GW-351

Plains
Lea Crude Station

2013
Annual Report

PLAINS
ALL AMERICAN

March 14, 2014

Mr. Jim Griswold
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Plains All American – 2013 Annual Monitoring Report
1 Site in Lea County, New Mexico

Dear Mr. Griswold:

Plains All American is an operator of crude oil pipelines and terminal facilities in the state of New Mexico. Plains All American actively monitors certain historical release sites exhibiting groundwater impacts, consistent with assessments and work plans developed in consultation with the New Mexico Oil Conservation Division (NMOCD). In accordance with the rules and regulations of the NMOCD, Plains All American hereby submits an Annual Monitoring report for the following site:

Lea Station GW-351 Section 28, Township 20 South, Range 37 East, Lea County

Environmental Plus, Inc. (EPI) prepared this document and has vouched for its accuracy and completeness, and on behalf of Plains All American, I have personally reviewed the document and interviewed EPI personnel in order to verify the accuracy and completeness of the report. It is based upon these inquiries and reviews that Plains All American submits the enclosed Annual Monitoring Report for the above facility.

If you have any questions or require further information, please contact me at (575) 441-1099.

Sincerely,

Camille Bryant
Remediation Coordinator
Plains All American

CC: Geoff Leking, NMOCD, Hobbs, NM

Enclosures

2013 Annual Monitoring Report

Lea Station
Plains Ref: 2003-00339
(Company # 231735)

NW¼ of Section 28, T20S, R37E

~9.5 Miles North-Northwest of

Eunice, Lea County, New Mexico

Latitude: N32° 32’ 51.3” Longitude: W103° 15’ 37.0”

March 2014

Prepared by:

Environmental Plus, Inc.
P.O. Box 1558
2100 Avenue O Eunice,
New Mexico 88231

Prepared For:

PLAINS ALL AMERICAN

Distribution List

2013 Annual Monitoring and Soil Closure Report

Plains Pipeline, L.P.

Lea Station (Ref. #2003-00339)

Name	Title	Company or Agency	Mailing Address	e-mail
Jim Griswold	Hydrologist and Groundwater Remediations	New Mexico Oil Conservation Division – Santa Fe	1220 South St. Francis Drive Santa Fe, NM 87505	jim.griswold@state.nm.us
Geoffrey Leking	Environmental Engineer	New Mexico Oil Conservation Division – Hobbs	1625 North French Drive Hobbs, NM 88240	geoffreyr.leking@state.nm.us
Jeff Dann	Senior Environmental Specialist	Plains All American Pipeline	333 Clay Street, Suite 1600 Houston, TX 77002	jpdann@paalp.com
Camille Bryant	Remediation Coordinator	Plains All American Pipeline	2530 State Highway 214 Denver City, Texas 79323	cjbryant@paalp.com
File	- -	Environmental Plus, Inc.	P.O. Box 1558 Eunice, NM 88231	ddominguezepi@gmail.com

Standard of Care

2013 Annual Monitoring Report

Lea Station
Ref. # 2003-00339

The information provided in this report was collected consistent with the New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993), the NMOCD Unlined Surface Impoundment Closure Guidelines (February 1993), and the Environmental Plus, Inc. (EPI) Standard Operating Procedures and Quality Assurance/Quality Control Plan. The conclusions are based on field observations and laboratory analytical reports as presented in the report. Recommendations follow NMOCD guidance and represent the professional opinions of EPI staff. These opinions were arrived at with currently accepted geologic, hydro-geologic and engineering practices at this time and location. The report was prepared or reviewed by a certified or registered EPI professional with a background in engineering, environmental, and/or the natural sciences.

Report was prepared by:

_____ _____

Daniel Dominguez — Date
Environmental Consultant

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FIGURES

TABLES

APPENDIX

I. Background

Lea Station is located approximately nine (9) miles north-northwest of Eunice in Lea County, New Mexico, at an elevation of approximately 3,495 feet above mean sea level (reference *Figures 1* and *2*). The site is located in the Monument-Jal Oil Field and is utilized as a crude oil pipeline pumping station. There are no residences or surface water bodies within a 1,000-foot radius of the facility. The facility is surrounded by a barbed wire fence and has a locked gate (reference *Figure 3*).

In 1992, Shell Pipeline Corporation (SPLC) retained CURA to establish baseline conditions of the subsurface environment at the site. In December 1992, twelve (12) soil borings were advanced around the site and seven (7) groundwater monitoring wells installed. Analytical results for soil samples collected during this phase of the investigation indicated two general areas of concern (one each in the eastern and western half of the site) were identified as hydrocarbon-impacted areas by elevated total petroleum hydrocarbon (TPH) concentrations in soils [>100 parts per million (ppm)]. Analytical results for groundwater samples collected during this phase of the investigation indicated dissolved phase hydrocarbon contaminants present in five (5) of seven (7) groundwater samples.

Based on these results, an additional four (4) soil borings were advanced with four (4) groundwater monitoring wells installed in September 1993. Results of this and previous phases of the investigation indicated three (3) hydrocarbon-impacted areas present on the site. One is located in the eastern portion, one in the north-central portion and one in the western portion. In addition, phase separated hydrocarbons (PSH) were detected in groundwater monitoring well MW-8. Due to the presence of PSH, extent of hydrocarbon-impacted soil and groundwater, CURA recommended feasibility testing be completed to evaluate soil and groundwater remedial methods for potential implementation at the site.

In September 1994, CURA submitted a *Remediation Plan* to SPLC. The plan consisted of a soil vapor extraction (SVE) and product-only pumping system in the vicinity of groundwater monitoring well MW-8. The *Remediation Plan* included installation of two (2) recovery wells (RW-1 and RW-2), installation of two (2) PSH only pump/air extraction units (one unit each in RW-1 and RW-2), regulatory notification of air emissions, final installation of the system, performance monitoring, operation/maintenance activities and reporting.

In February 1995, a remediation system consisting of SVE with product-only pumping was installed at the west end of the site. The system was designed with high vacuum levels at the wellheads in an effort to induce oil flow towards the wells, as observed during the pilot testing. Recovery of PSH occurred from 1994 to 2003. Currently no PSH is present in this area and the SVE system has been turned off.

Plains assumed responsibility for Lea Station remediation activities in late 2003.

Annual Monitoring Reports submitted to the NMOCD from 2004 through 2012 documented quarterly gauging results, PSH recovery efforts, laboratory analytical results for BTEX and PAH concentrations and recommendations for upgrading sampling of the groundwater monitor well network.

II. Field Activities

Site visits were made monthly throughout 2013 to gauge monitor wells for determining depth to PSH (if present) and groundwater.

Groundwater samples were collected on March 28, June 27, September 26 and December 27, 2013 for laboratory analyses.

III. Groundwater Gradient and PSH Thickness

Prior to purging, monitoring wells were gauged to determine depth to groundwater and thickness of any PSH. Except for minor fluctuations, average groundwater levels have generally risen during recordable years (2003-2013). PSH was detected in groundwater monitoring wells MW-1, MW-2 and MW-11 during gauging and sampling events in 2013. PSH was non-detectable in groundwater monitoring wells MW-3, -4, -5, -6, -7, -8, -9, -10, -12, -13, RW-1 and RW-2 during 2013. A summary of groundwater elevations and PSH thickness is included in *Table 1*.

Based on data collected during the four (4) sampling and twelve (12) gauging events, groundwater is flowing in the southeast direction (reference *Figures 4, 6, 8* and *10*).

IV. PSH Recovery

PSH thickness was detected, though not appreciably, in groundwater monitoring wells MW-1, MW-2 and MW-11 during 2013 gauging and sampling activities. In the past, absorbent booms and hand bailing accomplished recovery of PSH on-site. Approximately 260 gallons of PSH have been recovered to date. However, no recordable volume of PSH was recovered in 2013. A summary of historic PSH recovery is presented in *Table 1*.

V. Groundwater Sampling

Groundwater monitoring wells are sampled on a quarterly basis until analytical results indicate contaminant concentrations are below New Mexico Water Quality Control Commission Groundwater Standards (NMWQCC Groundwater Standards) for eight (8) consecutive quarters. Water samples are submitted to an independent laboratory for quantification of benzene, toluene, ethyl-benzene and total xylenes (BTEX) on a quarterly basis and poly-aromatic hydrocarbons (PAH) on an annual basis. After receipt of analytical results indicating contaminant concentrations below NMWQCC Groundwater Standards for eight (8) consecutive quarters, qualifying groundwater monitoring wells are sampled on an annual basis and water samples submitted for quantification of BTEX, until analytical results for all samples collected from the groundwater monitoring well network are below NMWQCC Groundwater Standards for eight (8) consecutive quarters. Groundwater monitoring wells with quarterly laboratory analytical results below NMWQCC Groundwater Standards for eight (8) consecutive quarters which are not needed for monitoring existing contaminant plume may be plugged and abandoned (P&A).

On March 28, 2013, groundwater samples collected from monitoring wells MW-1 thru -4, MW-7, and MW-9 thru -12 were submitted to an independent laboratory for quantification of BTEX concentrations.

On June 27, 2013, groundwater samples collected from monitoring wells MW-1, -3, -7 and MW-12 were submitted to an independent laboratory for quantification of BTEX concentrations.

On September 26, 2013, groundwater samples collected from monitoring wells MW-3, -7, -11 and MW-12 were submitted to an independent laboratory for quantification of BTEX constituent concentrations.

On December 27, 2013, groundwater samples collected from monitoring wells MW-7 and MW-12 were submitted to an independent laboratory for quantification of BTEX constituent concentrations.

VI. Groundwater Analytical Results

PSH was detected, though not appreciably, in groundwater monitoring wells MW-1, -2, and MW-11 during sampling events in 2013. Excluding monitor wells which were not sampled, laboratory analytical data collected from three (3) monitor wells (MW-4, -9 and MW-10) indicated benzene concentrations below NMWQCC Groundwater Standards. Laboratory analytical data collected from six (6) monitor wells (MW-1, -2, -3, -7, -11 and MW-12) indicated benzene concentrations above NMWQCC Groundwater Standards. However, laboratory analytical data collected from four (4) monitor wells (MW-1, -2, -7 and MW-12) indicated accumulative BTEX constituent concentrations below NMWQCC Groundwater Standards. Laboratory analytical data collected from two (2) monitor wells (MW-3 and MW-11) indicated accumulative BTEX constituent concentrations above NMWQCC Groundwater Standards.

Summaries of PSH recovery are presented in *Table 1*, BTEX and TPH laboratory analytical results in *Table 2* and PAH laboratory analytical results in *Table 3*. Hence, monitor well analytical results were not expanded on individually, but can be addressed by reviewing the above referenced *Tables*.

Due to voluminous data contained in gauging and analytical tables, only data collected from 2011 – 2013 are presented in *Tables 1-3* for this report. Complete Version of 2013 Annual Report with data collected from 1995 – 2013 is contained in a CD at end of this Report.

VII. Recommendations

Based on field monitoring and laboratory analytical results on groundwater samples collected during 2013 in conjunction with analytical data amassed during the previous seventeen (18) years, following are recommendations with regards to gauging and sampling protocol for 2014.

1) Gauge all groundwater monitoring wells for water levels and presence of PSH on a monthly basis.

2) Sample groundwater monitoring wells MW-1, -2, -3, -7, -11 and MW-12 on a quarterly basis and submit samples for quantification of BTEX constituent concentrations. In the event PSH is detected during any groundwater sampling event, the monitoring well(s) will (shall) be excluded from quarterly sampling events.

3) Sample groundwater monitoring wells MW-4, -8, -9, -10 and MW-13 on annual basis commencing 1st Quarter with submittal for quantification of BTEX constituent concentrations. Should analytical results indicate presence of contaminants above NMWQCC Groundwater Standards, sample impacted well(s) on 2014 quarterly sampling event basis for quantification of BTEX constituent concentrations.

4) Based on results of PAH analysis over the past few years, further PAH analysis should be conducted only on those monitor wells (MW-2 and MW-3) which have historically exhibited PAH constituent concentrations near or above NMWQCC Groundwater Standards.

5) Sample groundwater monitoring wells RW-1, RW-2, MW-5 and MW-6 on an annual basis and submit samples for quantification of BTEX constituent concentrations for verification of compliance with NMWQCC Groundwater Standards.

FIGURES

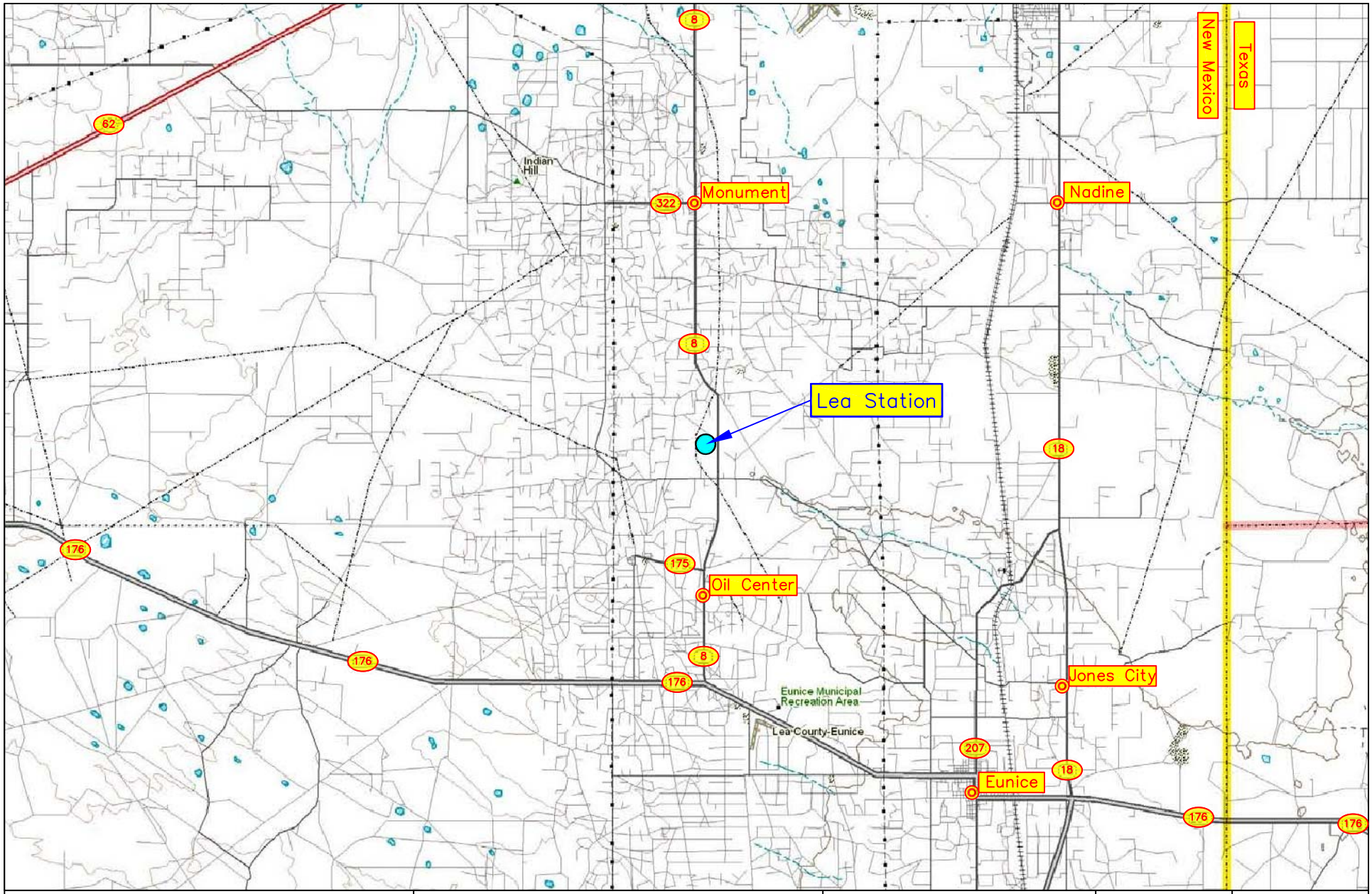

Figure 1
Area Map
Plains All American Pipeline, L.P.
Lea Station

Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl

DWG By: D. Dominguez
February 2013

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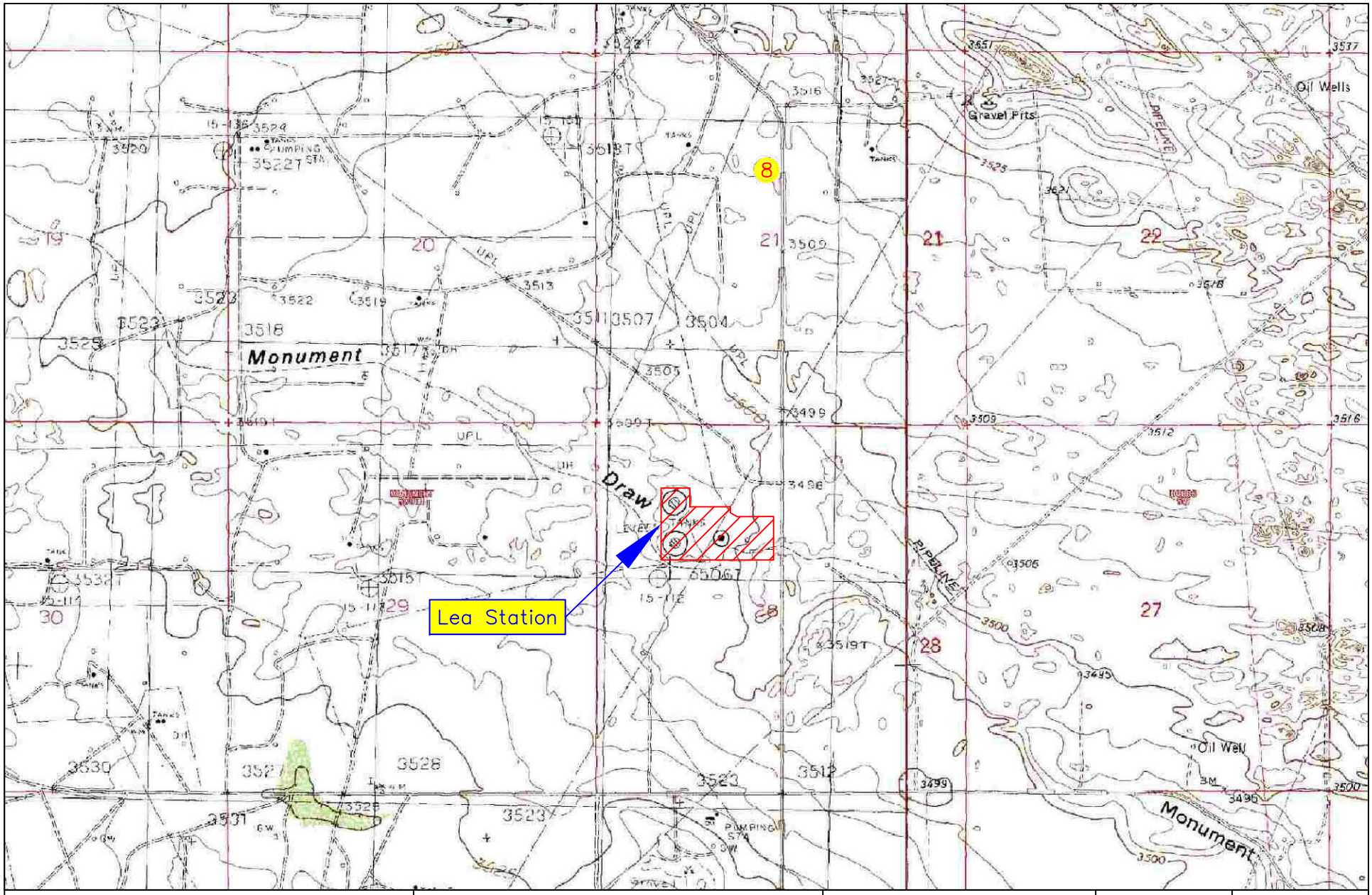

Figure 2 Site Location Map Plains All American Pipeline, L.P. Lea Station	Lea County, New Mexico NW 1/4, Sec. 28, T20S, R37E N 32° 32' 51.3" W 103° 15' 37.0" Elevation: 3,495 feet amsl	DWG By: D. Dominguez February 2013 REVISED: 0 230 460 Feet SHEET 1 of 1	N

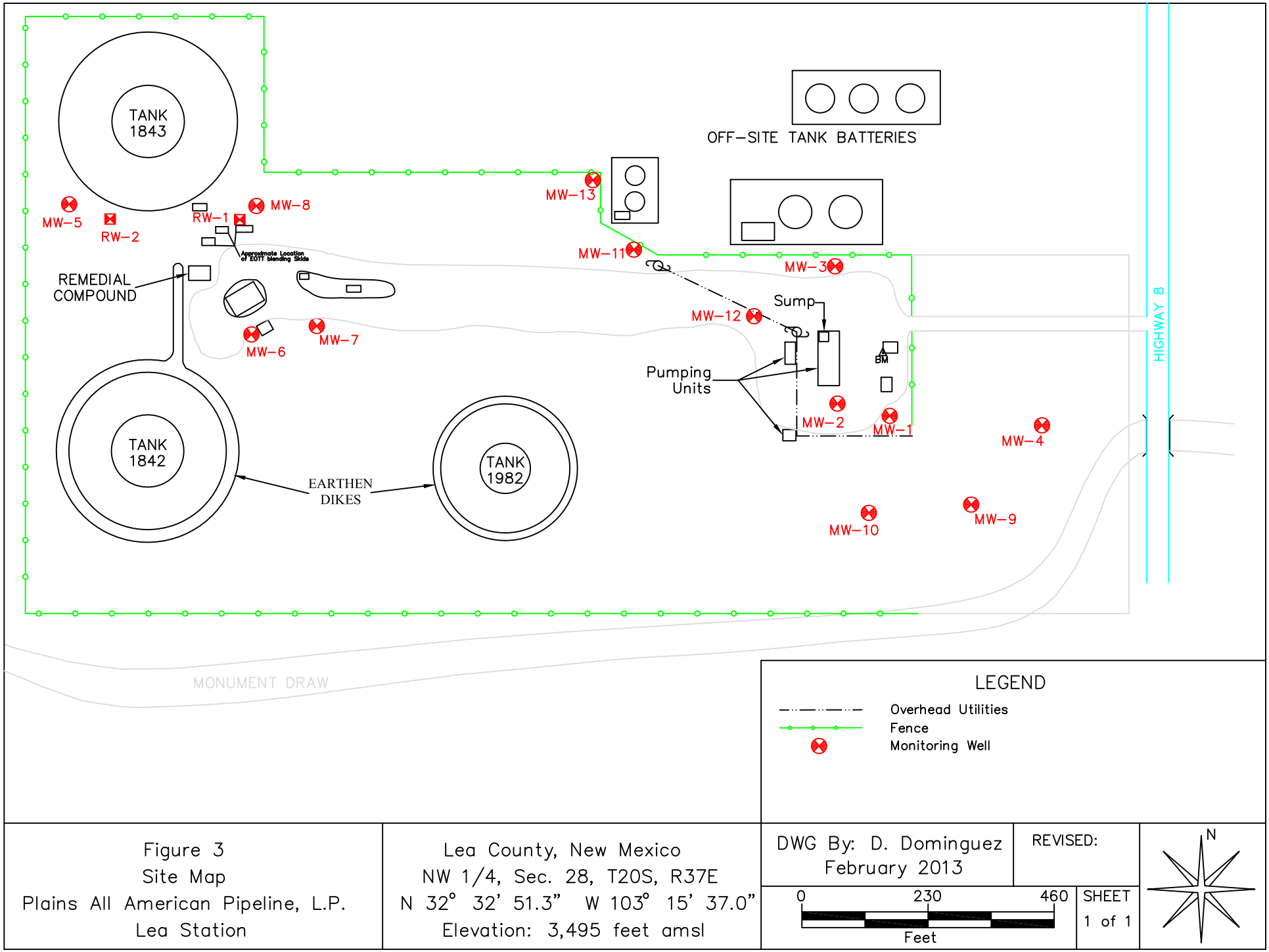

Figure 3 Site Map Plains All American Pipeline, L.P. Lea Station	Lea County, New Mexico NW 1/4, Sec. 28, T20S, R37E N 32° 32' 51.3" W 103° 15' 37.0" Elevation: 3,495 feet amsl	DWG By: D. Dominguez February 2013 REVISED: 0 230 460 Feet	SHEET 1 of 1 N

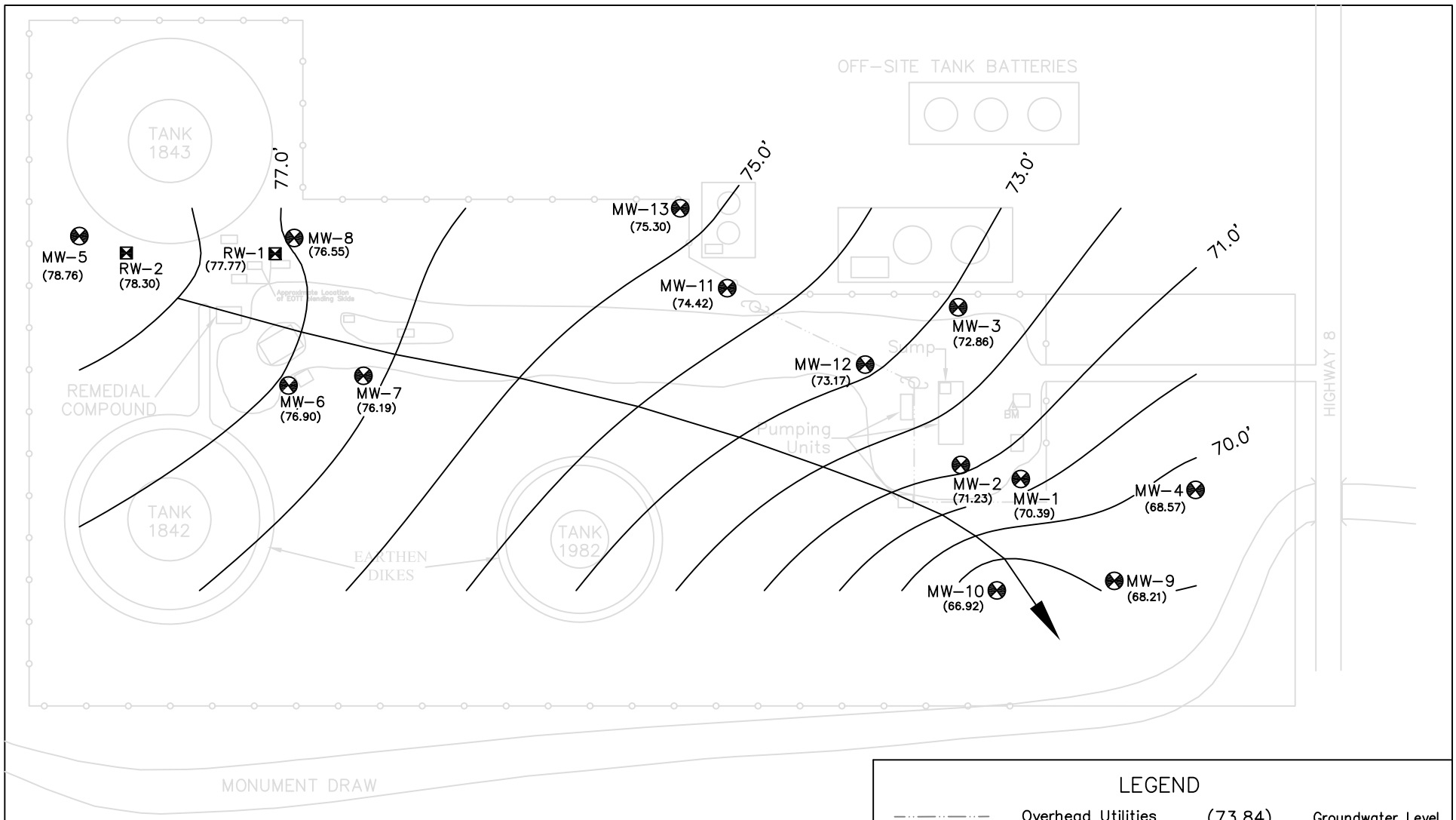

Figure 4 Groundwater Contour Map–3/28/13 Plains All American Pipeline, L.P. Lea Station	Lea County, New Mexico NW 1/4, Sec. 28, T20S, R37E N 32° 32' 51.3" W 103° 15' 37.0" Elevation: 3,495 feet amsl	DWG By: D. Dominguez February 2014 REVISED: 0 230 460 Feet	SHEET 1 of 1 N

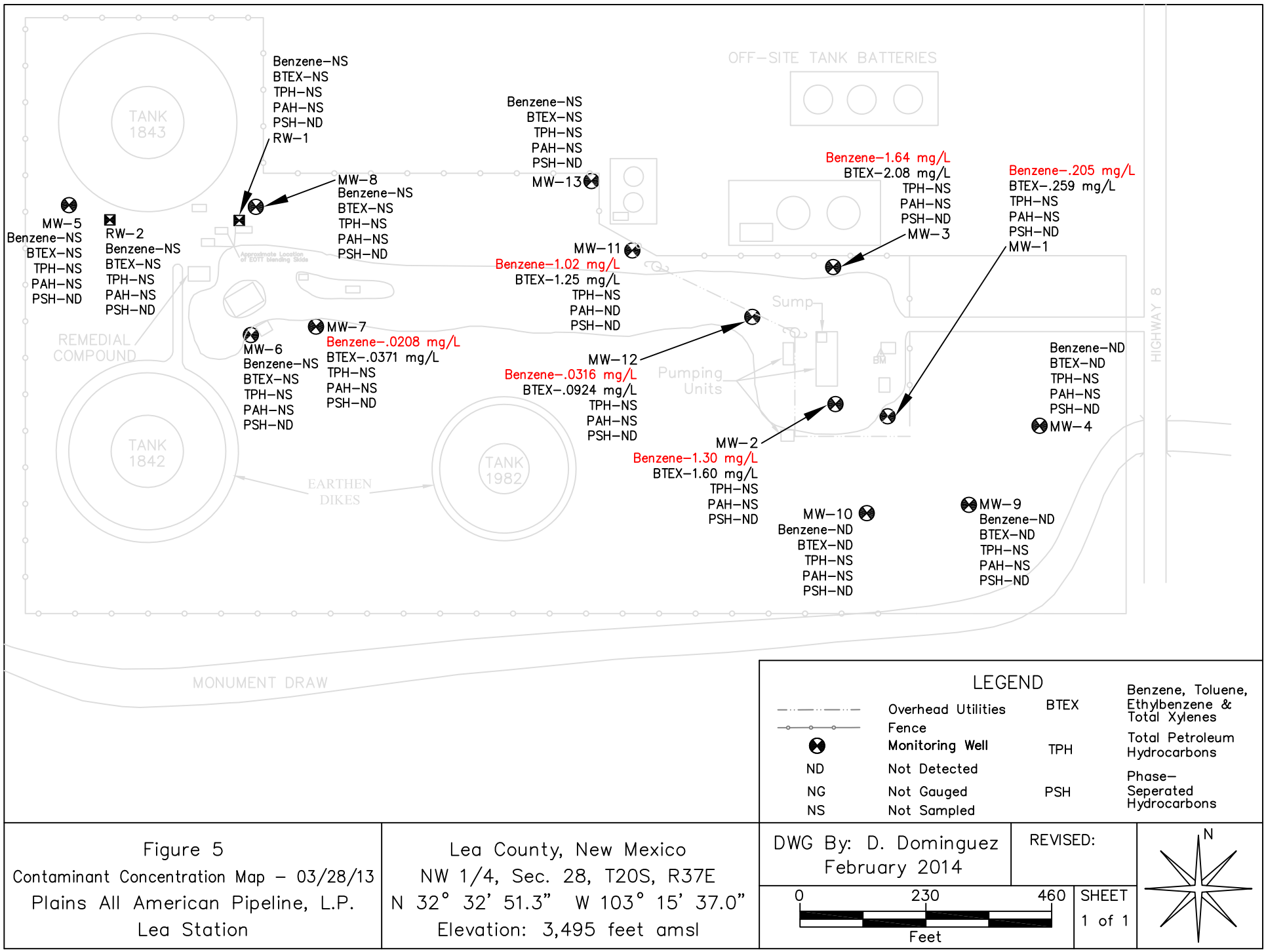

Figure 5
Contaminant Concentration Map – 03/28/13
Plains All American Pipeline, L.P.
Lea Station

Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl

DWG By: D. Dominguez
February 2014

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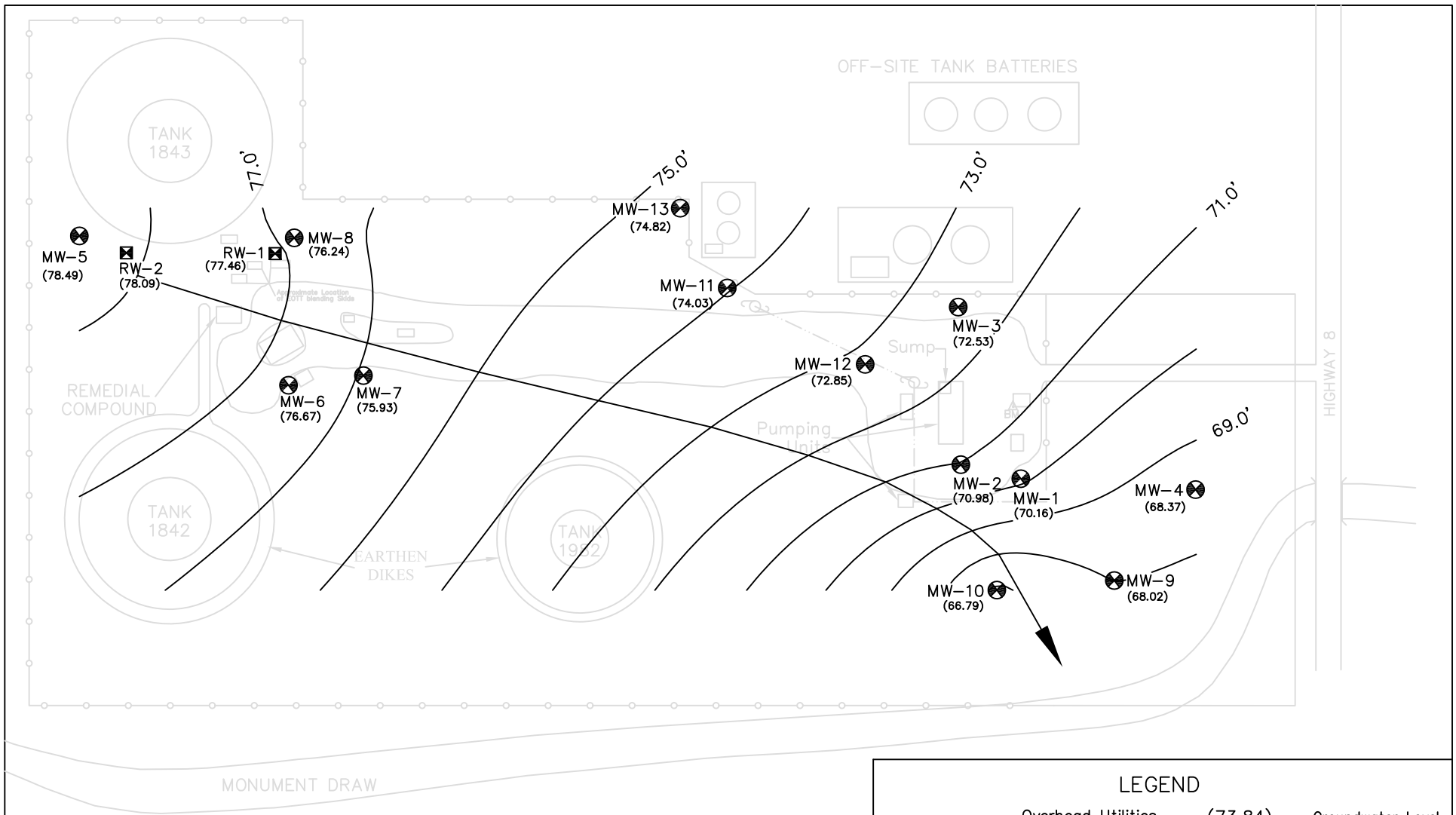

Figure 6 Groundwater Contour Map–6/27/13 Plains All American Pipeline, L.P. Lea Station	Lea County, New Mexico NW 1/4, Sec. 28, T20S, R37E N 32° 32' 51.3" W 103° 15' 37.0" Elevation: 3,495 feet amsl	DWG By: D. Dominguez February 2014	REVISED: SHEET 1 of 1

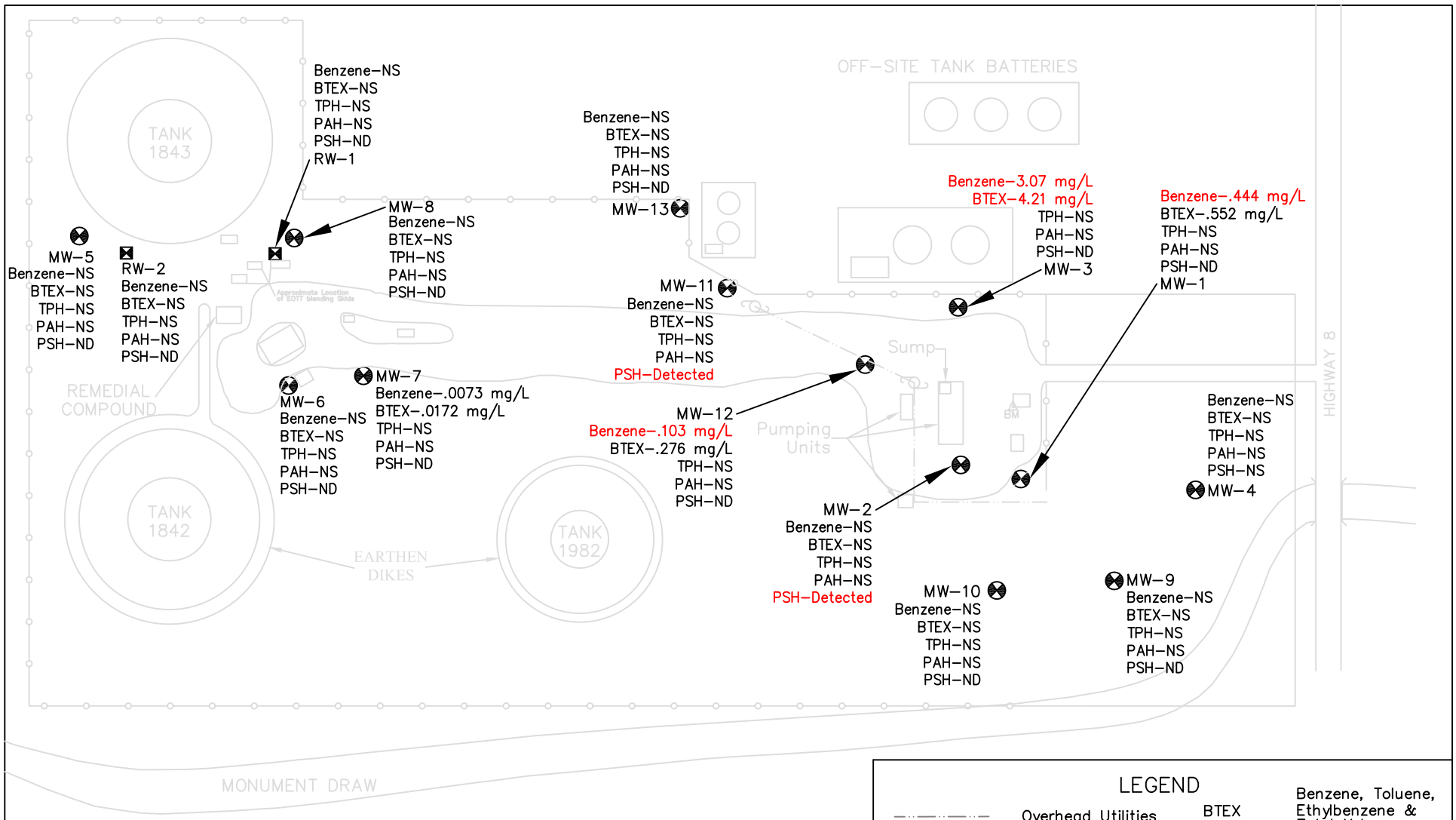

Figure 7
Contaminant Concentration Map – 06/27/13
Plains All American Pipeline, L.P.
Lea Station

Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl

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February 2014

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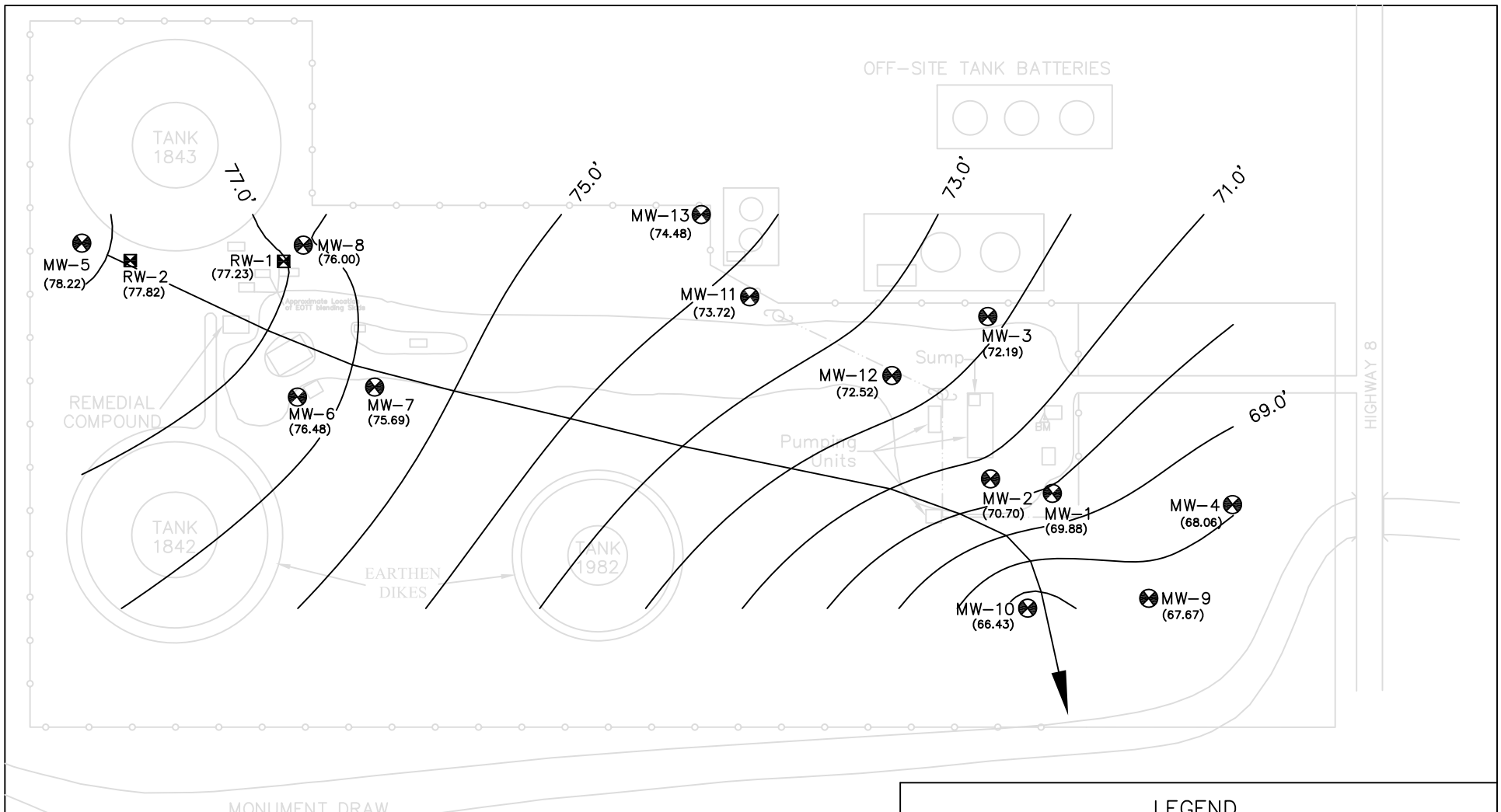

Figure 8 Groundwater Contour Map–9/26/13 Plains All American Pipeline, L.P. Lea Station	Lea County, New Mexico NW 1/4, Sec. 28, T20S, R37E N 32° 32' 51.3" W 103° 15' 37.0" Elevation: 3,495 feet amsl	DWG By: D. Dominguez February 2014 REVISED: 0 230 460 Feet SHEET 1 of 1	N

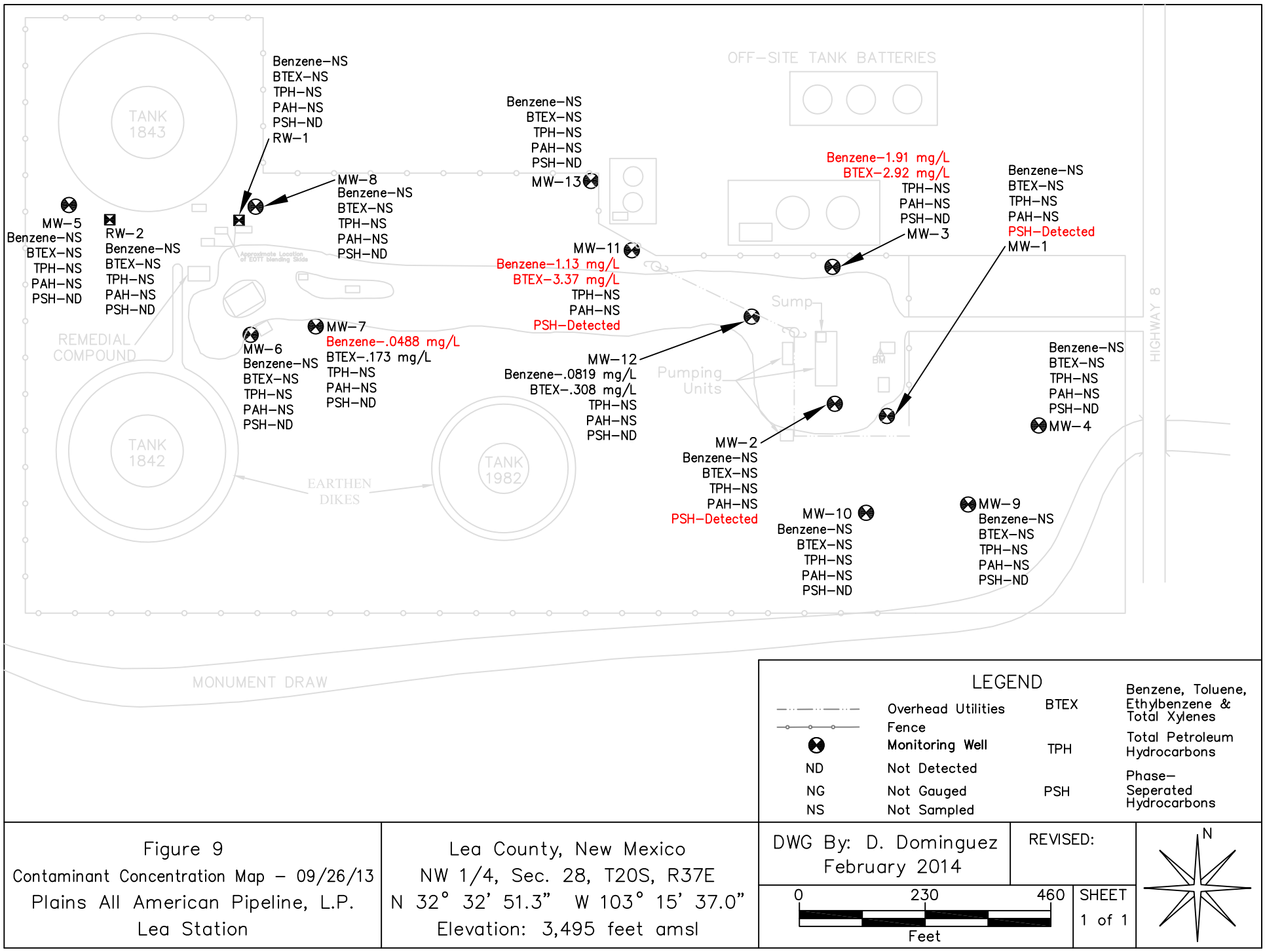

Figure 9
Contaminant Concentration Map – 09/26/13
Plains All American Pipeline, L.P.
Lea Station

Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl

DWG By: D. Dominguez
February 2014

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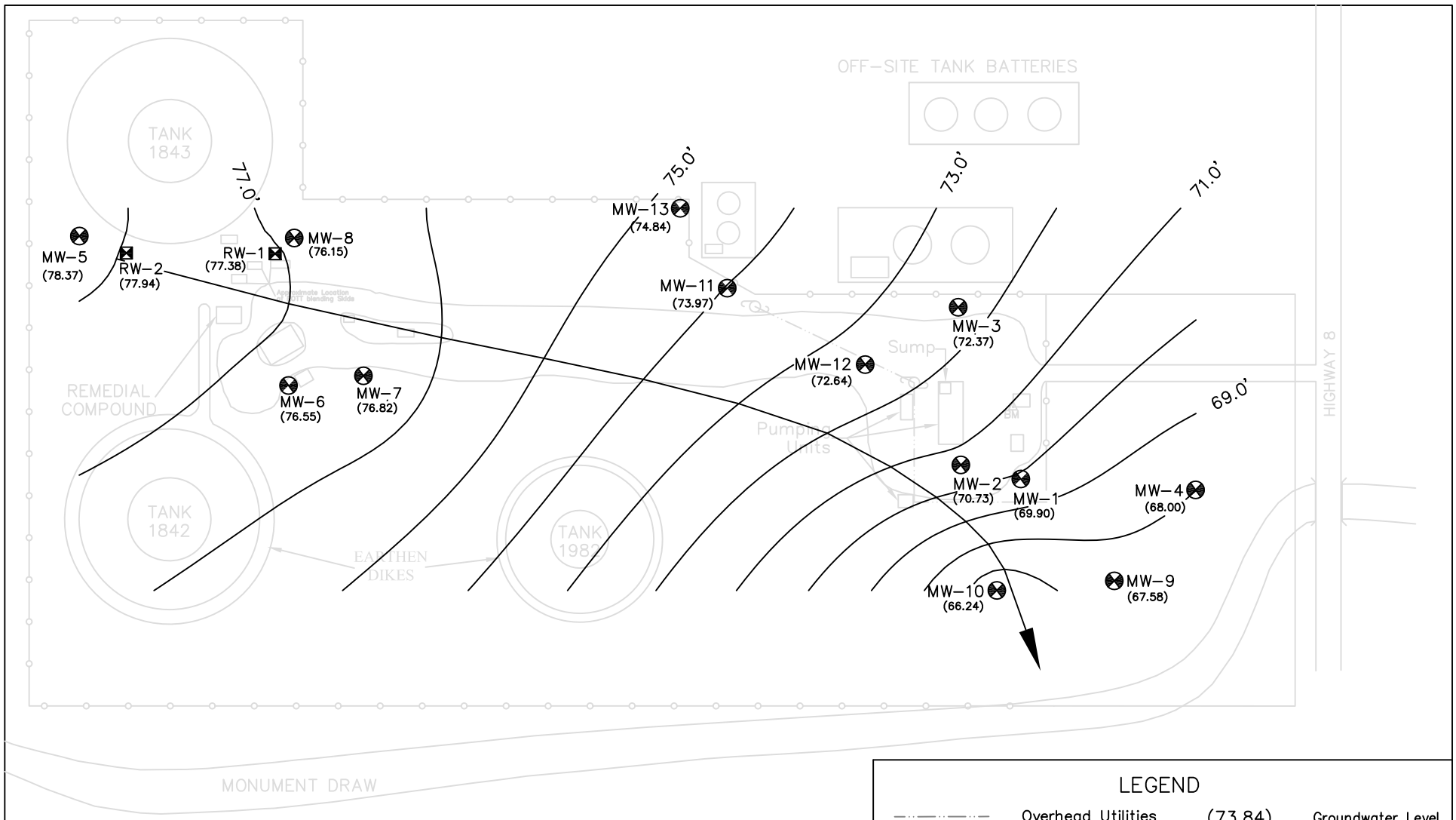

Figure 10 Groundwater Contour Map–12/27/13 Plains All American Pipeline, L.P. Lea Station	Lea County, New Mexico NW 1/4, Sec. 28, T20S, R37E N 32° 32' 51.3" W 103° 15' 37.0" Elevation: 3,495 feet amsl	DWG By: D. Dominguez February 2014 REVISED: 0 230 460 Feet SHEET 1 of 1	N

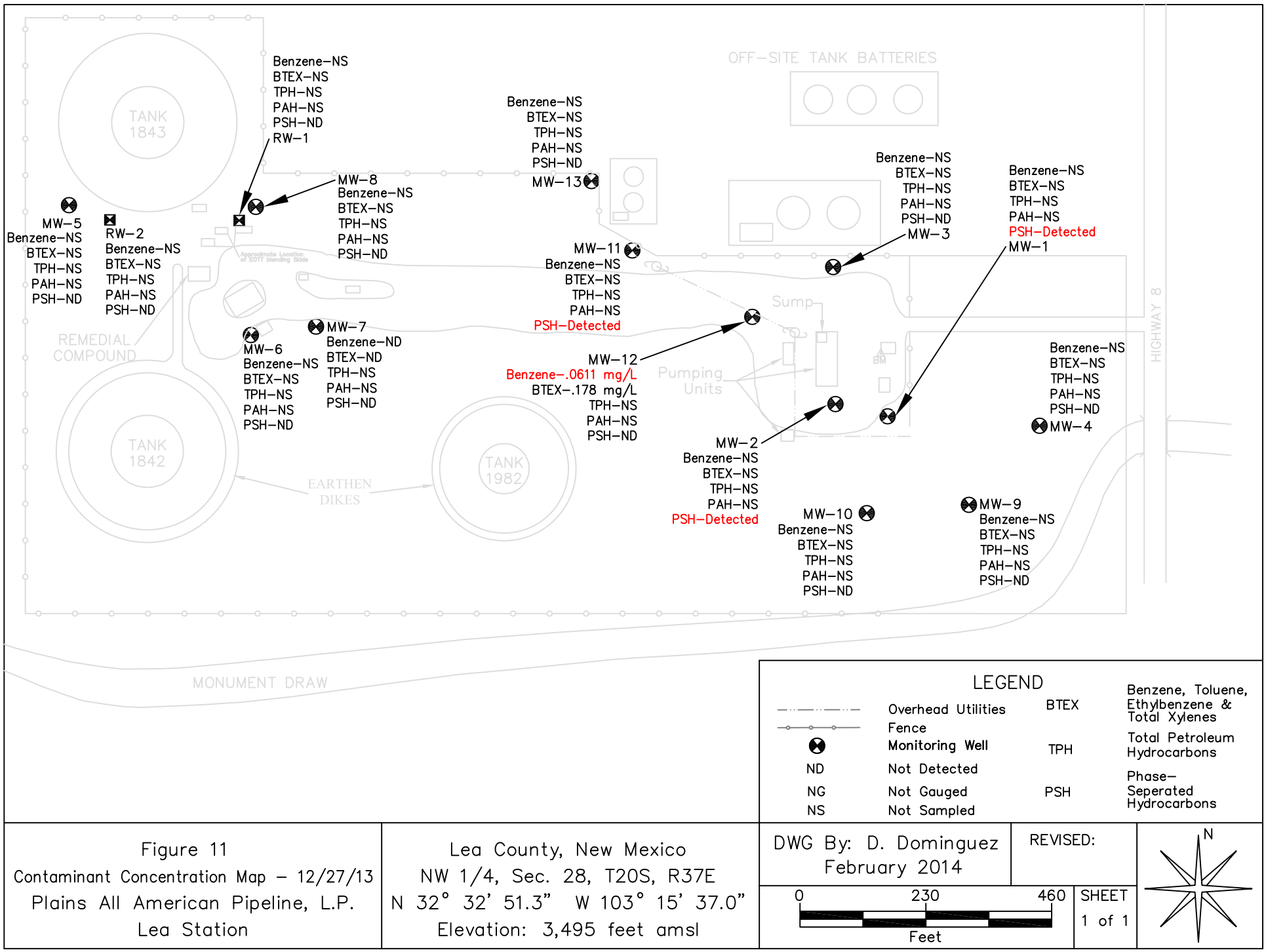

Figure 11
Contaminant Concentration Map – 12/27/13
Plains All American Pipeline, L.P.
Lea Station

Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl

DWG By: D. Dominguez
February 2014

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TABLES

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESS AND MANUAL-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICA PIPELINE, L.P. - LEA STATION MONITORING SYSTEM

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-1	1/28/2011				28.98	71.75				
	2/25/2011				29.17	71.56				
	3/25/2011				30.77	69.96				
	4/29/2011				29.62	71.11				
	5/31/2011				29.80	70.93				
	6/29/2011				30.00	70.73				
	7/29/2011			30.25	30.26	70.48	0.01			
	8/31/2011				30.80	69.93				
	9/30/2011				30.72	70.01				
	10/28/2011				30.83	69.90				
	11/30/2011				29.87	70.86				
	12/30/2011				30.02	70.71				
	01/31/2012				29.98	70.75				
	02/28/2012				29.91	70.82				
	03/30/2012				29.94	70.79				
	04/27/2012				29.97	70.76				
	05/30/2012				30.04	70.69				
	06/27/2012				29.91	70.82				
	07/26/2012				30.15	70.58				
	08/31/2012				30.32	70.41				
	09/27/2012				30.44	70.29				
	10/26/2012				30.34	70.39				
	11/30/2012				30.32	70.41				
	12/27/2012				30.28	70.45				
	01/31/2013		100.73		30.36	70.37				
	02/28/2013		100.73		30.39	70.34				
	03/28/2013		100.73		30.34	70.39				
	04/26/2013		100.73		30.35	70.38				
	05/24/2013		100.73		30.43	70.30				
	06/27/2013		100.73		30.57	70.16				
	07/26/2013		100.73		30.68	70.05				
	08/29/2013		100.73	30.75	30.77	69.98	0.02			
	09/26/2013		100.73	30.85	30.86	69.88	0.01			
	10/31/2013		100.73	30.85	30.86	69.88	0.01			
	11/26/2013		100.73	30.86	30.87	69.87	0.01			
	12/27/2013		100.73	30.83	30.85	69.90	0.02			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESS
AND MANUAL-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICA PIPELINE, L.P. - LEA STATION MONITORING SYSTEM
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-2	1/28/2011				29.71	72.66				
	2/25/2011				29.91	72.46				
	3/25/2011				30.11	70.26				
	4/29/2011				30.39	71.98				
	5/31/2011				30.70	71.67				
	6/29/2011				30.89	71.48				
	7/29/2011				31.02	71.35				
	8/31/2011				31.30	71.07				
	9/30/2011				31.71	70.66				
	10/28/2011				31.67	70.70				
	11/30/2011				30.65	71.72				
	12/30/2011				30.92	71.45				
	01/31/2012				30.71	71.66				
	02/28/2012				30.71	71.66				
	03/30/2012				30.76	71.61				
	04/27/2012				30.76	71.61				
	05/30/2012				30.84	71.53				
	06/27/2012				30.83	71.54				
	07/26/2012				30.98	71.39				
	08/31/2012				31.13	71.24				
	09/27/2012				31.26	71.11				
	10/26/2012				31.27	71.10				
	11/30/2012				31.20	71.17				
	12/27/2012				31.14	71.23				
	01/31/2013		102.37		31.16	71.21				
	02/28/2013		102.37	31.17	31.29	71.19	0.12			
	03/28/2013		102.37	31.13	31.20	71.23	0.07			
	04/26/2013		102.37	31.13	31.23	71.23	0.10			
	05/24/2013		102.37	31.28	31.34	71.08	0.06			
	06/27/2013		102.37	31.38	31.51	70.98	0.13			
	07/26/2013		102.37	31.43	31.61	70.92	0.18			
	08/29/2013		102.37	31.56	31.75	70.79	0.19			
	09/26/2013		102.37	31.65	31.89	70.70	0.24			
	10/31/2013		102.37	31.68	31.89	70.67	0.21			
	11/26/2013		102.37	31.66	31.95	70.68	0.29			
	12/27/2013		102.37	31.61	31.89	70.73	0.28			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESS
AND MANUAL-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICA PIPELINE, L.P. - LEA STATION MONITORING SYSTEM
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-3	1/28/2011				29.41	74.20				
	2/25/2011				29.57	74.04				
	3/25/2011				29.68	73.93				
	4/29/2011				30.34	73.27				
	5/31/2011				30.27	73.34				
	6/29/2011				30.51	73.10				
	7/29/2011				30.86	72.75				
	8/31/2011				31.12	72.49				
	9/30/2011				31.33	72.28				
	10/28/2011				31.44	72.17				
	11/30/2011				30.43	73.18				
	12/30/2011				30.51	73.10				
	01/31/2012				30.47	73.14				
	02/28/2012				30.40	73.21				
	03/30/2012				30.42	73.19				
	04/27/2012				30.43	73.18				
	05/30/2012				30.53	73.08				
	06/27/2012				30.62	72.99				
	07/26/2012				30.74	72.87				
	08/31/2012				30.90	72.71				
	09/27/2012				31.03	72.58				
	10/26/2012				30.94	72.67				
	11/30/2012				30.79	72.82				
	12/27/2012				30.69	72.92				
	01/31/2013		103.61		30.79	72.82				
	02/28/2013		103.61		30.78	72.83				
	03/28/2013		103.61		30.75	72.86				
	04/26/2013		103.61		30.77	72.84				
	05/24/2013		103.61		30.85	72.76				
	06/27/2013		103.61		31.08	72.53				
	07/26/2013		103.61		31.22	72.39				
	08/29/2013		103.61		31.32	72.29				
	09/26/2013		103.61		31.42	72.19				
	10/31/2013		103.61		31.41	72.20				
	11/26/2013		103.61		31.34	72.27				
	12/27/2013		103.61		31.24	72.37				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESS
AND MANUAL-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICA PIPELINE, L.P. - LEA STATION MONITORING SYSTEM
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-4	1/28/2011				26.25	69.83				
	2/25/2011				26.39	69.69				
	3/25/2011				26.52	69.56				
	4/29/2011				26.82	69.26				
	5/31/2011				27.03	69.05				
	6/29/2011				27.27	68.81				
	7/29/2011				27.53	68.55				
	8/31/2011				27.73	68.35				
	9/30/2011				27.94	68.14				
	10/28/2011				28.00	68.08				
	11/30/2011				27.12	68.96				
	12/30/2011				27.18	68.90				
	01/31/2012				27.06	69.02				
	02/28/2012				27.12	68.96				
	03/30/2012				27.11	68.97				
	04/27/2012				27.15	68.93				
	05/30/2012				27.11	68.97				
	06/27/2012				27.10	68.98				
	07/26/2012				27.25	68.83				
	08/31/2012				27.44	68.64				
	09/27/2012				27.56	68.52				
	10/26/2012				27.53	68.55				
	11/30/2012				27.52	68.56				
	12/27/2012				27.51	68.57				
	01/31/2013		96.08		27.54	68.54				
	02/28/2013		96.08		27.54	68.54				
	03/28/2013		96.08		27.51	68.57				
	04/26/2013		96.08		27.53	68.55				
	05/24/2013		96.08		27.59	68.49				
	06/27/2013		96.08		27.71	68.37				
	07/26/2013		96.08		27.64	68.44				
	08/29/2013		96.08		27.87	68.21				
	09/26/2013		96.08		28.02	68.06				
	10/31/2013		96.08		28.10	67.98				
	11/26/2013		96.08		28.10	67.98				
	12/27/2013		96.08		28.08	68.00				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESS
AND MANUAL-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICA PIPELINE, L.P. - LEA STATION MONITORING SYSTEM
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-5	1/28/2011				29.02	80.19				
	2/25/2011				29.24	79.97				
	3/25/2011				29.35	79.86				
	4/29/2011				29.83	79.38				
	5/31/2011				30.03	79.18				
	6/29/2011				30.28	78.93				
	7/29/2011				30.62	78.59				
	8/31/2011				29.92	79.29				
	9/30/2011				31.08	78.13				
	10/28/2011				31.17	78.04				
	11/30/2011				30.16	79.05				
	12/30/2011				30.22	78.99				
	01/31/2012				30.15	79.06				
	02/28/2012				30.11	79.10				
	03/30/2012				30.10	79.11				
	04/27/2012				30.18	79.03				
	05/30/2012				30.21	79.00				
	06/27/2012				30.20	79.01				
	07/26/2012				30.37	78.84				
	08/31/2012				30.57	78.64				
	09/27/2012				30.71	78.50				
	10/26/2012				30.58	78.63				
	11/30/2012				30.45	78.76				
	12/27/2012				30.36	78.85				
	01/31/2013		109.21		30.50	78.71				
	02/28/2013		109.21		30.54	78.67				
	03/28/2013		109.21		30.45	78.76				
	04/26/2013		109.21		30.49	78.72				
	05/24/2013		109.21		30.54	78.67				
	06/27/2013		109.21		30.72	78.49				
	07/26/2013		109.21		30.85	78.36				
	08/29/2013		109.21		30.41	78.80				
	09/26/2013		109.21		30.99	78.22				
	10/31/2013		109.21		30.95	78.26				
	11/26/2013		109.21		30.90	78.31				
	12/27/2013		109.21		30.84	78.37				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESS
AND MANUAL-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICA PIPELINE, L.P. - LEA STATION MONITORING SYSTEM
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-6	1/28/2011				28.03	78.23				
	2/25/2011				28.21	78.05				
	3/25/2011				28.31	77.95				
	4/29/2011				28.73	77.53				
	5/31/2011				28.92	77.34				
	6/29/2011				29.14	77.12				
	7/29/2011				29.45	76.81				
	8/31/2011				29.69	76.57				
	9/30/2011				29.87	76.39				
	10/28/2011				29.95	76.31				
	11/30/2011				28.99	77.27				
	12/30/2011				29.07	77.19				
	01/31/2012				29.02	77.24				
	02/28/2012				28.98	77.28				
	03/30/2012				29.02	77.24				
	04/27/2012				29.04	77.22				
	05/30/2012				29.08	77.18				
	06/27/2012				28.87	77.39				
	07/26/2012				29.16	77.10				
	08/31/2012				29.35	76.91				
	09/27/2012				29.49	76.77				
	10/26/2012				29.25	77.01				
	11/30/2012				29.25	77.01				
	12/27/2012				29.20	77.06				
	01/31/2013		106.26		29.38	76.88				
	02/28/2013		106.26		29.42	76.84				
	03/28/2013		106.26		29.36	76.90				
	04/26/2013		106.26		29.39	76.87				
	05/24/2013		106.26		29.48	76.78				
	06/27/2013		106.26		29.59	76.67				
	07/26/2013		106.26		29.67	76.59				
	08/29/2013		106.26		29.70	76.56				
	09/26/2013		106.26		29.78	76.48				
	10/31/2013		106.26		29.67	76.59				
	11/26/2013		106.26		29.69	76.57				
	12/27/2013		106.26		29.71	76.55				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESS
AND MANUAL-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICA PIPELINE, L.P. - LEA STATION MONITORING SYSTEM
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-7	1/28/2011				28.74	77.53				
	2/25/2011				28.93	77.34				
	3/25/2011				29.03	77.24				
	4/29/2011				29.49	76.78				
	5/31/2011				29.69	76.58				
	6/29/2011				29.95	76.32				
	7/29/2011				30.23	76.04				
	8/31/2011				30.48	75.79				
	9/30/2011				30.67	75.60				
	10/28/2011				30.72	75.55				
	11/30/2011				29.74	76.53				
	12/30/2011				29.82	76.45				
	01/31/2012				29.76	76.51				
	02/28/2012				29.70	76.57				
	03/30/2012				29.75	76.52				
	04/27/2012				29.46	76.81				
	05/30/2012				29.83	76.44				
	06/27/2012				29.82	76.45				
	07/26/2012				29.97	76.30				
	08/31/2012				30.15	76.12				
	09/27/2012				30.28	75.99				
	10/26/2012				30.10	76.17				
	11/30/2012				30.02	76.25				
	12/27/2012				29.95	76.32				
	01/31/2013		106.27		30.10	76.17				
	02/28/2013		106.27		30.14	76.13				
	03/28/2013		106.27		30.08	76.19				
	04/26/2013		106.27		30.09	76.18				
	05/24/2013		106.27		30.19	76.08				
	06/27/2013		106.27		30.34	75.93				
	07/26/2013		106.27		30.45	75.82				
	08/29/2013		106.27		30.51	75.76				
	09/26/2013		106.27		30.58	75.69				
	10/31/2013		106.27		30.53	75.74				
	11/26/2013		106.27		31.49	74.78				
	12/27/2013		106.27		29.45	76.82				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESS
AND MANUAL-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICA PIPELINE, L.P. - LEA STATION MONITORING SYSTEM
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-8	1/28/2011				29.52	77.92				
	2/25/2011				29.72	77.72				
	3/25/2011				29.12	78.32				
	4/29/2011				30.32	77.12				
	5/31/2011				30.54	76.90				
	6/29/2011				30.78	76.66				
	7/29/2011				31.10	76.34				
	8/31/2011				31.38	76.06				
	9/30/2011				31.55	75.89				
	10/28/2011				31.63	75.81				
	11/30/2011				30.58	76.86				
	12/30/2011				30.67	76.77				
	01/31/2012				30.56	76.88				
	02/28/2012				30.55	76.89				
	03/30/2012				30.54	76.90				
	04/27/2012				30.56	76.88				
	05/30/2012				30.63	76.81				
	06/27/2012				30.64	76.80				
	07/26/2012				30.84	76.60				
	08/31/2012				31.01	76.43				
	09/27/2012				31.13	76.31				
	10/26/2012				31.00	76.44				
	11/30/2012				30.87	76.57				
	12/27/2012				30.78	76.66				
	01/31/2013		107.44		30.95	76.49				
	02/28/2013		107.44		30.98	76.46				
	03/28/2013		107.44		30.89	76.55				
	04/26/2013		107.44		30.91	76.53				
	05/24/2013		107.44		31.01	76.43				
	06/27/2013		107.44		31.20	76.24				
	07/26/2013		107.44		31.31	76.13				
	08/29/2013		107.44		31.38	76.06				
	09/26/2013		107.44		31.44	76.00				
	10/31/2013		107.44		31.40	76.04				
	11/26/2013		107.44		31.34	76.10				
	12/27/2013		107.44		31.29	76.15				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESS
AND MANUAL-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICA PIPELINE, L.P. - LEA STATION MONITORING SYSTEM
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-9	1/28/2011				27.66	69.55				
	2/25/2011				27.81	69.40				
	3/25/2011				27.94	69.27				
	4/29/2011				28.25	68.96				
	5/31/2011				28.43	68.78				
	6/29/2011				28.62	68.59				
	7/29/2011				28.84	68.37				
	8/31/2011				29.04	68.17				
	9/30/2011				29.21	68.00				
	10/28/2011				29.30	67.91				
	11/30/2011				28.41	68.80				
	12/30/2011				28.49	68.72				
	01/31/2012				28.47	68.74				
	02/28/2012				28.49	68.72				
	03/30/2012				28.50	68.71				
	04/27/2012				28.53	68.68				
	05/30/2012				28.62	68.59				
	06/27/2012				28.54	68.67				
	07/26/2012				28.71	65.50				
	08/31/2012				28.87	68.34				
	09/27/2012				28.97	68.24				
	10/26/2012				29.00	68.21				
	11/30/2012				28.98	68.23				
	12/27/2012				28.96	68.25				
	01/31/2013		97.21		29.00	68.21				
	02/28/2013		97.21		29.03	68.18				
	03/28/2013		97.21		29.00	68.21				
	04/26/2013		97.21		29.03	68.18				
	05/24/2013		97.21		29.08	68.13				
	06/27/2013		97.21		29.19	68.02				
	07/16/2013		97.21		29.31	67.90				
	08/29/2013		97.21		29.43	67.78				
	09/26/2013		97.21		29.54	67.67				
	10/31/2013		97.21		29.60	67.61				
	11/26/2013		97.21		29.62	67.59				
	12/27/2013		97.21		29.63	67.58				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESS
AND MANUAL-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICA PIPELINE, L.P. - LEA STATION MONITORING SYSTEM
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-10	1/28/2011				33.99	68.52				
	2/25/2011				34.15	68.36				
	3/25/2011				34.27	68.24				
	4/29/2011				34.65	67.86				
	5/31/2011				34.82	67.69				
	6/29/2011				35.04	67.47				
	7/29/2011				35.21	67.30				
	8/31/2011				35.42	67.09				
	9/30/2011				35.63	66.88				
	10/28/2011				35.71	66.80				
	11/30/2011				34.86	67.65				
	12/30/2011				35.00	67.51				
	01/31/2012				34.98	67.53				
	02/28/2012				34.98	67.53				
	03/30/2012				35.00	67.51				
	04/27/2012				35.03	67.48				
	05/30/2012				35.12	67.39				
	06/27/2012				35.26	67.25				
	07/26/2012				35.21	67.30				
	08/31/2012				35.36	67.15				
	09/27/2012				35.47	67.04				
	10/26/2012				35.51	67.00				
	11/30/2012				35.49	67.02				
	12/27/2012				35.51	67.00				
	01/31/2013		102.51		35.55	66.96				
	02/28/2013		102.51		35.58	66.93				
	03/28/2013		102.51		35.59	66.92				
	04/26/2013		102.51		35.57	66.94				
	05/24/2013		102.51		35.63	66.88				
	06/27/2013		102.51		35.72	66.79				
	07/26/2013		102.51		35.85	66.66				
	08/29/2013		102.51		35.96	66.55				
	09/26/2013		102.51		36.08	66.43				
	10/31/2013		102.51		36.15	66.36				
	11/26/2013		102.51		36.20	66.31				
	12/27/2013		102.51		36.27	66.24				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESS
AND MANUAL-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICA PIPELINE, L.P. - LEA STATION MONITORING SYSTEM
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-11	1/28/2011				29.92	75.70				
	2/25/2011				30.07	75.55				
	3/25/2011				30.19	75.43				
	4/29/2011				30.58	75.04				
	5/21/2011				30.85	74.77				
	6/29/2011				31.14	74.48				
	7/29/2011				31.48	74.14				
	8/31/2011				31.71	73.91				
	9/30/2011				31.85	73.77				
	10/28/2011				31.94	73.68				
	11/30/2011				30.91	74.71				
	12/30/2011				30.96	74.66				
	01/31/2012				30.90	74.72				
	02/28/2012				30.84	74.78				
	03/30/2012				30.84	74.78				
	04/27/2012				30.90	74.72				
	05/30/2012				30.99	74.63				
	06/27/2012				31.09	74.53				
	07/26/2012				31.26	74.36				
	08/31/2012				31.45	74.17				
	09/27/2012				31.58	74.04				
	10/26/2012				31.38	74.24				
	11/30/2012				31.23	74.39				
	12/27/2012				31.17	74.45				
	01/31/2013		105.62		31.22	74.40				
	02/28/2013		105.62		31.23	74.39				
	03/28/2013		105.62		31.20	74.42				
	04/26/2013		105.62	31.21	31.22	74.41	0.01			
	05/24/2013		105.62	31.31	31.42	74.30	0.11			
	06/27/2013		105.62	31.57	31.76	74.03	0.19			
	07/26/2013		105.62	31.68	31.79	73.93	0.11			
	08/29/2013		105.62	31.79	31.90	73.82	0.11			
	09/26/2013		105.62	31.89	32.04	73.72	0.15			
	10/31/2013		105.62	31.84	31.90	73.77	0.06			
	11/26/2013		105.62	31.73	31.86	73.88	0.13			
	12/27/2013		105.62	31.64	31.78	73.97	0.14			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESS
AND MANUAL-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICA PIPELINE, L.P. - LEA STATION MONITORING SYSTEM
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-12	1/28/2011				29.41	74.49				
	2/25/2011				29.56	74.34				
	3/25/2011				29.70	74.20				
	4/29/2011				30.02	73.88				
	5/31/2011				30.19	73.71				
	6/29/2011				29.35	74.55				
	7/29/2011				30.68	73.22				
	8/31/2011				30.92	72.98				
	9/30/2011				31.18	72.72				
	10/28/2011				31.30	72.60				
	11/30/2011				30.39	73.51				
	12/30/2011				30.42	73.48				
	01/31/2012				30.44	73.46				
	02/28/2012				30.38	73.52				
	03/30/2012				30.40	73.50				
	04/27/2012				30.42	73.48				
	05/30/2012				30.51	73.39				
	06/27/2012				30.53	73.37				
	07/26/2012				30.61	73.29				
	08/31/2012				30.77	73.13				
	09/27/2012				30.87	73.03				
	10/26/2012				30.82	73.08				
	11/30/2012				30.73	73.17				
	12/27/2012				30.70	73.20				
	01/31/2013		103.90		30.75	73.15				
	02/28/2013		103.90		30.75	73.15				
	03/28/2013		103.90		30.73	73.17				
	04/26/2013		103.90		30.80	73.10				
	05/24/2013		103.90		30.91	72.99				
	06/27/2013		103.90		31.05	72.85				
	07/26/2013		103.90		31.19	72.71				
	08/29/2013		103.90		31.27	72.63				
	09/26/2013		103.90		31.38	72.52				
	10/31/2013		103.90		31.40	72.50				
	11/26/2013		103.90		31.34	72.56				
	12/27/2013		103.90		31.26	72.64				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESS
AND MANUAL-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICA PIPELINE, L.P. - LEA STATION MONITORING SYSTEM
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-13	1/28/2011				27.47	76.42				
	2/25/2011				27.55	76.34				
	3/25/2011				27.66	76.23				
	4/29/2011				28.05	75.84				
	5/31/2011				28.36	75.53				
	6/29/2011				28.76	75.13				
	7/29/2011				29.08	74.81				
	8/31/2011				29.31	74.58				
	9/30/2011				29.37	74.52				
	10/28/2011				29.38	74.51				
	11/30/2011				28.41	75.48				
	12/30/2011				28.38	75.51				
	01/31/2012				28.33	75.56				
	02/28/2012				28.25	75.64				
	03/30/2012				28.22	75.67				
	04/27/2012				28.29	75.60				
	05/30/2012				28.39	75.50				
	06/27/2012				28.57	75.32				
	07/26/2012				28.78	75.11				
	08/31/2012				28.97	74.92				
	09/27/2012				29.26	74.63				
	10/26/2012				28.77	75.12				
	11/30/2012				28.66	75.23				
	12/27/2012				28.60	75.29				
	01/31/2013		103.89		28.63	75.26				
	02/28/2013		103.89		28.59	75.30				
	03/28/2013		103.89		28.59	75.30				
	04/26/2013		103.89		28.62	75.27				
	05/24/2013		103.89		28.69	75.20				
	06/27/2013		103.89		29.07	74.82				
	07/26/2013		103.89		29.14	74.75				
	08/29/2013		103.89		29.30	74.59				
	09/26/2013		103.89		29.41	74.48				
	10/31/2013		103.89		29.24	74.65				
	11/26/2013		103.89		29.12	74.77				
	12/27/2013		103.89		29.05	74.84				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESS
AND MANUAL-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICA PIPELINE, L.P. - LEA STATION MONITORING SYSTEM
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-1	1/28/2011				27.37	79.03				
	2/25/2011				27.53	78.87				
	3/25/2011				27.64	78.76				
	4/29/2011				28.08	78.32				
	5/31/2011				28.28	78.12				
	6/29/2011				28.53	77.87				
	7/29/2011				28.83	77.57				
	8/31/2011				29.10	77.30				
	9/30/2011				29.27	77.13				
	10/28/2011				29.33	77.07				
	11/30/2011				28.31	78.09				
	12/30/2011				28.40	78.00				
	01/31/2012				28.31	78.09				
	02/28/2012				28.25	78.15				
	03/30/2012				28.28	78.12				
	04/27/2012				28.30	78.10				
	05/30/2012				28.37	78.03				
	06/27/2012				28.38	78.02				
	07/26/2012				28.57	77.83				
	08/31/2012				28.76	77.64				
	09/27/2012				28.91	77.49				
	10/26/2012				28.74	77.66				
	11/30/2012				28.59	77.81				
	12/27/2012				28.53	77.87				
	01/31/2013		106.40		28.69	77.71				
	02/28/2013		106.40		28.72	77.68				
	03/28/2013		106.40		28.63	77.77				
	04/26/2013		106.40		28.65	77.75				
	05/24/2013		106.40		28.75	77.65				
	06/27/2013		106.40		28.94	77.46				
	07/26/2013		106.40		29.05	77.35				
	08/29/2013		106.40		29.11	77.29				
	09/26/2013		106.40		29.17	77.23				
	10/31/2013		106.40		29.13	77.27				
	11/26/2013		106.40		29.07	77.33				
	12/27/2013		106.40		29.02	77.38				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESS
AND MANUAL-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICA PIPELINE, L.P. - LEA STATION MONITORING SYSTEM
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-2	1/28/2011				26.96	79.69				
	2/25/2011				27.16	79.49				
	3/25/2011				27.25	79.40				
	4/29/2011				27.69	78.96				
	5/31/2011				27.89	78.76				
	6/29/2011				28.14	78.51				
	7/29/2011				28.47	78.18				
	8/31/2011				28.75	77.90				
	9/30/2011				28.93	77.72				
	10/28/2011				28.99	77.66				
	11/30/2011				28.04	78.61				
	12/30/2011				28.19	78.46				
	01/31/2012				28.05	78.60				
	02/28/2012				27.99	78.66				
	03/30/2012				27.98	78.67				
	04/27/2012				27.97	78.68				
	05/30/2012				28.06	78.59				
	06/27/2012				28.09	78.56				
	07/26/2012				28.23	78.42				
	08/31/2012				28.40	78.25				
	09/27/2012				28.55	78.10				
	10/26/2012				28.42	78.23				
	11/30/2012				28.31	78.34				
	12/27/2012				28.24	78.41				
	01/31/2013		106.65		28.35	78.30				
	02/28/2013		106.65		28.39	78.26				
	03/28/2013		106.65		28.35	78.30				
	4/26/2013		106.65		28.32	78.33				
	5/24/2013		106.65		28.40	78.25				
	6/27/2013		106.65		28.56	78.09				
	7/26/2013		106.65		28.70	77.95				
	8/29/2013		106.65		28.25	78.40				
	9/26/2013		106.65		28.83	77.82				
	10/31/2013		106.65		28.81	77.84				
	11/26/2013		106.65		28.75	77.90				
	12/27/2013		106.65		28.71	77.94				

* Measured from a relative datum (benckmark = 100 feet).

