	0.00	3,478.90
MW-13	02/26/20	3,505.38	-	26.53	0.00	3,478.85
MW-13	05/20/20	3,505.38	-	26.40	0.00	3,478.98
MW-13	06/30/20	3,505.38	-	26.85	0.00	3,478.53
MW-13	08/06/20	3,505.38	-	27.15	0.00	3,478.23
MW-13	10/22/20	3,505.38	-	27.52	0.00	3,477.86
MW-13	11/05/20	3,505.38	-	27.54	0.00	3,477.84
RW-1	01/27/20	3,507.26	-	25.98	0.00	3,481.28
RW-1	02/26/20	3,507.26	-	26.29	0.00	3,480.97
RW-1	05/20/20	3,507.26	-	25.98	0.00	3,481.28
RW-1	06/29/20	3,507.26	-	26.33	0.00	3,480.93
RW-1	08/05/20	3,507.26	-	26.68	0.00	3,480.58
RW-1	10/22/20	3,507.26	-	27.09	0.00	3,480.17
RW-1	11/05/20	3,507.26	-	27.18	0.00	3,480.08
RW-2	01/27/20	3,507.54	-	25.69	0.00	3,481.85
RW-2	02/26/20	3,507.54	-	26.04	0.00	3,481.50
RW-2	05/20/20	3,507.54	-	25.68	0.00	3,481.86
RW-2	06/29/20	3,507.54	-	25.99	0.00	3,481.55
RW-2	08/05/20	3,507.54	-	26.38	0.00	3,481.16
RW-2	10/22/20	3,507.54	-	26.81	0.00	3,480.73
RW-2	11/05/20	3,507.54	-	26.91	0.00	3,480.63

TABLE 2

2020 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	02/27/20	0.155	0.00901	0.0657	0.0796
MW-1	06/30/20	0.170	0.0218	0.0762	0.1031
MW-1	08/06/20	0.195	0.00595	0.0536	0.02508
MW-1	11/06/20	0.178	0.04330	0.106	0.2479
MW-2	02/27/20	1.04	0.0236	0.304	0.3283
MW-2	06/30/20	0.875	<0.0250	0.269	0.16855
MW-2	08/06/20	1.15	0.0210	0.352	0.2724
MW-2	11/06/20	0.794	0.00855	0.317	0.2036
MW-3	02/27/20	0.358	0.00211	0.174	0.07375
MW-3	06/30/20	0.221	0.00593	0.174	0.0891
MW-3	08/06/20	0.511	<0.00500	0.285	0.12785
MW-3	11/06/20	0.557	0.00479	0.348	0.1934
MW-4	02/27/20	<0.00100	<0.00100	<0.00100	<0.00200
MW-4	06/30/20	Not Sampled on Current Sample Schedule			
MW-4	08/06/20	Not Sampled on Current Sample Schedule			
MW-4	11/05/20	Not Sampled on Current Sample Schedule			
MW-5	02/27/20	<0.00100	<0.00100	<0.00100	<0.00200
MW-5	06/30/20	<0.00100	<0.00500	<0.00100	<0.00200
MW-5	08/06/20	<0.00100	<0.00100	<0.00100	<0.00200
MW-5	11/06/20	<0.00100	<0.00100	<0.00100	<0.00200
MW-6	02/27/20	0.00156	<0.00100	0.00361	<0.00200
MW-6	06/30/20	0.00203	<0.00500	0.00295	<0.00200
MW-6	08/06/20	0.00137	0.00153	0.00241	<0.00200
MW-6	11/06/20	<0.00100	0.00101	0.0014	<0.00200
MW-7	02/27/20	<0.00100	<0.00100	<0.00100	<0.00200
MW-7	06/30/20	Not Sampled on Current Sample Schedule			
MW-7	08/06/20	Not Sampled on Current Sample Schedule			
MW-7	11/05/20	Not Sampled on Current Sample Schedule			
MW-8	02/27/20	<0.00100	<0.00100	<0.00100	<0.00200
MW-8	06/30/20	Not Sampled on Current Sample Schedule			
MW-8	08/06/20	Not Sampled on Current Sample Schedule			

TABLE 2

2020 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-8	11/05/20	Not Sampled on Current Sample Schedule			
MW-9	02/27/20	<0.00100	<0.00100	<0.00100	<0.00200
MW-9	06/30/20	Not Sampled on Current Sample Schedule			
MW-9	08/06/20	Not Sampled on Current Sample Schedule			
MW-9	11/05/20	Not Sampled on Current Sample Schedule			
MW-10	02/27/20	<0.00100	<0.00100	<0.00100	<0.00200
MW-10	06/30/20	Not Sampled on Current Sample Schedule			
MW-10	08/06/20	Not Sampled on Current Sample Schedule			
MW-10	11/05/20	Not Sampled on Current Sample Schedule			
MW-11	02/27/20	0.671	0.0104	0.0422	0.00660
MW-11	06/30/20	0.209	<0.00500	0.0349	0.01497
MW-11	08/06/20	0.305	<0.00500	0.0168	0.0106
MW-11	11/06/20	0.651	0.00272	0.157	0.06301
MW-12	02/27/20	0.00770	<0.00100	0.0457	<0.00200
MW-12	06/30/20	0.00479	<0.00500	0.0350	0.0281
MW-12	08/06/20	0.00640	0.00183	0.0426	<0.00200
MW-12	12/28/20	0.00213	<0.00100	0.00890	<0.00200
MW-13	02/27/20	<0.00100	<0.00100	<0.00100	<0.00200
MW-13	06/30/20	<0.00100	<0.00500	<0.00100	<0.00200
MW-13	08/06/20	<0.00100	<0.00100	<0.00100	<0.00200
MW-13	11/05/20	<0.00100	<0.00100	<0.00100	<0.00200
RW-1	02/27/20	<0.00100	<0.00100	<0.00100	<0.00200
RW-1	06/30/20	Not Sampled on Current Sample Schedule			
RW-1	08/06/20	Not Sampled on Current Sample Schedule			
RW-1	11/05/20	Not Sampled on Current Sample Schedule			
RW-2	02/27/20	<0.00100	<0.00100	<0.00100	<0.00200
RW-2	06/30/20	Not Sampled on Current Sample Schedule			
RW-2	08/06/20	Not Sampled on Current Sample Schedule			
RW-2	11/05/20	Not Sampled on Current Sample Schedule			

TABLE 3
2020 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-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	11/06/20	NOT SAMPLED																		
MW-2	12/28/20	<0.00010	0.0023	0.00062	0.0025	<0.00010	<0.00010	<0.00010	<0.00010	0.00023	<0.00010	<0.00010	0.0071	<0.00010	0.163			0.019	<0.00010	0.0069
MW-3	12/28/20	<0.00099	0.0011	0.00056	0.0018	<0.00099	<0.00099	<0.00099	<0.00099	0.00025	<0.00099	<0.00099	0.0034	<0.00099	0.095			0.0071	<0.00099	0.0031
MW-4	11/05/20	NOT SAMPLED																		
MW-5	11/06/20	NOT SAMPLED																		
MW-6	11/06/20	NOT SAMPLED																		
MW-7	11/05/20	NOT SAMPLED																		
MW-8	11/05/20	NOT SAMPLED																		
MW-9	11/05/20	NOT SAMPLED																		
MW-10	11/05/20	NOT SAMPLED																		
MW-11	11/06/20	NOT SAMPLED																		
MW - 12	12/28/20	NOT SAMPLED																		
MW - 13	11/05/20	NOT SAMPLED																		
RW-1	11/05/20	NOT SAMPLED																		
RW-2	11/05/20	NOT SAMPLED																		

ND = Not Detected

NA = Not Analyzed

TABLE 4
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 4
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 4
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 4
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 4
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 4
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 4
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-1	01/02/20	3,505.22	-	28.24	0.00	3,476.98
MW-1	01/13/20	3,505.22	-	28.36	0.00	3,476.86
MW-1	01/27/20	3,505.22	-	28.32	0.00	3,476.90
MW-1	02/10/20	3,505.22	-	28.31	0.00	3,476.91
MW-1	02/26/20	3,505.22	-	28.40	0.00	3,476.82
MW-1	05/20/20	3,505.22	-	28.10	0.00	3,477.12
MW-1	06/23/20	3,505.22	-	28.51	0.00	3,476.71
MW-1	06/30/20	3,505.22	-	28.56	0.00	3,476.66

**TABLE 4
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	07/17/20	3,505.22	-	28.74	0.00	3,476.48
MW-1	08/06/20	3,505.22	-	28.87	0.00	3,476.35
MW-1	08/14/20	3,505.22	-	28.96	0.00	3,476.26
MW-1	09/09/20	3,505.22	-	29.21	0.00	3,476.01
MW-1	10/14/20	3,505.22	-	29.28	0.00	3,475.94
MW-1	10/22/20	3,505.22	-	29.24	0.00	3,475.98
MW-1	11/06/20	3,505.22	-	29.28	0.00	3,475.94
MW-1	11/16/20	3,505.22	-	29.36	0.00	3,475.86
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
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

**TABLE 4
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	04/27/00	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
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

**TABLE 4
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	03/01/04	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
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

**TABLE 4
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	02/18/08	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
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

**TABLE 4
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	04/29/11	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
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

**TABLE 4
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	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
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

**TABLE 4
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	04/22/16	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
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

**TABLE 4
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	04/12/18	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
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

**TABLE 4
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	11/20/19	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-2	01/02/20	3,503.88	-	28.86	0.00	3,475.02
MW-2	01/13/20	3,503.88	-	28.96	0.00	3,474.92
MW-2	01/27/20	3,503.88	-	28.90	0.00	3,474.98
MW-2	02/10/20	3,503.88	-	28.90	0.00	3,474.98
MW-2	02/26/20	3,503.88	-	28.96	0.00	3,474.92
MW-2	05/20/20	3,503.88	-	28.72	0.00	3,475.16
MW-2	06/23/20	3,503.88	-	29.08	0.00	3,474.80
MW-2	06/30/20	3,503.88	-	29.12	0.00	3,474.76
MW-2	07/17/20	3,503.88	-	29.26	0.00	3,474.62
MW-2	08/06/20	3,503.88	-	29.40	0.00	3,474.48
MW-2	08/14/20	3,503.88	-	29.49	0.00	3,474.39
MW-2	09/09/20	3,503.88	-	29.76	0.00	3,474.12
MW-2	10/14/20	3,503.88	-	29.80	0.00	3,474.08
MW-2	10/22/20	3,503.88	-	29.79	0.00	3,474.09
MW-2	11/06/20	3,503.88	-	29.82	0.00	3,474.06
MW-2	11/16/20	3,503.88	-	29.89	0.00	3,473.99
MW-2	12/28/20	3,503.88	-	30.03	0.00	3,473.85
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
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

**TABLE 4
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	11/23/99	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
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

**TABLE 4
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	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
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

**TABLE 4
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	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
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

**TABLE 4
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	04/29/11	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
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

**TABLE 4
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	11/10/14	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
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

**TABLE 4
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	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-3	01/13/20	3,505.18	-	28.62	0.00	3,476.56
MW-3	01/27/20	3,505.18	-	28.59	0.00	3,476.59
MW-3	02/10/20	3,505.18	-	28.53	0.00	3,476.65
MW-3	02/26/20	3,505.18	-	28.60	0.00	3,476.58
MW-3	05/20/20	3,505.18	-	28.36	0.00	3,476.82
MW-3	06/23/20	3,505.18	-	28.65	0.00	3,476.53
MW-3	06/30/20	3,505.18	-	28.71	0.00	3,476.47

**TABLE 4
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	07/17/20	3,505.18	-	28.87	0.00	3,476.31
MW-3	08/06/20	3,505.18	-	29.02	0.00	3,476.16
MW-3	08/14/20	3,505.18	-	29.10	0.00	3,476.08
MW-3	09/09/20	3,505.18	-	29.33	0.00	3,475.85
MW-3	10/14/20	3,505.18	-	29.40	0.00	3,475.78
MW-3	10/22/20	3,505.18	-	29.41	0.00	3,475.77
MW-3	11/06/20	3,505.18	-	29.49	0.00	3,475.69
MW-3	11/16/20	3,505.18	-	29.55	0.00	3,475.63
MW-3	12/28/20	3,505.18	-	29.63	0.00	3,475.55
MW-4	10/17/95	96.08	-	27.20	0.00	68.88
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

**TABLE 4
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	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
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

**TABLE 4
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	02/21/05	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
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

**TABLE 4
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	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
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

**TABLE 4
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	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
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