** Correction Equation for Phase-Separated Hydrocarbons: Corrected Groundwater Elevation = Top of Casing Elevation - [Depth to Water Below Top of Casing - (SG)(PSH Thickness)].
Specific Gravity (SG) = 0.9 for crude oil.

Note 1: Total recovery: 0.00 gallons by manual means.

Note 2: The SVE System blower failed on 3/12/98. The system was reactivated on 4/15/99.

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICAN PIPELINE, L. P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-1	3/25/11	**0.372**	ND	0.0416	ND	0.414				
	6/29/11	**0.398**	ND	0.0855	0.101	0.585				
	9/30/11	**0.368**	ND	0.0582	ND	0.426				
	12/30/11	**0.313**	ND	0.0810	ND	0.394				
	3/30/12	**0.313**	ND	0.0578	ND	0.371				
	6/27/12	**0.254**	ND	0.0573	ND	0.311				
	9/27/12	**0.288**	ND	0.0514	0.0130	0.352				
	12/27/12	**0.267**	ND	0.0458	0.0179	0.331				
	3/28/13	**0.205**	ND	0.0397	0.0140	0.259				
	6/27/13	**0.444**	ND	0.0963	0.0112	0.552				
	9/26/13	**Not Sampled due to PSH**								
	12/27/13	**Not Sampled due to PSH**								
MW-2	3/25/11	**1.61**	ND	0.246	0.128	1.98				
	6/29/11	**2.01**	ND	0.292	0.185	**2.49**				
	9/30/11	**1.83**	ND	0.285	0.266	**2.38**				
	12/30/11	**1.94**	ND	0.338	0.235	**2.51**				
	3/30/12	**1.95**	ND	0.347	0.426	**2.72**				
	6/27/12	**1.30**	ND	0.213	0.129	1.64				
	9/27/12	**1.77**	ND	0.164	0.124	2.06				
	12/27/12	**1.53**	ND	0.179	0.135	1.84				
	3/28/13	**1.30**	ND	0.146	0.151	1.60				
	6/27/13	**Not Sampled due to PSH**								
	9/26/13	**Not Sampled due to PSH**								
	12/27/13	**Not Sampled due to PSH**								
MW-3	3/25/11	**1.00**	ND	0.183	0.087	1.27				
	6/29/11	**0.368**	ND	0.0915	ND	0.460				
	9/30/11	**1.52**	ND	0.310	0.142	1.97				
	12/30/11	**1.35**	ND	0.381	0.184	1.92				
	3/30/12	**1.70**	ND	0.468	0.233	**2.40**				
	6/27/12	**1.64**	ND	0.508	0.319	**2.47**				
	9/27/12	**1.61**	ND	0.329	0.231	**2.17**				
	12/27/12	**1.90**	ND	0.474	0.321	**2.70**				
	3/28/13	**1.64**	ND	0.331	0.205	2.08				
	6/27/13	**3.07**	ND	0.640	0.500	**4.21**				
	9/26/13	**1.91**	ND	0.527	0.483	**2.92**				
	12/27/13	Not Sampled								
MW-4	3/25/11	Not Sampled A								
	6/29/11	ND	ND	ND	ND	ND				
	9/30/11	Not Sampled A								
	12/30/11	ND	ND	ND	ND	ND				
	12/27/12	ND	ND	ND	ND	ND				
	3/28/13	ND	ND	ND	ND	ND				
	6/27/13	Not Sampled [A]								
	9/26/13	Not Sampled [A]								
	12/27/13	Not Sampled [A]								

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICAN PIPELINE, L. P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-5	3/25/11	Not Sampled [A]								
	6/29/11	Not Sampled [A]								
	9/30/11	Not Sampled [A]								
	12/30/11	Not Sampled [A]								
	3/30/12	Not Sampled [A]								
	6/27/12	Not Sampled [A]								
	9/27/12	Not Sampled [A]								
	12/27/12	Not Sampled [A]								
	3/28/13	Not Sampled [A]								
	6/27/13	Not Sampled [A]								
	9/26/13	Not Sampled [A]								
	12/27/13	Not Sampled [A]								
MW-6	3/25/11	Not Sampled [A]								
	6/29/11	Not Sampled [A]								
	9/30/11	Not Sampled [A]								
	12/30/11	Not Sampled [A]								
	3/30/12	Not Sampled [A]								
	6/27/12	Not Sampled [A]								
	9/27/12	Not Sampled [A]								
	12/27/12	Not Sampled [A]								
	3/28/13	Not Sampled [A]								
	6/27/13	Not Sampled [A]								
	9/26/13	Not Sampled [A]								
	12/27/13	Not Sampled [A]								
MW-7	3/25/11	Not Sampled								
	6/29/11	0.00335	ND	0.00445	ND	0.0078				
	9/30/11	Not Sampled								
	12/30/11	**0.0148**	ND	0.0149	0.00386	0.0336				
	3/30/12	**0.0116**	ND	0.0150	0.00552	0.0321				
	6/27/12	0.00883	ND	0.00788	0.00337	0.0201				
	9/27/12	0.00211	ND	0.00141	ND	0.00352				
	12/27/12	**0.0243**	ND	0.0172	0.00656	0.04810				
	3/28/13	**0.0208**	ND	0.0105	0.00575	0.03710				
	6/27/13	0.0073	ND	0.0059	0.00398	0.01720				
	9/26/13	**0.0488**	ND	0.9850	0.02550	0.17300				
	12/27/13	ND	ND	ND	ND	ND				

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICAN PIPELINE, L. P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-8	3/25/11	Not Sampled [A]								
	6/29/11	Not Sampled [A]								
	9/30/11	Not Sampled [A]								
	12/30/11	Not Sampled [A]								
	3/30/12	Not Sampled [A]								
	6/27/12	Not Sampled [A]								
	9/27/12	Not Sampled [A]								
	12/27/12	Not Sampled [A]								
	3/28/13	Not Sampled [A]								
	6/27/13	Not Sampled [A]								
	9/26/13	Not Sampled [A]								
	12/27/13	Not Sampled [A]								
MW-9	3/25/11	Not Sampled								
	6/29/11	ND	ND	ND	ND	ND				
	9/30/11	Not Sampled								
	12/30/11	ND	ND	ND	ND	ND				
	12/27/12	ND	ND	ND	ND	ND				
	3/28/13	ND	ND	ND	ND	ND				
	6/27/13	Not Sampled [A]								
	9/26/13	Not Sampled [A]								
	12/27/13	Not Sampled [A]								
MW-10	3/25/11	Not Sampled								
	6/29/11	ND	ND	ND	ND	ND				
	9/30/11	Not Sampled								
	12/30/11	ND	ND	ND	ND	ND				
	12/27/12	ND	ND	ND	ND	ND				
	3/28/13	ND	ND	ND	ND	ND				
	6/27/13	Not Sampled [A]								
	9/26/13	Not Sampled [A]								
	12/27/13	Not Sampled [A]								
MW-11	3/25/11	**0.832**	ND	0.243	ND	1.08				
	6/29/11	**0.906**	ND	0.236	0.061	1.20				
	9/30/11	**1.70**	ND	0.492	ND	**2.19**				
	12/30/11	**1.44**	ND	0.437	ND	1.88				
	3/30/12	**0.947**	ND	0.428	0.158	1.53				
	6/27/12	**0.994**	ND	0.235	ND	1.23				
	9/27/12	**2.07**	ND	0.340	0.0410	**2.45**				
	12/27/12	**1.55**	ND	0.333	0.0437	1.93				
	3/28/13	**1.02**	ND	0.203	0.0318	1.25				
	6/27/13	**Not Sampled due to PSH**								
	9/26/13	**1.13**	ND	1.490	0.753	**3.37**				
	12/27/13	**Not Sampled due to PSH**								

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICAN PIPELINE, L. P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-12	3/25/11	Not Sampled								
	6/29/11	**0.04**	ND	0.0442	ND	0.0842				
	9/30/11	Not Sampled								
	12/30/11	**0.0618**	ND	0.108	ND	0.170				
	3/30/12	**0.0349**	ND	0.0742	0.00494	0.114				
	6/27/12	**0.0276**	ND	0.0460	ND	0.0736				
	9/27/12	**0.0142**	ND	0.0322	0.00216	0.0486				
	12/27/12	**0.0287**	ND	0.0477	0.00787	0.0843				
	3/28/13	**0.0316**	ND	0.0521	0.00865	0.0924				
	6/27/13	**0.1030**	0.00315	0.1580	0.0117	0.2760				
	9/26/13	**0.0819**	ND	0.1940	0.032	0.3080				
	12/27/13	**0.0611**	ND	0.1090	0.00789	0.1780				
MW-13	3/25/11	Not Sampled [A]								
	6/29/11	Not Sampled [A]								
	9/30/11	Not Sampled [A]								
	12/30/11	Not Sampled [A]								
	3/30/12	Not Sampled [A]								
	6/27/12	Not Sampled [A]								
	9/27/12	Not Sampled [A]								
	12/27/12	Not Sampled [A]								
	3/28/13	Not Sampled [A]								
	6/27/13	Not Sampled [A]								
	9/26/13	Not Sampled [A]								
	12/27/13	Not Sampled [A]								
RW-1	3/25/11	Not Sampled [A]								
	6/29/11	Not Sampled [A]								
	9/30/11	Not Sampled [A]								
	12/30/11	Not Sampled [A]								
	3/30/12	Not Sampled [A]								
	6/27/12	Not Sampled [A]								
	9/27/12	Not Sampled [A]								
	12/27/12	Not Sampled [A]								
	3/28/13	Not Sampled [A]								
	6/27/13	Not Sampled [A]								
	9/26/13	Not Sampled [A]								
	12/27/13	Not Sampled [A]								
NMWQCC Groundwater Standards		**0.01**	**0.75**	**0.75**	**0.62**	**2.13**				

Bold Numbers indicate concentrations elevated above NMWQCC Groundwater Standards

mg/L = milligrams per liter

ND = None Detected

If the cell is blank, analysis was not performed.

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

TABLE 3

PAH CONCENTRATIONS IN GROUNDWATER

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA MONITORING STATION

NW 1/4 OF SECTION 28, T20S, R37E OF **LEA COUNTY, NEW MEXICO**

Monitor Well	Date Sampled	Acenaphthene (ug/L)	Acenaphthylene (ug/L)	Anthracene (ug/L)	Benzo(a)anthracene (ug/L)	Benzo(a)pyrene (ug/L)	Benzo(b)fluoranthene (ug/L)	Benzo(g,h,i)perylene (ug/L)	Benzo(j,k)fluoranthene (ug/L)	Chrysene (ug/L)	Dibenz(a,h)anthracene (ug/L)	Fluoranthene (ug/L)	Fluorene (ug/L)	Indenol(1,2,3-cd)pyrene (ug/L)	1-Methylnapthlene (ug/L)	2-Methylnapthlene (ug/L)	Naphthalene (ug/L)	Phenanthrene (ug/L)	Pyrene (ug/L)
MW-1	12/30/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	
MW-2	12/30/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.4	ND	ND	ND	ND
	12/27/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.00720**	ND	ND	**0.0392**	0.0172	0.0135	**0.0154**	ND
	12/27/13	NOT SAMPLED																	
MW-3	12/30/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**12.0**	ND	**22.6**	ND	ND
	12/27/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0299	0.0173	0.00913	ND	ND	ND
	12/27/13	NOT SAMPLED																	
MW-4	12/30/11	NOT SAMPLED																	
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	
MW-5	12/30/11	NOT SAMPLED																	
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	
MW-6	12/30/11	NOT SAMPLED																	
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	
MW-7	12/30/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	
MW-8	12/30/11	NOT SAMPLED																	
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	
MW-9	12/30/11	NOT SAMPLED																	
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	
MW-10	12/30/11	NOT SAMPLED																	
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	
MW-11	12/30/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	
MW-12	12/30/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	
MW-13	12/30/11	NOT SAMPLED																	
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	
NMWQCC Groundwater Standards				**0.001**		**0.0007**	**0.001**		**0.001**			**0.001**	**0.001**		**0.03**	**0.03**	**0.03**	**0.001**	**0.001**

ND = Not Detected

NA = Not Analyzed

TABLE 4

Summary of Groundwater Sampling Recommendations for 2014

Plains All American Pipeline, L.P. Lea Station - Ref. #2003-00339

Lea County, New Mexico

Monitoring Well	Eight Quarters Below	Sampling Schedule				Notes
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	
RW-1					BTEX	Recommend Annual BTEX analysis
RW-2					BTEX	Recommend Annual BTEX analysis
MW-1	No	BTEX	BTEX	BTEX	BTEX	
MW-2	No	BTEX	BTEX	BTEX	BTEX, PAH	Recommend Annual PAH analysis
MW-3	No	BTEX	BTEX	BTEX	BTEX, PAH	Recommend Annual PAH analysis
MW-4	Yes		BTEX		BTEX	
MW-5	Yes				BTEX	Recommend Annual BTEX analysis
MW-6	Yes				BTEX	Recommend Annual BTEX analysis
MW-7	No	BTEX	BTEX	BTEX	BTEX	
MW-8	Yes		BTEX		BTEX	
MW-9	Yes		BTEX		BTEX	
MW-10	Yes		BTEX		BTEX	
MW-11	No	BTEX	BTEX	BTEX	BTEX	
MW-12	No	BTEX	BTEX	BTEX	BTEX	
MW-13	Yes		BTEX		BTEX	

APPENDIX A

Laboratory Analytical Results and Chain-of-Custody Forms

Analytical Report 460192

for

PLAINS ALL AMERICAN EH&S

Project Manager: David Duncan

Lea Station (2003-00339)

01-APR-13

Collected By: Client

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

01-APR-13

Project Manager: **David Duncan**
PLAINS ALL AMERICAN EH&S
1301 S. COUNTY ROAD 1150
Midland, TX 79706

Reference: XENCO Report No(s): **460192**
Lea Station (2003-00339)
Project Address: NW1/4, Sec.28, T20S, R37E

David Duncan:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 460192. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 460192 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Nicholas Straccione
Project Manager

Sample Cross Reference 460192

PLAINS ALL AMERICAN EH&S, Midland, TX

Lea Station (2003-00339)

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-1(Vials)	W	03-28-13 07:29	N/A	460192-001
MW-2(Vials)	W	03-28-13 07:45	N/A	460192-002
MW-3(Vials)	W	03-28-13 08:14	N/A	460192-003
MW-4(Vials)	W	03-28-13 06:40	N/A	460192-004
MW-7(Vials)	W	03-28-13 09:15	N/A	460192-005
MW-9(Vials)	W	03-28-13 07:05	N/A	460192-006
MW-10(Vials)	W	03-28-13 07:18	N/A	460192-007
MW-11(Vials)	W	03-28-13 08:35	N/A	460192-008
MW-12(Vials)	W	03-28-13 09:40	N/A	460192-009

CASE NARRATIVE

Client Name: PLAINS ALL AMERICAN EH&S

Project Name: Lea Station (2003-00339)

Project ID:
Work Order Number(s): *460192*

Report Date: *01-APR-13*
Date Received: *03/28/2013*

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 460192

PLAINS ALL AMERICAN EH&S, Midland, TX

Project Name: Lea Station (2003-00339)

Project Id:
Contact: David Duncan
Project Location: NW1/4, Sec.28, T20S, R37E

Date Received in Lab: Thu Mar-28-13 03:11 pm
Report Date: 01-APR-13
Project Manager: Nicholas Straccione

Analysis Requested													
	Lab Id:	460192-001		460192-002		460192-003		460192-004		460192-005		460192-006	
	Field Id:	MW-1(Vials)		MW-2(Vials)		MW-3(Vials)		MW-4(Vials)		MW-7(Vials)		MW-9(Vials)	
	Depth:	N/A		N/A		N/A		N/A		N/A		N/A	
	Matrix:	WATER		WATER		WATER		WATER		WATER		WATER	
	Sampled:	Mar-28-13 07:29		Mar-28-13 07:45		Mar-28-13 08:14		Mar-28-13 06:40		Mar-28-13 09:15		Mar-28-13 07:05	
BTEX by EPA 8021B	***Extracted:***	Mar-28-13 16:10		Mar-28-13 16:10		Mar-28-13 16:10		Mar-28-13 16:10		Mar-28-13 16:10		Mar-28-13 16:10	
	Analyzed:	Mar-29-13 00:28		Mar-29-13 07:55		Mar-29-13 08:28		Mar-28-13 23:55		Mar-29-13 00:12		Mar-29-13 01:01	
	Units/RL:	mg/L	RL	mg/L	RL	mg/L	RL	mg/L	RL	mg/L	RL	mg/L	RL
Benzene		0.205	0.00100	1.30	0.0100	1.64	0.0100	ND	0.00100	0.0208	0.00100	ND	0.00100
Toluene		ND	0.00200	ND	0.0200	ND	0.0200	ND	0.00200	ND	0.00200	ND	0.00200
Ethylbenzene		0.0397	0.00100	0.146	0.0100	0.331	0.0100	ND	0.00100	0.0105	0.00100	ND	0.00100
m_p-Xylenes		0.00845	0.00200	0.134	0.0200	0.205	0.0200	ND	0.00200	0.00575	0.00200	ND	0.00200
o-Xylene		0.00553	0.00100	0.0174	0.0100	ND	0.0100	ND	0.00100	ND	0.00100	ND	0.00100
Total Xylenes		0.0140	0.00100	0.151	0.0100	0.205	0.0100	ND	0.00100	0.00575	0.00100	ND	0.00100
Total BTEX		0.259	0.00100	1.60	0.0100	2.18	0.0100	ND	0.00100	0.0371	0.00100	ND	0.00100

Nicholas Straccione
Project Manager

Certificate of Analysis Summary 460192

PLAINS ALL AMERICAN EH&S, Midland, TX

Project Name: Lea Station (2003-00339)

Project Id:
Contact: David Duncan
Project Location: NW1/4, Sec.28, T20S, R37E

Date Received in Lab: Thu Mar-28-13 03:11 pm
Report Date: 01-APR-13
Project Manager: Nicholas Straccione

Analysis Requested											
	Lab Id:	460192-007		460192-008		460192-009					
	Field Id:	MW-10(Vials)		MW-11(Vials)		MW-12(Vials)					
	Depth:	N/A		N/A		N/A					
	Matrix:	WATER		WATER		WATER					
	Sampled:	Mar-28-13 07:18		Mar-28-13 08:35		Mar-28-13 09:40					
BTEX by EPA 8021B	***Extracted:***	Mar-28-13 16:10		Mar-28-13 16:10		Mar-28-13 16:10					
	Analyzed:	Mar-29-13 01:17		Mar-29-13 08:11		Mar-29-13 07:39					
	Units/RL:	mg/L	RL	mg/L	RL	mg/L	RL				
Benzene		ND	0.00100	1.02	0.0100	0.0316	0.00100				
Toluene		ND	0.00200	ND	0.0200	ND	0.00200				
Ethylbenzene		ND	0.00100	0.203	0.0100	0.0521	0.00100				
m_p-Xylenes		ND	0.00200	0.0318	0.0200	0.00865	0.00200				
o-Xylene		ND	0.00100	ND	0.0100	ND	0.00100				
Total Xylenes		ND	0.00100	0.0318	0.0100	0.00865	0.00100				
Total BTEX		ND	0.00100	1.25	0.0100	0.0924	0.00100				

Nicholas Straccione
Project Manager

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantiation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

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9701 Harry Hines Blvd , Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210) 509-3335
2505 North Falkenburg Rd, Tampa, FL 33619	(813) 620-2000	(813) 620-2033
12600 West I-20 East, Odessa, TX 79765	(432) 563-1800	(432) 563-1713
6017 Financial Drive, Norcross, GA 30071	(770) 449-8800	(770) 449-5477
3725 E. Atlanta Ave, Phoenix, AZ 85040	(602) 437-0330	

Form 2 - Surrogate Recoveries

Project Name: Lea Station (2003-00339)

Work Orders : 460192,

Project ID:

Lab Batch #: 910140 **Sample:** 460192-004 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/28/13 23:55

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0326	0.0300	109	80-120	
4-Bromofluorobenzene	0.0326	0.0300	109	80-120	

Lab Batch #: 910140 **Sample:** 460192-005 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/29/13 00:12

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0335	0.0300	112	80-120	
4-Bromofluorobenzene	0.0300	0.0300	100	80-120	

Lab Batch #: 910140 **Sample:** 460192-001 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/29/13 00:28

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0308	0.0300	103	80-120	
4-Bromofluorobenzene	0.0312	0.0300	104	80-120	

Lab Batch #: 910140 **Sample:** 460192-006 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/29/13 01:01

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0335	0.0300	112	80-120	
4-Bromofluorobenzene	0.0306	0.0300	102	80-120	

Lab Batch #: 910140 **Sample:** 460192-007 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/29/13 01:17

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0278	0.0300	93	80-120	
4-Bromofluorobenzene	0.0274	0.0300	91	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Lea Station (2003-00339)

Work Orders : 460192,

Project ID:

Lab Batch #: 910140 **Sample:** 460192-009 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/29/13 07:39

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0310	0.0300	103	80-120	
4-Bromofluorobenzene	0.0287	0.0300	96	80-120	

Lab Batch #: 910140 **Sample:** 460192-002 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/29/13 07:55

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0339	0.0300	113	80-120	
4-Bromofluorobenzene	0.0243	0.0300	81	80-120	

Lab Batch #: 910140 **Sample:** 460192-008 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/29/13 08:11

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0311	0.0300	104	80-120	
4-Bromofluorobenzene	0.0297	0.0300	99	80-120	

Lab Batch #: 910140 **Sample:** 460192-003 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/29/13 08:28

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0343	0.0300	114	80-120	
4-Bromofluorobenzene	0.0302	0.0300	101	80-120	

Lab Batch #: 910140 **Sample:** 635836-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/28/13 21:11

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0309	0.0300	103	80-120	
4-Bromofluorobenzene	0.0257	0.0300	86	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Lea Station (2003-00339)

Work Orders : 460192,

Project ID:

Lab Batch #: 910140 **Sample:** 635836-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/28/13 20:39

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0309	0.0300	103	80-120	
4-Bromofluorobenzene	0.0304	0.0300	101	80-120	

Lab Batch #: 910140 **Sample:** 635836-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/28/13 20:55

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0328	0.0300	109	80-120	
4-Bromofluorobenzene	0.0300	0.0300	100	80-120	

Lab Batch #: 910140 **Sample:** 460151-001 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/28/13 21:44

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0336	0.0300	112	80-120	
4-Bromofluorobenzene	0.0302	0.0300	101	80-120	

Lab Batch #: 910140 **Sample:** 460151-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/28/13 22:00

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0296	0.0300	99	80-120	
4-Bromofluorobenzene	0.0327	0.0300	109	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

BS / BSD Recoveries

Project Name: Lea Station (2003-00339)

Work Order #: 460192 **Project ID:**

Analyst: KEB **Date Prepared:** 03/28/2013 **Date Analyzed:** 03/28/2013

Lab Batch ID: 910140 **Sample:** 635836-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00100	0.100	0.0933	93	0.100	0.0971	97	4	70-125	25	
Toluene	<0.00200	0.100	0.0901	90	0.100	0.0963	96	7	70-125	25	
Ethylbenzene	<0.00100	0.100	0.0830	83	0.100	0.0866	87	4	71-129	25	
m_p-Xylenes	<0.00200	0.200	0.169	85	0.200	0.178	89	5	70-131	25	
o-Xylene	<0.00100	0.100	0.0930	93	0.100	0.0941	94	1	71-133	25	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS / MSD Recoveries

Project Name: Lea Station (2003-00339)

Work Order # : 460192 **Project ID:**

Lab Batch ID: 910140 **QC- Sample ID:** 460151-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 03/28/2013 **Date Prepared:** 03/28/2013 **Analyst:** KEB

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00100	0.100	0.0891	89	0.100	0.0905	91	2	70-125	25	
Toluene	<0.00200	0.100	0.0906	91	0.100	0.0880	88	3	70-125	25	
Ethylbenzene	<0.00100	0.100	0.0816	82	0.100	0.0779	78	5	71-129	25	
m_p-Xylenes	<0.00200	0.200	0.163	82	0.200	0.151	76	8	70-131	25	
o-Xylene	<0.00100	0.100	0.0910	91	0.100	0.0844	84	8	71-133	25	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Environmental Plus, Inc.

P.O. Box 1588, 2100 Avenue "O", Eunice, New Mexico 88231
Office; (575) 394-3481; FAX; (575) 394-2601

Chain of Custody Form

LAB - XENCO

Company Name	**Environmental Plus, Inc.**
EPI Project Manager	**David P. Duncan**
Mailing Address	**P.O. BOX 1558**
City, State, Zip	**Eunice New Mexico 88231**
EPI Phone#/Fax#	**575-394-3481 / 575-394-2601**
Client Company	**Plains All American**
Facility Name	**Lea Station (2003-00339)**
Project Location	**NW1/4, Sec.28, T20S, R37E**
EPI Sampler Name	**Kirby Bingham**

Remit Invoice To:

PLAINS ALL AMERICAN PIPELINE, L.P.

Attn: ENV Accounts Receivable
PO Box 4648,
Houston, TX 77210-4648

460192

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^{=}$)	pH	TCLP	OTHER >>>	PAH
1	MW-1 (vials)	G	4	X						X	X		28-Mar-13	7:29	X							
2	MW-2 (vials)	G	4	X						X	X		28-Mar-13	7:45	X							
3	MW-3 (vials)	G	4	X						X	X		28-Mar-13	8:14	X							
4	MW-4 (vials)	G	4	X						X	X		28-Mar-13	6:40	X							
5	MW-7 (vials)	G	4	X						X	X		28-Mar-13	9:15	X							
6	MW-9 (vials)	G	4	X						X	X		28-Mar-13	7:05	X							
7	MW-10 (vials)	G	4	X						X	X		28-Mar-13	7:18	X							
8	MW-11 (vials)	G	4	X						X	X		28-Mar-13	8:35	X							
9	MW-12 (vials)	G	4	X						X	X		28-Mar-13	9:40	X							
10																						

Sampler Relinquished: Kirby Bingham	3/28/2013 Time 10:30	Received By:	E-mail results to: dduncanepi@gmail.com and Jhenry@paalp.com
Relinquished by:	3/28/2013 Time 15:11	Received By: (lab staff)	6.0
Delivered by:	Sample Cool & Intact Yes / No	Checked By:	

Final 1.000

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: PLAINS ALL AMERICAN EH&S

Date/ Time Received: 03/28/2013 03:11:00 PM

Work Order #: 460192

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used :

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	6
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**Yes**
#5 Custody Seals intact on sample bottles?	**Yes**
#6 *Custody Seals Signed and dated?	**Yes**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**Yes**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**Yes**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**Yes**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**Yes**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: _____ Date: _____

Checklist reviewed by: _____ Date: _____

Analytical Report 465952

for

PLAINS ALL AMERICAN EH&S

Project Manager: David Duncan

Lea Station (2003-00339)

03-JUL-13

Collected By: Client

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

03-JUL-13

Project Manager: **David Duncan**
PLAINS ALL AMERICAN EH&S
1301 S. COUNTY ROAD 1150
Midland, TX 79706

Reference: XENCO Report No(s): **465952**
Lea Station (2003-00339)
Project Address: NW1/4, Sec.28, T20S, R37E

David Duncan:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 465952. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 465952 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Kelsey Brooks
Project Manager

Sample Cross Reference 465952

PLAINS ALL AMERICAN EH&S, Midland, TX

Lea Station (2003-00339)

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-1(Vials)	W	06-27-13 07:11	N/A	465952-001
MW-3(Vials)	W	06-27-13 07:45	N/A	465952-002
MW-7(Vials)	W	06-27-13 08:20	N/A	465952-003
MW-12(Vials)	W	06-27-13 08:55	N/A	465952-004

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 465952

PLAINS ALL AMERICAN EH&S, Midland, TX

Project Name: Lea Station (2003-00339)

Project Id:
Contact: David Duncan
Project Location: NW1/4, Sec.28, T20S, R37E

Date Received in Lab: Fri Jun-28-13 03:00 pm
Report Date: 03-JUL-13
Project Manager: Kelsey Brooks

Analysis Requested													
	Lab Id:	465952-001		465952-002		465952-003		465952-004					
	Field Id:	MW-1(Vials)		MW-3(Vials)		MW-7(Vials)		MW-12(Vials)					
	Depth:	N/A		N/A		N/A		N/A					
	Matrix:	WATER		WATER		WATER		WATER					
	Sampled:	Jun-27-13 07:11		Jun-27-13 07:45		Jun-27-13 08:20		Jun-27-13 08:55					
BTEX by EPA 8021B	***Extracted:***	Jul-02-13 15:30		Jul-02-13 15:30		Jul-02-13 15:30		Jul-02-13 15:30					
	Analyzed:	Jul-03-13 11:09		Jul-03-13 11:56		Jul-03-13 09:49		Jul-03-13 10:05					
	Units/RL:	mg/L	RL	mg/L	RL	mg/L	RL	mg/L	RL				
Benzene		0.444	0.00500	3.07	0.0100	0.00730	0.00100	0.103	0.00100				
Toluene		ND	0.0100	ND	0.0200	ND	0.00200	0.00315	0.00200				
Ethylbenzene		0.0963	0.00500	0.640	0.0100	0.00593	0.00100	0.158	0.00100				
m,p-Xylenes		0.0112	0.0100	0.500	0.0200	0.00398	0.00200	0.0117	0.00200				
o-Xylene		ND	0.00500	ND	0.0100	ND	0.00100	ND	0.00100				
Total Xylenes		0.0112	0.00500	0.500	0.0100	0.00398	0.00100	0.0117	0.00100				
Total BTEX		0.552	0.00500	4.21	0.0100	0.0172	0.00100	0.276	0.00100				

Kelsey Brooks
Project Manager

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantiation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

Form 2 - Surrogate Recoveries

Project Name: Lea Station (2003-00339)

Work Orders : 465952,

Project ID:

Lab Batch #: 917708 **Sample:** 465952-003 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 07/03/13 09:49

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0350	0.0300	117	80-120	
4-Bromofluorobenzene	0.0247	0.0300	82	80-120	

Lab Batch #: 917708 **Sample:** 465952-004 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 07/03/13 10:05

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0333	0.0300	111	80-120	
4-Bromofluorobenzene	0.0307	0.0300	102	80-120	

Lab Batch #: 917708 **Sample:** 465952-001 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 07/03/13 11:09

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0309	0.0300	103	80-120	
4-Bromofluorobenzene	0.0241	0.0300	80	80-120	

Lab Batch #: 917708 **Sample:** 465952-002 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 07/03/13 11:56

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0338	0.0300	113	80-120	
4-Bromofluorobenzene	0.0273	0.0300	91	80-120	

Lab Batch #: 917708 **Sample:** 640597-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 07/02/13 20:32

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0359	0.0300	120	80-120	
4-Bromofluorobenzene	0.0249	0.0300	83	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Lea Station (2003-00339)

Work Orders : 465952,

Project ID:

Lab Batch #: 917708 **Sample:** 640597-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 07/02/13 19:44

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0298	0.0300	99	80-120	
4-Bromofluorobenzene	0.0245	0.0300	82	80-120	

Lab Batch #: 917708 **Sample:** 640597-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 07/02/13 20:00

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0296	0.0300	99	80-120	
4-Bromofluorobenzene	0.0245	0.0300	82	80-120	

Lab Batch #: 917708 **Sample:** 465713-014 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 07/02/13 23:26

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0283	0.0300	94	80-120	
4-Bromofluorobenzene	0.0253	0.0300	84	80-120	

Lab Batch #: 917708 **Sample:** 465713-014 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 07/02/13 23:42

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0308	0.0300	103	80-120	
4-Bromofluorobenzene	0.0252	0.0300	84	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

BS / BSD Recoveries

Project Name: Lea Station (2003-00339)

Work Order #: 465952 **Project ID:**

Analyst: DYV **Date Prepared:** 07/02/2013 **Date Analyzed:** 07/02/2013

Lab Batch ID: 917708 **Sample:** 640597-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00100	0.100	0.117	117	0.100	0.115	115	2	70-125	25	
Toluene	<0.00200	0.100	0.0920	92	0.100	0.0918	92	0	70-125	25	
Ethylbenzene	<0.00100	0.100	0.0819	82	0.100	0.0813	81	1	71-129	25	
m,p-Xylenes	<0.00200	0.200	0.162	81	0.200	0.160	80	1	70-131	25	
o-Xylene	<0.00100	0.100	0.0838	84	0.100	0.0814	81	3	71-133	25	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS / MSD Recoveries

Project Name: Lea Station (2003-00339)

Work Order # : 465952 **Project ID:**

Lab Batch ID: 917708 **QC- Sample ID:** 465713-014 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 07/02/2013 **Date Prepared:** 07/02/2013 **Analyst:** DYV

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	0.00449	0.100	0.119	115	0.100	0.119	115	0	70-125	25	
Toluene	<0.00200	0.100	0.0938	94	0.100	0.0929	93	1	70-125	25	
Ethylbenzene	<0.00100	0.100	0.0812	81	0.100	0.0807	81	1	71-129	25	
m,p-Xylenes	<0.00200	0.200	0.161	81	0.200	0.160	80	1	70-131	25	
o-Xylene	<0.00100	0.100	0.0818	82	0.100	0.0820	82	0	71-133	25	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

Environmental Plus, Inc.

P.O. Box 1588, 2100 Avenue "O", Eunice, New Mexico 88231
Office; (575) 394-3481; FAX; (575) 394-2601

Chain of Custody Form

LAB - XENCO

Company Name	Environmental Plus, Inc.
EPI Project Manager	David P. Duncan
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	575-394-3481 / 575-394-2601
Client Company	Plains All American
Facility Name	Lea Station (2003-00339)
Project Location	NW1/4, Sec.28, T20S, R37E
EPI Sampler Name	Kirby Bingham

Remit Invoice To:

PLAINS ALL AMERICAN PIPELINE, L.P.