**TABLE 4
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	02/20/18	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
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-4	01/02/20	3,501.52	-	29.31	0.00	3,472.21
MW-4	01/27/20	3,501.52	-	29.31	0.00	3,472.21
MW-4	02/26/20	3,501.52	-	29.45	0.00	3,472.07
MW-4	05/20/20	3,501.52	-	29.05	0.00	3,472.47
MW-4	06/30/20	3,501.52	-	29.70	0.00	3,471.82
MW-4	08/05/20	3,501.52	-	30.22	0.00	3,471.30
MW-4	10/22/20	3,501.52	-	30.60	0.00	3,470.92
MW-4	11/05/20	3,501.52	-	30.64	0.00	3,470.88
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

**TABLE 4
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	01/22/98	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
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

**TABLE 4
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	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
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

**TABLE 4
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	11/22/06	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
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

**TABLE 4
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	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
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

**TABLE 4
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	11/26/13	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
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

**TABLE 4
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	02/26/20	3,510.07	-	28.20	0.00	3,481.87
MW-5	05/20/20	3,510.07	-	27.83	0.00	3,482.24
MW-5	06/30/20	3,510.07	-	28.18	0.00	3,481.89
MW-5	08/06/20	3,510.07	-	28.59	0.00	3,481.48
MW-5	10/22/20	3,510.07	-	29.04	0.00	3,481.03
MW-5	11/06/20	3,510.07	-	29.12	0.00	3,480.95
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
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

**TABLE 4
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	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
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

**TABLE 4
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	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
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

**TABLE 4
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	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
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

**TABLE 4
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	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
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

**TABLE 4
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	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-6	01/27/20	3,507.14	-	26.62	0.00	3,480.52
MW-6	02/26/20	3,507.14	-	26.90	0.00	3,480.24
MW-6	05/20/20	3,507.14	-	26.61	0.00	3,480.53
MW-6	06/30/20	3,507.14	-	26.91	0.00	3,480.23
MW-6	08/06/20	3,507.14	-	27.24	0.00	3,479.90
MW-6	10/22/20	3,507.14	-	27.66	0.00	3,479.48
MW-6	11/06/20	3,507.14	-	27.76	0.00	3,479.38
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
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

**TABLE 4
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	01/14/99	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
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

**TABLE 4
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	01/28/03	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
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

**TABLE 4
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	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
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

**TABLE 4
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	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
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

TABLE 4
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	06/30/14	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
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-7	01/27/20	3,507.86	-	27.38	0.00	3,480.48

**TABLE 4
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	02/26/20	3,507.86	-	27.64	0.00	3,480.22
MW-7	05/20/20	3,507.86	-	27.37	0.00	3,480.49
MW-7	06/29/20	3,507.86	-	27.71	0.00	3,480.15
MW-7	08/05/20	3,507.86	-	28.05	0.00	3,479.81
MW-7	10/22/20	3,507.86	-	28.45	0.00	3,479.41
MW-7	11/05/20	3,507.86	-	28.53	0.00	3,479.33
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

**TABLE 4
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	07/13/00	107.44	-	32.58	0.00	74.86
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

**TABLE 4
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	12/07/04	107.44	-	30.06	0.00	77.38
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

**TABLE 4
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	02/26/09	107.44	-	29.15	0.00	78.29
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

**TABLE 4
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	04/27/12	107.44	-	30.56	0.00	76.88
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

**TABLE 4
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	07/01/16	3,509.52	-	29.45	0.00	3,480.07
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-8	01/27/20	3,509.52	-	28.26	0.00	3,481.26
MW-8	02/26/20	3,509.52	-	28.56	0.00	3,480.96
MW-8	05/20/20	3,509.52	-	28.24	0.00	3,481.28
MW-8	06/29/20	3,509.52	-	28.59	0.00	3,480.93
MW-8	08/05/20	3,509.52	-	28.96	0.00	3,480.56

**TABLE 4
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	10/22/20	3,509.52	-	29.36	0.00	3,480.16
MW-8	11/05/20	3,509.52	-	29.45	0.00	3,480.07
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
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

**TABLE 4
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	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
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

**TABLE 4
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	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
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

**TABLE 4
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	06/30/10	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
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

**TABLE 4
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	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
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

**TABLE 4
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	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-9	01/27/20	3,497.67	-	27.11	0.00	3,470.56
MW-9	02/26/20	3,497.67	-	27.24	0.00	3,470.43
MW-9	05/20/20	3,497.67	-	27.04	0.00	3,470.63
MW-9	06/29/20	3,497.67	-	27.59	0.00	3,470.08
MW-9	08/05/20	3,497.67	-	27.96	0.00	3,469.71
MW-9	10/22/20	3,497.67	-	28.34	0.00	3,469.33
MW-9	11/05/20	3,497.67	-	28.36	0.00	3,469.31
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

**TABLE 4
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	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
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

**TABLE 4
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	10/15/04	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
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

**TABLE 4
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	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
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

**TABLE 4
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	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
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

**TABLE 4
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	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
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-10	01/27/20	3,503.95	-	33.64	0.00	3,470.31
MW-10	02/26/20	3,503.95	-	33.76	0.00	3,470.19
MW-10	05/20/20	3,503.95	-	33.50	0.00	3,470.45
MW-10	06/29/20	3,503.95	-	33.93	0.00	3,470.02
MW-10	08/05/20	3,503.95	-	34.35	0.00	3,469.60
MW-10	10/22/20	3,503.95	-	34.78	0.00	3,469.17
MW-10	11/05/20	3,503.95	-	34.85	0.00	3,469.10
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

**TABLE 4
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	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
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

**TABLE 4
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	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
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

**TABLE 4
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	02/21/05	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
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

**TABLE 4
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	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
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

**TABLE 4
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	07/26/12	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
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

**TABLE 4
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	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
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

**TABLE 4
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	08/28/17	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
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

**TABLE 4
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	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-11	01/27/20	3,507.13	-	29.08	0.00	3,478.05
MW-11	02/10/20	3,507.13	-	28.96	0.00	3,478.17
MW-11	02/26/20	3,507.13	-	29.05	0.00	3,478.08
MW-11	05/20/20	3,507.13	-	28.85	0.00	3,478.28
MW-11	06/30/20	3,507.13	-	29.21	0.00	3,477.92
MW-11	08/06/20	3,507.13	-	29.56	0.00	3,477.57
MW-11	10/22/20	3,507.13	-	29.91	0.00	3,477.22
MW-11	11/06/20	3,507.13	-	29.36	0.00	3,477.77
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
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

**TABLE 4
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	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
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

**TABLE 4
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	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
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

**TABLE 4
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	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
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

**TABLE 4
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	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
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

**TABLE 4
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	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
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

**TABLE 4
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	01/27/20	3,505.38	-	28.49	0.00	3,476.89
MW-12	02/26/20	3,505.38	-	28.56	0.00	3,476.82
MW-12	05/20/20	3,505.38	-	28.50	0.00	3,476.88
MW-12	06/30/20	3,505.38	-	28.56	0.00	3,476.82
MW-12	08/06/20	3,505.38	-	28.84	0.00	3,476.54
MW-12	10/22/20	3,505.38	-	29.21	0.00	3,476.17
MW-12	11/06/20	3,505.38	-	29.28	0.00	3,476.10
MW-12	12/28/20	3,505.38	-	29.43	0.00	3,475.95
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 4
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 4
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 4
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 4
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 4
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
MW-13	01/27/20	3,505.38	-	26.48	0.00	3,478.90
MW-13	02/26/20	3,505.38	-	26.53	0.00	3,478.85
MW-13	05/20/20	3,505.38	-	26.40	0.00	3,478.98
MW-13	06/30/20	3,505.38	-	26.85	0.00	3,478.53
MW-13	08/06/20	3,505.38	-	27.15	0.00	3,478.23
MW-13	10/22/20	3,505.38	-	27.52	0.00	3,477.86
MW-13	11/05/20	3,505.38	-	27.54	0.00	3,477.84
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

**TABLE 4
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	05/05/98	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
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

**TABLE 4
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	09/10/02	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
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

**TABLE 4
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	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
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

**TABLE 4
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	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
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

**TABLE 4
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	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
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

**TABLE 4
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	11/20/19	3,507.26	-	25.89	0.00	3,481.37
RW-1	01/27/20	3,507.26	-	25.98	0.00	3,481.28
RW-1	02/26/20	3,507.26	-	26.29	0.00	3,480.97
RW-1	05/20/20	3,507.26	-	25.98	0.00	3,481.28
RW-1	06/29/20	3,507.26	-	26.33	0.00	3,480.93
RW-1	08/05/20	3,507.26	-	26.68	0.00	3,480.58
RW-1	10/22/20	3,507.26	-	27.09	0.00	3,480.17
RW-1	11/05/20	3,507.26	-	27.18	0.00	3,480.08
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
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

**TABLE 4
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	11/29/00	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
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

**TABLE 4
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	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
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

**TABLE 4
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	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
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

**TABLE 4
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	09/27/12	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
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

**TABLE 4
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	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
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
RW-2	01/27/20	3,507.54	-	25.69	0.00	3,481.85
RW-2	02/26/20	3,507.54	-	26.04	0.00	3,481.50
RW-2	05/20/20	3,507.54	-	25.68	0.00	3,481.86
RW-2	06/29/20	3,507.54	-	25.99	0.00	3,481.55
RW-2	08/05/20	3,507.54	-	26.38	0.00	3,481.16
RW-2	10/22/20	3,507.54	-	26.81	0.00	3,480.73
RW-2	11/05/20	3,507.54	-	26.91	0.00	3,480.63

TABLE 5

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-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

TABLE 5

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-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
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

TABLE 5

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-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
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	<0.00400
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-1	02/27/20	0.155	0.00901	0.0657	0.0796
MW-1	06/30/20	0.170	0.0218	0.0762	0.1031
MW-1	08/06/20	0.195	0.00595	0.0536	0.02508
MW-1	11/06/20	0.178	0.04330	0.106	0.2479
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			

TABLE 5

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-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			
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

TABLE 5

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-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			
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-2	02/27/20	1.04	0.0236	0.304	0.3283
MW-2	06/30/20	0.875	<0.0250	0.269	0.16855
MW-2	08/06/20	1.15	0.0210	0.352	0.2724

TABLE 5

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-2	11/06/20	0.794	0.00855	0.317	0.2036
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
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

TABLE 5

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-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			
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

TABLE 5

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-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-3	02/27/20	0.358	0.00211	0.174	0.07375
MW-3	06/30/20	0.221	0.00593	0.174	0.0891
MW-3	08/06/20	0.511	<0.00500	0.285	0.12785
MW-3	11/06/20	0.557	0.00479	0.348	0.1934
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
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

TABLE 5

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	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
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

TABLE 5

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	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-4	02/27/20	<0.00100	<0.00100	<0.00100	<0.00200
MW-4	06/30/20	Not Sampled on Current Sample Schedule			
MW-4	08/06/20	Not Sampled on Current Sample Schedule			
MW-4	11/05/20	Not Sampled on Current Sample Schedule			
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
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

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, LP
LEA STATION
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2003-00339
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Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)
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			
MW-5	03/31/07	Not Sampled A			
MW-5	01/07/08	Not Sampled A			

TABLE 5

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-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 5

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-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-5	02/27/20	<0.00100	<0.00100	<0.00100	<0.00200
MW-5	06/30/20	<0.00100	<0.00500	<0.00100	<0.00200
MW-5	08/06/20	<0.00100	<0.00100	<0.00100	<0.00200
MW-5	11/06/20	<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

TABLE 5

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-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
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			

TABLE 5

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-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			
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-6	02/27/20	0.00156	<0.00100	0.00361	<0.00200

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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-6	06/30/20	0.00203	<0.00500	0.00295	<0.00200
MW-6	08/06/20	0.00137	0.00153	0.00241	<0.00200
MW-6	11/06/20	<0.00100	0.00101	0.0014	<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
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

TABLE 5

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-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			
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

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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-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
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-7	02/27/20	<0.00100	<0.00100	<0.00100	<0.00200
MW-7	06/30/20	Not Sampled on Current Sample Schedule			
MW-7	08/06/20	Not Sampled on Current Sample Schedule			
MW-7	11/05/20	Not Sampled on Current Sample Schedule			
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

TABLE 5

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-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			
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			

TABLE 5

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-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
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-8	02/27/20	<0.00100	<0.00100	<0.00100	<0.00200
MW-8	06/30/20	Not Sampled on Current Sample Schedule			
MW-8	08/06/20	Not Sampled on Current Sample Schedule			
MW-8	11/05/20	Not Sampled on Current Sample Schedule			

TABLE 5

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-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
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			

TABLE 5

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-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			
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

TABLE 5

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-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-9	02/27/20	<0.00100	<0.00100	<0.00100	<0.00200
MW-9	06/30/20	Not Sampled on Current Sample Schedule			
MW-9	08/06/20	Not Sampled on Current Sample Schedule			
MW-9	11/05/20	Not Sampled on Current Sample Schedule			
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