Attn: ENV Accounts Receivable
PO Box 4648,
Houston, TX 77210-4648

ANALYSIS REQUEST

LAB I.D.	SAMPLE I.D. 465952	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^=$)	pH	TCLP	OTHER >>>	PAH			
1	MW-1 (Vials)	G	4	X						X	X		27-Jun-13	7:11	X										
2	MW-3 (Vials)	G	4	X						X	X		27-Jun-13	7:45	X										
3	MW-7 (Vials)	G	4	X						X	X		27-Jun-13	8:20	X										
4	MW-12 (Vials)	G	4	X						X	X		27-Jun-13	8:55	X										
5																									
6																									
7																									
8																									
9																									
10																									

Sampler Relinquished: Kirby Bingham	6/27/2013 Time 7:00 am	Received By:	E-mail results to: dduncanepi@gmail.com and Jhenry@paalp.com
Relinquished by:	6/28/2013 Time 15:00	Received By: (lab staff)	6.0 Standard TAT
Delivered by:	Sample Cool & Intact Yes No	Checked By:	

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: PLAINS ALL AMERICAN EH&S

Date/ Time Received: 06/28/2013 03:00:00 PM

Work Order #: 465952

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used :

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	6
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**Yes**
#5 Custody Seals intact on sample bottles?	**Yes**
#6 *Custody Seals Signed and dated?	**Yes**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**Yes**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**Yes**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**Yes**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**Yes**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: Kelsey Brooks Date: 06/28/2013

Checklist reviewed by: Kelsey Brooks Date: 06/28/2013

Analytical Report 471193

for

Environmental Plus, Incorporated

Project Manager: David P. Duncan

Lea Station

SRS#2003-00339

02-OCT-13

Collected By: Client

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-13-15-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

02-OCT-13

Project Manager: **David P. Duncan**
Environmental Plus, Incorporated
P.O. Box 1558
Eunice, NM 88231

Reference: XENCO Report No(s): **471193**
Lea Station
Project Address: New Mexico

David P. Duncan:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 471193. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 471193 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Kelsey Brooks
Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America

Sample Cross Reference 471193

Environmental Plus, Incorporated, Eunice, NM

Lea Station

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-3	W	09-26-13 07:10		471193-001
MW-7	W	09-26-13 07:40		471193-002
MW-11	W	09-26-13 08:05		471193-003
MW-12	W	09-26-13 08:37		471193-004

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 471193

Environmental Plus, Incorporated, Eunice, NM

Project Name: Lea Station

Project Id: SRS#2003-00339
Contact: David P. Duncan
Project Location: New Mexico

Date Received in Lab: Thu Sep-26-13 09:25 am
Report Date: 02-OCT-13
Project Manager: Kelsey Brooks

Analysis Requested													
	Lab Id:	471193-001		471193-002		471193-003		471193-004					
	Field Id:	MW-3		MW-7		MW-11		MW-12					
	Depth:												
	Matrix:	WATER		WATER		WATER		WATER					
	Sampled:	Sep-26-13 07:10		Sep-26-13 07:40		Sep-26-13 08:05		Sep-26-13 08:37					
BTEX by EPA 8021	***Extracted:***	Sep-30-13 14:00		Sep-30-13 14:00		Sep-30-13 14:00		Sep-30-13 14:00					
	Analyzed:	Sep-30-13 19:07		Sep-30-13 17:18		Sep-30-13 19:23		Sep-30-13 17:50					
	Units/RL:	mg/L	RL	mg/L	RL	mg/L	RL	mg/L	RL				
Benzene		1.91	0.0100	0.0488	0.00100	1.13	0.0100	0.0819	0.00100				
Toluene		ND	0.0200	ND	0.00200	ND	0.0200	ND	0.00200				
Ethylbenzene		0.527	0.0100	0.0985	0.00100	1.49	0.0100	0.194	0.00100				
m_p-Xylenes		0.483	0.0200	0.0241	0.00200	0.584	0.0200	0.0269	0.00200				
o-Xylene		ND	0.0100	0.00136	0.00100	0.169	0.0100	0.00512	0.00100				
Xylenes, Total		0.483	0.0100	0.0255	0.00100	0.753	0.0100	0.0320	0.00100				
Total BTEX		2.92	0.0100	0.173	0.00100	3.37	0.0100	0.308	0.00100				

Kelsey Brooks
Project Manager

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantiation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

\+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

Form 2 - Surrogate Recoveries

Project Name: Lea Station

Work Orders : 471193, **Project ID:** SRS#2003-00339

Lab Batch #: 924141 **Sample:** 471193-002 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 09/30/13 17:18 **SURROGATE RECOVERY STUDY**

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0279	0.0300	93	80-120	
4-Bromofluorobenzene	0.0303	0.0300	101	80-120	

Lab Batch #: 924141 **Sample:** 471193-004 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 09/30/13 17:50 **SURROGATE RECOVERY STUDY**

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0261	0.0300	87	80-120	
4-Bromofluorobenzene	0.0286	0.0300	95	80-120	

Lab Batch #: 924141 **Sample:** 471193-001 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 09/30/13 19:07 **SURROGATE RECOVERY STUDY**

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0276	0.0300	92	80-120	
4-Bromofluorobenzene	0.0305	0.0300	102	80-120	

Lab Batch #: 924141 **Sample:** 471193-003 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 09/30/13 19:23 **SURROGATE RECOVERY STUDY**

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0287	0.0300	96	80-120	
4-Bromofluorobenzene	0.0317	0.0300	106	80-120	

Lab Batch #: 924141 **Sample:** 644702-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 09/30/13 16:46 **SURROGATE RECOVERY STUDY**

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0313	0.0300	104	80-120	
4-Bromofluorobenzene	0.0278	0.0300	93	80-120	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Lea Station

Work Orders : 471193,

Project ID: SRS#2003-00339

Lab Batch #: 924141 **Sample:** 644702-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 09/30/13 15:59

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0308	0.0300	103	80-120	
4-Bromofluorobenzene	0.0321	0.0300	107	80-120	

Lab Batch #: 924141 **Sample:** 644702-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 09/30/13 16:15

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0309	0.0300	103	80-120	
4-Bromofluorobenzene	0.0310	0.0300	103	80-120	

Lab Batch #: 924141 **Sample:** 471215-001 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 09/30/13 19:55

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0307	0.0300	102	80-120	
4-Bromofluorobenzene	0.0309	0.0300	103	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

BS / BSD Recoveries

Project Name: Lea Station

Work Order #: 471193 **Project ID:** SRS#2003-00339

Analyst: ARM **Date Prepared:** 09/30/2013 **Date Analyzed:** 09/30/2013

Lab Batch ID: 924141 **Sample:** 644702-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00100	0.100	0.119	119	0.100	0.112	112	6	70-125	25	
Toluene	<0.00200	0.100	0.116	116	0.100	0.110	110	5	70-125	25	
Ethylbenzene	<0.00100	0.100	0.109	109	0.100	0.104	104	5	71-129	25	
m_p-Xylenes	<0.00200	0.200	0.219	110	0.200	0.209	105	5	70-131	25	
o-Xylene	<0.00100	0.100	0.110	110	0.100	0.105	105	5	71-133	25	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS Recoveries

Project Name: Lea Station

Work Order #: 471193
Lab Batch #: 924141
Project ID: SRS#2003-00339
Date Analyzed: 09/30/2013
Date Prepared: 09/30/2013
Analyst: ARM
QC- Sample ID: 471215-001 S
Batch #: 1
Matrix: Water
Reporting Units: mg/L

MATRIX / MATRIX SPIKE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Benzene	<0.00100	0.100	0.109	109	70-125	
Toluene	<0.00200	0.100	0.107	107	70-125	
Ethylbenzene	<0.00100	0.100	0.100	100	71-129	
m_p-Xylenes	<0.00200	0.200	0.199	100	70-131	
o-Xylene	<0.00100	0.100	0.100	100	71-133	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference [E] = 200*(C-A)/(C+B)
All Results are based on MDL and Validated for QC Purposes

BRL - Below Reporting Limit

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Environmental Plus, Incorporated

Date/ Time Received: 09/26/2013 09:25:00 AM

Work Order #: 471193

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used :

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	9.4
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6 *Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**No**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**No**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**Yes**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: Candace James Date: 09/27/2013
Candace James

Checklist reviewed by: Kelsey Brooks Date: 09/27/2013
Kelsey Brooks

Environmental Plus, Inc.

471193

Chain of Custody Form

P.O. Box 1588, 2100 Avenue "O", Eunice, New Mexico 88231
Office; (575) 394-3481; FAX; (575) 394-2601

LAB - XENCO Hobbs, N.M.)

Company Name	Environmental Plus, Inc.
EPI Project Manager	David P. Duncan
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	575-394-3481 / 575-394-2601
Client Company	Plains All American
Facility Name	Lea Station (2003-00339)
Project Location	NW1/4, Sec.28, T20S, R37E
EPI Sampler Name	Kirby Bingham

Remit Invoice To:

PLAINS ALL AMERICAN PIPELINE, L.P.

Attn: ENV Accounts Receivable
PO Box 4648,
Houston, TX 77210-4648

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES ($SO_4^{=}$)	pH	TCLP	OTHER >>>	PAH
1	MW-3 (Vials)	G	4	X						X	X		26-Sep-13	7:10 AM	X							
2	MW-7 (Vials)	G	4	X						X	X		26-Sep-13	7:40 AM	X							
3	MW- 11 (Vials)	G	4	X						X	X		26-Sep-13	8:05 AM	X							
4	MW-12 (Vials)	G	4	X						X	X		26-Sep-13	8:37 AM	X							
5																						
6																						
7																						
8																						
9																						
10																						

Sampler Relinquished: K Bingham	9/26/2013 Time	Received By: K Butterms	E-mail results to: dduncanepi@gmail.com
Relinquished by: K Bingham	9/26/2013 Time 9:25Am	Received By: (lab staff) Andrea Jones	
Delivered by: K Bingham	9.4 Sample Cool & Intact Yes (No)	Checked By:	

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Environmental Plus, Incorporated

Date/ Time Received: 09/26/2013 09:25:00 AM

Work Order #: 471193

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used :

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	9.4
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6 *Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**No**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**No**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**Yes**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: Candace James Date: 09/27/2013
Candace James

Checklist reviewed by: Kelsey Brooks Date: 09/27/2013
Kelsey Brooks

Analytical Report 476635

for

PLAINS ALL AMERICAN EH&S

Project Manager: Daniel Dominguez

Lea Station

SRS#2003-00339

07-JAN-14

Collected By: Client

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-13-15-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

07-JAN-14

Project Manager: **Daniel Dominguez**
PLAINS ALL AMERICAN EH&S
1301 S. COUNTY ROAD 1150
Midland, TX 79706

Reference: XENCO Report No(s): **476635**
Lea Station
Project Address: New Mexico

Daniel Dominguez:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 476635. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 476635 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Kelsey Brooks
Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America

Sample Cross Reference 476635

PLAINS ALL AMERICAN EH&S, Midland, TX

Lea Station

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-7	W	12-27-13 09:18		476635-001
MW-12	W	12-27-13 09:40		476635-002

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Hits Summary 476635

PLAINS ALL AMERICAN EH&S, Midland, TX

Lea Station

Sample Id : **MW-12**
Lab Sample Id : 476635-002

Matrix : Water
Date Collected : 12.27.13 09.40
Date Received : 12.28.13 16.00

% Moisture :

Analytical Method : BTEX by EPA 8021
Seq Number 931463

Prep Method: SW5030B
Date Prep: 01.06.14 17.00

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.0611	mg/L	01.06.14 20.53		1
Ethylbenzene	100-41-4	0.109	mg/L	01.06.14 20.53		1
m_p-Xylenes	179601-23-1	0.00789	mg/L	01.06.14 20.53		1
Xylenes, Total	1330-20-7	0.00789	mg/L	01.06.14 20.53		1
Total BTEX		0.178	mg/L	01.06.14 20.53		1

Certificate of Analysis Summary 476635

PLAINS ALL AMERICAN EH&S, Midland, TX

Project Name: Lea Station

Project Id: SRS#2003-00339
Contact: Daniel Dominguez
Project Location: New Mexico

Date Received in Lab: Sat Dec-28-13 04:00 pm
Report Date: 07-JAN-14
Project Manager: Kelsey Brooks

Analysis Requested							
	Lab Id:	476635-001		476635-002			
	Field Id:	MW-7		MW-12			
	Depth:						
	Matrix:	WATER		WATER			
	Sampled:	Dec-27-13 09:18		Dec-27-13 09:40			
BTEX by EPA 8021	***Extracted:***	Jan-02-14 15:00		Jan-06-14 17:00			
	Analyzed:	Jan-03-14 04:15		Jan-06-14 20:53			
	Units/RL:	mg/L	RL	mg/L	RL		
Benzene		ND	0.00100	0.0611	0.00100		
Toluene		ND	0.00200	ND	0.00200		
Ethylbenzene		ND	0.00100	0.109	0.00100		
m_p-Xylenes		ND	0.00200	0.00789	0.00200		
o-Xylene		ND	0.00100	ND	0.00100		
Xylenes, Total		ND	0.00100	0.00789	0.00100		
Total BTEX		ND	0.00100	0.178	0.00100		

Kelsey Brooks
Project Manager

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

Form 2 - Surrogate Recoveries

Project Name: Lea Station

Work Orders : 476635,

Project ID: SRS#2003-00339

Lab Batch #: 931370 **Sample:** 476635-001 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/03/14 04:15

SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0277	0.0300	92	80-120	
4-Bromofluorobenzene	0.0258	0.0300	86	80-120	

Lab Batch #: 931463 **Sample:** 476635-002 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/06/14 20:53

SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0287	0.0300	96	80-120	
4-Bromofluorobenzene	0.0273	0.0300	91	80-120	

Lab Batch #: 931370 **Sample:** 649279-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/03/14 00:37

SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0287	0.0300	96	80-120	
4-Bromofluorobenzene	0.0250	0.0300	83	80-120	

Lab Batch #: 931463 **Sample:** 649400-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/06/14 20:22

SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0285	0.0300	95	80-120	
4-Bromofluorobenzene	0.0255	0.0300	85	80-120	

Lab Batch #: 931370 **Sample:** 649279-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/02/14 23:19

SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0311	0.0300	104	80-120	
4-Bromofluorobenzene	0.0291	0.0300	97	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Lea Station

Work Orders : 476635,

Project ID: SRS#2003-00339

Lab Batch #: 931463 **Sample:** 649400-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/06/14 19:03

SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0322	0.0300	107	80-120	
4-Bromofluorobenzene	0.0296	0.0300	99	80-120	

Lab Batch #: 931370 **Sample:** 649279-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/02/14 23:35

SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0318	0.0300	106	80-120	
4-Bromofluorobenzene	0.0286	0.0300	95	80-120	

Lab Batch #: 931463 **Sample:** 649400-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/06/14 19:19

SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0324	0.0300	108	80-120	
4-Bromofluorobenzene	0.0298	0.0300	99	80-120	

Lab Batch #: 931370 **Sample:** 476742-009 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/02/14 23:50

SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0320	0.0300	107	80-120	
4-Bromofluorobenzene	0.0282	0.0300	94	80-120	

Lab Batch #: 931463 **Sample:** 476877-001 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/06/14 19:35

SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0312	0.0300	104	80-120	
4-Bromofluorobenzene	0.0337	0.0300	112	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Lea Station

Work Orders : 476635,

Project ID: SRS#2003-00339

Lab Batch #: 931370 **Sample:** 476742-009 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/03/14 00:06

SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0317	0.0300	106	80-120	
4-Bromofluorobenzene	0.0283	0.0300	94	80-120	

Lab Batch #: 931463 **Sample:** 476877-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/06/14 19:51

SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0313	0.0300	104	80-120	
4-Bromofluorobenzene	0.0338	0.0300	113	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

BS / BSD Recoveries

Project Name: Lea Station

Work Order #: 476635 **Project ID:** SRS#2003-00339

Analyst: ARM **Date Prepared:** 01/02/2014 **Date Analyzed:** 01/02/2014

Lab Batch ID: 931370 **Sample:** 649279-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00100	0.100	0.106	106	0.100	0.104	104	2	70-125	25	
Toluene	<0.00200	0.100	0.105	105	0.100	0.102	102	3	70-125	25	
Ethylbenzene	<0.00100	0.100	0.102	102	0.100	0.0997	100	2	71-129	25	
m_p-Xylenes	<0.00200	0.200	0.205	103	0.200	0.201	101	2	70-131	25	
o-Xylene	<0.00100	0.100	0.104	104	0.100	0.102	102	2	71-133	25	

Analyst: ARM **Date Prepared:** 01/06/2014 **Date Analyzed:** 01/06/2014

Lab Batch ID: 931463 **Sample:** 649400-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00100	0.100	0.102	102	0.100	0.105	105	3	70-125	25	
Toluene	<0.00200	0.100	0.102	102	0.100	0.105	105	3	70-125	25	
Ethylbenzene	<0.00100	0.100	0.0999	100	0.100	0.102	102	2	71-129	25	
m_p-Xylenes	<0.00200	0.200	0.199	100	0.200	0.206	103	3	70-131	25	
o-Xylene	<0.00100	0.100	0.101	101	0.100	0.104	104	3	71-133	25	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS / MSD Recoveries

Project Name: Lea Station

Work Order # : 476635 **Project ID:** SRS#2003-00339

Lab Batch ID: 931370 **QC- Sample ID:** 476742-009 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 01/02/2014 **Date Prepared:** 01/02/2014 **Analyst:** ARM

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00100	0.100	0.103	103	0.100	0.0997	100	3	70-125	25	
Toluene	<0.00200	0.100	0.104	104	0.100	0.101	101	3	70-125	25	
Ethylbenzene	<0.00100	0.100	0.101	101	0.100	0.0983	98	3	71-129	25	
m_p-Xylenes	<0.00200	0.200	0.202	101	0.200	0.198	99	2	70-131	25	
o-Xylene	<0.00100	0.100	0.101	101	0.100	0.0996	100	1	71-133	25	

Lab Batch ID: 931463 **QC- Sample ID:** 476877-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 01/06/2014 **Date Prepared:** 01/06/2014 **Analyst:** ARM

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	0.00420	0.100	0.121	117	0.100	0.120	116	1	70-125	25	
Toluene	0.00246	0.100	0.119	117	0.100	0.118	116	1	70-125	25	
Ethylbenzene	0.0135	0.100	0.127	114	0.100	0.123	110	3	71-129	25	
m_p-Xylenes	0.00663	0.200	0.242	118	0.200	0.238	116	2	70-131	25	
o-Xylene	0.00292	0.100	0.127	124	0.100	0.125	122	2	71-133	25	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: PLAINS ALL AMERICAN EH&S

Date/ Time Received: 12/28/2013 04:00:00 PM

Work Order #: 476635

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used :

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	2
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**Yes**
#5 Custody Seals intact on sample bottles?	**Yes**
#6 *Custody Seals Signed and dated?	**Yes**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**Yes**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**No**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**Yes**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: Julian Martinez Date: 12/30/2013

Checklist reviewed by: Julian Martinez Date: 12/30/2013

Environmental Plus, Inc.

P.O. Box 1588, 2100 Avenue "O", Eunice, New Mexico 88231
Office; (575) 394-3481; FAX; (575) 394-2601

Chain of Custody Form

LAB - XENCO

476635

Company Name	Environmental Plus, Inc.
EPI Project Manager	Daniel Dominguez
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	575-394-3481 / 575-394-2601
Client Company	Plains Pipeline, L.P.
Facility Name	Lea Station (2003-00339)
Project Location	NW1/4, Sec.28, T20S, R37E
EPI Sampler Name	Kirby Bingham

Remit Invoice To:

PLAINS ALL AMERICAN PIPELINE, L.P.
Attn: ENV Accounts Receivable
PO Box 4648,
Houston, TX 77210-4648

LAB I.D.		SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	MATRIX: WASTEWATER	MATRIX: SOIL	MATRIX: CRUDE OIL	MATRIX: SLUDGE	MATRIX: OTHER:	PRESERV.: ACID/BASE	PRESERV.: ICE/COOL	PRESERV.: OTHER	SAMPLING: DATE	SAMPLING: TIME	ANALYSIS REQUEST: BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^=$)	pH	TCLP	OTHER >>>	PAH				
476635	1	MW-7 (Vials)	G	4	X						X	X		27-Dec-13	9:18	X											
↓	2	MW-12 (Vials)	G	4	X						X	X		27-Dec-13	9:40	X											
	3																										
	4																										
	5																										
	6																										
	7																										
	8																										
	9																										
	10																										

Sampler Relinquished: Kirby Bingham	12/27/2013 Time	Received By: [signature] 12/27/13	E-mail results to: ddominguezepi@gmail.com & cjbryant@paalp.com
Relinquished by: Kirby Bingham	12/27/2013 Time	Received By: (lab staff) Julian Martinez 12-28-13	
Delivered by: Kirby Bingham	J.D. Sample Cool & Intact: Yes (circled) No	Checked By:	

~~ice~~ samples Temp 2°C

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: PLAINS ALL AMERICAN EH&S

Date/ Time Received: 12/28/2013 04:00:00 PM

Work Order #: 476635

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used :

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	2
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**Yes**
#5 Custody Seals intact on sample bottles?	**Yes**
#6 *Custody Seals Signed and dated?	**Yes**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**Yes**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**No**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**Yes**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: Julian Martinez Date: 12/30/2013

Checklist reviewed by: Julian Martinez Date: 12/30/2013

APPENDIX B

Complete Versions of Tables 1, 2, and 3 with Data collected from 1995 – 2013 (Attached CD at end of this Report)

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-1	10/17/95	98.88	100.73	32.52	33.16	68.15	0.64			
	2/7/96			30.39	30.39	70.34	0.00			
	4/3/96									
	6/12/96			30.22	30.22	70.51	0.00			
	6/20/96			31.35	31.35	69.38	0.00			
	6/27/96			31.51	31.51	69.22	0.00			
	7/5/96			30.67	30.67	70.06	0.00			
	7/18/96			30.69	30.69	70.04	0.00			
	8/1/96			30.86	30.86	69.87	0.00			
	10/2/96			28.06	28.06	72.67	0.00			
	10/9/97			31.73	31.73	69.00	0.00	0.25		Absorptive Boom
	11/8/97	98.88	100.73		31.73	69.00	0.00	0.10	12.96	Absorptive Boom/Hand Bail
	1/22/98			31.65	31.84	69.06	0.19		12.96	
	2/18/98			31.52	31.60	69.20	0.08		12.96	
	4/2/98			31.51	31.74	69.20	0.23	2.50	15.46	Absorptive Boom/Hand Bail
	5/5/98			31.31	31.37	69.41	0.06	2.50	17.96	Absorptive Boom/Hand Bail
	7/7/98			32.30	32.64	68.40	0.34	3.00	20.96	Absorptive Boom/Hand Bail
	10/2/98			31.81	32.25	68.88	0.44	2.00	22.96	Absorptive Boom/Hand Bail
	1/14/99			32.02	32.20	68.69	0.18	1.50	24.46	Absorptive Boom/Hand Bail
	4/15/99			31.57	31.98	69.12	0.41		24.46	
	7/13/99			31.10	31.55	69.59	0.45	1.50	25.96	Absorptive Boom/Hand Bail
	8/11/99			31.48	32.00	69.20	0.52	1.50	27.46	Absorptive Boom/Hand Bail
	9/22/99			31.68	31.90	69.03	0.22	0.25	27.71	Absorptive Boom/Hand Bail
	10/28/99			31.16	31.26	69.56	0.10	1.75	29.46	Absorptive Boom/Hand Bail
	11/23/99			31.16	31.26	69.56	0.10	0.25	29.71	Absorptive Boom
	12/17/99				31.29	69.44	0.00	0.25	29.96	Absorptive Boom
	1/13/00				31.30	69.43	0.00	0.25	30.21	Absorptive Boom
	2/15/00				31.33	69.40	0.00	0.25	29.46	Absorptive Boom
	3/31/00				31.41	69.32	0.00	0.25	30.46	Absorptive Boom
	4/27/00				31.32	69.41	0.00		30.46	Absorptive Boom
	5/31/00				31.73	69.00	0.00	0.25	30.71	Absorptive Boom
	6/30/00				31.47	69.26	0.00		30.71	Absorptive Boom
	7/13/00				30.53	70.20	0.00	0.25	30.96	Absorptive Boom
	8/30/00				31.40	69.33	0.00		30.96	Absorptive Boom
	9/21/00				31.82	68.91	0.00		30.96	Absorptive Boom
	10/3/00				31.95	68.78	0.00		30.96	Absorptive Boom
	11/29/00			32.00	32.07	68.72	0.07	0.25	31.21	Absorptive Boom
	12/13/00				31.90	68.83	0.00	0.25	31.46	Absorptive Boom
	1/3/01				31.85	68.88	0.00	0.25	31.71	Absorptive Boom
	2/6/01				31.83	68.90	0.00	0.25	31.96	Absorptive Boom
	3/15/01				31.75	68.98	0.00	0.25	32.21	Absorptive Boom
	4/5/01				31.68	69.05	0.00	0.25	32.46	Absorptive Boom
	5/3/01				31.76	68.97	0.00	0.25	32.71	Absorptive Boom
	6/2/01				32.00	68.73	0.00	0.25	32.96	Absorptive Boom
	7/10/01			32.19	32.32	68.53	0.13	0.25	33.21	Absorptive Boom
	10/2/01			31.62	31.63	69.11	0.01	0.50	33.71	Absorptive Boom
	1/28/02				31.57	69.16	0.00	0.25	33.96	Absorptive Boom
	2/25/02				31.48	69.25	0.00	0.25	34.21	Absorptive Boom
	3/25/02				31.42	69.31	0.00	0.00	34.21	Absorptive Boom
	4/10/02				31.05	69.68	0.00	0.00	34.21	Absorptive Boom
	5/16/02				31.04	69.69	0.00	0.00	34.46	Absorptive Boom
	6/17/02				31.12	69.61	0.00	0.00	34.46	Absorptive Boom
	7/2/02				30.88	69.85	0.00	0.00	34.46	Absorptive Boom
	9/10/02				30.50	70.23	0.00	0.00	34.46	Absorptive Boom
	10/8/02				30.65	70.08	0.00	0.00	34.46	Absorptive Boom
	11/8/02				29.91	70.82	0.00	0.00	34.46	Absorptive Boom
	1/28/03				30.49	70.24	0.00	0.00	34.46	Absorptive Boom
	4/2/03				30.60	70.13	0.00	0.00	34.46	Absorptive Boom
	5/10/03									
	6/26/03				30.90	69.83	0.00	0.50	34.96	Absorptive Boom
	7/8/03				31.11	69.62	0.00	0.00	34.46	Absorptive Boom
	8/20/03									

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-1 (cont.)	9/30/03									
	10/31/03									
	11/12/03									
	12/18/03				32.10	68.63	0.00	0.00	34.46	Absorptive Boom
	1/21/04									
	3/1/04									
	5/6/04				29.30	71.43	0.00	0.00	34.46	Absorptive Boom
	5/21/04				29.20	71.53	0.00	0.00	34.46	Absorptive Boom
	6/3/04				29.42	71.31	0.00	0.00	34.46	Absorptive Boom
	6/18/04				29.50	71.23	0.00	0.00	34.46	Absorptive Boom (Changed Out)
	7/12/04				29.36	71.37	0.00	0.00	34.46	Absorptive Boom (Changed Out)
	7/23/04				29.48	71.25	0.00	0.00	34.46	Absorptive Boom
	9/3/04				29.57	71.16	0.00	0.00	34.46	Absorptive Boom (Changed Out)
	9/24/04				29.75	70.98	0.00	0.00	34.46	Absorptive Boom
	9/30/04				28.51	72.22	0.00	0.00		Absorptive Boom (Changed Out)
	10/15/04				29.15	71.58	0.00	0.00		Absorptive Boom
	11/9/04				27.65	73.08	0.00	0.00		Absorptive Boom
	11/19/04				27.63	73.10	0.00	0.00		Absorptive Boom
	12/7/04				27.44	73.29	0.00	0.00		Absorptive Boom (Changed Out)
	12/17/04				27.51	73.22	0.00	0.00		Absorptive Boom
	1/7/05				27.52	73.21	0.00	0.00		Absorptive Boom
	2/21/05				27.55	73.18	0.00	0.00		Absorptive Boom
	3/29/05				27.56	73.17	0.00	0.00		Absorptive Boom
	4/22/05				27.73	73.00	0.00	0.00		
	5/6/05				27.56	73.17	0.00	0.00		
	5/23/05				27.61	73.12	0.00	0.00		
	8/16/05				27.89	72.84	0.00	0.00		
	10/5/05	98.88			27.54	73.19	0.00	0.00		
	11/18/05				27.35	73.38	0.00	0.00		
	1/11/06		100.37		27.35	73.38	0.00	0.00		
	2/17/06				27.66	73.07	0.00	0.00		
	3/15/06				27.61	73.12	0.00	0.00		
	4/11/06				28.18	72.55	0.00	0.00		
	5/23/06				27.72	73.01	0.00	0.00		
	8/9/06				27.84	72.89	0.00	0.00		
	9/27/06				26.95	73.78	0.00	0.00		Sock OK
	10/18/06				27.08	73.65	0.00	0.00		
	11/22/06				27.16	73.57	0.00	0.00		Flipped sock
	12/14/06				27.25	73.48	0.00	0.00		Sock OK
	1/11/07				27.32	73.41	0.00	0.00		Installed new sock
	3/31/07				27.23	73.5	0.00	0.00		
	8/1/07				27.15	73.58	0.00	0.00		
	12/13/07				27.08	73.65	0.00	0.00		
	1/10/08				27.11	73.26				
	2/18/08				26.40	73.97				
	3/31/08				27.44	72.93				Cjanged sock
	4/28/08				27.55	72.82				
	5/29/08				27.56	72.81				
	6/30/08				27.81	72.56				
	7/29/08				27.98	72.39				
	8/29/08				28.17	72.2				Flipped sock
	9/30/08		100.73		27.72	73.01				color
	10/31/08				27.75	72.98				
	11/26/08				27.81	72.92				
	12/30/08				27.90	72.83				
	1/30/09				28.07	72.66				
	2/26/09				28.00	72.73				
	3/31/09				28.18	72.55				
	4/30/09				28.19	72.54				
	5/29/09				28.34	72.39				
	6/26/09				28.41	72.32				
	7/31/09				28.49	72.24				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-1 (cont.)	8/28/09				28.66	72.07				
	9/25/09				28.84	71.89				
	10/30/09				29.11	71.89				
	11/27/09				29.16	71.57				
	12/21/09				29.28	71.45				
	1/29/10				28.98	71.75				
	2/26/10				29.38	71.35				
	3/26/10				29.20	71.53				
	4/30/10				29.21	71.52				
	5/27/10				29.31	71.42				
	6/30/10				28.91	71.82				
	7/30/10				27.05	73.68				
	8/26/10				27.81	72.92				
	9/28/10				28.15	72.58				
	10/29/10				28.41	72.32				
	11/29/10				28.59	72.14				
	12/29/10				28.64	72.09				
	1/28/11				28.98	71.75				
	2/25/11				29.17	71.56				
	3/25/11				30.77	69.96				
	4/29/11				29.62	71.11				
	5/31/11				29.80	70.93				
	6/29/11				30.00	70.73				
	7/29/11			30.25	30.26	70.48	0.01			
	8/31/11				30.80	69.93				
	9/30/11				30.72	70.01				
	10/28/11				30.83	69.90				
	11/30/11				29.87	70.86				
	12/30/11		100.73		30.02	70.71				
	1/31/12				29.98	70.75				
	2/28/12				29.91	70.82				
	3/30/12				29.94	70.79				
	4/27/12				29.97	70.76				
	5/30/12				30.04	70.69				
	6/27/12				29.91	70.82				
	7/26/12				30.15	70.58				
	8/31/12				30.32	70.41				
	9/27/12				30.44	70.29				
	10/26/12				30.34	70.39				
	11/30/12				30.32	70.41				
	12/27/12				30.28	70.45				
	1/31/13		100.73		30.36	70.37				
	2/28/13		100.73		30.39	70.34				
	3/28/13		100.73		30.34	70.39				
	4/26/13		100.73		30.35	70.38				
	5/24/13		100.73		30.43	70.30				
	6/27/13		100.73		30.57	70.16				
	7/26/13		100.73		30.68	70.05				
	8/29/13		100.73	30.75	30.77	69.98	0.02			
	9/26/13		100.73	30.85	30.86	69.88	0.01			
	10/31/13		100.73	30.85	30.86	69.88	0.01			
	11/26/13		100.73	30.86	30.87	69.87	0.01			
MW-1	12/27/13		100.73	30.83	30.85	69.90	0.02			
MW-2	10/17/95	100.78	102.37	31.89	32.04	70.47	0.15	0.00		
	2/7/96			31.14	31.38	71.21	0.24	0.00		
	4/3/96			30.96	31.29	71.38	0.33	0.00		
	6/12/96				31.32	71.05	0.00	0.00		
	6/20/96				32.25	70.12	0.00	0.00		
	6/27/96				31.33	71.04	0.00	0.00		
	7/5/96				30.67	71.70	0.00	0.00		
	7/18/96				31.58	70.79	0.00	0.00		
	8/1/96				31.83	70.54	0.00	0.00		

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-2	10/2/96			32.13	32.71	70.18	0.58	0.00		
(cont.)	10/9/97				31.38	70.99	0.00	0.00		Absorptive Boom/Hand Bail
	11/8/97	100.78	102.37		31.56	70.81	0.00	0.05	10.25	Absorptive Boom/Hand Bail
	1/22/98			33.34	34.37	68.93	1.03	0.50	10.75	Absorptive Boom/Hand Bail
	2/18/98			33.15	34.14	69.12	0.99	0.50	11.25	Absorptive Boom/Hand Bail
	4/2/98			33.51	34.72	68.74	1.21	2.00	13.25	Absorptive Boom/Hand Bail
	5/5/98			33.26	34.28	69.01	1.02	2.00	15.25	Absorptive Boom/Hand Bail
	7/7/98			34.62	36.44	67.57	1.82	3.00	18.25	Absorptive Boom/Hand Bail
	10/2/98			31.81	33.13	70.43	1.32	2.00	20.25	Absorptive Boom/Hand Bail
	1/14/99			32.83	34.23	69.40	1.40		20.25	Absorptive Boom/Hand Bail
	4/15/99			32.36	34.20	69.83	1.84		20.25	
	7/13/99			31.88	34.30	70.25	2.42	4.00	24.25	Hand Bail
	8/11/99			32.27	34.70	69.86	2.43	3.50	27.75	Hand Bail
	9/22/99			32.32	34.14	69.87	1.82	2.50	30.25	Hand Bail
	10/28/99			31.98	33.30	70.26	1.32	2.00	32.25	Hand Bail
	11/23/99			31.93	33.28	70.31	1.35	2.00	34.25	Absorptive Boom/Hand Bail
	12/17/99			32.26	32.94	70.04	0.68	1.25	35.50	Absorptive Boom/Hand Bail
	1/13/00			32.31	33.20	69.97	0.89	1.50	37.00	Absorptive Boom/Hand Bail
	2/15/00			32.30	33.30	69.97	1.00	0.50	37.50	Absorptive Boom/Hand Bail
	3/31/00			32.28	33.73	69.95	1.45	1.00	38.50	Absorptive Boom/Hand Bail
	4/27/00			32.01	33.31	70.23	1.30	1.50	40.00	Absorptive Boom/Hand Bail
	5/31/00			32.49	34.48	69.68	1.99	3.00	43.00	Absorptive Boom/Hand Bail
	6/30/00			32.58	33.79	69.67	1.21	2.00	45.00	Absorptive Boom/Hand Bail
	7/13/00			32.61	33.69	69.65	1.08	1.50	46.50	Absorptive Boom/Hand Bail
	8/30/00			32.27	34.03	69.92	1.76	1.50	48.00	Hand Bail
	9/21/00			32.60	34.86	69.54	2.26	3.00	51.00	Hand Bail
	10/3/00			32.80	34.12	69.44	1.32	1.50	52.50	Hand Bail
	11/29/00			32.76	34.30	69.46	1.54	2.50	55.00	Hand Bail
	12/13/00			32.70	33.58	69.58	0.88	0.50	55.50	Absorptive Boom/Hand Bail
	1/3/01			32.68	33.33	69.63	0.65	0.50	56.00	Absorptive Boom/Hand Bail
	2/6/01			32.79	33.83	69.48	1.04	0.50	56.50	Absorptive Boom/Hand Bail
	3/15/01			32.85	33.91	69.41	1.06	0.50	57.00	Absorptive Boom/Hand Bail
	4/5/01			33.00	34.10	69.26	1.10	0.50	57.50	Absorptive Boom/Hand Bail
	5/3/01			32.98	34.16	69.27	1.18	0.50	58.00	Absorptive Boom/Hand Bail
	6/2/01			32.91	34.86	69.27	1.95	0.50	58.50	Absorptive Boom/Hand Bail
	7/10/01			32.89	35.50	69.22	2.61	1.50	59.00	Absorptive Boom/Hand Bail
	10/2/01			32.69	34.52	69.50	1.83	1.50	59.50	Absorptive Boom/Hand Bail
	1/28/02			32.90	34.34	69.33	1.44	1.50	60.00	Absorptive Boom/Hand Bail
	2/25/02			32.80	34.14	69.44	1.34	1.00	60.00	Hand Bail
	3/25/02			32.29	33.99	69.91	1.70	1.50	61.00	Hand Bail
	4/10/02			31.83	33.72	70.35	1.89	0.00	60.00	Installed passive skimmer
	5/16/02			33.32	34.14	68.97	0.82	3.00	63.00	Skimmer
	6/17/02			32.80	33.70	69.48	0.90	1.50	62.50	Skimmer
	7/2/02			32.91	33.03	69.45	0.12	2.50	62.50	Skimmer
	9/10/02			32.65	34.29	69.56	1.64	0.50	63.50	Skimmer
	10/8/02			32.80	34.38	69.41	1.58	0.50	63.00	Skimmer
	11/8/02			32.20	34.25	69.97	2.05	0.50	63.00	Skimmer
	1/28/03			32.22	34.59	69.91	2.37	2.50	66.00	Skimmer
	4/2/03			32.12	33.16	70.15	1.04	5.50	71.50	Skimmer
	5/10/03			32.15	33.12	70.12	0.97	4.50	76.00	Skimmer
	6/26/03			32.16	34.06	70.02	1.90	3.00	79.00	Skimmer
	7/8/03			33.12	33.47	69.22	0.35	3.00	82.00	Skimmer
	8/20/03			33.20	33.41	69.15	0.21	2.50	84.50	Skimmer
	9/30/03			33.19	33.65	69.13	0.46	2.50	87.00	Skimmer
	10/31/03			33.25	33.41	69.10	0.16	2.50	89.50	Skimmer
	11/12/03			34.10	34.23	68.26	0.13	0.50	90.00	Skimmer
	12/18/03			33.90	34.11	68.45	0.21	0.41	90.41	Skimmer
	1/21/04			33.54	33.88	68.80	0.34	2.50	92.91	Skimmer
	3/1/04			33.87	34.05	68.48	0.18	0.35	93.26	Skimmer
	5/6/04			31.55	31.90	70.79	0.35	0.62	93.88	Skimmer
	5/21/04			31.65	31.97	70.69	0.32	0.58	94.46	Skimmer
	6/3/04			31.49	31.91	70.84	0.42	0.85	95.31	Skimmer

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-2 (cont.)	6/18/04			31.48	32.01	70.84	0.53	1.03	96.34	Skimmer
	7/12/04			31.51	32.12	70.80	0.61	2.50	98.84	Skimmer
	7/23/004			31.62	32.23	70.69	0.61	2.50	101.34	Skimmer
	9/3/04			31.57	32.00	70.76	0.43	2.50	103.84	Skimmer
	9/24/04			32.23	32.35	70.13	0.12	2.50	106.34	Skimmer
	9/30/04			31.32	31.50	71.03	0.18	15.00	121.34	Skimmer
	10/15/04			30.39	30.89	71.93	0.50	2.50	123.84	Hand Bailed
	11/9/04			30.20	30.21	72.17	0.01		123.84	Skimmer
	11/19/04			29.97	30.00	72.40	0.03		123.84	Removed skimmer/installed absorbant
	12/7/04				29.02	73.35	0.00			Absorptive Boom (Changed Out)
	12/17/04				28.92	73.45	0.00			Absorptive Boom
	1/7/05				28.84	73.53	0.00			Absorptive Boom (Changed Out)
	2/21/05				28.73	73.64	0.00			Absorptive Boom
	3/29/05				28.67	73.70	0.00			
	4/22/05				28.78	73.59	0.00			Absorptive Boom (Changed Out)
	5/6/05				28.59	73.78	0.00			
	5/23/05				28.51	73.86	0.00			
	8/16/05				28.93	73.44	0.00			
	10/5/05				28.67	73.70	0.00			
	11/18/05				28.48	73.89	0.00			
	1/11/06		102.37		28.42	73.95	0.00			
	2/17/06				28.67	73.70	0.00			
	3/15/06				28.50	73.87	0.00			
	4/11/06				28.99	73.38	0.00			
	5/23/06				28.62	73.75	0.00			
	8/9/06				28.72	73.65	0.00			
	9/27/06				28.10	74.27	0.00			Flipped sock
	11/22/06				28.08	74.29	0.00			Flipped Sock
	12/14/06				28.15	74.22	0.00			Sock OK
	1/11/07				28.19	74.18	0.00			Installed new sock
	3/31/07				28.14	74.23	0.00	0.00		
	8/1/07				28.08	74.29	0.00	0.00		
	12/13/07				28.02	74.35	0.00	0.00		
	1/10/08				28.04	74.33				
	2/18/08				28.40	73.97				
	3/31/08				28.38	73.99				Changed Sock
	4/28/08				28.43	73.94				
	5/29/08				28.49	73.88				
	6/30/08				28.71	73.66				
	7/29/08				28.85	73.52				
	8/29/08				29.10	73.27				flipped sock
	9/30/08		102.37		29.00	73.37				color
	10/31/08				28.89	73.48				
	11/26/08				28.85	73.52				
	12/30/08				28.88	73.49				
	1/30/09				29.07	73.30				
	2/26/09				29.01	73.36				
	3/31/09				29.13	73.24				
	4/30/09				29.26	73.11				
	5/29/09				29.28	73.09				
	6/26/09				29.34	73.03				
	7/31/09				29.53	72.84				
	8/28/09				29.67	72.70				
	9/25/09				29.83	72.54				
	10/30/09				30.10	72.27				
	11/27/09				30.14	72.23				
	12/21/09				30.18	72.19				
	1/29/10				30.34	72.03				
	2/26/10				30.39	71.98				
	3/26/10				30.17	72.20				
	4/30/10				30.21	72.16				
	5/27/10				30.29	72.08				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-2 (cont.)	6/30/10				28.91	73.46				
	7/30/10				28.91	73.46				
	8/26/10				29.05	73.32				
	9/28/10				29.12	73.25				
	10/29/10				29.20	73.17				
	11/29/10				29.34	73.03				
	12/29/10				29.50	72.87				
	1/28/11				29.71	72.66				
	2/25/11				29.91	72.46				
	3/25/11				30.11	70.26				
	4/29/11				30.39	71.98				
	5/31/11				30.70	71.67				
	6/29/11				30.89	71.48				
	7/29/11				31.02	71.35				
	8/31/11				31.30	71.07				
	9/30/11				31.71	70.66				
	10/28/11				31.67	70.70				
	11/30/11				30.65	71.72				
	12/30/11		102.37		30.92	71.45				
	1/31/12				30.71	71.66				
	2/28/12				30.71	71.66				
	3/30/12				30.76	71.61				
	4/27/12				30.76	71.61				
	5/30/12				30.84	71.53				
	6/27/12				30.83	71.54				
	7/26/12				30.98	71.39				
	8/31/12				31.13	71.24				
	9/27/12				31.26	71.11				
	10/26/12				31.27	71.10				
	11/30/12				31.20	71.17				
	12/27/12				31.14	71.23				
	1/31/13		102.37		31.16	71.21				
	2/28/13		102.37	31.17	31.29	71.19	0.12			
	3/28/13		102.37	31.13	31.20	71.23	0.07			
	4/26/13		102.37	31.13	31.23	71.23	0.10			
	5/24/13		102.37	31.28	31.34	71.08	0.06			
	6/27/13		102.37	31.38	31.51	70.98	0.13			
	7/26/13		102.37	31.43	31.61	70.92	0.18			
	8/29/13		102.37	31.56	31.75	70.79	0.19			
	9/26/13		102.37	31.65	31.89	70.70	0.24			
	10/31/13		102.37	31.68	31.89	70.67	0.21			
	11/26/13		102.37	31.66	31.95	70.68	0.29			
MW-2	12/27/13		102.37	31.61	31.89	70.73	0.28			
MW-3	10/17/95	101.79	103.61		32.67	70.94	0.00	0.00		
	2/7/96				30.57	73.04	0.00	0.00		
	4/3/96				30.54	73.07	0.00	0.00		
	6/12/96							0.00		
	6/20/96							0.00		
	6/27/96							0.00		
	7/5/96							0.00		
	7/18/96				31.43	72.18	0.00	0.00		
	8/1/96							0.00		
	10/2/96				28.06	75.55	0.00	0.00		
	10/9/97				31.86	71.75	0.00	0.00		
	11/8/97	101.79	103.61					0.00		No PSH
	1/22/98				32.21	71.40	0.00	0.00		
	2/18/98				32.08	71.53	0.00	0.00		
	4/2/98				32.00	71.61	0.00	0.00		
	5/5/98				31.98	71.63	0.00	0.00		
	7/7/98				32.70	70.91	0.00	0.00		
	10/2/98				33.06	70.55	0.00	0.00		
	1/14/99			32.58	32.65	71.02	0.07	0.50	0.50	Absorptive Boom
	4/15/99			32.36	32.56	71.23	0.20	0.50	1.00	Absorptive Boom

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-3 (cont.)	7/13/99			31.94	32.19	71.65	0.25	0.50	1.50	Absorptive Boom
	8/11/99			32.26	32.54	71.32	0.28	0.50	2.00	Absorptive Boom
	9/22/99			32.49	32.61	71.11	0.12	0.25	2.25	Absorptive Boom
	10/28/99			32.10	32.12	71.51	0.02	0.25	2.50	Absorptive Boom
	11/23/99				31.92	71.69	0.00	0.25	2.75	Absorptive Boom
	12/17/99				31.94	71.67	0.00	0.25	3.00	Absorptive Boom
	1/13/00				31.96	71.65	0.00	0.25	3.25	Absorptive Boom
	2/15/00				32.00	71.61	0.00	0.25	2.00	Absorptive Boom
	3/31/00				32.10	71.51	0.00		3.25	Absorptive Boom
	4/27/00				31.98	71.63	0.00	0.25	3.50	PSH droplets present during purge
	5/31/00				32.43	71.18	0.00		3.50	Absorptive Boom
	6/30/00				32.65	70.96	0.00	0.25	3.75	Absorptive Boom
	7/13/00				32.23	71.38	0.00		3.75	Absorptive Boom
	8/30/00				32.49	71.12	0.00		3.75	Absorptive Boom
	9/21/00				32.83	70.78	0.00	0.25	4.00	Absorptive Boom
	10/3/00				32.85	70.76	0.00		4.00	Absorptive Boom
	11/29/00				32.81	70.80	0.00		4.00	Absorptive Boom
	12/13/00				32.74	70.87	0.00	0.25	4.25	Absorptive Boom
	1/3/01				32.57	71.04	0.00		4.25	Absorptive Boom
	2/6/01				32.65	70.96	0.00	0.25	4.50	Absorptive Boom
	3/15/01				32.58	71.03	0.00		4.50	Absorptive Boom
	4/5/01			32.50	32.61	71.10	0.11	0.25	4.75	Absorptive Boom
	5/3/01				32.68	70.93	0.00		4.75	Absorptive Boom
	6/2/01				32.92	70.69	0.00		4.75	Absorptive Boom
	7/10/01				33.45	70.16	0.00	0.25	5.00	Absorptive Boom
	10/2/01			33.14	33.43	70.44	0.29	0.25	5.25	Absorptive Boom
	1/28/02			32.43	32.75	71.15	0.32	0.25	5.50	Absorptive Boom
	2/25/02			32.51	32.59	71.09	0.08	0.25	5.75	Absorptive Boom
	3/25/02				32.35	71.26	0.00	0.25	6.00	Absorptive Boom
	4/10/02				32.42	71.19	0.00	0.25	6.25	Absorptive Boom
	5/16/02				31.96	71.65	0.00	0.25	6.50	Absorptive Boom
	6/17/02				31.92	71.69	0.00	0.00	6.50	Absorptive Boom
	7/2/02				31.86	71.75	0.00	0.00	6.50	Absorptive Boom
	9/10/02				31.45	72.16	0.00	0.00	6.50	Absorptive Boom
	10/8/02				31.52	72.09	0.00	0.50	7.00	Absorptive Boom
	11/8/02				31.48	72.13	0.00	0.00	7.00	Absorptive Boom
	1/28/03				31.27	72.34	0.00	0.00	7.00	Absorptive Boom
	4/2/03				31.27	72.34	0.00	0.00	7.00	Absorptive Boom
	5/10/03									
	6/26/03									
	7/8/03				31.97	71.64	0.00	0.00	7.00	Absorptive Boom
	8/20/03									
	9/30/03									
	10/31/03									
	11/12/03									
	12/18/03				32.87	70.74	0.00	0.00	7.00	Absorptive Boom
	1/21/04				32.86	70.75	0.00	0.00	7.00	Absorptive Boom (Changed Out)
	3/1/04				32.83	70.78	0.00	0.00	7.00	Absorptive Boom
	5/6/04				31.19	72.42	0.00	0.00	7.00	Absorptive Boom
	5/21/04				30.92	72.69	0.00	0.00	7.00	Absorptive Boom
	6/3/04				30.82	72.79	0.00	0.00	7.00	Absorptive Boom
	6/18/04				30.73	72.88	0.00	0.00	7.00	Absortive Boom (Changed Out)
	7/12/04				30.66	72.95	0.00	0.00	7.00	Absortive Boom (Changed Out)
	7/23/04				30.73	72.88	0.00	0.00	7.00	Absorbtive Boom
	9/3/04				30.71	72.90	0.00	0.00	7.00	Absortive Boom (Changed Out)
	9/24/04				30.73	72.88	0.00	0.00	7.00	Absortive Boom
	9/30/04				30.65	72.96	0.00	0.00	7.00	Absortive Boom (Changed Out)
	10/15/04				29.95	73.66	0.00	0.00	7.00	Absortive Boom
	11/9/04				29.46	74.15	0.00	0.00	7.00	Absortive Boom (Changed Out)
	11/19/04				29.42	74.19	0.00	0.00	7.00	Absortive Boom
	12/7/04				29.15	74.46	0.00	0.00	7.00	Absortive Boom
	12/17/04				29.01	74.60	0.00	0.00	7.00	Absortive Boom (Changed Out)

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-3	1/7/05				28.84	74.77	0.00	0.00		
(cont.)	2/21/05				38.70	64.91	0.00	0.00		Absortive Boom
	3/29/05				28.65	74.96	0.00	0.00		
	4/22/05				28.66	74.95	0.00	0.00		Absortive Boom (Changed Out)
	5/6/05				28.56	75.05	0.00	0.00		
	5/23/05				28.54	75.07	0.00	0.00		
	8/16/05				28.79	74.82	0.00	0.00		
	10/5/05				28.52	75.09	0.00	0.00		
	11/18/05				28.30	75.31	0.00	0.00		
	1/11/06		103.61		28.35	75.26	0.00	0.00		
	2/17/06				28.36	75.25	0.00	0.00		
	3/15/06				28.37	75.24	0.00	0.00		
	4/11/06				28.82	74.79	0.00	0.00		
	5/23/06				28.48	75.13	0.00	0.00		
	8/9/06				28.77	74.84	0.00	0.00		
	9/27/06				28.11	75.50	0.00	0.00		Sock OK
	10/18/06				28.02	75.59	0.00	0.00		
	11/22/06				27.99	75.62	0.00	0.00		Flipped Sock
	12/14/06				27.99	75.62	0.00	0.00		Sock OK
	1/11/07				28.06	75.55	0.00	0.00		Installed new sock
	3/31/07				28.01	75.60	0.00	0.00		
	8/1/07				27.95	75.66	0.00	0.00		
	12/13/07				27.88	75.73	0.00	0.00		
	1/10/08				27.90	75.71				
	2/18/08				27.11	76.50				
	3/31/08				28.21	75.40				Flipped Sock
	4/28/08				28.31	75.30				
	5/29/08				28.37	75.24				
	6/30/08				28.60	75.01				
	7/29/08				28.60	75.01				
	8/29/08				29.03	74.58				
	9/30/08		103.61		28.87	74.74				color
	10/31/08				28.82	74.79				
	11/26/08				28.66	74.95				
	12/30/08				28.58	75.03				
	1/30/09				28.71	74.90				
	2/26/09				28.67	74.94				
	3/31/09				28.77	74.84				
	4/30/09				28.82	74.79				
	5/29/09				28.95	74.66				
	6/26/09				29.09	74.52				
	7/31/09				29.33	74.28				
	8/28/09				29.45	74.16				
	9/25/09				29.61	74.00				
	10/30/09				29.79	73.82				
	11/27/09				29.81	73.80				
	12/21/09				29.81	73.80				
	1/29/10				29.95	73.66				
	2/26/10				29.37	74.24				
	3/26/10				29.78	73.83				
	4/30/10				29.73	73.88				
	5/27/10				29.78	73.83				
	6/30/10				29.05	74.56				
	7/30/10				29.05	74.56				
	8/26/10				28.84	74.77				
	9/28/10				28.81	74.80				
	10/29/10				28.96	74.65				
	11/29/10				29.06	74.55				
	12/29/10				29.10	74.51				
	1/28/11				29.41	74.20				
	2/25/11				29.57	74.04				
	3/25/11				29.68	73.93				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-3 (cont.)	4/29/11				30.34	73.27				
	5/31/11				30.27	73.34				
	6/29/11				30.51	73.10				
	7/29/11				30.86	72.75				
	8/31/11				31.12	72.49				
	9/30/11				31.33	72.28				
	10/28/11				31.44	72.17				
	11/30/11				30.43	73.18				
	12/30/11		103.61		30.51	73.10				
	1/31/12				30.47	73.14				
	2/28/12				30.40	73.21				
	3/30/12				30.42	73.19				
	4/27/12				30.43	73.18				
	5/30/12				30.53	73.08				
	6/27/12				30.62	72.99				
	7/26/12				30.74	72.87				
	8/31/12				30.90	72.71				
	9/27/12				31.03	72.58				
	10/26/12				30.94	72.67				
	11/30/12				30.79	72.82				
	12/27/12				30.69	72.92				
	1/31/13		103.61		30.79	72.82				
	2/28/13		103.61		30.78	72.83				
	3/28/13		103.61		30.75	72.86				
	4/26/13		103.61		30.77	72.84				
	5/24/13		103.61		30.85	72.76				
	6/27/13		103.61		31.08	72.53				
	7/26/13		103.61		31.22	72.39				
	8/29/13		103.61		31.32	72.29				
	9/26/13		103.61		31.42	72.19				
	10/31/13		103.61		31.41	72.20				
	11/26/13		103.61		31.34	72.27				
MW-3	12/27/13		103.61		31.24	72.37				
MW-4	10/17/95	93.80	96.08		27.20	68.88	0.00			
	2/7/96				26.82	69.26	0.00			
	4/3/96				26.88	69.20	0.00			
	6/12/96									
	6/20/96									
	6/27/96									
	7/5/96									
	7/18/96				27.54	68.54	0.00			
	8/1/96									
	10/2/96				28.06	68.02	0.00			
	10/9/97				28.94	67.14	0.00			
	11/8/97	93.80	96.08		Not Gauged					No PSH
	1/22/98				28.68	67.40	0.00			
	2/18/98				Not Gauged					
	4/2/98				28.52	67.56	0.00			
	5/5/98				28.51	67.57	0.00			
	7/7/98				29.05	67.03	0.00			
	10/2/98				29.42	66.66	0.00			
	1/14/99				29.05	67.03	0.00			
	4/15/99				28.85	67.23	0.00			
	7/13/99				27.93	68.15	0.00			
	8/11/99				28.40	67.68	0.00			
	9/22/99				27.61	68.47	0.00			
	10/28/99				28.18	67.90	0.00			
	11/23/99				28.20	67.88	0.00			
	12/17/99				28.29	67.79	0.00			
	1/13/00				28.36	67.72	0.00			
	2/15/00				28.43	67.65	0.00			
	3/31/00				28.46	67.62	0.00			
	4/27/00				28.35	67.73	0.00			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-4 (cont.)	5/31/00				28.65	67.43	0.00			
	6/30/00				27.40	68.68	0.00			
	7/13/00				26.26	69.82	0.00			
	8/30/00				28.00	68.08	0.00			
	9/21/00				28.59	67.49	0.00			
	10/3/00				28.76	67.32	0.00			
	11/29/00				29.02	67.06	0.00			
	12/13/00				29.01	67.07	0.00			
	1/3/01				29.01	67.07	0.00			
	2/6/01				28.97	67.11	0.00			
	3/15/01				28.91	67.17	0.00			
	4/5/01				28.82	67.26	0.00			
	5/3/01				28.87	67.21	0.00			
	6/2/01				29.12	66.96	0.00			
	7/10/01				29.22	66.86	0.00			
	10/2/01				28.60	67.48	0.00			
	1/28/02				28.69	67.39	0.00			
	2/25/02				28.67	67.41	0.00			
	3/25/02				28.52	67.56	0.00			
	4/10/02				28.02	68.06	0.00			
	5/16/02				27.95	68.13	0.00			
	6/17/02				28.05	68.03	0.00			
	7/2/02				27.63	68.45	0.00			
	9/10/02				27.28	68.80	0.00			
	10/8/02				27.62	68.46	0.00			
	11/8/02				27.02	69.06	0.00			
	1/28/03				27.56	68.52	0.00			
	4/2/03				27.68	68.40	0.00			
	5/10/03									
	6/26/03									
	7/8/03				28.18	67.90	0.00			
	8/20/03									
	9/30/03									
	10/31/03									
	11/12/03									
	12/18/03				29.23	66.85	0.00			
	1/21/04									
	3/1/04									
	5/6/04									
	5/21/04									
	6/3/04				25.35	70.73	0.00			
	6/18/04				25.68	70.40	0.00			
	7/12/04				25.07	71.01	0.00			
	7/23/04				26.02	70.06	0.00			
	9/3/04				26.10	69.98	0.00			Absorptive Boom
	9/24/04				26.57	69.51	0.00			Absorptive Boom
	9/30/04				24.61	71.47	0.00			Absorptive Boom
	10/15/04				21.60	74.48	0.00			
	11/9/04				23.30	72.78	0.00			
	11/19/04				22.79	73.29	0.00			Absorptive Boom
	12/7/04				22.25	73.83	0.00			
	12/17/04				22.78	73.30	0.00			
	1/7/05				23.45	72.63	0.00			
	2/21/05				23.43	72.65	0.00			
	3/29/05				24.17	71.91	0.00			
	4/22/05				24.39	71.69	0.00			
	5/6/05				24.28	71.80	0.00			
	5/23/05				24.26	71.82	0.00			
	8/16/05				24.78	71.30	0.00			
	10/5/05				24.03	72.05	0.00			
	11/18/05				23.87	72.21	0.00			
	1/11/06		96.08		24.28	71.80	0.00			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-4 (cont.)	2/17/06				24.60	71.48	0.00			
	3/15/06				24.65	71.43	0.00			
	4/11/06				24.49	71.59	0.00			
	5/23/06				24.67	71.41	0.00			
	8/9/06				24.73	71.35	0.00			
	9/27/06				24.13	71.95	0.00			
	10/18/06				- -	- -	- -			Not gauged
	11/22/06				23.63	72.45	0.00			
	12/14/06				- -	- -	- -			Not gauged
	1/11/07				24.37	71.71	0.00	0.00		
	3/31/07				24.25	71.83	0.00	0.00		
	8/1/07				24.09	71.99	0.00	0.00		
	12/13/07				23.91	72.17	0.00	0.00		
	1/10/08				23.95	72.13				
	2/18/08				24.29	71.79				
	3/31/08				24.38	71.70				
	4/28/08				24.50	71.58				
	5/29/08				24.47	71.61				
	6/30/08				24.81	71.27				
	7/29/08				25.06	71.02				
	8/29/08				25.31	70.77				
	9/30/08		96.08		24.41	71.67				
	10/31/08				24.15	71.93				
	11/26/08				24.63	71.45				
	12/30/08				24.86	71.22				
	1/30/09				25.09	70.99				
	2/26/09				25.08	71.00				
	3/31/09				25.23	70.85				
	4/30/09				25.27	70.81				
	5/29/09				25.42	70.66				
	6/26/09				25.56	70.52				
	7/31/09				25.37	70.71				
	8/28/09				25.73	70.35				
	9/25/09				26.04	70.04				
	10/30/09				26.31	69.77				
	11/27/09				26.38	69.70				
	12/21/09				26.42	69.66				
	1/29/10				26.56	69.52				
	2/26/10				26.28	69.80				
	3/26/10				26.28	69.80				
	4/30/10				26.29	69.79				
	5/27/10				26.41	69.67				
	6/30/10				26.49	69.59				
	7/30/10				23.14	72.94				
	8/26/10				24.46	71.62				
	9/28/10				25.18	70.90				
	10/29/10				25.57	70.51				
	11/29/10				25.80	70.28				
	12/29/10				25.94	70.14				
	1/28/11				26.25	69.83				
	2/25/11				26.39	69.69				
	3/25/11				26.52	69.56				
	4/29/11				26.82	69.26				
	5/31/11				27.03	69.05				
	6/29/11				27.27	68.81				
	7/29/11				27.53	68.55				
	8/31/11				27.73	68.35				
	9/30/11				27.94	68.14				
	10/28/11				28.00	68.08				
	11/30/11				27.12	68.96				
	12/30/11		96.08		27.18	68.90				
	1/31/12				27.06	69.02				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-4	2/28/12				27.12	68.96				
(cont.)	3/30/12				27.11	68.97				
	4/27/12				27.15	68.93				
	5/30/12				27.11	68.97				
	6/27/12				27.10	68.98				
	7/26/12				27.25	68.83				
	8/31/12				27.44	68.64				
	9/27/12				27.56	68.52				
	10/26/12				27.53	68.55				
	11/30/12				27.52	68.56				
	12/27/12				27.51	68.57				
	1/31/13		96.08		27.54	68.54				
	2/28/13		96.08		27.54	68.54				
	3/28/13		96.08		27.51	68.57				
	4/26/13		96.08		27.53	68.55				
	5/24/13		96.08		27.59	68.49				
	6/27/13		96.08		27.71	68.37				
	7/26/13		96.08		27.64	68.44				
	8/29/13		96.08		27.87	68.21				
	9/26/13		96.08		28.02	68.06				
	10/31/13		96.08		28.10	67.98				
	11/26/13		96.08		28.10	67.98				
MW-4	12/27/13		96.08		28.08	68.00				
MW-5	10/17/95	107.08	109.21	33.08	33.26	76.11	0.18			
	2/7/96				31.51	77.70	0.00			
	4/3/96				31.21	78.00	0.00			
	6/12/96				31.30	77.91	0.00			
	6/20/96				31.43	77.78	0.00			
	6/27/96				31.62	77.59	0.00			
	7/5/96				31.76	77.45	0.00			
	7/18/96				31.94	77.27	0.00			
	8/1/96				32.12	77.09	0.00			
	10/2/96				32.64	76.57	0.00			
	10/9/97				32.45	76.76	0.00			
	11/8/97	107.08	109.21						8.70	
	1/22/98			32.68	32.81	76.52	0.13	1.00	9.70	Absorptive Boom
	2/18/98				32.50	76.71	0.00	0.30	10.00	Sheen, Absorptive Boom
	4/2/98				32.24	76.97	0.00	0.10	10.10	Absorptive Boom
	5/5/98				32.19	77.02	0.00	0.10	10.20	Absorptive Boom
	7/7/98				33.10	76.11	0.00	0.25	10.45	Absorptive Boom
	10/2/98				33.57	75.64	0.00	0.25	10.70	Absorptive Boom
	1/14/99				32.85	76.36	0.00	0.25	10.95	Absorptive Boom
	4/15/99				32.59	76.62	0.00	0.25	11.20	Absorptive Boom
	7/13/99				32.26	76.95	0.00		11.20	Absorptive Boom
	8/11/99				32.71	76.50	0.00	0.25	11.45	Absorptive Boom
	9/22/99				32.74	76.47	0.00		11.45	Absorptive Boom
	10/28/99				32.41	76.80	0.00	0.25	11.70	Absorptive Boom
	11/23/99				32.40	76.81	0.00		11.70	Absorptive Boom
	12/17/99				32.39	76.82	0.00	0.25	11.95	Absorptive Boom
	1/13/00				32.42	76.79	0.00		11.95	Absorptive Boom
	2/15/00				32.38	76.83	0.00	0.25	10.20	Absorptive Boom
	3/31/00				32.37	76.84	0.00		11.95	Absorptive Boom
	4/27/00				32.27	76.94	0.00		11.95	PSH droplets present during purge
	5/31/00				32.80	76.41	0.00	0.25	12.20	Absorptive Boom
	6/30/00				32.96	76.25	0.00		12.20	Absorptive Boom
	7/13/00				32.57	76.64	0.00		12.20	Absorptive Boom
	8/30/00				33.04	76.17	0.00	0.25	12.45	Absorptive Boom
	9/21/00				33.40	75.81	0.00		12.45	Absorptive Boom
	10/3/00				33.50	75.71	0.00		12.45	Absorptive Boom
	11/29/00				33.15	76.06	0.00		12.45	Absorptive Boom
	12/13/00				33.06	76.15	0.00		12.45	Absorptive Boom
	1/3/01				32.93	76.28	0.00		12.45	Absorptive Boom

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-5 (cont.)	2/6/01				32.80	76.41	0.00		12.45	Absorptive Boom
	3/15/01				32.65	76.56	0.00		12.45	Absorptive Boom
	4/5/01				32.53	76.68	0.00		12.45	Absorptive Boom
	5/3/01				32.60	76.61	0.00		12.45	Absorptive Boom
	6/2/01				32.86	76.35	0.00		12.45	Absorptive Boom
	7/10/01				33.20	76.01	0.00		12.45	Absorptive Boom
	10/2/01				33.20	76.01	0.00		12.45	Absorptive Boom
	1/28/02				32.95	76.26	0.00		12.45	Absorptive Boom
	2/25/02				32.39	76.82	0.00		12.45	Absorptive Boom
	3/25/02				32.38	76.83	0.00		12.45	Absorptive Boom
	4/10/02				32.27	76.94	0.00		12.45	Absorptive Boom
	5/16/02				32.00	77.21	0.00		12.45	Absorptive Boom
	6/17/02				32.09	77.12	0.00		12.45	Absorptive Boom
	7/2/02				32.02	77.19	0.00		12.45	Absorptive Boom
	9/10/02				31.91	77.30	0.00		12.45	Absorptive Boom
	10/8/02				32.11	77.10	0.00		12.45	Absorptive Boom
	11/8/02				32.00	77.21	0.00		12.45	Absorptive Boom
	1/28/03				31.75	77.46	0.00		12.45	Absorptive Boom
	4/2/03				31.57	77.64	0.00		12.45	Absorptive Boom
	5/10/03									
	6/26/03									
	7/8/03				32.23	76.98	0.00		12.45	Absorptive Boom
	8/20/03									
	9/30/03									
	10/31/03									
	11/12/03									
	12/18/03				33.11	76.10	0.00		12.45	Absorptive Boom
	1/21/04								12.45	
	3/1/04								12.45	
	5/6/04								12.45	
	5/21/04								12.45	
	6/3/04				31.56	77.65	0.00		12.45	Absorptive Boom
	6/18/04				31.53	77.68	0.00		12.45	Absorptive Boom
	7/12/04				31.51	77.70	0.00		12.45	Absorptive Boom
	7/23/04				31.44	77.77	0.00		12.45	Absorptive Boom
	9/3/04				31.44	77.77	0.00		12.45	
	9/24/04				31.48	77.73	0.00		12.45	
	9/30/04				31.33	77.88	0.00		12.45	Absorptive Boom
	10/15/04				30.58	78.63	0.00		12.45	Absorptive Boom (changed out)
	11/9/04				30.35	78.86	0.00		12.45	Absorptive Boom
	11/19/04				30.30	78.91	0.00		12.45	Absorptive Boom
	12/7/04				30.00	79.21	0.00		12.45	Absorptive Boom
	12/17/04				29.95	79.26	0.00		12.45	Absorptive Boom
	1/7/05				29.71	79.50	0.00		12.45	Absorptive Boom
	2/21/05				29.43	79.78	0.00		12.45	Absorptive Boom
	3/29/05				29.24	79.97	0.00		12.45	Absorptive Boom
	4/22/05				29.25	79.96	0.00		12.45	
	5/6/05				29.08	80.13	0.00			
	5/23/05				29.05	80.16	0.00			
	8/16/05				29.22	79.99	0.00			
	10/5/05				29.82	79.39	0.00			
	11/18/05				28.58	80.63	0.00			
	1/11/06		109.21		28.46	80.75	0.00			
	2/17/06				28.80	80.41	0.00			
	3/15/06				28.77	80.44	0.00			
	4/11/06				28.83	80.38	0.00			
	5/23/06				28.96	80.25	0.00			
	8/9/06				- -	- -	- -			
	9/27/06				28.40	80.81	0.00			Flipped sock
	10/18/06				28.40	80.81	0.00			
	11/22/06				29.61	79.60	0.00			
	12/14/06				28.38	80.83	0.00			Sock OK