TABLE 5

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-10	07/13/99	ND	ND	ND	ND
MW-10	10/13/99	ND	ND	ND	ND
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			

TABLE 5

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-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
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

TABLE 5

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-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-10	02/27/20	<0.00100	<0.00100	<0.00100	<0.00200
MW-10	06/30/20	Not Sampled on Current Sample Schedule			
MW-10	08/06/20	Not Sampled on Current Sample Schedule			
MW-10	11/05/20	Not Sampled on Current Sample Schedule			
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			
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

TABLE 5

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-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
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

TABLE 5

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-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
MW-11	02/27/20	0.671	0.0104	0.0422	0.00660
MW-11	06/30/20	0.209	<0.00500	0.0349	0.01497
MW-11	08/06/20	0.305	<0.00500	0.0168	0.0106
MW-11	11/06/20	0.651	0.00272	0.157	0.06301
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	09/30/40	0.067	<0.001	0.067	<0.003
MW-12	12/17/04	0.012	<0.001	0.009	<0.003

TABLE 5

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	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
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

TABLE 5

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	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
MW-12	02/27/20	0.00770	<0.00100	0.0457	<0.00200
MW-12	06/30/20	0.00479	<0.00500	0.0350	0.0281
MW-12	08/06/20	0.00640	0.00183	0.0426	<0.00200
MW-12	12/28/20	0.00213	<0.00100	0.00890	<0.00200
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

TABLE 5

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-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	
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			

TABLE 5

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-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
MW-13	02/27/20	<0.00100	<0.00100	<0.00100	<0.00200
MW-13	06/30/20	<0.00100	<0.00500	<0.00100	<0.00200
MW-13	08/06/20	<0.00100	<0.00100	<0.00100	<0.00200
MW-13	11/05/20	<0.00100	<0.00100	<0.00100	<0.00200
RW-1	01/29/03	Not Sampled A			
RW-1	02/03/04	Not Sampled A			
RW-1	08/03/07	Not Sampled A			

TABLE 5

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)
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			
RW-1	03/28/13	Not Sampled A			
RW-1	06/27/13	Not Sampled A			

TABLE 5

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)
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-1	02/27/20	<0.00100	<0.00100	<0.00100	<0.00200
RW-1	06/30/20	Not Sampled on Current Sample Schedule			
RW-1	08/06/20	Not Sampled on Current Sample Schedule			
RW-1	11/05/20	Not Sampled on Current Sample Schedule			
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

TABLE 5

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)
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
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
RW-2	02/27/20	<0.00100	<0.00100	<0.00100	<0.00200
RW-2	06/30/20	Not Sampled on Current Sample Schedule			
RW-2	08/06/20	Not Sampled on Current Sample Schedule			
RW-2	11/05/20	Not Sampled on Current Sample Schedule			

TABLE 6
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-1	11/06/20	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-2	12/28/20	<0.00010	0.0023	0.00062	0.0025	<0.00010	<0.00010	<0.00010	<0.00010	0.00023	<0.00010	<0.00010	0.0071	<0.00010	0.163		0.019		<0.00010	0.0069
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	

TABLE 6
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-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-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	
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	0.00179	<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	0.00100	<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	0.00017	<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	0.0026	<0.000096	0.00063	0.0018	<0.000096	0.0091		0.0087		0.00058	0.0032	
MW-3	12/28/20	<0.00099	0.0011	0.00056	0.0018	<0.00099	<0.00099	<0.00099	0.00025	<0.00099	<0.00099	0.0034	<0.00099	0.095		0.0071		<0.00099	0.0031	
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-4	11/05/20	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			

TABLE 6
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(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-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										
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-5	11/06/20									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-6	11/06/20									NOT SAMPLED										
MW-7	02/07/96					ND														

TABLE 6
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)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	0.0002 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	01/22/97					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													
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	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	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	
MW-7	12/30/10	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	
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-7	11/05/20								NOT SAMPLED										
MW-8	02/17/06	<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	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	
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-8	11/05/20								NOT SAMPLED										
MW-9	02/07/96					ND						ND		ND	ND	ND			
MW-9	01/22/97					ND						ND		ND	ND	ND			

TABLE 6
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-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		
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-9	11/05/20									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										

TABLE 6
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(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-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-10	11/05/20	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	
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-11	11/06/20	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	0.00017	<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																		

TABLE 6
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-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 - 12	12/28/20	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	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																		
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																		
MW - 13	11/05/20	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-1	11/05/20	NOT SAMPLED																		

TABLE 6
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-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	-
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										
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										
RW-2	11/05/20									NOT SAMPLED										

ND = Not Detected

NA = Not Analyzed

Appendix A

2020 Laboratory Analytical Reports

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



Analytical Report

Prepared for:

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

Project: Lea Station
Project Number: 2003-00339

Location:

Lab Order Number: 0B28005



NELAP/TCEQ # T104704516-18-9

Report Date: 03/13/20

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	0B28005-01	Water	02/27/20 00:00	02-28-2020 08:57
MW5	0B28005-02	Water	02/27/20 00:00	02-28-2020 08:57
MW8	0B28005-03	Water	02/27/20 00:00	02-28-2020 08:57
MW9	0B28005-04	Water	02/27/20 00:00	02-28-2020 08:57
MW10	0B28005-05	Water	02/27/20 00:00	02-28-2020 08:57
MW13	0B28005-06	Water	02/27/20 00:00	02-28-2020 08:57
RW1	0B28005-07	Water	02/27/20 00:00	02-28-2020 08:57
RW2	0B28005-08	Water	02/27/20 00:00	02-28-2020 08:57
MW7	0B28005-09	Water	02/27/20 00:00	02-28-2020 08:57
MW6	0B28005-10	Water	02/27/20 00:00	02-28-2020 08:57
MW12	0B28005-11	Water	02/27/20 00:00	02-28-2020 08:57
MW1	0B28005-12	Water	02/27/20 00:00	02-28-2020 08:57
MW3	0B28005-13	Water	02/27/20 00:00	02-28-2020 08:57
MW2	0B28005-14	Water	02/27/20 00:00	02-28-2020 08:57
MW11	0B28005-15	Water	02/27/20 00:00	02-28-2020 08:57

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

0B28005-01 (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	P0B2804	02/28/20	02/29/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.5 %		80-120	P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.1 %		80-120	P0B2804	02/28/20	02/29/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

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

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

Fax: (432) 520-7701

MW5

0B28005-02 (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	P0B2804	02/28/20	02/29/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.4 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.0 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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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

MW8

0B28005-03 (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	P0B2804	02/28/20	02/29/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		93.5 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.3 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Fax: (432) 520-7701

MW9

0B28005-04 (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	P0B2804	02/28/20	02/29/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.3 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.4 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Fax: (432) 520-7701

MW10

0B28005-05 (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	P0B2804	02/28/20	02/29/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		90.3 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project Number: 2003-00339
Project Manager: Curt Stanley

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MW13

0B28005-06 (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	P0B2804	02/28/20	02/29/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		92.6 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.3 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

RW1

0B28005-07 (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	P0B2804	02/28/20	02/29/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.5 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.5 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Fax: (432) 520-7701

RW2

0B28005-08 (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	P0B2804	02/28/20	02/29/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.0 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.4 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Fax: (432) 520-7701

MW7

0B28005-09 (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	P0B2804	02/28/20	02/29/20	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B
Surrogate: 4-Bromofluorobenzene		92.2 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B
Surrogate: 1,4-Difluorobenzene		97.8 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B

Permian Basin Environmental Lab, L.P.

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

Fax: (432) 520-7701

MW6

0B28005-10 (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	0.00156	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Ethylbenzene	0.00361	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		92.2 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.8 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

Fax: (432) 520-7701

MW12

0B28005-11 (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	0.00770	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Ethylbenzene	0.0457	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		88.6 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		101 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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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

MW1

0B28005-12 (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	0.155	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Toluene	0.00901	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Ethylbenzene	0.0657	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (p/m)	0.0594	0.00200	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (o)	0.0202	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>114 %</i>	<i>80-120</i>		<i>P0B2804</i>	<i>02/28/20</i>	<i>02/29/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>99.7 %</i>	<i>80-120</i>		<i>P0B2804</i>	<i>02/28/20</i>	<i>02/29/20</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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

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MW3

0B28005-13 (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	0.358	0.00500	mg/L	5	P0B2804	02/28/20	02/29/20	EPA 8021B	
Toluene	0.00211	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Ethylbenzene	0.174	0.00500	mg/L	5	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (p/m)	0.0682	0.0100	mg/L	5	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (o)	0.00555	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		86.7 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

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MW2

0B28005-14 (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	1.04	0.00500	mg/L	5	P0B2804	02/28/20	02/29/20	EPA 8021B	
Toluene	0.0236	0.00500	mg/L	5	P0B2804	02/28/20	02/29/20	EPA 8021B	
Ethylbenzene	0.304	0.00500	mg/L	5	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (p/m)	0.283	0.0100	mg/L	5	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (o)	0.0453	0.00500	mg/L	5	P0B2804	02/28/20	02/29/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.5 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		103 %	80-120		P0B2804	02/28/20	02/29/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project Number: 2003-00339
Project Manager: Curt Stanley

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MW11

0B28005-15 (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	0.671	0.00500	mg/L	5	P0B2804	02/28/20	02/29/20	EPA 8021B	
Toluene	0.0104	0.00500	mg/L	5	P0B2804	02/28/20	02/29/20	EPA 8021B	
Ethylbenzene	0.0422	0.00500	mg/L	5	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (p/m)	0.00660	0.00200	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0B2804	02/28/20	02/29/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>94.5 %</i>	<i>80-120</i>		<i>P0B2804</i>	<i>02/28/20</i>	<i>02/29/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>105 %</i>	<i>80-120</i>		<i>P0B2804</i>	<i>02/28/20</i>	<i>02/29/20</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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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 P0B2804 - General Preparation (GC)

Blank (P0B2804-BLK1)

Prepared & Analyzed: 02/28/20

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.9	80-120			

LCS (P0B2804-BS1)

Prepared & Analyzed: 02/28/20

Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

LCS Dup (P0B2804-BSD1)

Prepared & Analyzed: 02/28/20

Benzene	0.103	0.00100	mg/L	0.100		103	80-120	2.71	20	
Toluene	0.0965	0.00100	"	0.100		96.5	80-120	4.60	20	
Ethylbenzene	0.0969	0.00100	"	0.100		96.9	80-120	4.48	20	
Xylene (p/m)	0.195	0.00200	"	0.200		97.7	80-120	7.43	20	
Xylene (o)	0.0952	0.00100	"	0.100		95.2	80-120	5.48	20	
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

Calibration Blank (P0B2804-CCB1)

Prepared & Analyzed: 02/28/20

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		97.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.7	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: 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 P0B2804 - General Preparation (GC)

Calibration Blank (P0B2804-CCB2)

Prepared: 02/28/20 Analyzed: 02/29/20

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.6	80-120			

Calibration Check (P0B2804-CCV1)

Prepared & Analyzed: 02/28/20

Benzene	0.0968	0.00100	mg/L	0.100		96.8	80-120			
Toluene	0.0966	0.00100	"	0.100		96.6	80-120			
Ethylbenzene	0.0987	0.00100	"	0.100		98.7	80-120			
Xylene (p/m)	0.189	0.00200	"	0.200		94.3	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.3	80-120			

Calibration Check (P0B2804-CCV2)

Prepared: 02/28/20 Analyzed: 02/29/20

Benzene	0.100	0.00100	mg/L	0.100		100	80-120			
Toluene	0.0950	0.00100	"	0.100		95.0	80-120			
Ethylbenzene	0.0967	0.00100	"	0.100		96.7	80-120			
Xylene (p/m)	0.191	0.00200	"	0.200		95.4	80-120			
Xylene (o)	0.0942	0.00100	"	0.100		94.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		101	80-120			

Calibration Check (P0B2804-CCV3)

Prepared: 02/28/20 Analyzed: 02/29/20

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.0941	0.00100	"	0.100		94.1	80-120			
Ethylbenzene	0.0961	0.00100	"	0.100		96.1	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		95.9	80-120			
Xylene (o)	0.0938	0.00100	"	0.100		93.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: 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 P0B2804 - General Preparation (GC)

Matrix Spike (P0B2804-MS1)	Source: 0B28005-01			Prepared: 02/28/20		Analyzed: 02/29/20				
Benzene	0.107	0.00100	mg/L	0.100	ND	107	80-120			
Toluene	0.0981	0.00100	"	0.100	ND	98.1	80-120			
Ethylbenzene	0.118	0.00100	"	0.100	ND	118	80-120			
Xylene (p/m)	0.198	0.00200	"	0.200	ND	98.8	80-120			
Xylene (o)	0.0942	0.00100	"	0.100	ND	94.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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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:

3/13/2020

Brent Barron, Laboratory Director/Technical Director

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

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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager:

Curt Stanley

Company Name

TRC Solutions

Company Address:

10 DeSta Dr

City/State/Zip:

Midland TX 79705

Telephone No:

(432)

Fax No:

Sampler Signature:

Glenns Haeuser

e-mail:

Project Name:

Le Station

Project #:

Project Loc:

PO #:

Report Format:

☐ Standard

☐ TRAP

☐ NPDES

(lab use only)

ORDER #: 0828005

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)

GW-Drinking Water SL-Sludge

GW-Groundwater S-Solid

NP-Non-Potable Specify Other

TPH by TX 1005 8015B 8016M

Chloride

BTEX by 8021B

Preservation & # of Containers

Matrix

Analyze For:

TC:P:

TOTAL:

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

Standard TAT

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)	GW-Drinking Water SL-Sludge GW - Groundwater S-SolidSolid NP-Non-Potable Specify Other	TPH by TX 1005 8015B 8016M	Chloride	BTEX by 8021B	
11	MW12						3	X												
12	MW1																			
13	MW3																			
14	MW2																			
15	MW11																			

Special Instructions:

Relinquished by:

Relinquished by:

Relinquished by:

Date

Date

Date

Time

Time

Time

Received by:

Received by:

Received by:

Date

Date

Date

Time

Time

Time

Laboratory Comments:

Sample Containers intact?