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-5 (cont.)	1/11/07				28.37	80.84	0.00	0.00		Installed new sock
	3/31/07				28.29	80.92	0.00	0.00		
	8/1/07				28.18	81.03	0.00	0.00		
	12/13/07				28.11	81.10	0.00	0.00		
	1/10/08				27.02	82.19				
	2/18/08				28.43	80.78				
	3/31/08				28.39	80.82				
	4/28/08				28.55	80.66				
	5/29/08				28.61	80.60				
	6/30/08				28.91	80.30				
	7/29/08				29.11	80.10				
	8/29/08				29.33	79.88				
	9/30/08		109.21		28.91	80.30				
	10/31/08				28.79	80.42				
	11/26/08				28.65	80.56				
	12/30/08				28.59	80.62				
	1/30/09				28.79	80.42				
	2/26/09				28.63	80.58				
	3/31/09				28.79	80.42				
	4/30/09				28.81	80.40				
	5/29/09				29.02	80.19				
	6/26/09				29.16	80.05				
	7/31/09				29.42	79.79				
	8/28/09				29.53	79.68				
	9/25/09				29.68	79.53				
	10/30/09				29.84	79.37				
	11/27/09				29.91	79.30				
	12/21/09				29.81	79.40				
	1/29/10				30.00	79.21				
	2/26/10				29.94	79.27				
	3/26/10				29.70	79.51				
	4/30/10				29.65	79.56				
	5/27/10				29.78	79.43				
	6/30/10				30.02	79.19				
	7/30/10				28.01	81.20				
	8/26/10				27.91	81.30				
	9/28/10				27.98	81.23				
	10/29/10				28.33	80.88				
	11/29/10				28.50	80.71				
	12/29/10				28.52	80.69				
	1/28/11				29.02	80.19				
	2/25/11				29.24	79.97				
	3/25/11				29.35	79.86				
	4/29/11				29.83	79.38				
	5/31/11				30.03	79.18				
	6/29/11				30.28	78.93				
	7/29/11				30.62	78.59				
	8/31/11				29.92	79.29				
	9/30/11				31.08	78.13				
	10/28/11				31.17	78.04				
	11/30/11				30.16	79.05				
	12/30/11		109.21		30.22	78.99				
	1/31/12				30.15	79.06				
	2/28/12				30.11	79.10				
	3/30/12				30.10	79.11				
	4/27/12				30.18	79.03				
	5/30/12				30.21	79.00				
	6/27/12				30.20	79.01				
	7/26/12				30.37	78.84				
	8/31/12				30.57	78.64				
	9/27/12				30.71	78.50				
	10/26/12				30.58	78.63				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-5	11/30/12				30.45	78.76				
(cont.)	12/27/12				30.36	78.85				
	01/31/2013		109.21		30.50	78.71				
	02/28/2013		109.21		30.54	78.67				
	03/28/2013		109.21		30.45	78.76				
	04/26/2013		109.21		30.49	78.72				
	05/24/2013		109.21		30.54	78.67				
	06/27/2013		109.21		30.72	78.49				
	07/26/2013		109.21		30.85	78.36				
	08/29/2013		109.21		30.41	78.80				
	09/26/2013		109.21		30.99	78.22				
	10/31/2013		109.21		30.95	78.26				
	11/26/2013		109.21		30.90	78.31				
MW-5	12/27/2013		109.21		30.84	78.37				
MW-6	10/17/95	103.66	106.26		32.07	74.19	0.00			
	2/7/96			29.87	31.15	76.26	1.28			
	4/3/96			29.78	31.15	76.34	1.37			
	6/12/96									
	6/20/96									
	6/27/96									
	7/5/96									
	7/18/96				30.51	75.75	0.00			
	8/1/96									
	10/2/96				31.80	74.46	0.00			
	10/9/97				31.15	75.11	0.00			
	11/8/97	103.66	106.26							No PSH
	1/22/98				31.28	74.98	0.00			
	2/18/98				31.11	75.15	0.00			
	4/2/98				31.00	75.26	0.00			
	5/5/98				30.95	75.31	0.00			
	7/7/98				31.65	74.61	0.00			
	10/2/98				32.00	74.26	0.00			
	1/14/99				31.52	74.74	0.00			
	4/15/99				31.30	74.96	0.00			
	7/13/99				30.53	75.73	0.00			
	8/11/99				31.05	75.21	0.00			
	9/22/99				30.21	76.05	0.00			
	10/28/99				30.63	75.63	0.00			
	11/23/99				30.84	75.42	0.00			
	12/17/99				30.92	75.34	0.00			
	1/13/00				30.99	75.27	0.00			
	2/15/00				31.01	75.25	0.00			
	3/31/00				31.06	75.20	0.00			
	4/27/00				31.01	75.25	0.00			
	5/31/00				32.13	74.13	0.00			
	6/30/00				31.24	75.02	0.00			
	7/13/00				30.37	75.89	0.00			
	8/30/00				31.18	75.08	0.00			
	9/21/00				31.68	74.58	0.00			
	10/3/00				31.85	74.41	0.00			
	11/29/00				31.68	74.58	0.00			
	12/13/00				31.62	74.64	0.00			
	1/3/01				31.58	74.68	0.00			
	2/6/01				31.52	74.74	0.00			
	3/15/01				31.45	74.81	0.00			
	4/5/01				31.30	74.96	0.00			
	5/3/01				31.38	74.88	0.00			
	6/2/01				31.63	74.63	0.00			
	07/10.01				31.94	74.32	0.00			
	10/2/01				31.41	74.85	0.00			
	1/28/02				31.22	75.04	0.00			
	2/25/02				31.84	74.42	0.00			
	3/25/02				31.13	75.13	0.00			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-6 (cont.)	4/10/02				30.79	75.47	0.00			
	5/16/02				30.66	75.60	0.00			
	6/17/02				30.57	75.69	0.00			
	7/2/02				30.70	75.56	0.00			
	9/10/02				30.12	76.14	0.00			
	10/8/02				30.36	75.90	0.00			
	11/8/02				30.16	76.10	0.00			
	1/28/03				30.25	76.01	0.00			
	4/2/03				30.17	76.09	0.00			
	5/10/03									
	6/26/03									
	7/8/03				30.69	75.57	0.00			
	8/20/03									
	9/30/03									
	10/31/03									
	11/12/03									
	12/18/03				31.70	74.56	0.00			
	1/21/04									
	3/1/04									
	5/6/04									
	5/21/04									
	6/3/04				29.91	76.35	0.00			
	6/18/04				29.94	76.32	0.00			
	7/12/04				29.68	76.58	0.00			
	7/23/04				29.74	76.52	0.00			
	9/3/04				29.78	76.48	0.00			
	9/24/04				30.00	76.26	0.00			
	9/30/04				29.39	76.87	0.00			
	10/15/04				29.55	76.71	0.00			
	11/9/04				28.51	77.75	0.00			
	11/19/04				28.44	77.82	0.00			
	12/7/04				27.75	78.51	0.00			
	12/17/04				28.00	78.26	0.00			
	1/7/05				28.12	78.14	0.00			
	2/21/05				28.14	78.12	0.00			
	3/29/05				28.06	78.20	0.00			
	4/22/05				28.14	78.12	0.00			
	5/6/05				27.97	78.29	0.00			
	5/23/05				27.97	78.29	0.00			
	8/16/05				28.10	78.16	0.00			
	10/5/05				27.44	78.82	0.00			
	11/18/05				27.25	79.01	0.00			
	1/11/06		106.26		27.32	78.94	0.00			
	2/17/06				27.64	78.62	0.00			
	3/15/06				27.55	78.71	0.00			
	4/11/06				27.96	78.30	0.00			
	5/23/06				28.08	78.18	0.00			
	8/9/06				- -	- -	- -			
	9/27/06				26.55	79.71	0.00			
	10/18/06				26.83	79.43	0.00			
	11/22/06				27.13	79.13	0.00			
	12/14/06				26.96	79.30	0.00			
	1/11/07				27.02	79.24	0.00	0.00		
	3/31/07				27.05	79.21	0.00	0.00		
	8/1/07				27.03	79.23	0.00	0.00		
	12/13/07				27.00	79.26	0.00	0.00		
	1/10/08				27.04	79.22				
	2/18/08				27.25	79.01				
	3/31/08				27.14	79.12				
	4/28/08				27.43	78.83				
	5/29/08				27.43	78.83				
	6/30/08				27.70	78.56				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-6 (cont.)	7/29/08				27.89	78.37				
	8/29/08				28.00	78.26				
	9/30/08		106.26		27.48	78.78				
	10/31/08				27.37	78.89				
	11/26/08				27.43	78.83				
	12/30/08				27.87	78.39				
	1/30/09				27.66	78.60				
	2/26/09				27.55	78.71				
	3/31/09				27.69	78.57				
	4/30/09				27.73	78.53				
	5/29/09				27.92	78.34				
	6/26/09				27.99	78.27				
	7/31/09				28.98	77.28				
	8/28/09				28.21	78.05				
	9/25/09				28.42	77.84				
	10/30/09				28.64	77.62				
	11/27/09				28.70	77.56				
	12/21/09				28.64	77.62				
	1/29/10				28.85	77.41				
	2/26/10				28.71	77.55				
	3/26/10				28.53	77.73				
	4/30/10				28.52	77.74				
	5/27/10				28.69	77.57				
	6/30/10				28.76	77.50				
	7/30/10				26.67	79.59				
	8/26/10				27.04	79.22				
	9/28/10				27.16	79.10				
	10/29/10				27.46	78.80				
	11/29/10				27.58	78.68				
	12/29/10				27.62	78.64				
	1/28/11				28.03	78.23				
	2/25/11				28.21	78.05				
	3/25/11				28.31	77.95				
	4/29/11				28.73	77.53				
	5/31/11				28.92	77.34				
	6/29/11				29.14	77.12				
	7/29/11				29.45	76.81				
	8/31/11				29.69	76.57				
	9/30/11				29.87	76.39				
	10/28/11				29.95	76.31				
	11/30/11				28.99	77.27				
	12/30/11		106.26		29.07	77.19				
	1/31/12				29.02	77.24				
	2/28/12				28.98	77.28				
	3/30/12				29.02	77.24				
	4/27/12				29.04	77.22				
	5/30/12				29.08	77.18				
	6/27/12				28.87	77.39				
	7/26/12				29.16	77.10				
	8/31/12				29.35	76.91				
	9/27/12				29.49	76.77				
	10/26/12				29.25	77.01				
	11/30/12				29.25	77.01				
	12/27/12				29.20	77.06				
	01/31/2013		106.26		29.38	76.88				
	02/28/2013		106.26		29.42	76.84				
	03/28/2013		106.26		29.36	76.90				
	04/26/2013		106.26		29.39	76.87				
	05/24/2013		106.26		29.48	76.78				
	06/27/2013		106.26		29.59	76.67				
	07/26/2013		106.26		29.67	76.59				
	08/29/2013		106.26		29.70	76.56				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
	09/26/2013		106.26		29.78	76.48				
	10/31/2013		106.26		29.67	76.59				
	11/26/2013		106.26		29.69	76.57				
MW-6	12/27/2013		106.26		29.71	76.55				
MW-7	10/17/95	104.34	106.27		32.20	74.07	0.00			
	2/7/96				30.50	75.77	0.00			
	4/3/96				30.40	75.87	0.00			
	6/12/96									
	6/20/96									
	6/27/96									
	7/5/96									
	7/18/96				31.24	75.03	0.00			
	8/1/96									
	10/2/96				31.80	74.47	0.00			
	10/9/97				31.40	74.87	0.00			
	11/8/97	104.34	106.27							No PSH
	1/22/98				31.97	74.30	0.00			
	2/18/98				31.78	74.49	0.00			
	4/2/98				31.66	74.61	0.00			
	5/5/98				31.61	74.66	0.00			
	7/7/98				32.40	73.87	0.00			
	10/2/98				32.75	73.52	0.00			
	1/14/99				32.21	74.06	0.00			
	4/15/99				32.00	74.27	0.00			
	7/13/99				31.50	74.77	0.00			
	8/11/99				31.95	74.32	0.00			
	9/22/99				31.85	74.42	0.00			
	10/28/99				31.55	74.72	0.00			
	11/23/99				31.62	74.65	0.00			
	12/17/99				31.67	74.60	0.00			
	1/13/00				31.69	74.58	0.00			
	2/15/00				31.70	74.57	0.00			
	3/31/00				31.74	74.53	0.00			
	4/27/00				31.69	74.58	0.00			
	5/31/00				32.13	74.14	0.00			
	6/30/00				32.25	74.02	0.00			
	7/13/00				31.69	74.58	0.00			
	8/30/00				32.12	74.15	0.00			
	9/21/00				32.55	73.72	0.00			
	10/3/00				32.69	73.58	0.00			
	11/29/00				32.47	73.80	0.00			
	12/13/00				32.35	73.92	0.00			
	1/3/01				32.30	73.97	0.00			
	2/6/01				32.21	74.06	0.00			
	3/15/01				32.11	74.16	0.00			
	4/5/01				32.00	74.27	0.00			
	5/3/01				32.08	74.19	0.00			
	6/2/01				32.32	73.95	0.00			
	7/10/01				32.72	73.55	0.00			
	10/2/01				32.53	73.74	0.00			
	1/28/02				31.92	74.35	0.00			
	2/25/02				31.16	75.11	0.00			
	3/25/02				31.82	74.45	0.00			
	4/10/02				31.66	74.61	0.00			
	5/16/02				31.44	74.83	0.00			
	6/17/02				31.45	74.82	0.00			
	7/2/02				31.40	74.87	0.00			
	9/10/02				31.04	75.23	0.00			
	10/8/02				31.22	75.05	0.00			
	11/8/02				31.16	75.11	0.00			
	1/28/03				30.99	75.28	0.00			
	4/2/03				30.88	75.39	0.00			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-7 (cont.)	5/10/03									
	6/26/03									
	7/8/03				31.48	74.79	0.00			
	8/20/03									
	9/30/03									
	10/31/03									
	11/12/03									
	12/18/03				32.43	73.84	0.00			
	1/21/04									
	3/1/04									
	5/6/04									
	5/21/04									
	6/3/04				30.70	75.57	0.00			
	6/18/04				30.70	75.57	0.00			
	7/12/04				30.62	75.65	0.00			
	7/23/04				30.62	75.65	0.00			
	9/3/04				30.66	75.61	0.00			
	9/24/04				30.78	75.49	0.00			
	9/30/04				30.65	75.62	0.00			
	10/15/04				29.35	76.92	0.00			
	11/9/04				29.42	76.85	0.00			
	11/19/04				29.36	76.91	0.00			
	12/7/04				28.98	77.29	0.00			
	12/17/04				28.98	77.29	0.00			
	1/7/05				28.94	77.33	0.00			
	2/21/05				28.83	77.44	0.00			
	3/29/05				28.71	77.56	0.00			
	4/22/05				28.78	77.49	0.00			
	5/6/05				28.57	77.70	0.00			
	5/23/05				28.54	77.73	0.00			
	8/16/05				28.77	77.50	0.00			
	10/5/05				28.27	78.00	0.00			
	11/18/05				28.04	78.23	0.00			
	1/11/06		106.27		28.02	78.25	0.00			
	2/17/06				28.26	78.01	0.00			
	3/15/06				28.21	78.06	0.00			
	4/11/06				28.53	77.74	0.00			
	5/23/06				28.67	77.60	0.00			
	8/9/06				28.55	77.72	0.00			
	9/27/06				27.54	78.73	0.00			
	10/18/06				27.70	78.57	0.00			
	11/22/06				27.86	78.41	0.00			
	12/14/06				27.71	78.56	0.00			
	1/11/07				27.75	78.52	0.00	0.00		
	3/31/07				27.73	78.54	0.00	0.00		
	8/1/07				27.69	78.58	0.00	0.00		
	12/13/07				27.67	78.60	0.00	0.00		
	1/10/08				27.70	78.57				
	2/18/08				27.90	78.37				
	3/31/08				28.00	78.27				
	4/28/08				28.11	78.16				
	5/29/08				28.18	78.09				
	6/30/08				28.45	77.82				
	7/29/08				28.74	77.53				
	8/29/08				28.88	77.39				
	9/30/08		106.27		28.39	77.88				
	10/31/08				28.43	77.84				
	11/26/08				28.22	78.05				
	12/30/08				28.20	78.07				
	1/30/09				28.52	77.75				
	2/26/09				28.27	78.00				
	3/31/09				28.41	77.86				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-7 (cont.)	4/30/09				28.44	77.83				
	5/29/09				28.64	77.63				
	6/26/09				28.77	77.50				
	7/31/09				28.98	77.29				
	8/28/09				29.05	77.22				
	9/25/09				29.20	77.07				
	10/30/09				29.39	76.88				
	11/27/09				29.43	76.84				
	12/21/09				29.37	76.90				
	1/29/10				29.56	76.71				
	2/26/10				29.45	76.82				
	3/26/10				29.26	77.01				
	4/30/10				29.22	77.05				
	5/27/10				29.39	76.88				
	6/30/10				29.61	76.66				
	7/30/10				27.73	78.54				
	8/26/10				27.86	78.41				
	9/28/10				27.95	78.32				
	10/29/10				28.21	78.06				
	11/29/10				28.31	77.96				
	12/29/10				28.35	77.92				
	1/28/11				28.74	77.53				
	2/25/11				28.93	77.34				
	3/25/11				29.03	77.24				
	4/29/11				29.49	76.78				
	5/31/11				29.69	76.58				
	6/29/11				29.95	76.32				
	7/29/11				30.23	76.04				
	8/31/11				30.48	75.79				
	9/30/11				30.67	75.60				
	10/28/11				30.72	75.55				
	11/30/11				29.74	76.53				
	12/30/11		106.27		29.82	76.45				
	1/31/12				29.76	76.51				
	2/28/12				29.70	76.57				
	3/30/12				29.75	76.52				
	4/27/12				29.46	76.81				
	5/30/12				29.83	76.44				
	6/27/12				29.82	76.45				
	7/26/12				29.97	76.30				
	8/31/12				30.15	76.12				
	9/27/12				30.28	75.99				
	10/26/12				30.10	76.17				
	11/30/12				30.02	76.25				
	12/27/12				29.95	76.32				
	1/31/13		106.27		30.10	76.17				
	2/28/13		106.27		30.14	76.13				
	3/28/13		106.27		30.08	76.19				
	4/26/13		106.27		30.09	76.18				
	5/24/13		106.27		30.19	76.08				
	6/27/13		106.27		30.34	75.93				
	7/26/13		106.27		30.45	75.82				
	8/29/13		106.27		30.51	75.76				
	9/26/13		106.27		30.58	75.69				
	10/31/13		106.27		30.53	75.74				
	11/26/13		106.27		31.49	74.78				
MW-7	12/27/13		106.27		29.45	76.82				
MW-8	10/17/95	105.52	107.44	31.62	33.22	75.66	1.60			
	2/7/96									
	4/3/96				30.37	77.07	0.00			
	6/12/96			30.29	30.35	77.14	0.06			
	6/20/96				30.63	76.81	0.00			
	6/27/96				30.77	76.67	0.00			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-8 (cont.)	7/5/96				31.70	75.74	0.00			
	7/18/96				30.85	76.59	0.00			
	8/1/96				31.13	76.31	0.00			
	10/2/96				31.40	76.04	0.00			
	10/9/97				32.34	75.10	0.00			
	11/8/97	105.52	107.44		32.16	75.28	0.00		34.67	Absorptive Boom
	1/22/98				31.56	75.88	0.00	1.00	35.67	Absorptive Boom
	2/18/98				32.68	74.76	0.00	0.10	35.77	Absorptive Boom
	4/2/98		108.23		32.54	75.69	0.00	0.10	35.87	Absorptive Boom, Connected to SVE
	5/5/98				32.49	75.74	0.00	0.10	35.97	Absorptive Boom
	7/7/98				33.37	74.86	0.00	0.10	36.07	Absorptive Boom
	10/2/98				32.75	75.48	0.00	0.10	36.17	Absorptive Boom
	1/14/99				32.21	76.02	0.00		36.17	Absorptive Boom
	4/15/99				32.00	76.23	0.00		36.17	SVE System Activated
	7/13/99				31.50	76.73	0.00		36.17	SVE System
	8/11/99				31.95	76.28	0.00		36.17	SVE System
	9/22/99				31.85	76.38	0.00		36.17	SVE System
	10/28/99				31.55	76.68	0.00		36.17	SVE System
	11/23/99				31.62	76.61	0.00		36.17	SVE System
	12/17/99				31.65	76.58	0.00		36.17	SVE System
	1/13/00				32.57	75.66	0.00		36.17	SVE System
	2/15/00				31.51	76.72	0.00		36.17	SVE System
	3/31/00				32.60	75.63	0.00		36.17	SVE System
	4/27/00				32.52	75.71	0.00		36.17	PSH droplets present during purge
	5/31/00				33.02	75.21	0.00		36.17	SVE System down repaired on June2
	6/30/00				33.10	75.13	0.00		36.17	SVE System down will repair
	7/13/00				32.58	75.65	0.00		36.17	SVE System repaired July 13
	8/30/00				33.10	75.13	0.00		36.17	SVE System
	9/21/00				33.50	74.73	0.00		36.17	SVE System
	10/3/00				33.63	74.60	0.00		36.17	SVE System
	11/29/00				33.07	75.16	0.00		36.17	SVE System
	12/13/00				33.22	75.01	0.00		36.17	SVE System
	1/3/01				33.18	75.05	0.00		36.17	SVE System
	2/6/01				33.05	75.18	0.00		36.17	SVE System
	3/15/01				32.91	75.32	0.00		36.17	SVE System
	4/5/01				32.80	75.43	0.00		36.17	SVE System
	5/3/01				32.87	75.36	0.00		36.17	SVE System
	6/2/01				33.12	75.11	0.00		36.17	SVE System
	7/10/01				33.92	74.31	0.00		36.17	SVE System
	10/2/01				33.92	74.31	0.00		36.17	SVE System
	1/28/02				32.73	75.50	0.00		36.17	SVE System
	2/25/02				32.65	75.58	0.00		36.17	SVE System
	3/25/02				32.65	75.58	0.00		36.17	SVE System
	4/10/02				32.43	75.80	0.00		36.17	SVE System
	5/16/02				32.25	75.98	0.00		36.17	SVE System
	6/17/02				32.31	75.92	0.00		36.17	SVE System
	7/2/02				32.26	75.97	0.00		36.17	SVE System
	9/10/02				32.27	75.96	0.00		36.17	SVE System
	10/8/02				32.20	76.03	0.00		36.17	SVE System
	11/8/02				32.07	76.16	0.00		36.17	SVE System
	1/28/03				32.00	76.23	0.00		36.17	SVE System
	4/2/03				31.75	76.48	0.00		36.17	SVE System
	5/10/03									
	6/26/03									
	7/8/03				32.45	75.78	0.00		36.17	SVE System
	8/20/03									
	9/30/03									
	10/31/03									
	11/12/03									
	12/18/03				33.36	74.87	0.00		36.17	SVE System
	1/21/04									
	3/1/04									

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-8	5/6/04									
(cont.)	5/21/04									
	6/3/04				31.68	76.55	0.00			
	6/18/04				31.66	76.57	0.00			
	7/12/04				31.56	76.67	0.00			
	7/23/04				31.55	76.68	0.00			
	9/3/04				31.62	76.61	0.00			
	9/24/04				31.84	76.39	0.00			
	9/30/04				31.57	76.66	0.00			
	10/15/04				30.54	77.69	0.00			
	11/9/04				30.60	77.63	0.00			
	11/19/04				30.37	77.86	0.00			
	12/7/04				30.06	78.17	0.00			
	12/17/04				30.01	78.22	0.00			
	1/7/05				29.95	77.49	0.00			
	2/21/05				29.71	77.73	0.00			
	3/29/05				29.56	77.88	0.00			
	4/22/05				29.66	77.78	0.00			
	5/6/05				29.42	78.02	0.00			
	5/23/05				29.40	78.04	0.00			
	8/16/05				29.62	77.82	0.00			
	10/5/05				29.16	78.28	0.00			
	11/18/05				28.29	79.15	0.00			
	1/11/06		107.44		28.86	78.58	0.00			
	2/17/06				29.23	78.21	0.00			
	3/15/06				29.12	78.32	0.00			
	4/11/06				29.21	78.23	0.00			
	5/23/06				29.39	78.05	0.00			
	8/9/06				27.16	80.28	0.00			
	9/27/06				28.67	78.77	0.00			
	10/18/06				28.79	78.65	0.00			
	11/22/06				28.71	78.73	0.00			
	12/14/06				28.79	78.65	0.00			
	1/11/07				28.78	78.66	0.00	0.00		
	3/31/07				28.69	78.75	0.00	0.00		
	8/1/07				28.60	78.84	0.00	0.00		
	12/13/07				28.52	78.92	0.00	0.00		
	1/10/08				28.55	78.89				
	2/18/08				28.85	78.59				
	3/31/08				28.81	78.63				
	4/28/08				29.03	78.41				
	5/29/08				29.06	78.38				
	6/30/08				29.31	78.13				
	7/29/08				27.81	79.63				
	8/29/08				29.70	77.74				
	9/30/08		107.44		29.31	78.13				
	10/31/08				29.20	78.24				
	11/26/08				29.13	78.31				
	12/30/08				29.09	78.35				
	1/30/09				29.28	78.16				
	2/26/09				29.15	78.29				
	3/31/09				29.30	78.14				
	4/30/09				29.31	78.13				
	5/29/09				29.52	77.92				
	6/26/09				29.66	77.78				
	7/31/09				29.83	77.61				
	8/28/09				29.91	77.53				
	9/25/09				30.07	77.37				
	10/30/09				30.26	77.18				
	11/27/09				30.28	77.16				
	12/21/09				30.16	77.28				
	1/29/10				30.39	77.05				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-8	2/26/10				30.31	77.13				
(cont.)	3/26/10				30.06	77.38				
	4/30/10				30.02	77.42				
	5/27/10				30.19	77.25				
	6/30/10				30.46	76.98				
	7/30/10				28.52	78.92				
	8/26/10				28.59	78.85				
	9/28/10				28.67	78.77				
	10/29/10				28.97	78.47				
	11/29/10				29.08	78.36				
	12/29/10				29.04	78.40				
	1/28/11				29.52	77.92				
	2/25/11				29.72	77.72				
	3/25/11				29.12	78.32				
	4/29/11				30.32	77.12				
	5/31/11				30.54	76.90				
	6/29/11				30.78	76.66				
	7/29/11				31.10	76.34				
	8/31/11				31.38	76.06				
	9/30/11				31.55	75.89				
	10/28/11				31.63	75.81				
	11/30/11				30.58	76.86				
	12/30/11		107.44		30.67	76.77				
	1/31/12				30.56	76.88				
	2/28/12				30.55	76.89				
	3/30/12				30.54	76.90				
	4/27/12				30.56	76.88				
	5/30/12				30.63	76.81				
	6/27/12				30.64	76.80				
	7/26/12				30.84	76.60				
	8/31/12				31.01	76.43				
	9/27/12				31.13	76.31				
	10/26/12				31.00	76.44				
	11/30/12				30.87	76.57				
	12/27/12				30.78	76.66				
	1/31/13		107.44		30.95	76.49				
	2/28/13		107.44		30.98	76.46				
	3/28/13		107.44		30.89	76.55				
	4/26/13		107.44		30.91	76.53				
	5/24/13		107.44		31.01	76.43				
	6/27/13		107.44		31.20	76.24				
	7/26/13		107.44		31.31	76.13				
	8/29/13		107.44		31.38	76.06				
	9/26/13		107.44		31.44	76.00				
	10/31/13		107.44		31.40	76.04				
	11/26/13		107.44		31.34	76.10				
MW-8	12/27/13		107.44		31.29	76.15				
MW-9	10/17/95	93.76	97.21		31.14	66.07	0.00			
	2/7/96				28.76	68.45	0.00			
	4/3/96				28.82	68.39	0.00			
	6/12/96									
	6/20/96									
	6/27/96									
	7/5/96									
	7/18/96				29.65	67.56	0.00			
	8/1/96									
	10/2/96				30.16	67.05	0.00			
	10/9/97				30.19	67.02	0.00			
	11/8/97	93.76	97.21							No PSH
	1/22/98				30.78	66.43	0.00			
	2/18/98									
	4/2/98				30.59	66.62	0.00			
	5/5/98				30.57	66.64	0.00			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-9 (cont.)	7/7/98				31.33	65.88	0.00			
	10/2/98				31.70	65.51	0.00			
	1/14/99				31.28	65.93	0.00			
	4/15/99				30.93	66.28	0.00			
	7/13/99				30.38	66.83	0.00			
	8/11/99				30.89	66.32	0.00			
	9/22/99				30.06	67.15	0.00			
	10/28/99				30.42	66.79	0.00			
	11/23/99				30.58	66.63	0.00			
	12/17/99				30.62	66.59	0.00			
	1/13/00				30.64	66.57	0.00			
	2/15/00				30.69	66.43	0.00			
	3/31/00				30.75	66.46	0.00			
	4/27/00				30.66	66.55	0.00			
	5/31/00				31.06	66.15	0.00			
	6/30/00				27.43	69.78	0.00			
	7/13/00				27.33	69.88	0.00			
	8/30/00									Well damaged by EPI, not able to access
	9/21/00									Well damaged by EPI, not able to access
	10/3/00									Well damaged by EPI, not able to access
	11/29/00									Well damaged by EPI, not able to access
	12/13/00									Well damaged by EPI, not able to access
	1/3/01									Well damaged by EPI, not able to access
	2/6/01									Well damaged by EPI, not able to access
	3/15/01									Well damaged by EPI, not able to access
	4/5/01		96.16		30.29	65.87	0.00			Well replaced by EPI.
	5/3/01				30.37	65.79	0.00			
	6/2/01				30.61	65.55	0.00			
	7/10/01				30.86	65.30	0.00			
	10/2/01				30.29	65.87	0.00			
	1/28/02				30.21	65.95	0.00			
	2/25/02				30.20	65.96	0.00			
	3/25/02				30.10	66.06	0.00			
	4/10/02				29.70	66.46	0.00			
	5/16/02				29.51	66.65	0.00			
	6/17/02				29.65	66.51	0.00			
	7/2/02				29.36	66.80	0.00			
	9/10/02				28.83	67.33	0.00			
	10/8/02				29.13	67.03	0.00			
	11/8/02				28.65	67.51	0.00			
	1/28/03				28.96	67.20	0.00			
	4/2/03				29.07	67.09	0.00			
	5/10/03									
	6/26/03									
	7/8/03				29.63	66.53	0.00			
	8/20/03									
	9/30/03									
	10/31/03									
	11/12/03									
	12/18/03				30.71	65.45	0.00			
	1/21/04									
	3/1/04									
	5/6/04				27.31	68.85	0.00			
	5/21/04				27.32	68.84	0.00			
	6/3/04				27.52	68.64	0.00			
	6/18/04				27.62	68.54	0.00			
	7/12/04				27.58	68.58	0.00			
	7/23/04				27.73	68.43	0.00			
	9/3/04				27.76	68.40	0.00			
	9/24/04				28.10	68.06	0.00			
	9/30/04				27.86	68.30	0.00			
	10/15/04				25.19	70.97	0.00			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-9 (cont.)	11/9/04				25.52	70.64	0.00			
	11/19/04				25.54	70.62	0.00			
	12/8/04				25.16	71.00	0.00			
	12/17/04				25.27	70.89	0.00			
	1/7/05				25.44	70.72	0.00			
	2/21/05				25.76	70.40	0.00			
	3/29/05				25.78	70.38	0.00			
	4/22/05				25.98	70.18	0.00			
	5/6/05				25.88	70.28	0.00			
	5/23/05				25.83	70.33	0.00			
	8/16/05				26.35	69.81	0.00			
	10/5/05				25.78	70.38	0.00			
	11/18/05				25.61	70.55	0.00			
	1/11/06		96.16		25.75	70.41	0.00			
	2/17/06				26.03	70.13	0.00			
	3/15/06				25.96	70.20	0.00			
	4/11/06				25.91	70.25	0.00			
	5/23/06				26.15	70.01	0.00			
	8/9/06				26.25	69.91	0.00			
	9/27/06				25.18	72.03	0.00			
	10/18/06				27.77	68.39	0.00			
	11/22/06				25.43	71.78	0.00			
	12/14/06				25.54	71.67	0.00			
	1/11/07				25.59	71.62	0.00	0.00		
	3/31/07				25.50	70.66	0.00	0.00		
	8/1/07				25.42	70.74	0.00	0.00		
	12/13/07				25.31	70.85	0.00	0.00		
	1/10/08				25.35	70.81				
	2/18/08				25.65	70.51				
	3/31/08				25.70	70.46				
	4/28/08				26.83	69.33				
	5/29/08				25.89	70.27				
	6/30/08				26.25	69.91				
	7/29/08				26.55	69.61				
	8/29/08				26.56	69.60				
	9/30/08		97.21		26.15	71.06				
	10/31/08				26.10	71.11				
	11/26/08				26.31	70.90				
	12/31/08				26.46	70.75				
	1/30/09				26.42	70.79				
	2/26/09				26.38	70.83				
	3/31/09				26.55	70.66				
	4/30/09				26.59	70.62				
	5/29/09				26.78	70.43				
	6/26/09				26.92	70.29				
	7/31/09				27.06	70.15				
	8/28/09				27.23	69.98				
	9/25/09				27.41	69.80				
	10/30/09				27.61	69.60				
	11/27/09				27.68	69.53				
	12/21/09				27.71	69.50				
	1/29/10				27.86	69.35				
	2/26/10				27.81	69.40				
	3/26/10				27.71	69.50				
	4/30/10				27.69	69.52				
	5/27/10				27.87	69.34				
	6/30/10				28.03	69.18				
	7/30/10				25.74	71.47				
	8/26/10				26.37	70.84				
	9/28/10				26.75	70.46				
	10/29/10				27.08	70.13				
	11/29/10				27.21	70.00				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-9	12/29/10				27.31	69.90				
(cont.)	1/28/11				27.66	69.55				
	2/25/11				27.81	69.40				
	3/25/11				27.94	69.27				
	4/29/11				28.25	68.96				
	5/31/11				28.43	68.78				
	6/29/11				28.62	68.59				
	7/29/11				28.84	68.37				
	8/31/11				29.04	68.17				
	9/30/11				29.21	68.00				
	10/28/11				29.30	67.91				
	11/30/11				28.41	68.80				
	12/30/11		97.21		28.49	68.72				
	1/31/12				28.47	68.74				
	2/28/12				28.49	68.72				
	3/30/12				28.50	68.71				
	4/27/12				28.53	68.68				
	5/30/12				28.62	68.59				
	6/27/12				28.54	68.67				
	7/26/12				28.71	65.50				
	8/31/12				28.87	68.34				
	9/27/12				28.97	68.24				
	10/26/12				29.00	68.21				
	11/30/12				28.98	68.23				
	12/27/12				28.96	68.25				
	1/31/13		97.21		29.00	68.21				
	2/28/13		97.21		29.03	68.18				
	3/28/13		97.21		29.00	68.21				
	4/26/13		97.21		29.03	68.18				
	5/24/13		97.21		29.08	68.13				
	6/27/13		97.21		29.19	68.02				
	7/16/13		97.21		29.31	67.90				
	8/29/13		97.21		29.43	67.78				
	9/26/13		97.21		29.54	67.67				
	10/31/13		97.21		29.60	67.61				
	11/26/13		97.21		29.62	67.59				
MW-9	12/27/13		97.21		29.63	67.58				
MW-10	10/17/95	99.63	102.51		35.41	67.10	0.00			
	2/7/96				34.41	68.10	0.00			
	4/3/96				34.43	68.08	0.00			
	6/12/96									
	6/20/96									
	6/27/96									
	7/5/96									
	7/18/96				35.22	67.29	0.00			
	8/1/96									
	10/2/96				34.79	67.72	0.00			
	10/9/97				34.72	67.79	0.00			
	11/8/97	99.63	102.51							No PSH
	1/22/98				36.46	66.05	0.00			
	2/18/98									
	4/2/98				36.25	66.26	0.00			
	5/5/98				36.27	66.24	0.00			
	7/7/98				35.89	66.62	0.00			
	10/2/98				37.40	65.11	0.00			
	1/14/99				37.04	65.47	0.00			
	4/15/99				36.76	65.75	0.00			
	7/13/99				36.28	66.23	0.00			
	8/11/99				36.70	65.81	0.00			
	9/22/99				36.86	65.65	0.00			
	10/28/99				36.35	66.16	0.00			
	11/23/99				36.39	66.12	0.00			
	12/17/99				36.42	66.09	0.00			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-10 (cont.)	1/13/00				36.42	66.09	0.00			
	2/15/00				36.44	66.07	0.00			
	3/31/00				36.47	66.04	0.00			
	4/27/00				36.42	66.09	0.00			PSH droplets present during purge
	5/31/00				36.90	65.61	0.00			
	6/30/00				36.51	66.00	0.00			
	7/13/00				35.40	67.11	0.00			
	8/30/00				36.34	66.17	0.00			
	9/21/00				36.81	65.70	0.00			
	10/3/00				36.96	65.55	0.00			
	11/29/00				37.15	65.36	0.00			
	12/13/00				37.04	65.47	0.00			
	1/3/01				37.08	65.43	0.00			
	2/6/01				36.98	65.53	0.00			
	3/15/01				36.90	65.61	0.00			
	4/5/01				36.83	65.68	0.00			
	5/3/01				36.90	65.61	0.00			
	6/2/01				37.14	65.37	0.00			
	7/10/01				37.44	65.07	0.00			
	10/2/01				37.05	65.46	0.00			
	1/28/02				36.82	65.69	0.00			
	2/25/02				36.37	66.14	0.00			
	3/25/02				36.63	65.88	0.00			
	4/10/02				36.30	66.21	0.00			
	5/16/02				36.16	66.35	0.00			
	6/17/02				36.26	66.25	0.00			
	7/2/02				36.02	66.49	0.00			
	9/10/02				35.47	67.04	0.00			
	10/8/02				35.72	66.79	0.00			
	11/8/02				35.29	67.22	0.00			
	1/28/03				35.58	66.93	0.00			
	4/2/03				35.63	66.88	0.00			
	5/10/03									
	6/26/03									
	7/8/03				36.20	66.31	0.00			
	8/20/03									
	9/30/03									
	10/31/03									
	11/12/03									
	12/18/03				37.29	65.22	0.00			
	1/21/04									
	3/1/04									
	5/6/04									
	5/21/04				34.35	68.16	0.00			
	6/3/04				34.40	68.11	0.00			
	6/18/04				34.43	68.08	0.00			
	7/12/04				34.38	68.13	0.00			
	7/23/04				34.42	68.09	0.00			
	9/3/04				34.65	67.86	0.00			
	9/24/04				34.75	67.76	0.00			
	9/30/04				33.62	68.89	0.00			
	10/15/04				32.40	70.11	0.00			
	11/9/04				32.71	69.80	0.00			
	11/19/04				32.51	70.00	0.00			
	12/7/04				32.26	70.25	0.00			
	12/17/04				32.32	70.19	0.00			
	1/7/05				32.26	70.25	0.00			
	2/21/05				32.39	70.12	0.00			
	3/29/05				34.40	68.11	0.00			
	4/22/05				33.52	68.99	0.00			
	5/6/05				32.40	70.11	0.00			
	5/23/05				32.38	70.13	0.00			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-10 (cont.)	8/16/05				32.76	69.75	0.00			
	10/5/05				32.28	70.23	0.00			
	11/18/05				32.12	70.39	0.00			
	1/11/06		102.51		32.17	70.34	0.00			
	2/17/06				32.40	70.11	0.00			
	3/15/06				34.41	68.10	0.00			
	4/11/06				32.37	70.14	0.00			
	5/23/06				32.40	70.11	0.00			
	8/9/06				32.69	69.82	0.00			
	9/27/06				31.85	70.66	0.00			
	10/18/06				31.90	70.61	0.00			
	11/22/06				31.99	70.52	0.00			
	12/14/06				32.01	70.50	0.00			
	1/11/07				32.07	70.44	0.00	0.00		
	3/31/07				31.98	70.53	0.00	0.00		
	8/1/07				31.87	70.64	0.00	0.00		
	12/13/07				31.70	70.81	0.00	0.00		
	1/10/08				32.24	70.27				
	2/18/08				32.05	70.46				
	3/31/08				32.16	70.35				
	4/28/08				32.24	70.27				
	5/29/08				32.25	70.26				
	6/30/08				32.53	69.98				
	7/29/08				32.94	69.57				
	8/29/08				33.02	69.49				
	9/30/08		102.51		32.69	69.82				
	10/31/08				32.64	69.87				
	11/26/08				32.57	69.94				
	12/31/08				32.78	69.73				
	1/30/09				32.88	69.63				
	2/26/09				32.83	69.68				
	3/31/09				32.98	69.53				
	4/30/09				33.01	69.50				
	5/29/09				33.16	69.35				
	6/26/09				33.31	69.20				
	7/31/09				33.47	69.04				
	8/28/09				33.62	68.89				
	9/25/09				33.81	68.70				
	10/30/09				34.02	68.49				
	11/27/09				34.11	68.40				
	12/21/09				34.15	68.36				
	1/29/10				34.33	68.18				
	2/26/10				34.31	68.20				
	3/26/10				34.21	68.30				
	4/30/10				34.17	68.34				
	5/27/10				34.34	68.17				
	6/30/10				34.49	68.02				
	7/30/10				32.48	70.03				
	8/26/10				32.86	69.65				
	9/28/10				33.21	69.30				
	10/29/10				33.45	69.06				
	11/29/10				33.55	68.96				
	12/29/10				33.55	68.96				
	1/28/11				33.99	68.52				
	2/25/11				34.15	68.36				
	3/25/11				34.27	68.24				
	4/29/11				34.65	67.86				
	5/31/11				34.82	67.69				
	6/29/11				35.04	67.47				
	7/29/11				35.21	67.30				
	8/31/11				35.42	67.09				
	9/30/11				35.63	66.88				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-10 (cont.)	10/28/11				35.71	66.80				
	11/30/11				34.86	67.65				
	12/30/11		102.51		35.00	67.51				
	1/31/12				34.98	67.53				
	2/28/12				34.98	67.53				
	3/30/12				35.00	67.51				
	4/27/12				35.03	67.48				
	5/30/12				35.12	67.39				
	6/27/12				35.26	67.25				
	7/26/12				35.21	67.30				
	8/31/12				35.36	67.15				
	9/27/12				35.47	67.04				
	10/26/12				35.51	67.00				
	11/30/12				35.49	67.02				
	12/27/12				35.51	67.00				
	1/31/13		102.51		35.55	66.96				
	2/28/13		102.51		35.58	66.93				
	3/28/13		102.51		35.59	66.92				
	4/26/13		102.51		35.57	66.94				
	5/24/13		102.51		35.63	66.88				
	6/27/13		102.51		35.72	66.79				
	7/26/13		102.51		35.85	66.66				
	8/29/13		102.51		35.96	66.55				
	9/26/13		102.51		36.08	66.43				
	10/31/13		102.51		36.15	66.36				
	11/26/13		102.51		36.20	66.31				
MW-10	12/27/13		102.51		36.27	66.24				
MW-11	10/17/95	104.48	105.62	32.33	32.48	73.28	0.15			
	2/7/96			31.66	32.31	73.90	0.65			
	4/3/96			31.40	32.13	74.15	0.73			
	6/12/96			31.76	32.07	73.83	0.31			
	6/20/96			31.91	31.96	73.71	0.05			
	6/27/96				31.78	73.84	0.00			
	7/5/96				32.12	73.50	0.00			
	7/18/96				32.12	73.50	0.00			
	8/1/96				32.37	73.25	0.00			
	10/2/96			32.47	33.14	73.08	0.67			
	10/9/97				32.47	73.15	0.00			
	11/8/97	104.48	105.62		32.47	73.15	0.00		17.49	Absorptive Boom
	1/22/98				32.18	73.44	0.00		17.49	Absorptive Boom
	2/18/98			32.79	32.99	72.81	0.20	1.00	18.49	Absorptive Boom
	4/2/98			32.71	33.48	72.83	0.77	2.00	20.49	Absorptive Boom/Hand Bail
	5/5/98			32.56	33.71	72.95	1.15	2.50	22.99	Absorptive Boom/Hand Bail
	7/7/98			33.20	34.92	72.25	1.72	3.00	25.99	Absorptive Boom/Hand Bail
	10/2/98			33.00	33.75	72.55	0.75	1.50	27.49	Absorptive Boom/Hand Bail
	1/14/99			33.40	33.69	72.19	0.29		27.49	
	4/15/99			32.85	33.53	72.70	0.68		27.49	
	7/13/99			32.43	34.20	73.01	1.77	3.00	30.49	Hand Bail
	8/11/99			32.73	34.89	72.67	2.16	3.50	33.99	Hand Bail
	9/22/99			32.85	33.77	72.68	0.92	0.50	34.49	Absorptive Boom/Hand Bail
	10/28/99			32.78	33.27	72.79	0.49	0.25	34.74	Absorptive Boom/Hand Bail
	11/23/99			32.60	33.53	72.93	0.93	1.00	35.74	Absorptive Boom/Hand Bail
	12/17/99			32.70	33.26	72.86	0.56	1.00	36.74	Absorptive Boom/Hand Bail
	1/13/00			32.70	33.26	72.86	0.56	0.25	36.99	Absorptive Boom/Hand Bail
	2/15/00			32.73	33.55	72.81	0.82	0.50	37.49	Absorptive Boom/Hand Bail
	3/31/00			32.84	33.73	72.69	0.89	0.50	37.99	Absorptive Boom/Hand Bail
	4/27/00			32.52	33.35	73.02	0.83	0.50	38.49	Absorptive Boom/Hand Bail
	5/31/00			33.12	34.33	72.38	1.21	1.00	39.49	Absorptive Boom/Hand Bail
	6/30/00			33.51	33.81	72.08	0.30	0.25	39.74	Absorptive Boom/Hand Bail
	7/13/00				33.24	72.38	0.00	0.25	39.99	Absorptive Boom
	8/30/00				33.43	72.19	0.00	0.25	40.24	Absorptive Boom
	9/21/00				33.75	71.87	0.00	0.25	40.49	Absorptive Boom
	10/3/00				33.73	71.89	0.00	0.00	40.49	Absorptive Boom

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-11 (cont.)	11/29/00				33.55	72.07	0.00	0.25	40.74	Absorptive Boom
	12/13/00				33.30	72.32	0.00	0.00	40.74	Absorptive Boom
	1/3/01				33.28	72.34	0.00	0.00	40.74	Absorptive Boom
	2/6/01				33.26	72.36	0.00	0.25	40.99	Absorptive Boom
	3/15/01				33.20	72.42	0.00	0.25	41.24	Absorptive Boom
	4/5/01				33.10	72.52	0.00	0.25	41.49	Absorptive Boom
	5/3/01				33.17	72.45	0.00	0.25	41.74	Absorptive Boom
	6/2/01				33.40	72.22	0.00	0.25	41.99	Absorptive Boom
	7/10/01			33.94	34.08	71.67	0.14	0.25	41.99	Absorptive Boom
	10/2/01			33.93	33.94	71.69	0.01	0.25	42.24	Absorptive Boom
	1/28/02			33.10	33.13	72.52	0.03	0.25	42.24	Absorptive Boom
	2/25/02				32.97	72.65	0.00	0.25	42.49	Absorptive Boom
	3/25/02				32.94	72.68	0.00	0.25	42.49	Absorptive Boom
	4/10/02				32.83	72.79	0.00	0.25	42.74	Absorptive Boom
	5/16/02			32.69	32.75	72.92	0.06	0.25	42.74	Absorptive Boom
	6/17/02			32.71	32.95	72.89	0.24	0.25	42.99	Absorptive Boom
	7/2/02			32.61	32.72	73.00	0.11	0.25	42.99	Absorptive Boom
	9/10/02			33.12	33.22	72.49	0.10	0.00	42.99	Absorptive Boom
	10/8/02			33.09	33.38	72.50	0.29	0.50	43.49	Skimmer
	11/8/02			33.45	33.61	72.15	0.16	0.50	43.49	
	1/28/03			32.67	32.76	72.94	0.09	0.50	43.99	
	4/2/03				32.13	73.49	0.00	0.00	43.99	
	5/10/03				32.21	73.41	0.00	0.50	44.49	Absorptive Boom
	6/26/03				32.41	73.21	0.00	0.50	44.99	Absorptive Boom
	7/8/03				32.75	72.87	0.00	0.25	45.24	Absorptive Boom
	8/20/03				32.77	72.85	0.00	0.25	45.49	Absorptive Boom
	9/30/03									
	10/31/03				32.88	72.74	0.00	0.25	45.74	Absorptive Boom
	11/12/03									
	12/17/03				33.98	71.64	0.00	0.25	45.99	Absorptive Boom
	1/21/04				34.02	71.60	0.00	0.00	45.99	Absorptive Boom (Changed Out)
	3/1/04				33.45	72.17	0.00	0.00	45.99	Absorptive Boom
	5/6/04				31.88	73.74	0.00	0.00	45.99	Absorptive Boom
	5/21/04				31.88	73.74	0.00	0.00	45.99	Absorptive Boom
	6/3/04				31.70	73.92	0.00	0.00	45.99	Absorptive Boom
	6/18/04				31.54	74.08	0.00	0.00	45.99	Absorptive Boom
	7/12/04				31.48	74.14	0.00	0.00	45.99	Absorptive Boom (Changed Out)
	7/23/04				31.57	74.05	0.00	0.00	45.99	Absorptive Boom
	9/3/04				31.56	74.06	0.00	0.00	45.99	Absorptive Boom (Changed Out)
	9/24/04				31.60	74.02	0.00	0.00	45.99	Absorptive Boom
	9/30/04				31.46	74.16	0.00	0.00	45.99	Absorptive Boom (Changed Out)
	10/15/04				30.80	74.82	0.00	0.00	45.99	Absorptive Boom
	11/9/04				30.40	75.22	0.00	0.00	45.99	Absorptive Boom (Changed Out)
	11/19/04				30.33	75.29	0.00	0.00	45.99	Absorptive Boom
	12/7/04				30.07	75.55	0.00	0.00	45.99	
	12/17/04				29.94	75.68	0.00	0.00	45.99	Absorptive Boom (Changed Out)
	1/7/05				29.74	75.88	0.00	0.00		Absorptive Boom
	2/21/05				29.55	76.07	0.00	0.00		Absorptive Boom
	3/29/05				29.43	76.19	0.00	0.00		
	4/22/05				29.47	76.15	0.00	0.00		Absorptive Boom (Changed Out)
	5/6/05				29.25	76.37	0.00	0.00		
	5/23/05				29.37	76.25	0.00	0.00		
	8/16/05				29.62	76.00	0.00	0.00		
	10/5/05				29.38	76.24	0.00	0.00		
	11/18/05				29.20	76.42	0.00	0.00		
	1/11/06		105.62		28.92	76.70	0.00	0.00		
	2/17/06				29.26	76.36	0.00	0.00		
	3/15/06				29.12	76.50	0.00	0.00		
	4/11/06				29.51	76.11	0.00	0.00		
	5/23/06				29.21	76.41	0.00	0.00		
	8/9/06				29.55	76.07	0.00	0.00		
	9/27/06				28.91	76.71	0.00	0.00		Flipped sock

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-11 (cont.)	10/18/06				28.85	76.77	0.00	0.00		
	11/22/06				28.80	76.82	0.00	0.00		Flipped Sock
	12/14/06				28.75	76.87	0.00	0.00		Flipped sock
	1/11/07				28.77	76.85	0.00	0.00		
	3/31/07				28.73	76.89	0.00	0.00		
	8/1/07				28.70	76.92	0.00	0.00		
	12/13/07				28.66	76.96	0.00	0.00		
	1/10/08				28.69	76.93				
	2/18/08				29.01	76.61				
	3/31/08				28.89	76.73				Changed Sock
	4/28/08				29.00	76.62				
	5/29/08				29.10	76.52				
	6/30/08				29.42	76.20				
	7/29/08				29.58	76.04				
	8/29/08				29.76	75.86				flipped sock
	9/30/08		105.62		29.50	76.12				color
	10/31/08				29.42	76.20				
	11/26/08				29.28	76.34				
	12/30/08				29.21	76.41				
	1/30/09				29.34	76.28				
	2/26/09				29.27	76.35				
	3/31/09				29.39	76.23				Changed Sock
	4/30/09				29.41	76.21				
	5/29/09				29.61	76.01				
	6/26/09				29.76	75.86				
	7/31/09				30.00	75.62				
	8/28/09				30.13	75.49				flipped sock
	9/25/09				30.27	75.35				color
	10/30/09				30.41	75.21				
	11/27/09				30.41	75.21				
	12/21/09				30.38	75.24				
	1/29/10				30.51	75.11				
	2/26/10				30.47	75.15				
	3/26/10				30.28	75.34				
	4/30/10				30.23	75.39				
	5/27/10				30.36	75.26				
	6/30/10				30.69	74.93				
	7/30/10				29.64	75.98				
	8/26/10				29.44	76.18				
	9/28/10				29.41	76.21				
	10/29/10				29.55	76.07				
	11/29/10				29.61	76.01				
	12/29/10				29.61	76.01				
	1/28/11				29.92	75.70				
	2/25/11				30.07	75.55				
	3/25/11				30.19	75.43				
	4/29/11				30.58	75.04				
	5/21/11				30.85	74.77				
	6/29/11				31.14	74.48				
	7/29/11				31.48	74.14				
	8/31/11				31.71	73.91				
	9/30/11				31.85	73.77				
	10/28/11				31.94	73.68				
	11/30/11				30.91	74.71				
	12/30/11		105.62		30.96	74.66				
	1/31/12				30.90	74.72				
	2/28/12				30.84	74.78				
	3/30/12				30.84	74.78				
	4/27/12				30.90	74.72				
	5/30/12				30.99	74.63				
	6/27/12				31.09	74.53				
	7/26/12				31.26	74.36				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-11	8/31/12				31.45	74.17				
(cont.)	9/27/12				31.58	74.04				
	10/26/12				31.38	74.24				
	11/30/12				31.23	74.39				
	12/27/12				31.17	74.45				
	1/31/13		105.62		31.22	74.40				
	2/28/13		105.62		31.23	74.39				
	3/28/13		105.62		31.20	74.42				
	4/26/13		105.62	31.21	31.22	74.41	0.01			
	5/24/13		105.62	31.31	31.42	74.30	0.11			
	6/27/13		105.62	31.57	31.76	74.03	0.19			
	7/26/13		105.62	31.68	31.79	73.93	0.11			
	8/29/13		105.62	31.79	31.90	73.82	0.11			
	9/26/13		105.62	31.89	32.04	73.72	0.15			
	10/31/13		105.62	31.84	31.90	73.77	0.06			
	11/26/13		105.62	31.73	31.86	73.88	0.13			
MW-11	12/27/13		105.62	31.64	31.78	73.97	0.14			
MW-12	10/17/95	Not Surveyed	103.90		32.41	71.49	0.00			
	2/7/96				31.00	72.90	0.00			
	4/3/96				30.91	72.99	0.00			
	6/12/96									
	6/20/96									
	6/27/96									
	7/5/96									
	7/18/96				31.70	72.20	0.00			
	8/1/96									
	10/2/96				32.20	71.70	0.00			
	10/9/97				32.29	71.61	0.00			
	11/8/97	Not Surveyed	103.90							No PSH
	1/22/98				32.62	71.28	0.00			
	2/18/98				32.48	71.42	0.00			
	4/2/98				32.25	71.65	0.00			
	5/5/98				32.42	71.48	0.00			
	7/7/98				33.33	70.57	0.00			
	10/2/98				33.34	70.56	0.00			
	1/14/99				32.68	71.22	0.00			
	4/15/99				32.42	71.48	0.00			
	7/13/99				32.29	71.61	0.00			
	8/11/99				32.62	71.28	0.00			
	9/22/99				32.50	71.40	0.00			
	10/28/99				32.06	71.84	0.00			
	11/23/99				32.04	71.86	0.00			
	12/17/99				30.05	73.85	0.00			
	1/13/00				32.03	71.87	0.00			
	2/15/00				32.05	71.85	0.00			
	3/31/00				32.06	71.84	0.00			
	4/27/00				32.02	71.88	0.00			
	5/31/00				32.66	71.24	0.00			
	6/30/00				32.66	71.24	0.00			
	7/13/00				32.16	71.74	0.00			
	8/30/00				32.48	71.42	0.00			
	9/21/00				32.85	71.05	0.00			
	10/3/00				32.95	70.95	0.00			
	11/29/00				32.74	71.16	0.00			
	12/13/00				32.63	71.27	0.00			
	1/3/01				32.56	71.34	0.00			
	2/6/01				32.48	71.42	0.00			
	3/15/01				32.38	71.52	0.00			
	4/5/01				32.27	71.63	0.00			
	5/3/01				32.33	71.57	0.00			
	6/2/01				32.55	71.35	0.00			
	7/10/01				33.11	70.79	0.00			
	10/2/01				32.99	70.91	0.00			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-12 (cont.)	1/28/02				32.24	71.66	0.00			
	2/25/02				32.17	71.73	0.00			
	3/25/02				32.14	71.76	0.00			
	4/10/02				32.01	71.89	0.00			
	5/16/02				32.09	71.81	0.00			
	6/17/02				32.01	71.89	0.00			
	7/2/02				31.94	71.96	0.00			
	9/10/02				31.48	72.42	0.00			
	10/8/02				31.60	72.30	0.00			
	11/8/02				31.52	72.38	0.00			
	1/28/03				31.27	72.63	0.00			
	4/2/03				31.25	72.65	0.00			
	5/10/03									
	6/26/03									
	7/8/03				31.97	71.93	0.00			
	8/20/03									
	9/30/03									
	10/31/03									
	11/12/03									
	12/18/03				32.81	71.09	0.00			
	1/21/04									
	3/1/04									
	5/6/04				30.94	72.96	0.00			
	5/21/04				30.95	72.95	0.00			
	6/3/04				30.84	73.06	0.00			
	6/18/04				30.81	73.09	0.00			
	7/12/04				30.71	73.19	0.00			
	7/23/04				30.71	73.19	0.00			
	9/3/04				30.68	73.22	0.00			
	9/24/04				30.71	73.19	0.00			
	9/30/04				30.60	73.30	0.00			
	10/15/04				29.90	74.00	0.00			
	11/9/04				29.53	74.37	0.00			
	11/19/04				29.41	74.49	0.00			
	12/7/04				29.09	74.81	0.00			
	12/17/04				28.97	74.93	0.00			
	1/7/05				28.82	75.08	0.00			
	2/21/05				28.68	75.22	0.00			
	3/29/05				28.62	75.28	0.00			
	4/22/05				28.64	75.26	0.00			
	5/6/05				28.57	75.33	0.00			
	5/23/05				28.56	75.34	0.00			
	8/16/05				28.74	75.16	0.00			
	10/5/05				28.47	75.43	0.00			
	11/18/05				28.30	75.60	0.00			
	1/11/06		103.90		28.23	75.67	0.00			
	2/17/06				28.34	75.56	0.00			
	3/15/06				28.41	75.49	0.00			
	4/11/06				28.44	75.46	0.00			
	5/23/06				28.46	75.44	0.00			
	8/9/06				28.69	75.21	0.00			
	9/27/06				28.05	75.85	0.00			
	10/18/06				28.03	75.87	0.00			
	11/22/06				27.98	75.92	0.00			
	12/14/06				27.99	75.91	0.00			
	1/11/07				28.03	75.87	0.00	0.00		
	3/31/07				28.01	75.89	0.00	0.00		
	8/1/07				27.97	75.93	0.00	0.00		
	12/13/07				27.89	76.01	0.00	0.00		
	1/10/08				27.91	75.99				
	2/18/08				28.12	75.78				
	3/31/08				28.18	75.72				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-12 (cont.)	4/28/08				28.30	75.60				
	5/29/08				28.47	75.43				
	6/30/08				28.50	75.40				
	7/29/08				28.69	75.21				
	8/29/08				28.90	75.00				
	9/30/08		103.90		28.72	75.18				
	10/31/08				28.74	75.16				
	11/26/08				28.65	75.25				
	12/30/08				28.61	75.29				
	1/30/09				28.77	75.13				
	2/26/09				28.74	75.16				
	3/31/09				28.81	75.09				
	4/30/09				28.87	75.03				
	5/29/09				28.96	74.94				
	6/26/09				29.07	74.83				
	7/31/09				29.27	74.63				
	8/28/09				29.36	74.54				
	9/25/09				29.52	74.38				
	10/30/09				29.68	74.22				
	11/27/09				29.76	74.14				
	12/21/09				29.80	74.10				
	1/29/10				29.94	73.96				
	2/26/10				29.34	74.56				
	3/26/10				29.83	74.07				
	4/30/10				29.77	74.13				
	5/27/10				29.84	74.06				
	6/30/10				30.04	73.86				
	7/30/10				29.19	74.71				
	8/26/10				28.96	74.94				
	9/28/10				28.87	75.03				
	10/29/10				28.97	74.93				
	11/29/10				29.03	74.87				
	12/29/10				29.11	74.79				
	1/28/11				29.41	74.49				
	2/25/11				29.56	74.34				
	3/25/11				29.70	74.20				
	4/29/11				30.02	73.88				
	5/31/11				30.19	73.71				
	6/29/11				29.35	74.55				
	7/29/11				30.68	73.22				
	8/31/11				30.92	72.98				
	9/30/11				31.18	72.72				
	10/28/11				31.30	72.60				
	11/30/11				30.39	73.51				
	12/30/11		103.90		30.42	73.48				
	1/31/12				30.44	73.46				
	2/28/12				30.38	73.52				
	3/30/12				30.40	73.50				
	4/27/12				30.42	73.48				
	5/30/12				30.51	73.39				
	6/27/12				30.53	73.37				
	7/26/12				30.61	73.29				
	8/31/12				30.77	73.13				
	9/27/12				30.87	73.03				
	10/26/12				30.82	73.08				
	11/30/12				30.73	73.17				
	12/27/12				30.70	73.20				
	1/31/13		103.90		30.75	73.15				
	2/28/13		103.90		30.75	73.15				
	3/28/13		103.90		30.73	73.17				
	4/26/13		103.90		30.80	73.10				
	5/24/13		103.90		30.91	72.99				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
	6/27/13		103.90		31.05	72.85				
	7/26/13		103.90		31.19	72.71				
	8/29/13		103.90		31.27	72.63				
	9/26/13		103.90		31.38	72.52				
	10/31/13		103.90		31.40	72.50				
	11/26/13		103.90		31.34	72.56				
MW-12	12/27/13		103.90		31.26	72.64				
MW-13	10/17/95	Not Surveyed	103.89		32.61	71.28	0.00			
	2/7/96				28.75	75.14	0.00			
	4/3/96				28.61	75.28	0.00			
	6/12/96									
	6/20/96									
	6/27/96									
	7/5/96									
	7/18/96				29.69	74.20	0.00			
	8/1/96									
	10/2/96				31.21	72.68	0.00			
	10/9/97				30.61	73.28	0.00			
	11/8/97	Not Surveyed	103.89							No PSH
	1/22/98				30.25	73.64	0.00			
	2/18/98				30.11	73.78	0.00			
	4/2/98				29.99	73.90	0.00			
	5/5/98				29.99	73.90	0.00			
	7/7/98				30.99	72.90	0.00			
	10/2/98				31.27	72.62	0.00			
	1/14/99				30.60	73.29	0.00			
	4/15/99				30.35	73.54	0.00			
	7/13/99				30.21	73.68	0.00			
	8/11/99				30.58	73.31	0.00			
	9/22/99				30.37	73.52	0.00			
	10/28/99				30.10	73.79	0.00			
	11/23/99				30.06	73.83	0.00			
	12/17/99				28.58	75.31	0.00			
	1/13/00				30.05	73.84	0.00			
	2/15/00				30.03	73.86	0.00			
	3/31/00				30.06	73.83	0.00			
	4/27/00				30.02	73.87	0.00			
	5/31/00				30.66	73.23	0.00			
	6/30/00				30.76	73.13	0.00			
	7/13/00				30.33	73.56	0.00			
	8/30/00				30.80	73.09	0.00			
	9/21/00				31.14	72.75	0.00			
	10/3/00				31.23	72.66	0.00			
	11/29/00				30.81	73.08	0.00			
	12/13/00				30.79	73.10	0.00			
	1/3/01				30.63	73.26	0.00			
	2/6/01				30.52	73.37	0.00			
	3/15/01				30.41	73.48	0.00			
	4/5/01				30.30	73.59	0.00			
	5/3/01				30.37	73.52	0.00			
	6/2/01				30.61	73.28	0.00			
	7/10/01				31.30	72.59	0.00			
	10/2/01				31.05	72.84	0.00			
	1/28/02				30.30	73.59	0.00			
	2/25/02				30.21	73.68	0.00			
	3/25/02				30.17	73.72	0.00			
	4/10/02				30.01	73.88	0.00			
	5/16/02				29.83	74.06	0.00			
	6/17/02				29.90	73.99	0.00			
	7/2/02				29.89	74.00	0.00			
	9/10/02				29.69	74.20	0.00			
	10/8/02				29.83	74.06	0.00			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-13 (cont.)	11/8/02				29.65	74.24	0.00			
	1/28/03				29.41	74.48	0.00			
	4/2/03				29.30	74.59	0.00			
	5/10/03									
	6/26/03									
	7/8/03				30.13	73.76	0.00			
	8/20/03									
	9/30/03									
	10/31/03									
	11/12/03									
	12/18/03				30.88	73.01	0.00			
	1/21/04									
	3/1/04									
	5/6/04				29.27	74.62	0.00			
	5/21/04				29.09	74.80	0.00			
	6/3/04				29.08	74.81	0.00			
	6/18/04				29.10	74.79	0.00			
	7/12/04				29.12	74.77	0.00			
	7/23/04				29.17	74.72	0.00			
	9/3/04				29.19	74.70	0.00			
	9/24/04				29.27	74.62	0.00			
	9/30/04				29.13	74.76	0.00			
	10/15/04				28.46	75.43	0.00			
	11/9/04				28.14	75.75	0.00			
	11/19/04				27.44	76.45	0.00			
	12/7/04				27.68	76.21	0.00			
	12/17/04				27.60	76.29	0.00			
	1/7/05				27.39	76.50	0.00			
	2/21/05				27.16	76.73	0.00			
	3/29/05				26.97	76.92	0.00			
	4/22/05				26.94	76.95	0.00			
	5/6/05				26.80	77.09	0.00			
	5/23/05				26.80	77.09	0.00			
	8/16/05				27.18	76.71	0.00			
	10/5/05				26.82	77.07	0.00			
	11/18/05				26.58	77.31	0.00			
	1/11/06		103.89		26.47	77.42	0.00			
	2/17/06				26.58	77.31	0.00			
	3/15/06				26.57	77.32	0.00			
	4/11/06				26.57	77.32	0.00			
	5/23/06				26.71	77.18	0.00			
	8/9/06				27.12	76.77	0.00			
	9/27/06				26.38	77.51	0.00			
	10/18/06				26.31	77.58	0.00			
	11/22/06				26.23	77.66	0.00			
	12/14/06				26.19	77.70	0.00			
	1/11/07				26.21	77.68	0.00	0.00		
	3/31/07				26.18	77.71	0.00	0.00		
	8/1/07				26.15	77.74	0.00	0.00		
	12/13/07				26.10	77.79	0.00	0.00		
	1/10/08				26.12	77.77				
	2/18/08				26.28	77.61				
	3/31/08				27.39	76.50				
	4/28/08				26.40	77.49				
	5/29/08				26.59	77.30				
	6/30/08				26.65	77.24				
	7/29/08				27.17	76.72				
	8/29/08				27.27	76.62				add sock
	9/30/08		103.89		27.08	76.81				
	10/31/08				26.91	76.98				
	11/26/08				26.77	77.12				
	12/31/08				26.75	77.14				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-13 (cont.)	1/30/09				26.78	77.11				
	2/26/09				26.75	77.14				
	3/31/09				26.83	77.06				
	4/30/09				26.88	77.01				
	5/29/09				27.13	76.76				
	6/26/09				27.38	76.51				
	7/31/09				27.61	76.28				
	8/28/09				27.82	76.07				add sock
	9/25/09				27.91	75.98				
	10/30/09				27.97	75.92				
	11/27/09				27.96	75.93				
	12/21/09				27.94	75.95				
	1/29/10				28.03	75.86				
	2/26/10				27.92	75.97				
	3/26/10				27.76	76.13				
	4/30/10				27.68	76.21				
	5/27/10				27.91	75.98				
	6/30/10				28.28	75.61				
	7/30/10				27.12	76.77				
	8/26/10				26.93	76.96				
	9/28/10				26.99	76.90				
	10/29/10				27.10	76.79				
	11/29/10				27.10	76.79				
	12/29/10				27.22	76.67				
	1/28/11				27.47	76.42				
	2/25/11				27.55	76.34				
	3/25/11				27.66	76.23				
	4/29/11				28.05	75.84				
	5/31/11				28.36	75.53				
	6/29/11				28.76	75.13				
	7/29/11				29.08	74.81				
	8/31/11				29.31	74.58				
	9/30/11				29.37	74.52				
	10/28/11				29.38	74.51				
	11/30/11				28.41	75.48				
	12/30/11		103.89		28.38	75.51				
	1/31/12				28.33	75.56				
	2/28/12				28.25	75.64				
	3/30/12				28.22	75.67				
	4/27/12				28.29	75.60				
	5/30/12				28.39	75.50				
	6/27/12				28.57	75.32				
	7/26/12				28.78	75.11				
	8/31/12				28.97	74.92				
	9/27/12				29.26	74.63				
	10/26/12				28.77	75.12				
	11/30/12				28.66	75.23				
	12/27/12				28.60	75.29				
	1/31/13		103.89		28.63	75.26				
	2/28/13		103.89		28.59	75.30				
	3/28/13		103.89		28.59	75.30				
	4/26/13		103.89		28.62	75.27				
	5/24/13		103.89		28.69	75.20				
	6/27/13		103.89		29.07	74.82				
	7/26/13		103.89		29.14	74.75				
	8/29/13		103.89		29.30	74.59				
	9/26/13		103.89		29.41	74.48				
	10/31/13		103.89		29.24	74.65				
	11/26/13		103.89		29.12	74.77				
MW-13	12/27/13		103.89		29.05	74.84				
RW-1	10/17/95	Not Surveyed	106.40							
	2/7/96									

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-1 (cont.)	4/3/96			27.36	27.37	79.03	0.01			
	6/12/96									
	6/20/96									
	6/27/96									
	7/5/96									
	7/18/96				28.25	78.15	0.00			
	8/1/96				28.47	77.93	0.00			
	10/2/96									
	10/9/97				27.37	79.03	0.00			
	11/8/97	Not Surveyed	106.40							SVE System
	1/22/98				27.37	79.03	0.00			SVE System
	2/18/98				30.87	75.53	0.00			SVE System
	4/2/98				30.78	75.62	0.00			
	5/5/98				30.68	75.72	0.00			
	7/7/98			31.54	31.82	74.83	0.28			
	10/2/98			31.85	32.01	74.53	0.16			
	1/14/99			31.18	31.20	75.22	0.02			
	4/15/99			31.05	31.07	75.35	0.02			SVE System Activated
	7/13/99				30.16	76.24	0.00			SVE System
	8/11/99				31.09	75.31	0.00			SVE System
	9/22/99				29.73	76.67	0.00			SVE System
	10/28/99				30.69	75.71	0.00			SVE System
	11/23/99				30.72	75.68	0.00			SVE System
	12/17/99				28.58	77.82	0.00			SVE System
	1/13/00				30.80	75.60	0.00			SVE System
	2/15/00				28.03	78.37	0.00			SVE System
	3/31/00				30.82	75.58	0.00			SVE System
	4/27/00				30.74	75.66	0.00			SVE System
	5/31/00				31.22	75.18	0.00			SVE System down/Repaired on June 2
	6/30/00				31.30	75.10	0.00			SVE System down will repair
	7/13/00				30.79	75.61	0.00			SVE System repaired July 13
	8/30/00				30.69	75.71	0.00			SVE System
	9/21/00				31.72	74.68	0.00			SVE System
	10/3/00				31.85	74.55	0.00			SVE System
	11/29/00				32.09	74.31	0.00			SVE System
	12/13/00				32.22	74.18	0.00			SVE System
	1/3/01				31.40	75.00	0.00			SVE System
	2/6/01				31.42	74.98	0.00			SVE System
	3/15/01				31.24	75.16	0.00			SVE System
	4/5/01				31.00	75.40	0.00			SVE System
	5/3/01				31.09	75.31	0.00			SVE System
	6/2/01				31.33	75.07	0.00			SVE System
	7/10/01				32.00	74.40	0.00			SVE System
	10/2/01				31.94	74.46	0.00			SVE System
	1/28/02				30.96	75.44	0.00			SVE System
	2/25/02				30.89	75.51	0.00			SVE System
	3/25/02				30.90	75.50	0.00			SVE System
	4/10/02				30.68	75.72	0.00			SVE System
	5/16/02				30.49	75.91	0.00			SVE System
	6/17/02				30.56	75.84	0.00			SVE System
	7/2/02				30.51	75.89	0.00			SVE System
	9/10/02				30.65	75.75	0.00			SVE System
	10/8/02				30.43	75.97	0.00			SVE System
	11/8/02				30.31	76.09	0.00			SVE System
	1/28/03				30.16	76.24	0.00			SVE System
	4/2/03				30.00	76.40	0.00			SVE System
	5/10/03									
	6/26/03									
	7/8/03				30.69	75.71	0.00			SVE System
	8/20/03									
	9/30/03									
	10/31/03									

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-1	11/12/03									
(cont.)	12/18/03				31.68	74.72	0.00			SVE System
	1/21/04									
	3/1/04									
	5/6/04									
	5/21/04									
	6/3/04				29.40	77.00	0.00			
	6/18/04				29.38	77.02	0.00			
	7/12/04				29.28	77.12	0.00			
	7/23/04				29.29	77.11	0.00			
	9/3/04				29.32	77.08	0.00			
	9/27/04				29.47	76.93	0.00			
	9/30/04				29.22	77.18	0.00			
	10/15/04				28.20	78.20	0.00			Absorptive Boom
	11/9/04				28.15	78.25	0.00			Absorptive Boom (changed out)
	11/19/04				28.05	78.35	0.00			
	12/7/04				27.81	78.59	0.00			Absorptive Boom
	12/17/04				27.79	78.61	0.00			
	1/7/05				27.71	78.69	0.00			Changed Absorption Boom
	2/21/05				27.46	78.94	0.00			
	3/29/05				27.34	79.06	0.00			
	4/22/05				27.45	78.95	0.00			
	5/6/05				27.23	79.17	0.00			
	5/23/05				27.21	79.19	0.00			
	8/16/05				27.35	79.05	0.00			
	10/5/05				26.90	79.50	0.00			
	11/18/05				26.60	79.80	0.00			
	1/11/06		106.40		26.66	79.74	0.00			
	2/17/06				26.85	79.55	0.00			
	3/15/06				26.72	79.68	0.00			
	4/11/06				26.78	79.62	0.00			
	5/23/06				26.92	79.48	0.00			
	8/9/06				- -	- -	- -			
	9/27/06				26.19	80.03	0.00			Sock OK
	10/18/06				26.32	80.08	0.00			
	11/22/06				26.23	80.17	0.00			Installed new Sock
	12/14/06				26.28	80.12	0.00			Sock OK
	1/11/07				26.32	80.08	0.00	0.00		Sock OK
	3/31/07				26.27	80.13	0.00	0.00		
	8/1/07				26.24	80.16	0.00	0.00		
	12/13/07				26.21	80.19	0.00	0.00		
	1/10/08				26.22	80.18				
	2/18/08				26.54	79.86				
	3/31/08				26.52	79.88				
	4/28/08				26.70	79.70				
	5/29/08				26.74	79.66				
	6/30/08				27.05	79.35				
	7/29/08				27.94	78.46				
	8/29/08				27.39	79.01				
	9/30/08		106.40		27.02	79.38				
	10/31/08				26.89	79.51				
	11/26/08				26.80	79.60				
	12/30/08				26.76	79.64				
	1/30/09				26.98	79.42				
	2/26/09				26.84	79.56				
	3/31/09				26.99	79.41				
	4/30/09				27.00	79.40				
	5/29/09				27.21	79.19				
	6/26/09				27.34	79.06				
	7/31/09				27.58	78.82				
	8/28/09				27.68	78.72				
	9/25/09				27.81	78.59				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-1	10/30/09				27.99	78.41				
(cont.)	11/27/09				28.02	78.38				
	12/21/09				27.93	78.47				
	1/29/10				28.14	78.26				
	2/26/10				28.04	78.36				
	3/26/10				27.83	78.57				
	4/30/10				27.80	78.60				
	5/27/10				27.95	78.45				
	6/30/10				28.20	78.20				
	7/30/10				26.28	80.12				
	8/26/10				26.38	80.02				
	9/28/10				26.47	79.93				
	10/29/10				26.74	79.66				
	11/29/10				26.82	79.58				
	12/29/10				26.88	79.52				
	1/28/11				27.37	79.03				
	2/25/11				27.53	78.87				
	3/25/11				27.64	78.76				
	4/29/11				28.08	78.32				
	5/31/11				28.28	78.12				
	6/29/11				28.53	77.87				
	7/29/11				28.83	77.57				
	8/31/11				29.10	77.30				
	9/30/11				29.27	77.13				
	10/28/11				29.33	77.07				
	11/30/11				28.31	78.09				
	12/30/11		106.40		28.40	78.00				
	1/31/12				28.31	78.09				
	2/28/12				28.25	78.15				
	3/30/12				28.28	78.12				
	4/27/12				28.30	78.10				
	5/30/12				28.37	78.03				
	6/27/12				28.38	78.02				
	7/26/12				28.57	77.83				
	8/31/12				28.76	77.64				
	9/27/12				28.91	77.49				
	10/26/12				28.74	77.66				
	11/30/12				28.59	77.81				
	12/27/12				28.53	77.87				
	1/31/13		106.40		28.69	77.71				
	2/28/13		106.40		28.72	77.68				
	3/28/13		106.40		28.63	77.77				
	4/26/13		106.40		28.65	77.75				
	5/24/13		106.40		28.75	77.65				
	6/27/13		106.40		28.94	77.46				
	7/26/13		106.40		29.05	77.35				
	8/29/13		106.40		29.11	77.29				
	9/26/13		106.40		29.17	77.23				
	10/31/13		106.40		29.13	77.27				
	11/26/13		106.40		29.07	77.33				
RW-1	12/27/13		106.40		29.02	77.38				
RW-2	10/17/95	Not Surveyed	106.65							
	2/7/96									
	4/3/96			28.75	28.93	77.88	0.18			
	6/12/96									
	6/20/96									
	6/27/96									
	7/5/96									
	7/18/96			29.66	29.81	76.98	0.15			
	8/1/96				30.14	76.51	0.00			
	10/2/96			29.60	29.80	77.03	0.20			
	10/9/97			29.60	29.80	77.03	0.20			
	11/8/97	Not Surveyed	106.65							SVE System

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-2 (cont.)	1/22/98			29.60	29.80	77.03	0.20			SVE System
	2/18/98				30.12	76.53	0.00			SVE System
	4/2/98			30.02	30.11	76.62	0.09			
	5/5/98			30.08	30.11	76.57	0.03			
	7/7/98			30.85	31.10	75.78	0.25			
	10/2/98			31.49	31.52	75.16	0.03			
	1/14/99			30.62	30.75	76.02	0.13			
	4/15/99			30.34	30.55	76.29	0.21			SVE System Activated
	7/13/99				29.70	76.95	0.00			SVE System
	8/11/99			28.54	28.55	78.11	0.01			SVE System
	9/22/99			30.47	30.48	76.18	0.01			SVE System
	10/28/99			30.10	30.11	76.55	0.01			SVE System
	11/23/99				28.82	77.83	0.00			SVE System
	12/17/99				30.10	76.55	0.00			SVE System
	1/13/00				23.72	82.93	0.00			SVE System
	2/15/00				30.09	76.56	0.00			SVE System
	3/31/00				30.12	76.53	0.00			SVE System
	4/27/00			30.03	30.04	76.62	0.01			SVE System
	5/31/00			30.50	30.51	76.15	0.01			SVE System down/Repaired on June 2
	6/30/00			30.41	30.50	76.23	0.09			SVE Sytsem down placed boom in well
	7/13/00				30.42	76.23	0.00			SVE System repaired July 13
	8/30/00				31.31	75.34	0.00			SVE Systerm
	9/21/00			31.09	31.11	75.56	0.02			SVE System
	10/3/00			31.23	31.25	75.42	0.02			SVE System
	11/29/00			30.93	30.98	75.72	0.05			SVE System
	12/13/00				31.03	75.62	0.00			SVE System
	1/3/01			31.04	31.09	75.61	0.05			SVE System
	2/6/01				30.55	76.10	0.00			SVE System
	3/15/01				30.41	76.24	0.00			SVE System
	4/5/01				30.30	76.35	0.00			SVE System
	5/3/01				30.38	76.27	0.00			SVE System
	6/2/01				30.62	76.03	0.00			SVE System
	7/10/01			31.99	32.00	74.66	0.01			SVE System
	10/2/01			31.02	31.10	75.62	0.08			SVE System
	1/28/02			30.23	30.25	76.42	0.02			SVE System
	2/25/02				33.48	73.17	0.00			SVE System
	3/25/02				33.17	73.48	0.00			SVE System
	4/10/02				29.99	76.66	0.00			SVE System
	5/16/02				32.97	73.68	0.00			SVE System
	6/17/02				29.80	76.85	0.00			SVE System
	7/2/02				29.75	76.90	0.00			SVE System
	9/10/02				29.60	77.05	0.00			SVE System
	10/8/02				29.73	76.92	0.00			SVE System
	11/8/02				29.64	77.01	0.00			SVE System
	1/28/03				29.51	77.14	0.00			SVE System
	4/2/03				29.34	77.31	0.00			SVE System
	5/10/03									
	6/26/03									
	7/8/03				29.94	76.71	0.00			SVE System
	8/20/03									
	9/30/03									
	10/31/03									
	11/12/03									
	12/18/03				30.90	75.75	0.00			SVE System
	1/21/04									
	3/1/04									
	5/6/04									
	5/21/04									
	6/3/04				29.25	77.40	0.00			
	6/18/04				29.20	77.45	0.00			
	7/12/04				29.14	77.51	0.00			
	7/23/04				29.13	77.52	0.00			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-2 (cont.)	9/3/04				29.08	77.57	0.00			
	9/24/04				29.30	77.35	0.00			
	9/30/04				28.36	78.29	0.00			
	10/15/04				27.85	78.80	0.00			
	11/9/04				27.97	78.68	0.00			
	11/19/04				27.91	78.74	0.00			
	12/7/01				27.40	79.25	0.00			
	12/17/04				28.53	78.12	0.00			Absorbtive boom
	1/7/05				27.37	79.28	0.00			Changed Absorption Boom
	2/21/05				27.23	79.42	0.00			Absorption Boom
	3/29/05				26.96	79.69	0.00			
	4/22/05				27.09	79.56	0.00			
	5/6/05				27.04	79.61	0.00			
	5/23/05				27.01	79.64	0.00			
	8/16/05				27.09	79.56	0.00			
	10/5/05				26.62	80.03	0.00			
	11/18/05				26.41	80.24	0.00			
	1/11/06		106.65		26.35	80.30	0.00			
	2/17/06				26.68	79.97	0.00			
	3/15/06				26.61	80.04	0.00			
	4/11/06				26.52	80.13	0.00			
	5/23/06				26.65	80.00	0.00			
	8/9/06				- -	- -	- -			
	9/27/06				26.02	80.63	0.00			Flipped sock
	10/18/06				26.05	80.60	0.00			Flipped sock
	11/22/06				26.03	80.62	0.00			
	12/14/06				26.04	80.61	0.00			Flipped sock
	1/11/07				26.05	80.60	0.00	0.00		Installed new sock
	3/31/07				26.03	80.62	0.00	0.00		
	8/1/07				26.01	80.64	0.00	0.00		
	12/13/07				25.99	80.66	0.00	0.00		
	1/10/08				25.99	80.66				
	2/18/08				26.31	80.34				
	3/31/08				27.25	79.40				
	4/28/08				26.42	80.23				
	5/29/08				26.51	80.14				
	6/30/08				26.81	79.84				
	7/29/08				27.01	79.64				odor
	8/29/08				27.17	79.48				
	9/30/08		106.65		27.04	79.61				
	10/31/08				26.99	79.66				
	11/26/08				26.52	80.13				
	12/30/08				26.51	80.14				
	1/30/09				26.64	80.01				
	2/26/09				26.52	80.13				
	3/31/09				26.66	79.99				
	4/30/09				26.66	79.99				
	5/29/09				26.85	79.80				
	6/26/09				27.04	79.61				
	7/31/09				27.28	79.37				
	8/28/09				27.36	79.29				
	9/25/09				27.54	79.11				
	10/30/09				27.70	78.95				
	11/27/09				27.77	78.88				
	12/21/09				27.72	78.93				
	1/29/10				27.85	78.80				
	2/26/10				27.77	78.88				
	3/26/10				27.60	79.05				
	4/30/10				27.49	79.16				
	5/27/10				27.65	79.00				
	6/30/10				27.90	78.75				
	7/30/10				25.96	80.69				

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-2 (cont.)	8/26/10				25.93	80.72				
	9/28/10				25.98	80.67				
	10/29/10				26.34	80.31				
	11/29/10				26.39	80.26				
	12/29/10				26.51	80.14				
	1/28/11				26.96	79.69				
	2/25/11				27.16	79.49				
	3/25/11				27.25	79.40				
	4/29/11				27.69	78.96				
	5/31/11				27.89	78.76				
	6/29/11				28.14	78.51				
	7/29/11				28.47	78.18				
	8/31/11				28.75	77.90				
	9/30/11				28.93	77.72				
	10/28/11				28.99	77.66				
	11/30/11				28.04	78.61				
	12/30/11		106.65		28.19	78.46				
	1/31/12				28.05	78.60				
	2/28/12				27.99	78.66				
	3/30/12				27.98	78.67				
	4/27/12				27.97	78.68				
	5/30/12				28.06	78.59				
	6/27/12				28.09	78.56				
	7/26/12				28.23	78.42				
	8/31/12				28.40	78.25				
	9/27/12				28.55	78.10				
	10/26/12				28.42	78.23				
	11/30/12				28.31	78.34				
	12/27/12				28.24	78.41				
	1/31/13		106.65		28.35	78.30				
	2/28/13		106.65		28.39	78.26				
	3/28/13		106.65		28.35	78.30				
	4/26/13		106.65		28.32	78.33				
	5/24/13		106.65		28.40	78.25				
	6/27/13		106.65		28.56	78.09				
	7/26/13		106.65		28.70	77.95				
	8/29/13		106.65		28.25	78.40				
	9/26/13		106.65		28.83	77.82				
	10/31/13		106.65		28.81	77.84				
	11/26/13		106.65		28.75	77.90				
RW-2	12/27/13		106.65		28.71	77.94				

* Measured from a relative datum (benckmark = 100 feet).

** Correction Equation for Phase-Separated Hydrocarbons: Corrected Groundwater Elevation = Top of Casing Elevation - [Depth to Water Below Top of Casing - (SG)(PSH Thickness)]. Specific Gravity (SG) = 0.9 for crude oil.

Note 1: Total recovery: 101.61 gallons by manual means.

Note 2: The SVE System blower failed on 3/12/98. The system was reactivated on 4/15/99.