VOGs Free of Headspace?

Labels on container(s)?

Custody seals on container(s)?

Custody seals on cooler(s)?

Sample Hand Delivered by Sampler/Client Rep.?

by Courier? UPS DHL

Temperature Upon Receipt:

Adjusted: 0.01

"C Factor

FedEx Lone Star

**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: 0G01008



NELAP/TCEQ # T104704516-17-8

Report Date: 07/13/20

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
MW5	0G01008-01	Water	06/30/20 11:04	07-01-2020 08:10
MW13	0G01008-02	Water	06/30/20 12:27	07-01-2020 08:10
MW6	0G01008-03	Water	06/30/20 13:11	07-01-2020 08:10
MW12	0G01008-04	Water	06/30/20 14:23	07-01-2020 08:10
MW1	0G01008-05	Water	06/30/20 15:09	07-01-2020 08:10
MW3	0G01008-06	Water	06/30/20 15:47	07-01-2020 08:10
MW11	0G01008-07	Water	06/30/20 16:10	07-01-2020 08:10
MW2	0G01008-08	Water	06/30/20 16:42	07-01-2020 08:10

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

0G01008-01 (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	POG0205	07/02/20	07/03/20	EPA 8021B
Toluene	ND	0.00500	mg/L	1	POG0205	07/02/20	07/03/20	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	POG0205	07/02/20	07/03/20	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	POG0205	07/02/20	07/03/20	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	POG0205	07/02/20	07/03/20	EPA 8021B
Surrogate: 4-Bromofluorobenzene		80.1 %	80-120		POG0205	07/02/20	07/03/20	EPA 8021B
Surrogate: 1,4-Difluorobenzene		96.7 %	80-120		POG0205	07/02/20	07/03/20	EPA 8021B

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

Fax: (432) 520-7701

MW13

0G01008-02 (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	P0G0205	07/02/20	07/06/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0G0205	07/02/20	07/06/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0G0205	07/02/20	07/06/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0G0205	07/02/20	07/06/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0G0205	07/02/20	07/06/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		86.5 %		80-120	P0G0205	07/02/20	07/06/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.2 %		80-120	P0G0205	07/02/20	07/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

Fax: (432) 520-7701

MW6

0G01008-03 (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	0.00203	0.00100	mg/L	1	P0G0205	07/02/20	07/03/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0G0205	07/02/20	07/03/20	EPA 8021B	
Ethylbenzene	0.00295	0.00100	mg/L	1	P0G0205	07/02/20	07/03/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0G0205	07/02/20	07/03/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0G0205	07/02/20	07/03/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		84.7 %	80-120		P0G0205	07/02/20	07/03/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.3 %	80-120		P0G0205	07/02/20	07/03/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

Fax: (432) 520-7701

MW12

0G01008-04 (Water)

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

Organics by GC

Benzene	0.00479	0.00100	mg/L	1	P0G0205	07/02/20	07/03/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0G0205	07/02/20	07/03/20	EPA 8021B	
Ethylbenzene	0.0350	0.00100	mg/L	1	P0G0205	07/02/20	07/03/20	EPA 8021B	
Xylene (p/m)	0.0281	0.00200	mg/L	1	P0G0205	07/02/20	07/03/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0G0205	07/02/20	07/03/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		82.1 %	80-120		P0G0205	07/02/20	07/03/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.0 %	80-120		P0G0205	07/02/20	07/03/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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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

MW1

0G01008-05 (Water)

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

Organics by GC

Benzene	0.170	0.00100	mg/L	1	P0G0206	07/02/20	07/03/20	EPA 8021B	
Toluene	0.0218	0.00500	mg/L	1	P0G0206	07/02/20	07/03/20	EPA 8021B	
Ethylbenzene	0.0762	0.00100	mg/L	1	P0G0206	07/02/20	07/03/20	EPA 8021B	
Xylene (p/m)	0.0802	0.00200	mg/L	1	P0G0206	07/02/20	07/03/20	EPA 8021B	
Xylene (o)	0.0229	0.00100	mg/L	1	P0G0206	07/02/20	07/03/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>61.2 %</i>	<i>80-120</i>		<i>P0G0206</i>	<i>07/02/20</i>	<i>07/03/20</i>	<i>EPA 8021B</i>	<i>S-GC</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>96.4 %</i>	<i>80-120</i>		<i>P0G0206</i>	<i>07/02/20</i>	<i>07/03/20</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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10 Desta Dr STE 150E
Midland TX, 79705

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Project Manager: Curt Stanley

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MW3

0G01008-06 (Water)

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

Organics by GC

Benzene	0.221	0.00100	mg/L	1	P0G0206	07/02/20	07/06/20	EPA 8021B	
Toluene	0.00593	0.00500	mg/L	1	P0G0206	07/02/20	07/06/20	EPA 8021B	
Ethylbenzene	0.174	0.00100	mg/L	1	P0G0206	07/02/20	07/06/20	EPA 8021B	
Xylene (p/m)	0.0764	0.00200	mg/L	1	P0G0206	07/02/20	07/06/20	EPA 8021B	
Xylene (o)	0.0127	0.00100	mg/L	1	P0G0206	07/02/20	07/06/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>101 %</i>	<i>80-120</i>		<i>P0G0206</i>	<i>07/02/20</i>	<i>07/06/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>107 %</i>	<i>80-120</i>		<i>P0G0206</i>	<i>07/02/20</i>	<i>07/06/20</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

Fax: (432) 520-7701

MW11
0G01008-07 (Water)

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

Organics by GC

Benzene	0.209	0.00100	mg/L	1	P0G0206	07/02/20	07/06/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0G0206	07/02/20	07/06/20	EPA 8021B	
Ethylbenzene	0.0349	0.00100	mg/L	1	P0G0206	07/02/20	07/06/20	EPA 8021B	
Xylene (p/m)	0.0125	0.00200	mg/L	1	P0G0206	07/02/20	07/06/20	EPA 8021B	
Xylene (o)	0.00247	0.00100	mg/L	1	P0G0206	07/02/20	07/06/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		80.5 %	80-120		P0G0206	07/02/20	07/06/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P0G0206	07/02/20	07/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

Fax: (432) 520-7701

MW2

0G01008-08 (Water)

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

Organics by GC

Benzene	0.875	0.00500	mg/L	5	P0G0206	07/02/20	07/03/20	EPA 8021B	
Toluene	ND	0.0250	mg/L	5	P0G0206	07/02/20	07/03/20	EPA 8021B	
Ethylbenzene	0.269	0.00500	mg/L	5	P0G0206	07/02/20	07/03/20	EPA 8021B	
Xylene (p/m)	0.161	0.0100	mg/L	5	P0G0206	07/02/20	07/03/20	EPA 8021B	
Xylene (o)	0.00755	0.00500	mg/L	5	P0G0206	07/02/20	07/03/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		77.2 %	80-120		P0G0206	07/02/20	07/03/20	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		100 %	80-120		P0G0206	07/02/20	07/03/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

Project: 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 P0G0205 - General Preparation (GC)

Blank (P0G0205-BLK1)

Prepared & Analyzed: 07/02/20

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00500	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		90.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.5	80-120			

LCS (P0G0205-BS1)

Prepared & Analyzed: 07/02/20

Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.105	0.00500	"	0.100		105	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.217	0.00200	"	0.200		108	80-120			
Xylene (o)	0.116	0.00100	"	0.100		116	80-120			
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

LCS Dup (P0G0205-BSD1)

Prepared & Analyzed: 07/02/20

Benzene	0.107	0.00100	mg/L	0.100		107	80-120	0.459	20	
Toluene	0.105	0.00500	"	0.100		105	80-120	0.277	20	
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120	2.67	20	
Xylene (p/m)	0.215	0.00200	"	0.200		107	80-120	0.877	20	
Xylene (o)	0.115	0.00100	"	0.100		115	80-120	1.07	20	
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		92.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.8	80-120			

Calibration Blank (P0G0205-CCB1)

Prepared & Analyzed: 07/02/20

Benzene	0.00		mg/L							
Ethylbenzene	0.790		"							
Xylene (p/m)	1.35		"							
Xylene (o)	0.510		"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		93.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.5	80-120			

Permian Basin Environmental Lab, L.P.

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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

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 P0G0205 - General Preparation (GC)

Calibration Blank (P0G0205-CCB2)

Prepared & Analyzed: 07/02/20

Benzene	0.00		mg/L							
Ethylbenzene	0.450		"							
Xylene (p/m)	0.860		"							
Xylene (o)	0.330		"							
Surrogate: 4-Bromofluorobenzene	0.101		"	0.120		84.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.3	80-120			

Calibration Blank (P0G0205-CCB3)

Prepared: 07/02/20 Analyzed: 07/03/20

Benzene	0.00		mg/L							
Ethylbenzene	0.590		"							
Xylene (p/m)	0.920		"							
Xylene (o)	0.380		"							
Surrogate: 4-Bromofluorobenzene	0.101		"	0.120		84.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.2	80-120			

Calibration Check (P0G0205-CCV1)

Prepared & Analyzed: 07/02/20

Benzene	0.0998	0.00100	mg/L	0.100		99.8	80-120			
Toluene	0.0971	0.00500	"	0.100		97.1	80-120			
Ethylbenzene	0.0987	0.00100	"	0.100		98.7	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200		96.7	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.107		"	0.120		89.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.1	80-120			

Calibration Check (P0G0205-CCV2)

Prepared & Analyzed: 07/02/20

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.0993	0.00500	"	0.100		99.3	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.195	0.00200	"	0.200		97.6	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: 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 P0G0205 - General Preparation (GC)

Calibration Check (P0G0205-CCV3)

Prepared: 07/02/20 Analyzed: 07/03/20

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.0999	0.00500	"	0.100		99.9	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.196	0.00200	"	0.200		98.2	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	0.106		"	0.120		88.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.9	80-120			

Matrix Spike (P0G0205-MS1)

Source: 0F30001-01

Prepared: 07/02/20 Analyzed: 07/03/20

Benzene	0.104	0.00100	mg/L	0.100	ND	104	80-120			
Toluene	0.101	0.00500	"	0.100	ND	101	80-120			
Ethylbenzene	0.102	0.00100	"	0.100	ND	102	80-120			
Xylene (p/m)	0.200	0.00200	"	0.200	ND	100	80-120			
Xylene (o)	0.106	0.00100	"	0.100	ND	106	80-120			
Surrogate: 4-Bromofluorobenzene	0.103		"	0.120		86.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.2	80-120			

Matrix Spike Dup (P0G0205-MSD1)

Source: 0F30001-01

Prepared: 07/02/20 Analyzed: 07/03/20

Benzene	0.107	0.00100	mg/L	0.100	ND	107	80-120	2.59	20	
Toluene	0.103	0.00500	"	0.100	ND	103	80-120	1.95	20	
Ethylbenzene	0.102	0.00100	"	0.100	ND	102	80-120	0.0489	20	
Xylene (p/m)	0.210	0.00200	"	0.200	ND	105	80-120	4.43	20	
Xylene (o)	0.111	0.00100	"	0.100	ND	111	80-120	3.97	20	
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.2	80-120			

Batch P0G0206 - General Preparation (GC)

Blank (P0G0206-BLK1)

Prepared: 07/02/20 Analyzed: 07/03/20

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00500	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.100		"	0.120		83.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.8	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: 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 P0G0206 - General Preparation (GC)

LCS (P0G0206-BS1)

Prepared: 07/02/20 Analyzed: 07/03/20

Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.0988	0.00500	"	0.100		98.8	80-120			
Ethylbenzene	0.0954	0.00100	"	0.100		95.4	80-120			
Xylene (p/m)	0.196	0.00200	"	0.200		98.0	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.103		"	0.120		85.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.3	80-120			

LCS Dup (P0G0206-BS1)

Prepared: 07/02/20 Analyzed: 07/03/20

Benzene	0.0954	0.00100	mg/L	0.100		95.4	80-120	6.36	20	
Toluene	0.0923	0.00500	"	0.100		92.3	80-120	6.90	20	
Ethylbenzene	0.0952	0.00100	"	0.100		95.2	80-120	0.252	20	
Xylene (p/m)	0.185	0.00200	"	0.200		92.5	80-120	5.83	20	
Xylene (o)	0.0969	0.00100	"	0.100		96.9	80-120	6.83	20	
Surrogate: 4-Bromofluorobenzene	0.105		"	0.120		87.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.8	80-120			

Calibration Blank (P0G0206-CCB1)

Prepared: 07/02/20 Analyzed: 07/03/20

Benzene	0.00		mg/L							
Toluene	1.26		"							
Ethylbenzene	0.590		"							
Xylene (p/m)	0.920		"							
Xylene (o)	0.380		"							
Surrogate: 4-Bromofluorobenzene	0.101		"	0.120		84.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.2	80-120			

Calibration Blank (P0G0206-CCB2)

Prepared: 07/02/20 Analyzed: 07/03/20

Benzene	0.00		mg/L							
Toluene	2.11		"							
Ethylbenzene	0.820		"							
Xylene (p/m)	1.34		"							
Xylene (o)	0.490		"							
Surrogate: 4-Bromofluorobenzene	0.102		"	0.120		84.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.2	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: 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 P0G0206 - General Preparation (GC)

Calibration Check (P0G0206-CCV1)

Prepared: 07/02/20 Analyzed: 07/03/20

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.0999	0.00500	"	0.100		99.9	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.196	0.00200	"	0.200		98.2	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	0.106		"	0.120		88.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.9	80-120			

Calibration Check (P0G0206-CCV2)

Prepared: 07/02/20 Analyzed: 07/03/20

Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.103	0.00500	"	0.100		103	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.199	0.00200	"	0.200		99.3	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.102		"	0.120		84.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

Matrix Spike (P0G0206-MS1)

Source: 0G01008-05

Prepared: 07/02/20 Analyzed: 07/03/20

Benzene	0.275	0.00100	mg/L	0.100	0.170	105	80-120			
Toluene	0.149	0.00500	"	0.100	0.0218	127	80-120			QM-07
Ethylbenzene	0.215	0.00100	"	0.100	0.0762	139	80-120			QM-07
Xylene (p/m)	0.415	0.00200	"	0.200	0.0802	168	80-120			QM-07
Xylene (o)	0.139	0.00100	"	0.100	0.0229	116	80-120			
Surrogate: 4-Bromofluorobenzene	0.0940		"	0.120		78.4	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.143		"	0.120		119	80-120			

Matrix Spike Dup (P0G0206-MSD1)

Source: 0G01008-05

Prepared: 07/02/20 Analyzed: 07/03/20

Benzene	0.220	0.00100	mg/L	0.100	0.170	49.5	80-120	71.7	20	QM-07
Toluene	0.105	0.00500	"	0.100	0.0218	83.1	80-120	41.8	20	QM-07
Ethylbenzene	0.164	0.00100	"	0.100	0.0762	87.7	80-120	45.3	20	QM-07
Xylene (p/m)	0.229	0.00200	"	0.200	0.0802	74.3	80-120	77.1	20	QM-07
Xylene (o)	0.129	0.00100	"	0.100	0.0229	106	80-120	8.76	20	
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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

Fax: (432) 520-7701

Notes and Definitions

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

ROI Received on Ice

QM-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:

7/13/2020

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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PBIMLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager:

Curt Stanley

Project Name:

La Station

Company Name

TEC Solutions

Project #:

Company Address:

10 Dasha Dr

Project Loc:

City/State/Zip:

Midland TX

PO #:

Telephone No:

(432) 580-7720

Fax No:

Report Format: ☐ Standard ☐ TRRP ☐ NPDES

Sampler Signature:

Marcel Herrera

e-mail:

(lab use only)

ORDER # 0601008

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: TX 1005 TX 1006	Anions (Cl, SO ₄ , Alkalinity)	BTEX 8021B/5030 or BTEX 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
	MW 5			6-30-20	1104		3	X								GW					X
	MW 13				1311																
	MW 6				1423																
	MW 12				1509																
	MW 1				1547																
	MW 3				1610																
	MW 11				1642																
	MW 2																				

Special Instructions:

Relinquished by:

Manny

Date

7-1-20

Time

8:11

Received by:

Manny

Date

7-1-20

Time

8:10

Received by:

Relinquished by:

Date

Time

Received by:

Date

Time

Received by:

2.0 + 1.0 3.0

CF12

**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: 0H07001



NELAP/TCEQ # T104704516-17-8

Report Date: 08/28/20

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
MW5	0H07001-01	Water	08/06/20 11:20	08-07-2020 08:15
MW13	0H07001-02	Water	08/06/20 12:40	08-07-2020 08:15
MW6	0H07001-03	Water	08/06/20 13:25	08-07-2020 08:15
MW12	0H07001-04	Water	08/06/20 14:30	08-07-2020 08:15
MW1	0H07001-05	Water	08/06/20 15:09	08-07-2020 08:15
MW11	0H07001-06	Water	08/06/20 15:29	08-07-2020 08:15
MW3	0H07001-07	Water	08/06/20 16:02	08-07-2020 08:15
MW2	0H07001-08	Water	08/06/20 16:35	08-07-2020 08:15

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

0H07001-01 (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	P0H1105	08/11/20	08/11/20	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B
Surrogate: 4-Bromofluorobenzene		97.1 %		80-120	P0H1105	08/11/20	08/11/20	EPA 8021B
Surrogate: 1,4-Difluorobenzene		93.8 %		80-120	P0H1105	08/11/20	08/11/20	EPA 8021B

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

Fax: (432) 520-7701

MW13

0H07001-02 (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	P0H1105	08/11/20	08/11/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		85.3 %		80-120	P0H1105	08/11/20	08/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.3 %		80-120	P0H1105	08/11/20	08/11/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

Fax: (432) 520-7701

MW6

0H07001-03 (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	0.00137	0.00100	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B	
Toluene	0.00153	0.00100	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B	
Ethylbenzene	0.00241	0.00100	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		85.5 %	80-120		P0H1105	08/11/20	08/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		93.2 %	80-120		P0H1105	08/11/20	08/11/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

Fax: (432) 520-7701

MW12

0H07001-04 (Water)

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

Organics by GC

Benzene	0.00640	0.00100	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B
Toluene	0.00183	0.00100	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B
Ethylbenzene	0.0426	0.00100	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B
Surrogate: 4-Bromofluorobenzene		80.5 %	80-120		P0H1105	08/11/20	08/11/20	EPA 8021B
Surrogate: 1,4-Difluorobenzene		94.2 %	80-120		P0H1105	08/11/20	08/11/20	EPA 8021B

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

Fax: (432) 520-7701

MW1

0H07001-05 (Water)

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

Organics by GC

Benzene	0.195	0.00100	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B	
Toluene	0.00595	0.00100	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B	
Ethylbenzene	0.0536	0.00100	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B	
Xylene (p/m)	0.0190	0.00200	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B	
Xylene (o)	0.00608	0.00100	mg/L	1	P0H1105	08/11/20	08/11/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>84.1 %</i>		<i>80-120</i>	<i>P0H1105</i>	<i>08/11/20</i>	<i>08/11/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>101 %</i>		<i>80-120</i>	<i>P0H1105</i>	<i>08/11/20</i>	<i>08/11/20</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

Fax: (432) 520-7701

MW11

0H07001-06 (Water)

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

Organics by GC

Benzene	0.305	0.00500	mg/L	5	P0H1105	08/11/20	08/11/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	5	P0H1105	08/11/20	08/11/20	EPA 8021B	
Ethylbenzene	0.0168	0.00500	mg/L	5	P0H1105	08/11/20	08/11/20	EPA 8021B	
Xylene (p/m)	0.0106	0.0100	mg/L	5	P0H1105	08/11/20	08/11/20	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	5	P0H1105	08/11/20	08/11/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		84.2 %		80-120	P0H1105	08/11/20	08/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.7 %		80-120	P0H1105	08/11/20	08/11/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

Fax: (432) 520-7701

MW3

0H07001-07 (Water)

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

Organics by GC

Benzene	0.511	0.00500	mg/L	5	P0H1105	08/11/20	08/11/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	5	P0H1105	08/11/20	08/11/20	EPA 8021B	
Ethylbenzene	0.285	0.00500	mg/L	5	P0H1105	08/11/20	08/11/20	EPA 8021B	
Xylene (p/m)	0.122	0.0100	mg/L	5	P0H1105	08/11/20	08/11/20	EPA 8021B	
Xylene (o)	0.00585	0.00500	mg/L	5	P0H1105	08/11/20	08/11/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		83.8 %		80-120	P0H1105	08/11/20	08/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.3 %		80-120	P0H1105	08/11/20	08/11/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

Fax: (432) 520-7701

MW2

0H07001-08 (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	1.15	0.00500	mg/L	5	P0H1105	08/11/20	08/11/20	EPA 8021B	
Toluene	0.0210	0.00500	mg/L	5	P0H1105	08/11/20	08/11/20	EPA 8021B	
Ethylbenzene	0.352	0.00500	mg/L	5	P0H1105	08/11/20	08/11/20	EPA 8021B	
Xylene (p/m)	0.239	0.0100	mg/L	5	P0H1105	08/11/20	08/11/20	EPA 8021B	
Xylene (o)	0.0334	0.00500	mg/L	5	P0H1105	08/11/20	08/11/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		85.6 %		80-120	P0H1105	08/11/20	08/11/20	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		104 %		80-120	P0H1105	08/11/20	08/11/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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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 P0H1105 - General Preparation (GC)

Blank (P0H1105-BLK1)

Prepared & Analyzed: 08/11/20

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.0	80-120			

LCS (P0H1105-BS1)

Prepared & Analyzed: 08/11/20

Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.2	80-120			

LCS Dup (P0H1105-BSD1)

Prepared & Analyzed: 08/11/20

Benzene	0.106	0.00100	mg/L	0.100		106	80-120	4.85	20	
Toluene	0.110	0.00100	"	0.100		110	80-120	6.03	20	
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120	0.581	20	
Xylene (p/m)	0.223	0.00200	"	0.200		111	80-120	6.78	20	
Xylene (o)	0.113	0.00100	"	0.100		113	80-120	0.900	20	
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.6	80-120			

Calibration Blank (P0H1105-CCB1)

Prepared & Analyzed: 08/11/20

Benzene	0.00		mg/L							
Toluene	0.470		"							
Ethylbenzene	0.750		"							
Xylene (p/m)	1.65		"							
Xylene (o)	0.730		"							
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.9	80-120			

Permian Basin Environmental Lab, L.P.

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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

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 P0H1105 - General Preparation (GC)

Calibration Blank (P0H1105-CCB2)

Prepared & Analyzed: 08/11/20

Benzene	0.590		mg/L							
Toluene	0.920		"							
Ethylbenzene	1.09		"							
Xylene (p/m)	3.17		"							
Xylene (o)	1.58		"							
Surrogate: 4-Bromofluorobenzene	0.0969		"	0.120		80.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.6	80-120			

Calibration Check (P0H1105-CCV1)

Prepared & Analyzed: 08/11/20

Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.0968	0.00100	"	0.100		96.8	80-120			
Ethylbenzene	0.0980	0.00100	"	0.100		98.0	80-120			
Xylene (p/m)	0.188	0.00200	"	0.200		94.1	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.107		"	0.120		88.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.4	80-120			

Calibration Check (P0H1105-CCV2)

Prepared & Analyzed: 08/11/20

Benzene	0.112	0.00100	mg/L	0.100		112	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.0992		"	0.120		82.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.8	80-120			

Matrix Spike (P0H1105-MS1)

Source: 0H07001-01

Prepared & Analyzed: 08/11/20

Benzene	0.112	0.00100	mg/L	0.100	ND	112	80-120			
Toluene	0.112	0.00100	"	0.100	ND	112	80-120			
Ethylbenzene	0.112	0.00100	"	0.100	ND	112	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200	ND	105	80-120			
Xylene (o)	0.113	0.00100	"	0.100	ND	113	80-120			
Surrogate: 4-Bromofluorobenzene	0.100		"	0.120		83.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.3	80-120			

Permian Basin Environmental Lab, L.P.

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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 P0H1105 - General Preparation (GC)

Matrix Spike Dup (P0H1105-MSD1)	Source: 0H07001-01			Prepared & Analyzed: 08/11/20						
Benzene	0.107	0.00100	mg/L	0.100	ND	107	80-120	4.95	20	
Toluene	0.108	0.00100	"	0.100	ND	108	80-120	3.88	20	
Ethylbenzene	0.107	0.00100	"	0.100	ND	107	80-120	5.35	20	
Xylene (p/m)	0.207	0.00200	"	0.200	ND	103	80-120	2.09	20	
Xylene (o)	0.108	0.00100	"	0.100	ND	108	80-120	4.35	20	
Surrogate: 4-Bromofluorobenzene	0.0998		"	0.120		83.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.6	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: 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:

8/28/2020

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-666-7235

Project Manager:

Company Name:

Company Address:

City/State/Zip:

Telephone No.:

Sampler Signature:

(lab use only)

ORDER #: 0407001

East Stanley
TREC

10 Dasta Dr.

Midland TX 79705

432 520-7720

Paul H. [Signature]

e-mail:

Fax No.:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Project Name:

Lea Station

Project #:

Project Loc.:

PO #:

LMC CK 10

Page 15 of 15

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
1	MW 5			8-6-20	11:20		3X												
2	MW 13				12:40														
3	MW 6				13:25														
4	MW 10				14:30														
5	MW 1				15:09														
6	MW 11				15:29														
7	MW 3				16:02														
8	MW 2				16:35														

Special Instructions:

Relinquished by:

Relinquished by:

Relinquished by:

Date

Time

Received by:

Date

Time

Received by:

Date

Time

Received by:

Date

Time

Date

Time

Date

Time

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on container(s)

Custody seals on container(s)

Custody seals on cooler(s)

Sample Hand Delivered

by Sampler/Client Rep?

by Counter? UPS DHL

Temperature Upon Receipt:

Adjusted: 71.11

FedEx Lone Star

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

Standard TAT

**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: 0K10001



NELAP/TCEQ # T104704516-17-8

Report Date: 11/18/20

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
MW5	0K10001-01	Water	11/06/20 10:45	11-10-2020 08:26
MW13	0K10001-02	Water	11/06/20 12:08	11-10-2020 08:26
MW6	0K10001-03	Water	11/06/20 12:43	11-10-2020 08:26
MW1	0K10001-04	Water	11/06/20 13:23	11-10-2020 08:26
MW11	0K10001-05	Water	11/06/20 13:52	11-10-2020 08:26
MW3	0K10001-06	Water	11/06/20 14:33	11-10-2020 08:26
MW2	0K10001-07	Water	11/06/20 15:12	11-10-2020 08:26

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

0K10001-01 (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	P0K1203	11/12/20	11/12/20	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P0K1203	11/12/20	11/12/20	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P0K1203	11/12/20	11/12/20	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P0K1203	11/12/20	11/12/20	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P0K1203	11/12/20	11/12/20	EPA 8021B
Surrogate: 4-Bromofluorobenzene		101 %	80-120		P0K1203	11/12/20	11/12/20	EPA 8021B
Surrogate: 1,4-Difluorobenzene		98.7 %	80-120		P0K1203	11/12/20	11/12/20	EPA 8021B

Permian Basin Environmental Lab, L.P.

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

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

Fax: (432) 520-7701

MW13

0K10001-02 (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	P0K1203	11/12/20	11/13/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0K1203	11/12/20	11/13/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0K1203	11/12/20	11/13/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0K1203	11/12/20	11/13/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K1203	11/12/20	11/13/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.0 %	80-120		P0K1203	11/12/20	11/13/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P0K1203	11/12/20	11/13/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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MW6

0K10001-03 (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	P0K1203	11/12/20	11/12/20	EPA 8021B	
Toluene	0.00101	0.00100	mg/L	1	P0K1203	11/12/20	11/12/20	EPA 8021B	
Ethylbenzene	0.00135	0.00100	mg/L	1	P0K1203	11/12/20	11/12/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0K1203	11/12/20	11/12/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0K1203	11/12/20	11/12/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		106 %	80-120		P0K1203	11/12/20	11/12/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		93.3 %	80-120		P0K1203	11/12/20	11/12/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: Lea Station
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Project Manager: Curt Stanley

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MW1

0K10001-04 (Water)

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

Organics by GC

Benzene	0.178	0.00100	mg/L	1	P0K1203	11/12/20	11/12/20	EPA 8021B	
Toluene	0.0433	0.00100	mg/L	1	P0K1203	11/12/20	11/12/20	EPA 8021B	
Ethylbenzene	0.106	0.00100	mg/L	1	P0K1203	11/12/20	11/12/20	EPA 8021B	
Xylene (p/m)	0.177	0.00200	mg/L	1	P0K1203	11/12/20	11/12/20	EPA 8021B	
Xylene (o)	0.0709	0.00100	mg/L	1	P0K1203	11/12/20	11/12/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>91.6 %</i>	<i>80-120</i>		<i>P0K1203</i>	<i>11/12/20</i>	<i>11/12/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>110 %</i>	<i>80-120</i>		<i>P0K1203</i>	<i>11/12/20</i>	<i>11/12/20</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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

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MW11

0K10001-05 (Water)

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

Organics by GC

Benzene	0.651	0.00500	mg/L	5	P0K1203	11/12/20	11/12/20	EPA 8021B	
Toluene	0.00272	0.00100	mg/L	1	P0K1203	11/12/20	11/12/20	EPA 8021B	
Ethylbenzene	0.157	0.00100	mg/L	1	P0K1203	11/12/20	11/12/20	EPA 8021B	
Xylene (p/m)	0.0604	0.00200	mg/L	1	P0K1203	11/12/20	11/12/20	EPA 8021B	
Xylene (o)	0.00261	0.00100	mg/L	1	P0K1203	11/12/20	11/12/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>101 %</i>	<i>80-120</i>		<i>P0K1203</i>	<i>11/12/20</i>	<i>11/12/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>99.1 %</i>	<i>80-120</i>		<i>P0K1203</i>	<i>11/12/20</i>	<i>11/12/20</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Project Number: 2003-00339
Project Manager: Curt Stanley

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MW3

0K10001-06 (Water)

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

Organics by GC

Benzene	0.557	0.00500	mg/L	5	P0K1203	11/12/20	11/12/20	EPA 8021B	
Toluene	0.00479	0.00100	mg/L	1	P0K1203	11/12/20	11/12/20	EPA 8021B	
Ethylbenzene	0.348	0.00500	mg/L	5	P0K1203	11/12/20	11/12/20	EPA 8021B	
Xylene (p/m)	0.165	0.00200	mg/L	1	P0K1203	11/12/20	11/12/20	EPA 8021B	
Xylene (o)	0.0284	0.00100	mg/L	1	P0K1203	11/12/20	11/12/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>99.6 %</i>	<i>80-120</i>		<i>P0K1203</i>	<i>11/12/20</i>	<i>11/12/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>99.4 %</i>	<i>80-120</i>		<i>P0K1203</i>	<i>11/12/20</i>	<i>11/12/20</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

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

Fax: (432) 520-7701

MW2

0K10001-07 (Water)

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

Organics by GC

Benzene	0.794	0.00500	mg/L	5	P0K1203	11/12/20	11/12/20	EPA 8021B	
Toluene	0.00855	0.00500	mg/L	5	P0K1203	11/12/20	11/12/20	EPA 8021B	
Ethylbenzene	0.317	0.00500	mg/L	5	P0K1203	11/12/20	11/12/20	EPA 8021B	
Xylene (p/m)	0.193	0.0100	mg/L	5	P0K1203	11/12/20	11/12/20	EPA 8021B	
Xylene (o)	0.0106	0.00500	mg/L	5	P0K1203	11/12/20	11/12/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.5 %	80-120		P0K1203	11/12/20	11/12/20	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		97.4 %	80-120		P0K1203	11/12/20	11/12/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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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 P0K1203 - General Preparation (GC)

Blank (P0K1203-BLK1)

Prepared & Analyzed: 11/12/20

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		103	80-120			

LCS (P0K1203-BS1)

Prepared & Analyzed: 11/12/20

Benzene	0.0850	0.00100	mg/L	0.100		85.0	80-120			
Toluene	0.0811	0.00100	"	0.100		81.1	80-120			
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120			
Xylene (p/m)	0.166	0.00200	"	0.200		82.8	80-120			
Xylene (o)	0.0895	0.00100	"	0.100		89.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.129		"	0.120		108	80-120			

LCS Dup (P0K1203-BSD1)

Prepared & Analyzed: 11/12/20

Benzene	0.0898	0.00100	mg/L	0.100		89.8	80-120	5.47	20	
Toluene	0.0810	0.00100	"	0.100		81.0	80-120	0.136	20	
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120	2.14	20	
Xylene (p/m)	0.172	0.00200	"	0.200		86.0	80-120	3.80	20	
Xylene (o)	0.0919	0.00100	"	0.100		91.9	80-120	2.62	20	
Surrogate: 4-Bromofluorobenzene	0.135		"	0.120		113	80-120			
Surrogate: 1,4-Difluorobenzene	0.132		"	0.120		110	80-120			

Calibration Check (P0K1203-CCV1)

Prepared & Analyzed: 11/12/20

Benzene	0.0854	0.00100	mg/L	0.100		85.4	80-120			
Toluene	0.0800	0.00100	"	0.100		80.0	80-120			
Ethylbenzene	0.0906	0.00100	"	0.100		90.6	80-120			
Xylene (p/m)	0.162	0.00200	"	0.200		81.2	80-120			
Xylene (o)	0.0912	0.00100	"	0.100		91.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Permian Basin Environmental Lab, L.P.

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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 P0K1203 - General Preparation (GC)

Calibration Check (P0K1203-CCV2)				Prepared & Analyzed: 11/12/20						
Benzene	0.0852	0.00100	mg/L	0.100		85.2	80-120			
Toluene	0.0805	0.00100	"	0.100		80.5	80-120			
Ethylbenzene	0.0927	0.00100	"	0.100		92.7	80-120			
Xylene (p/m)	0.162	0.00200	"	0.200		81.0	80-120			
Xylene (o)	0.0913	0.00100	"	0.100		91.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

Matrix Spike (P0K1203-MS1)				Source: 0K10001-01		Prepared & Analyzed: 11/12/20				
Benzene	0.0792	0.00100	mg/L	0.100	ND	79.2	80-120			QM-05
Toluene	0.0712	0.00100	"	0.100	ND	71.2	80-120			QM-05
Ethylbenzene	0.0990	0.00100	"	0.100	0.000500	98.5	80-120			
Xylene (p/m)	0.155	0.00200	"	0.200	ND	77.3	80-120			QM-05
Xylene (o)	0.0834	0.00100	"	0.100	0.000920	82.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.128		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.4	80-120			

Matrix Spike Dup (P0K1203-MSD1)				Source: 0K10001-01		Prepared & Analyzed: 11/12/20				
Benzene	0.0865	0.00100	mg/L	0.100	ND	86.5	80-120	8.78	20	
Toluene	0.0798	0.00100	"	0.100	ND	79.8	80-120	11.3	20	QM-05
Ethylbenzene	0.111	0.00100	"	0.100	0.000500	111	80-120	11.6	20	
Xylene (p/m)	0.169	0.00200	"	0.200	ND	84.6	80-120	9.04	20	
Xylene (o)	0.0925	0.00100	"	0.100	0.000920	91.6	80-120	10.4	20	
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.8	80-120			

Permian Basin Environmental Lab, L.P.

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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

Notes and Definitions

ROI Received on Ice

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

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:

11/18/2020

Brent Barron, Laboratory Director/Technical Director

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

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

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



Analytical Report

Prepared for:

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

Project: Lea Station
Project Number: 2003-00339

Location:

Lab Order Number: 0L29004



NELAP/TCEQ # T104704516-17-8

Report Date: 01/12/21

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
MW12	0L29004-01	Water	12/28/20 13:47	12-29-2020 08:31
MW2	0L29004-02	Water	12/28/20 14:30	12-29-2020 08:31
MW3	0L29004-03	Water	12/28/20 15:14	12-29-2020 08:31

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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10 Desta Dr STE 150E
Midland TX, 79705

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

Fax: (432) 520-7701

MW12

0L29004-01 (Water)

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

Organics by GC

Benzene	0.00213	0.00100	mg/L	1	P0L3002	12/30/20	12/30/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L3002	12/30/20	12/30/20	EPA 8021B	
Ethylbenzene	0.00890	0.00100	mg/L	1	P0L3002	12/30/20	12/30/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L3002	12/30/20	12/30/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L3002	12/30/20	12/30/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.8 %		80-120	P0L3002	12/30/20	12/30/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		84.0 %		80-120	P0L3002	12/30/20	12/30/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project Number: 2003-00339
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW2

0L29004-02 (Water)

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

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.082	0.0010	mg/L	10	PIA1102	01/04/21	01/06/21	8270C	SUB-13
2-Methylnaphthalene	0.040	0.0010	mg/L	10	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Acenaphthene	ND	0.00010	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Acenaphthylene	0.0023	0.00010	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Anthracene	0.00062	0.00010	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Benzo (a) anthracene	0.0025	0.00010	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Chrysene	0.00023	0.00010	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Dibenzofuran	0.0069	0.00010	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Fluorene	0.0071	0.00010	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Naphthalene	0.041	0.0010	mg/L	10	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Phenanthrene	0.019	0.0010	mg/L	10	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

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

Fax: (432) 520-7701

MW3

0L29004-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	0.042	0.00099	mg/L	10	PIA1102	01/04/21	01/06/21	8270C	SUB-13
2-Methylnaphthalene	0.018	0.00099	mg/L	10	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Acenaphthene	ND	0.000099	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Acenaphthylene	0.0011	0.000099	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Anthracene	0.00056	0.000099	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Benzo (a) anthracene	0.0018	0.000099	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Benzo (a) pyrene	ND	0.000099	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.000099	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.000099	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.000099	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Chrysene	0.00025	0.000099	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.000099	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Dibenzofuran	0.0031	0.000099	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Fluoranthene	ND	0.000099	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Fluorene	0.0034	0.000099	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.000099	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Naphthalene	0.035	0.00099	mg/L	10	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Phenanthrene	0.0071	0.00099	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13
Pyrene	ND	0.000099	mg/L	1	PIA1102	01/04/21	01/06/21	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

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

Project: 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 P0L3002 - General Preparation (GC)

Blank (P0L3002-BLK1)

Prepared & Analyzed: 12/30/20

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.0966		"	0.120		80.5	80-120			

LCS (P0L3002-BS1)

Prepared & Analyzed: 12/30/20

Benzene	0.0956	0.00100	mg/L	0.100		95.6	80-120			
Toluene	0.0801	0.00100	"	0.100		80.1	80-120			
Ethylbenzene	0.0908	0.00100	"	0.100		90.8	80-120			
Xylene (p/m)	0.171	0.00200	"	0.200		85.3	80-120			
Xylene (o)	0.0808	0.00100	"	0.100		80.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.130		"	0.120		109	80-120			
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		89.9	80-120			

LCS Dup (P0L3002-BSD1)

Prepared & Analyzed: 12/30/20

Benzene	0.0823	0.00100	mg/L	0.100		82.3	80-120	14.9	20	
Toluene	0.0801	0.00100	"	0.100		80.1	80-120	0.0874	20	
Ethylbenzene	0.0832	0.00100	"	0.100		83.2	80-120	8.78	20	
Xylene (p/m)	0.162	0.00200	"	0.200		81.1	80-120	4.99	20	
Xylene (o)	0.0828	0.00100	"	0.100		82.8	80-120	2.43	20	
Surrogate: 4-Bromofluorobenzene	0.130		"	0.120		108	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.7	80-120			

Calibration Blank (P0L3002-CCB1)

Prepared & Analyzed: 12/30/20

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.104		"	0.120		86.6	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: 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 P0L3002 - General Preparation (GC)

Calibration Blank (P0L3002-CCB2)

Prepared & Analyzed: 12/30/20

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.105		"	0.120		87.8	80-120			

Calibration Check (P0L3002-CCV1)

Prepared & Analyzed: 12/30/20

Benzene	0.0952	0.00100	mg/L	0.100		95.2	80-120			
Toluene	0.0853	0.00100	"	0.100		85.3	80-120			
Ethylbenzene	0.0928	0.00100	"	0.100		92.8	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200		96.7	80-120			
Xylene (o)	0.0943	0.00100	"	0.100		94.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.133		"	0.120		111	80-120			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.2	80-120			

Calibration Check (P0L3002-CCV2)

Prepared & Analyzed: 12/30/20

Benzene	0.110	0.00100	mg/L	0.100		110	80-120			
Toluene	0.0910	0.00100	"	0.100		91.0	80-120			
Ethylbenzene	0.0949	0.00100	"	0.100		94.9	80-120			
Xylene (p/m)	0.200	0.00200	"	0.200		100	80-120			
Xylene (o)	0.0973	0.00100	"	0.100		97.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.130		"	0.120		108	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.1	80-120			

Matrix Spike (P0L3002-MS1)

Source: 0L29001-01

Prepared & Analyzed: 12/30/20

Benzene	0.108	0.00100	mg/L	0.100	ND	108	80-120			
Toluene	0.0871	0.00100	"	0.100	ND	87.1	80-120			
Ethylbenzene	0.104	0.00100	"	0.100	ND	104	80-120			
Xylene (p/m)	0.200	0.00200	"	0.200	ND	99.8	80-120			
Xylene (o)	0.0942	0.00100	"	0.100	ND	94.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.129		"	0.120		108	80-120			
Surrogate: 1,4-Difluorobenzene	0.105		"	0.120		87.2	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: 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 P0L3002 - General Preparation (GC)

Matrix Spike Dup (P0L3002-MSD1)	Source: 0L29001-01			Prepared & Analyzed: 12/30/20						
Benzene	0.103	0.00100	mg/L	0.100	ND	103	80-120	4.93	20	
Toluene	0.0806	0.00100	"	0.100	ND	80.6	80-120	7.81	20	
Ethylbenzene	0.0946	0.00100	"	0.100	ND	94.6	80-120	9.25	20	
Xylene (p/m)	0.181	0.00200	"	0.200	ND	90.4	80-120	9.91	20	
Xylene (o)	0.0854	0.00100	"	0.100	ND	85.4	80-120	9.73	20	
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.105		"	0.120		87.5	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Fax: (432) 520-7701

Notes and Definitions

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

ROI Received on Ice

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date: 1/12/2021

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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



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

January 06, 2021

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

Work Order: **HS20121352**

Laboratory Results for: **0L29004**

Dear Brent Barron,

ALS Environmental received 2 sample(s) on Dec 30, 2020 for the analysis presented in the following report.

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

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

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

Sincerely,

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

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

ALS Houston, US

Date: 06-Jan-21

Client: Permian Basin Environmental Lab, LP
Project: 0L29004
Work Order: HS20121352

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS20121352-01	0L29004-02	Water		28-Dec-2020 14:30	30-Dec-2020 10:25	☐
HS20121352-02	0L29004-03	Water		28-Dec-2020 15:14	30-Dec-2020 10:25	☐

ALS Houston, US

Date: 06-Jan-21

Client: Permian Basin Environmental Lab, LP
Project: 0L29004
Work Order: HS20121352

CASE NARRATIVE

GCMS Semivolatiles by Method SW8270

Batch ID: 161271

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

ALS Houston, US

Date: 06-Jan-21

Client: Permian Basin Environmental Lab, LP
 Project: 0L29004
 Sample ID: 0L29004-02
 Collection Date: 28-Dec-2020 14:30

ANALYTICAL REPORT

WorkOrder:HS20121352
 Lab ID:HS20121352-01
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 04-Jan-2021		Analyst: ACN
1-Methylnaphthalene	82.0	n	1.03	ug/L	10	06-Jan-2021 13:39
2-Methylnaphthalene	39.8		1.03	ug/L	10	06-Jan-2021 13:39
Acenaphthene	ND		0.103	ug/L	1	06-Jan-2021 12:53
Acenaphthylene	2.28		0.103	ug/L	1	06-Jan-2021 12:53
Anthracene	0.620		0.103	ug/L	1	06-Jan-2021 12:53
Benz(a)anthracene	2.53		0.103	ug/L	1	06-Jan-2021 12:53
Benzo(a)pyrene	ND		0.103	ug/L	1	06-Jan-2021 12:53
Benzo(b)fluoranthene	ND		0.103	ug/L	1	06-Jan-2021 12:53
Benzo(g,h,i)perylene	ND		0.103	ug/L	1	06-Jan-2021 12:53
Benzo(k)fluoranthene	ND		0.103	ug/L	1	06-Jan-2021 12:53
Chrysene	0.226		0.103	ug/L	1	06-Jan-2021 12:53
Dibenz(a,h)anthracene	ND		0.103	ug/L	1	06-Jan-2021 12:53
Dibenzofuran	6.93		0.103	ug/L	1	06-Jan-2021 12:53
Fluoranthene	ND		0.103	ug/L	1	06-Jan-2021 12:53
Fluorene	7.06		0.103	ug/L	1	06-Jan-2021 12:53
Indeno(1,2,3-cd)pyrene	ND		0.103	ug/L	1	06-Jan-2021 12:53
Naphthalene	40.6		1.03	ug/L	10	06-Jan-2021 13:39
Phenanthrene	19.4		1.03	ug/L	10	06-Jan-2021 13:39
Pyrene	ND		0.103	ug/L	1	06-Jan-2021 12:53
Surr: 2-Fluorobiphenyl	73.9		32-130	%REC	1	06-Jan-2021 12:53
Surr: 2-Fluorobiphenyl	113		32-130	%REC	10	06-Jan-2021 13:39
Surr: 4-Terphenyl-d14	97.4		40-135	%REC	1	06-Jan-2021 12:53
Surr: 4-Terphenyl-d14	106		40-135	%REC	10	06-Jan-2021 13:39
Surr: Nitrobenzene-d5	65.0		45-142	%REC	1	06-Jan-2021 12:53
Surr: Nitrobenzene-d5	69.7		45-142	%REC	10	06-Jan-2021 13:39

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

ALS Houston, US

Date: 06-Jan-21

Client: Permian Basin Environmental Lab, LP
 Project: 0L29004
 Sample ID: 0L29004-03
 Collection Date: 28-Dec-2020 15:14

ANALYTICAL REPORT

WorkOrder:HS20121352
 Lab ID:HS20121352-02
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270			Prep:SW3511 / 04-Jan-2021	Analyst: ACN
1-Methylnaphthalene	41.6	n	0.991	ug/L	10	06-Jan-2021 13:58
2-Methylnaphthalene	17.6		0.991	ug/L	10	06-Jan-2021 13:58
Acenaphthene	ND		0.0991	ug/L	1	06-Jan-2021 13:13
Acenaphthylene	1.08		0.0991	ug/L	1	06-Jan-2021 13:13
Anthracene	0.563		0.0991	ug/L	1	06-Jan-2021 13:13
Benz(a)anthracene	1.77		0.0991	ug/L	1	06-Jan-2021 13:13
Benzo(a)pyrene	ND		0.0991	ug/L	1	06-Jan-2021 13:13
Benzo(b)fluoranthene	ND		0.0991	ug/L	1	06-Jan-2021 13:13
Benzo(g,h,i)perylene	ND		0.0991	ug/L	1	06-Jan-2021 13:13
Benzo(k)fluoranthene	ND		0.0991	ug/L	1	06-Jan-2021 13:13
Chrysene	0.253		0.0991	ug/L	1	06-Jan-2021 13:13
Dibenz(a,h)anthracene	ND		0.0991	ug/L	1	06-Jan-2021 13:13
Dibenzofuran	3.14		0.0991	ug/L	1	06-Jan-2021 13:13
Fluoranthene	ND		0.0991	ug/L	1	06-Jan-2021 13:13
Fluorene	3.42		0.0991	ug/L	1	06-Jan-2021 13:13
Indeno(1,2,3-cd)pyrene	ND		0.0991	ug/L	1	06-Jan-2021 13:13
Naphthalene	35.3		0.991	ug/L	10	06-Jan-2021 13:58
Phenanthrene	7.08		0.0991	ug/L	1	06-Jan-2021 13:13
Pyrene	ND		0.0991	ug/L	1	06-Jan-2021 13:13
Surr: 2-Fluorobiphenyl	81.2		32-130	%REC	1	06-Jan-2021 13:13
Surr: 2-Fluorobiphenyl	127		32-130	%REC	10	06-Jan-2021 13:58
Surr: 4-Terphenyl-d14	73.7		40-135	%REC	1	06-Jan-2021 13:13
Surr: 4-Terphenyl-d14	83.8		40-135	%REC	10	06-Jan-2021 13:58
Surr: Nitrobenzene-d5	82.2		45-142	%REC	1	06-Jan-2021 13:13
Surr: Nitrobenzene-d5	52.1		45-142	%REC	10	06-Jan-2021 13:58

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

ALS Houston, US

Date: 06-Jan-21

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP

Project: 0L29004

WorkOrder: HS20121352

Batch ID: 161271

Start Date: 04 Jan 2021 09:34

End Date:

Method: SW3511

Prep Code: 3511_PAH

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS20121352-01	3	32.18 (mL)	2 (mL)	0.06215
HS20121352-02	3	33.29 (mL)	2 (mL)	0.06008

ALS Houston, US

Date: 06-Jan-21

Client: Permian Basin Environmental Lab, LP
Project: 0L29004
WorkOrder: HS20121352

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 161271 (0)		Test Name : LOW-LEVEL PAHS - 8270D			Matrix: Water	
HS20121352-01	0L29004-02	28 Dec 2020 14:30		04 Jan 2021 09:34	06 Jan 2021 13:39	10
HS20121352-01	0L29004-02	28 Dec 2020 14:30		04 Jan 2021 09:34	06 Jan 2021 12:53	1
HS20121352-02	0L29004-03	28 Dec 2020 15:14		04 Jan 2021 09:34	06 Jan 2021 13:58	10
HS20121352-02	0L29004-03	28 Dec 2020 15:14		04 Jan 2021 09:34	06 Jan 2021 13:13	1

ALS Houston, US

Date: 06-Jan-21

Client: Permian Basin Environmental Lab, LP

Project: 0L29004

WorkOrder: HS20121352

QC BATCH REPORT

Batch ID: 161271 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
MBLK	Sample ID: MBLK-161271	Units: ug/L		Analysis Date: 06-Jan-2021 11:15						
Client ID:	Run ID: SV-6_375950	SeqNo: 5911611		PrepDate: 04-Jan-2021		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	ND	0.100								
2-Methylnaphthalene	ND	0.100								
Acenaphthene	ND	0.100								
Acenaphthylene	ND	0.100								
Anthracene	ND	0.100								
Benz(a)anthracene	ND	0.100								
Benzo(a)pyrene	ND	0.100								
Benzo(b)fluoranthene	ND	0.100								
Benzo(g,h,i)perylene	ND	0.100								
Benzo(k)fluoranthene	ND	0.100								
Chrysene	ND	0.100								
Dibenz(a,h)anthracene	ND	0.100								
Dibenzofuran	ND	0.100								
Fluoranthene	ND	0.100								
Fluorene	ND	0.100								
Indeno(1,2,3-cd)pyrene	ND	0.100								
Naphthalene	ND	0.100								
Phenanthrene	ND	0.100								
Pyrene	ND	0.100								
Surr: 2-Fluorobiphenyl	2.967	0.100	3.03	0	97.9	32 - 130				
Surr: 4-Terphenyl-d14	3.005	0.100	3.03	0	99.2	40 - 135				
Surr: Nitrobenzene-d5	2.487	0.100	3.03	0	82.1	45 - 142				

ALS Houston, US

Date: 06-Jan-21

Client: Permian Basin Environmental Lab, LP
Project: 0L29004
WorkOrder: HS20121352

QC BATCH REPORT

Batch ID: 161271 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D					
LCS		Sample ID: LCS-161271		Units: ug/L		Analysis Date: 06-Jan-2021 11:35			
Client ID:		Run ID: SV-6_375950		SeqNo: 5911612		PrepDate: 04-Jan-2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	3.113	0.100	3.03	0	103	40 - 140			
2-Methylnaphthalene	2.765	0.100	3.03	0	91.2	40 - 140			
Acenaphthene	3.128	0.100	3.03	0	103	40 - 140			
Acenaphthylene	3.002	0.100	3.03	0	99.1	40 - 140			
Anthracene	2.91	0.100	3.03	0	96.1	40 - 140			
Benz(a)anthracene	2.204	0.100	3.03	0	72.7	40 - 140			
Benzo(a)pyrene	2.219	0.100	3.03	0	73.2	40 - 140			
Benzo(b)fluoranthene	1.813	0.100	3.03	0	59.8	40 - 140			
Benzo(g,h,i)perylene	2	0.100	3.03	0	66.0	40 - 140			
Benzo(k)fluoranthene	2.498	0.100	3.03	0	82.4	40 - 140			
Chrysene	3.016	0.100	3.03	0	99.5	40 - 140			
Dibenz(a,h)anthracene	2.008	0.100	3.03	0	66.3	40 - 140			
Dibenzofuran	3.344	0.100	3.03	0	110	40 - 140			
Fluoranthene	2.334	0.100	3.03	0	77.0	40 - 140			
Fluorene	3.316	0.100	3.03	0	109	40 - 140			
Indeno(1,2,3-cd)pyrene	2.647	0.100	3.03	0	87.4	40 - 140			
Naphthalene	3.01	0.100	3.03	0	99.3	40 - 140			
Phenanthrene	2.598	0.100	3.03	0	85.8	40 - 140			
Pyrene	2.235	0.100	3.03	0	73.7	40 - 140			
Surr: 2-Fluorobiphenyl	2.892	0.100	3.03	0	95.4	32 - 130			
Surr: 4-Terphenyl-d14	2.401	0.100	3.03	0	79.2	40 - 135			
Surr: Nitrobenzene-d5	2.353	0.100	3.03	0	77.6	45 - 142			

ALS Houston, US

Date: 06-Jan-21

Client: Permian Basin Environmental Lab, LP
Project: 0L29004
WorkOrder: HS20121352

QC BATCH REPORT

Batch ID: 161271 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCSD		Sample ID: LCSD-161271		Units: ug/L		Analysis Date: 06-Jan-2021 11:55				
Client ID:		Run ID: SV-6_375950		SeqNo: 5911613		PrepDate: 04-Jan-2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.188	0.100	3.03	0	105	40 - 140	3.113	2.4	25	
2-Methylnaphthalene	2.49	0.100	3.03	0	82.2	40 - 140	2.765	10.5	25	
Acenaphthene	2.947	0.100	3.03	0	97.3	40 - 140	3.128	5.95	25	
Acenaphthylene	2.917	0.100	3.03	0	96.3	40 - 140	3.002	2.89	25	
Anthracene	2.512	0.100	3.03	0	82.9	40 - 140	2.91	14.7	25	
Benz(a)anthracene	1.78	0.100	3.03	0	58.8	40 - 140	2.204	21.2	25	
Benzo(a)pyrene	2.211	0.100	3.03	0	73.0	40 - 140	2.219	0.347	25	
Benzo(b)fluoranthene	1.976	0.100	3.03	0	65.2	40 - 140	1.813	8.64	25	
Benzo(g,h,i)perylene	1.974	0.100	3.03	0	65.1	40 - 140	2	1.3	25	
Benzo(k)fluoranthene	2.23	0.100	3.03	0	73.6	40 - 140	2.498	11.3	25	
Chrysene	2.648	0.100	3.03	0	87.4	40 - 140	3.016	13	25	
Dibenz(a,h)anthracene	2.002	0.100	3.03	0	66.1	40 - 140	2.008	0.296	25	
Dibenzofuran	3.215	0.100	3.03	0	106	40 - 140	3.344	3.92	25	
Fluoranthene	2.268	0.100	3.03	0	74.9	40 - 140	2.334	2.85	25	
Fluorene	3.131	0.100	3.03	0	103	40 - 140	3.316	5.73	25	
Indeno(1,2,3-cd)pyrene	2.427	0.100	3.03	0	80.1	40 - 140	2.647	8.68	25	
Naphthalene	2.98	0.100	3.03	0	98.3	40 - 140	3.01	1	25	
Phenanthrene	2.072	0.100	3.03	0	68.4	40 - 140	2.598	22.6	25	
Pyrene	1.847	0.100	3.03	0	61.0	40 - 140	2.235	19	25	
Surr: 2-Fluorobiphenyl	2.939	0.100	3.03	0	97.0	32 - 130	2.892	1.62	25	
Surr: 4-Terphenyl-d14	2.095	0.100	3.03	0	69.1	40 - 135	2.401	13.6	25	
Surr: Nitrobenzene-d5	2.213	0.100	3.03	0	73.0	45 - 142	2.353	6.13	25	

The following samples were analyzed in this batch: HS20121352-01 HS20121352-02

ALS Houston, US

Date: 06-Jan-21

Client: Permian Basin Environmental Lab, LP
Project: 0L29004
WorkOrder: HS20121352

**QUALIFIERS,
ACRONYMS, UNITS**

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

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

ALS Houston, US

Date: 06-Jan-21

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	20-030-0	26-Mar-2021
California	2919, 2020-2021	30-Apr-2021
Dept of Defense	PJLA L20-507	22-Dec-2021
Florida	E87611-30-07/01/2020	30-Jun-2021
Illinois	2000322020-4	09-May-2021
Kansas	E-10352 2020-2021	31-Jul-2021
Kentucky	123043, 2020-2021	30-Apr-2021
Louisiana	03087, 2020-2021	30-Jun-2021
North Carolina	624-2021	31-Dec-2021
North Dakota	R-193 2020-2021	30-Apr-2021
Oklahoma	2020-165	31-Aug-2021
Texas	T104704231-20-26	30-Apr-2021

ALS Houston, US

Date: 06-Jan-21

Client: Permian Basin Environmental Lab, LP
Project: 0L29004
Work Order: HS20121352

SAMPLE TRACKING

Lab Samp ID	Client Sample ID	Action	Date	Person	New Location
HS20121352-01	0L29004-02	Login	12/30/2020 3:08:48 PM	JRM	LVI001
HS20121352-02	0L29004-03	Login	12/30/2020 3:08:48 PM	JRM	LVI001

ALS Houston, US

Date: 06-Jan-21

Sample Receipt Checklist

Work Order ID: HS20121352

Date/Time Received: 30-Dec-2020 10:25

Client Name: Permian Basin Lab

Received by: Jared R. Makan

Completed By: /S/ Jared R. Makan	30-Dec-2020 15:06	Reviewed by: /S/ Bernadette A. Fini	30-Dec-2020 16:30
eSignature	Date/Time	eSignature	Date/Time

Matrices: WaterCarrier name: FedEx Standard Overnight

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Samplers name present on COC?	Yes ☐	No ☒	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Temperature(s)/Thermometer(s):	1.8°C/1.8°C UC/C IR25		
Cooler(s)/Kit(s):	Red		
Date/Time sample(s) sent to storage:	12/30/2020 15:05		
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☒
pH adjusted?	Yes ☐	No ☐	N/A ☒
pH adjusted by:			

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:



Phone: 432-686-7235
PBELAB SUB COC V2

Project Name: SUBCONTRACT

Project #:

Project Loc:

PO #:

Fax No:

Report Format: X Standard ☐ TRRP

e-mail: brentbarron@pbelab.com

LAB # (lab use only)		FIELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filled	Total # of Containers	Preservation & # of Containers										Matrix	Analyze For															
										ICE	HNO ₃ 250 Poly 1	HCl 2x 40mL VOA	H ₂ SO ₄ Amber 500 320 Poly	NaOH/ZnAc 250 Poly 1	Na ₂ S ₂ O ₃	None Poly 500mL 250mL	Glass Amber 1000 500 mL	NaOH/ZnAc	DW=Drinking Water SL=Sludge	GW = Groundwater SS=Soil/Sed	NP=Non-Petroleum Specify Other	8250B BTEX	METALS RCRA 8 TOTAL ICNMS/7471	RCI	TCLP BENZENE	NORM-COMLETE	8270C TCLP SEMIVOLATILE	8260C TCLP VOLATILE	8270C PAH LL	8260C SEMIVOLATILE	METHANOL 8015M	TOX 9020B	Triethylene Glycol 8015m	CYANIDE 9010B	24 HOUR RUSH	
			0L29004-02			12/28/2020	14:30		3	X											W								X							
			0L29004-03			12/28/2020	15:14		3	X											W								X							
										HS20121352 Permian Basin Environmental Lab, LP 0L29004 																										
Special Instructions:										Laboratory Comments: Sample Containers Intact? Y N VOCs Free of Headspace? Y N Labels on container(s) Y N Custody seals on container(s) Y N Custody seals on cooler(s) Y N Sample Hand Delivered Y N by Sampler/Client Rep. ? Y N by Courier? UPS DHL FedEx L Temperature Upon Receipt: Received: 1-8 °C Adjusted: °C Factor																										
Relinquished by:		Date	Time							Date	Time																									
Brent Barron		12/29/20	16:00	J. Barron						12/30/20	0:25																									
Relinquished by:		Date	Time	Received by:						Date	Time																									
Relinquished by:		Date	Time	Received by:						Date	Time																									

Cooler - Red 17225

Red DEC 30 2020

FedEx
TRK# 8162 7383 1069
0200
WED - 30 DEC AA
STANDARD OVERNIGHT
AB SGRA *Red* 77099
TX-US
IAH



FID: 3912734 29Dec2020 HAF 56002/9196/05A2

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 22899

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay St, Ste 1600 Houston, TX 77002	OGRID: 34053
	Action Number: 22899
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2020 ANNUAL MONITORING REPORT: Content satisfactory Contractor anticipated actions approved by OCD and are as follows; 1. Continue quarterly monitoring and groundwater sampling in 2021 2. Complete sampling from MW-2 and MW-3 for PAH analysis in 2021 3. Submit the Annual Monitoring Report to the OCD no later than March 31, 2022.	1/12/2022