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICA PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-1	10/17/95	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	02/07/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	04/03/96	Not Sampled								
	07/18/96	Not Sampled								
	10/02/96	**0.29**	<0.003	0.12	<0.003	0.41				
	10/09/97	Not Sampled								
	01/22/98	Not Sampled								
	05/05/98	Not Sampled								
	07/08/98	Not Sampled								
	10/02/98	Not Sampled								
	01/14/99	Not Sampled								
	04/15/99	Not Sampled								
	01/13/00	Not Sampled								
	04/28/00	Not Sampled								
	10/06/00	Not Sampled								
	01/03/01	Not Sampled								
	04/05/01	Not Sampled								
	07/10/01	Not Sampled								
	10/03/01	Not Sampled								
	01/28/02	Not Sampled								
	04/10/02	Not Sampled								
	07/02/02	Not Sampled								
	10/08/02	Not Sampled								
	01/29/03	Not Sampled								
	04/02/03	**0.372**	ND	0.0981	0.0403	0.5104				
	07/08/03	Not Sampled								
	12/18/03	**0.403**	ND	0.076	0.020	0.499				
	05/06/04	**0.263**	<0.001	0.050	0.012	0.325	1.05	14.7		15.75
	07/23/04	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	09/30/04	**0.122**	<0.001	0.018	0.009	0.148	<0.5	1.39		1.39
	12/17/04	**0.097**	<0.001	0.011	0.012	0.120				
	03/29/05	**0.265**	<0.001	0.031	0.019	0.315				
	05/23/05	**0.174**	<0.001	0.042	0.032	0.248				
	08/16/05	**0.283**	<0.001	0.046	0.031	0.360				
	11/18/05	**0.100**	<0.001	0.035	0.023	0.158				
	02/17/06	**0.272**	<0.005	0.078	0.024	0.374				
	05/23/06	**0.219**	<0.001	0.0716	0.0474	0.338				
	08/09/06	**0.187**	<0.001	0.0647	0.0439	0.296				
	11/22/06	**0.174**	<0.001	0.0154	0.0292	0.219				
	03/31/07	**0.129**	<0.001	0.0274	0.0284	0.185				
	08/01/07	**0.2070**	<0.0100	0.0454	0.387	0.2911				
	12/13/07	**0.1687**	ND	0.0351	0.036	0.2401				
	03/31/08	**0.0915**	0.0027	0.0055	0.008	0.1074				
	06/30/08	**0.2111**	0.0045	0.0300	0.010	0.2559	1.55	ND	ND	1.55
	09/30/08	**0.3516**	0.0603	0.0530	0.0372	0.5021				
	12/30/08	**0.3155**	ND	0.0565	ND	0.3720	3.54	1.88	ND	5.42
	03/31/09	**0.1453**	ND	0.0386	0.019	0.2030				
	06/26/09	**0.3280**	0.212	ND	ND	0.5400				
	09/25/09	**0.3140**	ND	0.0730	ND	0.3870				
	12/21/09	**0.3203**	ND	0.0721	0.036	0.4279				

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICA PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-1 cont.	03/26/10	**0.2837**	ND	0.0633	0.0222	0.3692				
	6/30/10	**0.3557**	ND	0.0724	0.0149	0.443				
	9/28/10	**0.1313**	ND	0.0207	0.015	0.167				
	12/30/10	**0.1362**	ND	ND	ND	0.1362				
	3/25/11	**0.3720**	ND	0.0416	ND	0.414				
	6/29/11	**0.3980**	ND	0.0855	0.101	0.585				
	9/30/11	**0.3680**	ND	0.0582	ND	0.426				
	12/30/11	**0.3130**	ND	0.081	ND	0.394				
	3/30/12	**0.3130**	ND	0.0578	0.0200	0.371				
	6/27/12	**0.254**	ND	0.0573	ND	0.311				
	9/27/12	**0.2880**	ND	0.0514	0.0130	0.352				
	12/27/12	**0.2670**	ND	0.458	0.0179	0.311				
	3/28/13	**0.205**	ND	0.0397	0.0140	0.259				
	6/27/13	**0.444**	ND	0.0963	0.0112	0.552				
	9/26/13	**Not Sampled due to PSH**								
	12/27/13	**Not Sampled due to PSH**								
MW-2	10/17/95	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	02/07/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	04/03/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	07/18/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	10/02/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	10/09/97	Not Sampled								
	01/22/98	Not Sampled								
	05/05/98	Not Sampled								
	07/08/98	Not Sampled								
	10/02/98	Not Sampled								
	01/14/99	Not Sampled								
	04/15/99	Not Sampled								
	01/13/00	Not Sampled								
	04/28/00	Not Sampled								
	10/06/00	Not Sampled								
	01/03/01	Not Sampled								
	04/05/01	Not Sampled								
	07/10/01	Not Sampled								
	10/03/01	Not Sampled								
	01/28/02	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	04/10/02	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	07/02/02	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	10/08/02	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	01/29/03	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	04/02/03	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	07/08/03	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	12/18/03	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	05/06/04	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	07/23/04	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	09/30/04	**0.638**	0.065	0.379	**0.841**	1.92	20.5	70.7		91.2
	12/17/04	**0.482**	0.022	0.442	**0.779**	1.72				
	3/29/05	**0.357**	0.0396	0.155	0.206	0.76				
	5/23/05	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	08/16/05	**0.422**	<0.001	0.172	0.202	0.80				

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICA PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-2 cont.	11/18/05	0.341	<0.001	0.168	0.126	0.64				
	02/17/06	0.587	<0.05	0.529	0.505	1.62				
	05/23/06	0.599	<0.01	0.237	0.182	1.02				
	08/09/06	0.575	<0.01	0.188	0.112	0.875				
	11/22/06	0.577	<0.01	0.135	0.0722	0.784				
	03/31/07	0.665	<0.01	0.160	0.0440	0.869				
	08/01/07	0.640	<0.0100	0.1605	0.0381	0.8387				
	12/13/07	0.539	ND	0.0955	ND	0.6340				
	03/31/08	0.7380	ND	0.1577	0.053	0.9489				
	06/30/08	0.8336	0.0107	0.1227	0.058	1.0250	4.57	2.44	ND	7.01
	09/30/08	0.7206	0.0509	0.0831	0.051	0.9055				
	12/30/08	0.9645	ND	0.1245	ND	1.0890	7.97	12.90	ND	20.87
	03/31/09	0.8256	ND	0.1024	0.047	0.9746				
	06/26/09	0.9340	ND	ND	ND	0.9340				
	09/25/09	0.6570	ND	0.1925	0.1485	0.9980				
	12/21/09	0.8145	ND	0.1690	0.102	1.0850				
	03/26/10	1.7680	ND	0.2405	0.1570	2.1655				
	06/30/10	1.013	ND	0.202	0.172	1.387				
	09/28/10	0.733	ND	0.0917	0.0297	0.8544				
	12/30/10	0.799	ND	ND	0.129	0.9275				
	03/25/11	1.6100	ND	0.246	0.128	1.98				
	06/29/11	2.0100	ND	0.292	0.185	2.49				
	09/30/11	1.8300	ND	0.285	0.266	2.38				
	12/30/11	1.9400	ND	0.338	0.235	2.51				
	03/30/12	1.95	ND	0.347	0.426	2.72				
	06/27/12	1.30	ND	0.213	0.129	1.64				
	09/27/12	1.77	ND	0.164	0.124	2.06				
	12/27/12	1.53	ND	0.179	0.135	1.84				
	3/28/13	1.30	ND	0.146	0.151	1.60				
	6/27/13	Not Sampled due to PSH								
	9/26/13	Not Sampled due to PSH								
	12/27/13	Not Sampled due to PSH								
MW-3	02/16/93	2.500	0.010	0.370	0.640	3.520				
	10/17/95	2.000	ND	0.120	0.120	2.240				
	10/02/96	1.900	ND	0.320	ND	2.220				
	04/10/97	1.000	ND	0.290	ND	1.290				
	10/09/97	1.500	ND	0.280	0.028	1.808				
	05/05/98	1.200	ND	0.130	0.012	1.342				
	04/15/99	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	04/28/00	2.800	ND	0.190	ND	2.990				
	04/10/02	1.470	0.006	0.341	0.399	2.220				
	01/29/03	NS	NS	NS	NS	NS				
	04/02/03	1.540	ND	0.213	0.0815	1.835				
	07/08/03	Not Sampled								
	12/18/03	0.959	ND	0.039	0.0072	1.01				
	05/06/04	0.803	<0.001	0.132	0.047	0.982	2.71	7.51		10.22
	07/23/04	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	09/30/04	1.45	0.003	0.176	0.0761	1.71	3.41	<0.5		3.41
	12/17/04	<0.001	<0.001	<0.001	<0.003	<0.006				
	03/29/05	0.962	<0.001	<0.001	<0.003	0.962				

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICA PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-3 cont.	05/23/05	0.007	<0.001	<0.001	<0.003	0.007				
	08/16/05	**0.028**	<0.001	0.002	0.003	0.03				
	11/18/05	**0.013**	<0.001	<0.001	<0.003	0.013				
	02/17/06	**0.257**	<0.005	0.0283	0.177	0.462				
	05/23/06	**0.242**	<0.002	0.0331	0.0294	0.305				
	08/09/06	**0.421**	<0.005	0.0844	0.0280	0.533				
	11/22/06	0.00934	<0.001	<0.001	<0.003	0.00934				
	03/31/07	**0.120**	<0.001	0.0391	<0.003	0.159				
	08/01/07	0.00560	<0.0010	<0.0010	<0.0030	0.0056				
	12/13/07	ND	ND	ND	ND	ND				
	03/31/08	**0.0906**	ND	0.0037	ND	0.0943				
	06/30/08	**0.1805**	0.0028	0.0129	0.0045	0.2007	ND	ND	ND	ND
	09/30/08	**0.2517**	0.0231	0.0158	ND	0.2906				
	12/30/08	**0.3475**	0.11	0.0950	0.221	0.7730	ND	2.61	ND	2.61
	03/31/09	**0.9449**	0.3079	0.1205	0.087	1.4600				
	06/26/09	**0.7060**	ND	ND	ND	0.7060				
	09/25/09	**1.3040**	ND	0.2275	ND	1.5315				
	12/21/09	**1.3740**	ND	0.1990	ND	1.5730				
	03/26/10	**1.9220**	ND	0.3940	ND	2.3160				
	06/30/10	**1.4970**	ND	0.3220	0.1565	1.9755				
	09/28/10	**0.0768**	0.0021	0.0150	0.0358	0.1297				
	12/30/10	**0.5640**	ND	0.2145	0.268	1.0465				
	03/25/11	**1.0000**	ND	0.1830	0.0870	1.2700				
	06/29/11	**0.3680**	ND	0.0915	ND	0.4600				
	09/30/11	**1.5200**	ND	0.3100	0.1420	1.9700				
	12/30/11	**1.3500**	ND	0.3810	0.184	1.9200				
	03/30/12	**1.7000**	N	0.4680	0.233	2.4000				
	06/27/12	**1.6400**	ND	0.5080	0.319	2.4700				
	09/27/12	**1.6100**	ND	0.3290	0.231	2.1700				
	12/27/12	**1.9000**	ND	0.4740	0.321	2.7000				
	3/28/13	**1.64**	ND	0.331	0.205	**2.08**				
	6/27/13	**3.07**	ND	0.640	0.500	**4.21**				
	9/26/13	**1.91**	ND	0.527	0.483	**2.92**				
	12/27/13	Not Sampled								
MW-4	02/16/93	ND	ND	ND	ND	ND				
	10/17/95	ND	ND	ND	ND	ND				
	02/07/96	ND	ND	ND	ND	ND	ND	ND		ND
	04/03/96	ND	ND	ND	ND	ND				
	07/18/96	ND	ND	ND	ND	ND				
	10/02/96	ND	ND	ND	ND	ND				
	01/22/97	ND	ND	ND	ND	ND	ND	ND		ND
	04/10/97	ND	ND	ND	ND	ND				
	07/16/97	ND	ND	ND	ND	ND				
	10/09/97	ND	ND	ND	ND	ND				
	01/22/98	ND	ND	ND	ND	ND	ND	ND		ND
	05/05/98	ND	ND	ND	ND	ND				
	07/08/98	ND	ND	ND	ND	ND				
	10/02/98	ND	ND	ND	ND	ND				
	01/14/99	ND	ND	ND	ND	ND	ND	ND		ND
	04/15/99	ND	ND	ND	ND	ND				

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICA PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-4 cont.	07/13/99	ND	ND	ND	ND	ND				
	10/13/99	ND	ND	ND	ND	ND				
	01/13/00	ND	ND	ND	ND	ND	ND	ND		ND
	04/29/00	ND	ND	ND	ND	ND				
	07/12/00	ND	ND	ND	ND	ND				
	10/03/00	ND	ND	ND	ND	ND				
	01/03/01	ND	ND	ND	ND	ND	ND	ND		ND
	04/05/01	0.006	ND	ND	ND	0.006				
	07/10/01	ND	ND	ND	ND	ND				
	10/02/01	ND	ND	ND	ND	ND				
	01/28/02	ND	ND	ND	ND	ND	ND	ND		ND
	04/10/02	ND	ND	ND	ND	ND				
	07/02/02	ND	ND	ND	ND	ND				
	10/08/02	ND	ND	ND	ND	ND				
	01/29/03	ND	ND	ND	ND	ND	ND	ND		ND
	04/02/03	ND	ND	ND	ND	ND				
	07/08/03	ND	ND	ND	ND	ND				
	12/18/03	ND	ND	ND	ND	ND				
	05/06/04	Not Sampled								
	07/23/04	<0.001	<0.001	<0.001	<0.003	<0.006	0.629	2.41		3.04
	09/30/04	Not Sampled								
	12/17/04	Not Sampled								
	03/29/05	Monitor Well entered into Annual Sampling								
	05/23/05	Monitor Well entered into Annual Sampling								
	08/16/05	<0.001	<0.001	<0.001	<0.003	<0.006				
	11/18/05	Monitor Well entered into Annual Sampling								
	02/17/06	<0.001	<0.001	<0.001	<0.003	<0.006				
	05/23/06	Not Sampled A								
	08/09/06	<0.001	<0.001	0.0225	<0.003	0.0225				
	11/22/06	Not Sampled A								
	03/31/07	0.00146	<0.001	<0.001	<0.003	0.00146				
	08/01/07	<0.0010	<0.0010	<0.0010	<0.0030	<0.0060				
	12/13/07					Not Sampled A				
	03/31/08	Not Sampled A								
	06/30/08	ND	ND	ND	ND	ND	- -	- -	- -	- -
	09/30/08	Not Sampled A								
	12/30/08	0.0043	0.0121	0.0040	0.0064	0.0268	- -	- -	- -	- -
	03/31/09	Not Sampled A								
	06/26/09	ND	ND	ND	ND	ND				
	09/25/09	Not Sampled A								
	12/21/09	ND	ND	ND	ND	ND				
	06/30/10	ND	ND	ND	ND	ND				
	12/30/10	ND	ND	ND	ND	0				
	03/25/11	Not Sampled								
	06/29/11	ND	ND	ND	ND	ND				
	09/30/11	Not Sampled								
	12/30/11	ND	ND	ND	ND	ND				
	12/27/12	ND	ND	ND	ND	ND				
	3/28/13	ND	ND	ND	ND	ND				
	6/27/13	Not Sampled [A]								

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICA PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-4	9/26/13	Not Sampled [A]								
	12/27/13	Not Sampled [A]								
MW-5	02/16/93	ND	ND	0.002	0.004	0.006				
	10/17/95	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	02/07/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	04/03/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	07/18/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	10/02/96	0.002	ND	0.010	0.006	0.018				
	01/22/97	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	04/10/97	0.001	ND	0.012	0.005	0.018				
	07/16/97	0.001	ND	0.010	0.011	0.022				
	10/09/97	0.001	ND	0.006	0.001	0.008				
	01/22/98	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	05/05/98	0.002	ND	0.010	0.008	0.020				
	07/08/98	ND	ND	0.003	0.002	0.005				
	10/02/98	ND	ND	0.002	0.003	0.005				
	01/14/99	ND	ND	ND	ND	ND	ND	ND		ND
	04/15/99	ND	ND	0.007	0.004	0.011				
	07/13/99	ND	ND	0.010	0.015	0.025				
	10/13/99	ND	ND	0.005	0.002	0.007				
	01/13/00	ND	ND	0.002	ND	0.002	0.002	0.001		ND
	04/28/00	ND	ND	0.003	ND	0.003				
	07/12/00	ND	ND	ND	ND	ND				
	10/06/00	ND	ND	ND	ND	ND				
	01/03/01	ND	ND	ND	ND	ND	ND	ND		ND
	04/05/01	ND	ND	ND	ND	ND				
	07/10/01	ND	ND	ND	ND	ND				
	10/02/01	ND	ND	ND	ND	ND				
	01/28/02	ND	ND	ND	ND	ND	ND	ND		ND
	04/10/02	ND	ND	ND	ND	ND				
	07/02/02	ND	ND	ND	ND	ND				
	10/08/02	ND	ND	ND	ND	ND				
	01/29/03	0.0067	ND	ND	ND	0.0067	ND	ND		ND
	04/02/03	ND	ND	ND	ND	ND				
	07/08/03	ND	ND	ND	0.0488	0.0488				
	12/18/03	ND	ND	ND	ND	ND				
	05/06/04	Not Sampled								
	07/23/04	Not Sampled								
	09/30/04	Not Sampled								
	12/17/04	Not Sampled								
	03/29/05	Not Sampled								
	05/23/05	Not Sampled								
	08/16/05	Not Sampled								
	11/18/05	Not Sampled								
	02/17/06	Not Sampled A								
	05/23/06	Not Sampled A								
	08/09/06	Not Sampled A								
	11/22/06	Not Sampled A								
	03/31/07	Not Sampled A								
	08/01/07	Not Sampled A								

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICA PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-5 cont.	12/13/07	Not Sampled A								
	03/31/08	Not Sampled A								
	06/30/08	Not Sampled A								
	09/30/08	Not Sampled A								
	12/30/08	Not Sampled A								
	03/31/09	Not Sampled A								
	06/26/09	Not Sampled A								
	09/25/09	Not Sampled A								
	12/21/09	Not Sampled A								
	03/26/10	Not Sampled A								
	06/30/10	Not Sampled A								
	09/28/10	Not Sampled A								
	12/30/10	Not Sampled A								
	03/25/11	Not Sampled A								
	06/29/11	Not Sampled A								
	09/30/11	Not Sampled A								
	12/30/11	Not Sampled A								
	03/30/12	Not Sampled A								
	06/27/12	Not Sampled A								
	09/27/12	Not Sampled A								
	12/27/12	Not Sampled A								
	3/28/13	Not Sampled [A]								
	6/27/13	Not Sampled [A]								
	9/26/13	Not Sampled [A]								
	12/27/13	Not Sampled [A]								
MW-6	02/16/93	0.002	0.001	ND	0.091	0.094				
	10/17/95	ND	0.002	0.021	0.021	0.044				
	02/07/96	ND	ND	0.002	0.009	0.011	ND	ND		ND
	04/03/96	ND	ND	0.004	0.004	0.008				
	07/18/96	ND	0.003	ND	ND	0.003				
	10/02/96	ND	ND	ND	ND	ND				
	01/22/97	ND	ND	ND	ND	ND	ND	ND		ND
	04/10/97	ND	ND	ND	ND	ND				
	07/16/97	0.001	0.001	0.001	ND	0.003				
	10/09/97	ND	0.002	0.005	0.006	0.013				
	01/22/98	0.007	ND	ND	ND	0.007	0.004	0.002		0.006
	05/05/98	0.001	ND	0.001	0.010	0.012				
	07/08/98	ND	ND	ND	ND	ND				
	10/02/98	ND	ND	ND	ND	ND				
	01/14/99	ND	ND	ND	ND	ND	ND	ND		ND
	04/15/99	ND	ND	ND	ND	ND				
	07/13/99	ND	ND	0.008	0.005	0.013				
	10/13/99	ND	ND	0.004	0.006	0.010				
	01/13/00	ND	ND	0.002	ND	0.002	0.002	ND		ND
	04/28/00	ND	ND	0.002	ND	0.002				
	07/12/00	0.001	0.001	0.006	0.003	0.011				
	10/06/00	ND	ND	ND	ND	ND				
	01/03/01	ND	ND	ND	ND	ND	0.017	ND		ND
	04/04/01	0.007	ND	0.013	0.033	0.053				
	07/10/01	ND	ND	ND	ND	ND				

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICA PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-6 cont.	10/02/01	ND	ND	ND	ND	ND				
	01/28/02	ND	ND	ND	ND	ND	ND	ND		ND
	04/10/02	0.001	ND	0.003	0.003	0.008				
	07/02/02	ND	ND	ND	ND	ND				
	10/08/02	ND	ND	0.002	ND	0.002				
	01/29/03	ND	ND	ND	ND	ND	ND	ND		ND
	04/02/03	0.0014	ND	0.0012	0.0012	0.0038				
	07/08/03	ND	ND	0.0010	0.0040	0.0050				
	12/18/03	ND	ND	ND	ND	ND				
	05/06/04	Not Sampled								
	07/23/04	Not Sampled								
	09/30/04	Not Sampled								
	12/17/04	Not Sampled								
	03/29/05	Not Sampled								
	05/23/05	Not Sampled								
	08/16/05	Not Sampled								
	11/18/05	Not Sampled								
	02/17/06	Not Sampled A								
	05/23/06	Not Sampled A								
	08/09/06	Not Sampled A								
	11/22/06	Not Sampled A								
	03/31/07	Not Sampled A								
	08/01/07	Not Sampled A								
	12/13/07	Not Sampled A								
	03/31/08	Not Sampled A								
	06/30/08	Not Sampled A								
	09/30/08	Not Sampled A								
	12/30/08	Not Sampled A								
	03/31/09	Not Sampled A								
	06/26/09	Not Sampled A								
	09/25/09	Not Sampled A								
	12/21/09	Not Sampled A								
	03/26/10	Not Sampled A								
	06/30/10	Not Sampled A								
	09/28/10	Not Sampled A								
	12/30/10	Not Sampled A								
	03/25/11	Not Sampled A								
	06/29/11	Not Sampled A								
	09/30/11	Not Sampled A								
	12/30/11	Not Sampled A								
	03/30/12	Not Sampled A								
	06/27/12	Not Sampled A								
	09/27/12	Not Sampled A								
	12/27/12	Not Sampled A								
	3/28/13	Not Sampled [A]								
	6/27/13	Not Sampled [A]								
	9/26/13	Not Sampled [A]								
	12/27/13	Not Sampled [A]								
MW-7	02/16/93	ND	ND	ND	ND	ND				
	10/17/95	ND	ND	ND	ND	ND				

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICA PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-7 cont.	02/07/96	ND	ND	ND	ND	ND	ND	ND		ND
	04/03/96	ND	ND	ND	ND	ND				
	07/18/96	ND	ND	ND	ND	ND				
	10/02/96	ND	ND	ND	ND	ND				
	01/22/97	ND	ND	ND	ND	ND	ND	ND		ND
	04/10/97	ND	ND	ND	ND	ND				
	07/16/97	ND	ND	ND	ND	ND				
	10/09/97	ND	ND	ND	ND	ND				
	01/22/98	ND	ND	ND	ND	ND	ND	ND		ND
	05/05/98	ND	ND	ND	ND	ND				
	07/08/98	ND	ND	ND	ND	ND				
	10/02/98	ND	ND	ND	ND	ND				
	01/14/99	ND	ND	ND	ND	ND	ND	ND		ND
	04/15/99	ND	ND	ND	ND	ND				
	07/13/99	ND	ND	ND	ND	ND				
	10/13/99	ND	ND	ND	ND	ND				
	01/13/00	ND	ND	ND	ND	ND	ND	ND		ND
	04/29/00	ND	ND	ND	ND	ND				
	07/12/00	ND	ND	ND	0.006	0.006				
	10/06/00	ND	ND	ND	0.004	0.004				
	01/03/01	ND	ND	ND	ND	ND	ND	ND		ND
	04/05/01	0.006	0.012	0.013	0.034	0.065				
	07/10/01	ND	ND	ND	ND	ND				
	10/02/01	ND	ND	ND	ND	ND				
	01/28/02	ND	ND	ND	ND	ND	ND	ND		ND
	04/10/02	ND	ND	ND	ND	ND				
	07/02/02	ND	ND	ND	ND	ND				
	10/08/02	ND	ND	ND	ND	ND				
	01/29/03	ND	ND	ND	ND	ND	ND	ND		ND
	04/02/03	ND	ND	ND	ND	ND				
	07/08/03	ND	ND	ND	ND	ND				
	12/18/03	ND	ND	ND	ND	ND				
	05/06/04	Not Sampled								
	07/23/04	Not Sampled								
	09/30/04	Not Sampled								
	12/17/04	Not Sampled								
	03/29/05	Monitor Well entered into Annual Sampling								
	05/23/05	Monitor Well entered into Annual Sampling								
	08/16/05	<0.001	<0.001	<0.001	<0.003	<0.006				
	11/18/05	Monitor Well entered into Annual Sampling								
	02/17/06	<0.001	<0.001	<0.001	<0.003	<0.006				
	05/23/06					Not Sampled A				
	08/09/06	<0.001	<0.001	<0.001	<0.003	<0.006				
	11/22/06					Not Sampled A				
	03/31/07	<0.001	<0.001	<0.001	<0.003	<0.006				
	08/01/07	<0.001	<0.001	<0.001	<0.003	<0.006				
	12/13/07	Not Sampled A								
	03/31/08	Not Sampled A								
	06/30/08	0.0010	ND	0.0010	ND	0.0020	- -	- -	- -	- -
	09/30/08	Not Sampled A								

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICA PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-7 cont.	12/30/08	0.0046	0.0103	0.0052	0.0059	0.0260	- -	- -	- -	- -
	03/31/09	Not Sampled A								
	06/26/09	0.0011	ND	0.0013	ND	0.0024				
	09/25/09	Not Sampled A								
	12/21/09	0.0012	ND	0.0023	ND	0.0035				
	03/26/10	0.0017	ND	0.0023	ND	0.004				
	06/30/10	Not Sampled A								
	09/28/10	Not Sampled A								
	12/30/10	0.0028	ND	0.0026	ND	0.0054				
	03/25/11	Not Sampled A								
	06/29/11	0.00335	ND	0.00445	ND	0.0078				
	09/30/11	Not Sampled A								
	12/30/11	**0.0148**	ND	0.0149	0.004	0.0336				
	03/30/12	**0.0116**	ND	0.0150	0.00552	0.0321				
	06/27/12	0.0088	ND	0.0079	0.00337	0.0201				
	09/27/12	0.00211	ND	0.00141	ND	0.00352				
	12/27/12	**0.0243**	ND	0.0172	0.00656	0.0481				
	3/28/13	**0.0208**	ND	0.0105	0.00575	0.03710				
	6/27/13	0.0073	ND	0.0059	0.00398	0.01720				
	9/26/13	**0.0488**	ND	0.9850	0.02550	0.17300				
	12/27/13	ND	ND	ND	ND	ND				
MW-8	09/30/93	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	10/17/95	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	02/07/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	04/03/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	07/18/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	10/02/96	0.003	0.007	0.082	0.052	0.144				
	01/22/97	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	04/10/97	ND	0.001	0.054	0.016	0.071				
	05/05/98	ND	ND	0.002	0.004	0.006				
	04/15/99	0.002	ND	ND	0.001	0.003				
	04/28/00	ND	ND	ND	ND	ND				
	04/05/01	ND	ND	ND	ND	ND				
	04/10/02	ND	ND	ND	ND	ND				
	01/29/03	Not Sampled								
	04/02/03	ND	ND	ND	ND	ND				
	07/08/03	Not Sampled								
	12/18/03	ND	ND	ND	ND	ND				
	05/06/04	Not Sampled								
	07/23/04	Not Sampled								
	09/30/04	Not Sampled								
	12/17/04	Not Sampled								
	03/29/05	Monitor Well entered into Annual Sampling								
	05/23/05	Monitor Well entered into Annual Sampling								
	08/16/05	<0.001	<0.001	<0.001	<0.003	<0.006				
	11/18/05	Monitor Well entered into Annual Sampling								
	02/17/06	<0.001	<0.001	<0.001	<0.003	<0.006				
	05/23/06					Not Sampled A				
	08/09/06	<0.001	<0.001	<0.001	<0.003	<0.006				
	11/22/06					Not Sampled A				

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICA PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-8 cont.	03/31/07	<0.001	<0.001	<0.001	<0.003	<0.006				
	08/01/07	<0.001	<0.001	<0.001	<0.003	<0.006				
	12/13/07	Not Sampled A								
	03/31/08	Not Sampled A								
	06/30/08	ND	ND	ND	ND	ND	- -	- -	- -	- -
	09/30/08	Not Sampled A								
	12/30/08	**0.0062**	0.0172	0.0064	0.0088	0.0386	- -	- -	- -	- -
	03/31/09	Not Sampled A								
	06/26/09	**0.0023**	ND	0.0023	ND	0.0046				
	09/25/09	Not Sampled A								
	12/21/09	**0.0044**	ND	0.0049	ND	0.0093				
	03/26/10	0.005	ND	0.0042		0.0092				
	06/30/10	Not Sampled A								
	09/28/10	Not Sampled A								
	12/30/10	Not Sampled A								
	03/25/11	Not Sampled A								
	06/29/11	Not Sampled A								
	09/30/11	Not Sampled A								
	12/30/11	Not Sampled A								
	03/30/12	Not Sampled A								
	06/27/12	Not Sampled A								
	09/27/12	Not Sampled A								
	12/27/12	Not Sampled A								
	3/28/13	Not Sampled [A]								
	6/27/13	Not Sampled [A]								
	9/26/13	Not Sampled [A]								
	12/27/13	Not Sampled [A]								
MW-9	09/30/93	ND	ND	ND	ND	ND				
	10/17/95	ND	ND	ND	ND	ND				
	02/07/96	ND	ND	ND	ND	ND	ND	ND		ND
	04/03/96	ND	ND	ND	ND	ND				
	07/18/96	ND	ND	ND	0.003	0.003				
	10/02/96	ND	ND	ND	ND	ND				
	01/22/97	ND	ND	ND	ND	ND	ND	ND		ND
	04/10/97	ND	ND	ND	ND	ND				
	07/16/97	ND	ND	ND	ND	ND				
	10/09/97	ND	ND	ND	ND	ND				
	01/22/98	ND	ND	ND	ND	ND	ND	ND		ND
	05/05/98	ND	ND	ND	ND	ND				
	07/08/98	ND	ND	ND	ND	ND				
	10/02/98	ND	ND	ND	ND	ND				
	01/14/99	ND	ND	ND	ND	ND	ND	ND		ND
	04/15/99	ND	ND	ND	ND	ND				
	07/13/99	ND	ND	ND	ND	ND				
	10/13/99	ND	ND	ND	ND	ND				
	01/13/00	0.002	0.002	ND	ND	0.004	ND	ND		ND
	04/28/00	0.008	0.003	ND	ND	0.011				
	07/12/00	ND	ND	ND	ND	ND				
	04/05/01	ND	ND	ND	ND	ND				
	07/10/01	ND	ND	ND	ND	ND				

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICA PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-9 cont.	10/02/01	ND	ND	ND	ND	ND				
	01/28/02	ND	ND	ND	ND	ND	ND	ND		ND
	04/10/02	ND	ND	ND	ND	ND				
	07/02/02	ND	ND	ND	ND	ND				
	10/08/02	ND	ND	ND	ND	ND				
	01/29/03	ND	ND	ND	ND	ND	ND	ND		ND
	04/02/03	ND	ND	ND	ND	ND				
	07/08/03	ND	ND	ND	ND	ND				
	12/18/03	ND	ND	ND	ND	ND				
	05/06/04	<0.001	<0.001	<0.001	<0.003	<0.006	<0.05	0.526		0.526
	07/23/04	Not Sampled								
	09/30/04	Not Sampled								
	12/17/04	Not Sampled								
	03/29/05	Monitor Well entered into Annual Sampling								
	05/23/05	Monitor Well entered into Annual Sampling								
	08/16/05	<0.001	<0.001	<0.001	<0.003	<0.006				
	11/18/05	Monitor Well entered into Annual Sampling								
	02/17/06	<0.001	<0.001	<0.001	<0.003	<0.006				
	05/23/06					Not Sampled A				
	08/09/06	<0.001	<0.001	<0.001	<0.003	<0.006				
	11/22/06					Not Sampled A				
	03/31/07	<0.001	<0.001	<0.001	<0.003	<0.006				
	08/01/07	<0.001	<0.001	<0.001	<0.003	<0.006				
	12/13/07	Not Sampled A								
	03/31/08	Not Sampled A								
	06/30/08	ND	ND	ND	ND	ND	- -	- -	- -	- -
	09/30/08	Not Sampled A								
	12/31/08	0.0081	0.0240	0.0057	0.0091	0.0469	- -	- -	- -	- -
	03/31/09	Not Sampled A								
	06/26/09	ND	ND	ND	ND	ND				
	09/25/09	Not Sampled A								
	12/21/09	ND	ND	ND	ND	ND				
	03/26/10	ND	ND	ND	ND	ND				
	06/30/10	Not Sampled A								
	09/28/10	Not Sampled A								
	12/30/10	ND	ND	ND	ND	ND				
	03/25/11	Not Sampled A								
	06/29/11	ND	ND	ND	ND	ND				
	09/30/11	Not Sampled A								
	12/30/11	ND	ND	ND	ND	ND				
	12/27/12	ND	ND	ND	ND	ND				
	3/28/13	ND	ND	ND	ND	ND				
	6/27/13	Not Sampled [A]								
	9/26/13	Not Sampled [A]								
	12/27/13	Not Sampled [A]								
MW-10	09/30/93	ND	ND	0.009	0.001	0.010				
	10/17/95	ND	0.003	ND	ND	0.003				
	02/07/96	ND	ND	ND	ND	ND	ND	ND		ND
	04/03/96	0.001	ND	ND	0.002	0.003				
	07/18/96	ND	0.002	ND	ND	0.002				

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICA PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-10 cont.	10/02/96	ND	ND	ND	0.007	0.007				
	01/22/97	ND	ND	ND	ND	ND	ND	ND		ND
	04/10/97	ND	0.001	ND	ND	0.001				
	07/16/97	0.002	ND	ND	0.005	0.007				
	10/09/97	ND	ND	ND	ND	ND				
	01/22/98	ND	ND	ND	ND	ND	ND	0.001		ND
	05/05/98	0.002	ND	ND	0.003	0.005				
	07/08/98	ND	ND	ND	ND	ND				
	10/02/98	ND	ND	ND	0.003	0.003				
	01/14/99	ND	ND	ND	ND	ND	ND	ND		ND
	04/15/99	0.001	ND	ND	0.009	0.010				
	07/13/99	ND	ND	ND	ND	ND				
	10/13/99	ND	ND	ND	ND	ND				
	01/13/00	ND	ND	ND	ND	ND	ND	ND		ND
	04/28/00	ND	ND	ND	ND	ND				
	07/12/00	ND	0.005	ND	0.020	0.025				
	10/06/00	ND	ND	ND	ND	ND				
	01/03/01	ND	ND	ND	ND	ND	ND	ND		ND
	04/05/01	ND	0.006	ND	ND	0.006				
	07/10/01	ND	ND	ND	ND	ND				
	10/02/01	0.010	ND	ND	ND	ND				
	01/28/02	ND	ND	ND	ND	ND	ND	ND		ND
	04/10/02	ND	ND	ND	ND	ND				
	07/02/02	ND	ND	ND	ND	ND				
	10/08/02	ND	ND	ND	ND	ND				
	01/29/03	ND	ND	ND	ND	ND	ND	ND		ND
	04/02/03	ND	ND	ND	ND	ND				
	07/08/03	ND	ND	ND	ND	ND				
	12/18/03	ND	ND	ND	ND	ND				
	05/06/04	<0.001	<0.001	<0.001	<0.003	<0.006	<0.05	1.47		1.47
	07/23/04	Not Sampled								
	09/30/04	Not Sampled								
	12/17/04	Not Sampled								
	03/29/05	Monitor Well entered into Annual Sampling								
	05/23/05	Monitor Well entered into Annual Sampling								
	08/16/05	<0.001	<0.001	<0.001	<0.003	<0.006				
	11/18/05	Monitor Well entered into Annual Sampling								
	02/17/06	<0.001	<0.001	<0.001	<0.003	<0.006				
	05/23/06					Not Sampled A				
	08/09/06	<0.001	<0.001	<0.001	<0.003	<0.006				
	11/22/06					Not Sampled A				
	03/31/07	<0.001	<0.001	<0.001	<0.003	<0.006				
	08/01/07	<0.001	<0.001	<0.001	<0.003	<0.006				
	12/13/07	Not Sampled A								
	03/31/08	Not Sampled A								
	06/30/08	ND	ND	ND	ND	ND	- -	- -	- -	- -
	09/30/08	Not Sampled A								
	12/31/08	0.0074	0.0249	0.0057	0.0095	0.0475	- -	- -	- -	- -
	03/31/09	Not Sampled A								
	06/26/09	ND	ND	ND	ND	ND				

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICA PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-10 cont.	09/25/09	Not Sampled A								
	12/21/09	ND	ND	ND	ND	ND				
	03/26/10	ND	ND	ND	ND	ND				
	06/30/10	Not Sampled A								
	09/28/10	Not Sampled A								
	12/30/10	ND	ND	ND	ND	ND				
	03/25/11	Not Sampled								
	06/29/11	ND	ND	ND	ND	ND				
	09/30/11	Not Sampled								
	12/30/11	ND	ND	ND	ND	ND				
	12/27/12	ND	ND	ND	ND	ND				
	3/28/13	ND	ND	ND	ND	ND				
	6/27/13	Not Sampled [A]								
	9/26/13	Not Sampled [A]								
	12/27/13	Not Sampled [A]								
MW-11	09/30/93	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	10/17/95	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	02/07/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	04/03/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	07/18/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	10/02/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	01/22/97	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	04/10/97	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	05/05/98	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	04/15/99	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	04/28/00	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	04/05/01	**2.180**	ND	0.596	0.268	3.04				
	04/10/02	**2.890**	0.193	**0.968**	0.538	4.59				
	07/02/02	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	10/08/02	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	01/29/03	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	04/02/03	**2.150**	0.171	**1.010**	**0.846**	4.18				
	07/08/03	Not Sampled								
	12/18/03	Not Sampled								
	05/06/04	**2.250**	0.006	**1.070**	0.291	3.62	12.3	19.2		31.5
	07/23/04	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								
	09/30/04	**1.97**	0.004	**1.92**	0.231	4.13	7.81	3.31		11.1
	12/17/04	**1.75**	0.004	0.714	0.163	2.63				
	03/29/05	**1.16**	<0.002	0.70	0.121	1.99				
	05/23/05	**5.12**	<0.001	**4.75**	**0.873**	10.74				
	08/16/05	**1.56**	<0.002	**0.76**	0.094	2.41				
	11/18/05	**0.65**	<0.001	0.36	0.047	1.06				
	02/17/06	**0.571**	<0.005	0.399	0.0769	1.047				
	05/23/06	**0.517**	<0.001	0.513	<.03	1.030				
	08/09/06	**1.310**	<0.001	0.425	<0.0672	1.735				
	11/22/06	**0.601**	<0.001	0.316	<0.03	0.917				
	03/31/07	**0.275**	<0.001	0.186	<0.003	0.461				
	08/01/07	**0.2775**	<0.0500	0.1630	<0.1500	0.4405				
	12/13/07	**4.616**	ND	1.232	ND	5.848				
	03/31/08	**0.2648**	0.0083	0.1139	0.022	0.4093				

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICA PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-11 cont.	06/30/08	**0.6838**	ND	0.2066	ND	0.8904	2.40	ND	ND	2.40
	09/30/08	**0.4075**	ND	0.1226	ND	0.5301				
	12/30/08	**0.2820**	ND	0.0630	ND	0.3450	2.93	7.03	ND	9.96
	03/31/09	**0.2698**	ND	0.0595	0.014	0.3432				
	06/26/09	**0.5740**	ND	0.1105	ND	0.6845				
	09/25/09	**1.7760**	ND	0.4095	ND	2.1855				
	12/21/09	**1.1020**	ND	0.2765	ND	1.3785				
	03/26/10	**0.4538**	ND	0.0977	0.011	0.5625				
	06/30/10	**1.143**	ND	0.2448	ND	1.3878				
	09/28/10	**0.6323**	ND	0.0686	ND	0.7009				
	12/30/10	**0.8880**	ND	0.2008	ND	1.0888				
	03/25/11	**0.8320**	ND	0.2430	ND	1.0800				
	06/29/11	**0.9060**	ND	0.2360	0.0610	1.2000				
	09/30/11	**1.7000**	ND	0.4920	ND	2.1900				
	12/30/11	**1.4400**	ND	0.4370	ND	1.8800				
	03/30/12	**0.947**	ND	0.4280	0.158	1.5300				
	06/27/12	**0.994**	ND	0.2350	ND	1.2300				
	09/27/12	**2.07**	ND	0.3400	0.041	2.4500				
	12/27/12	**1.55**	ND	0.3330	0.0437	1.9300				
	3/28/13	**1.02**	ND	0.203	0.0318	1.25				
	6/27/13	**Not Sampled due to PSH**								
	9/26/13	**1.13**	ND	1.490	0.753	**3.37**				
	12/27/13	**Not Sampled due to PSH**								
MW-12	02/10/95	**0.590**	0.009	0.043	0.067	0.709				
	07/19/95	**0.580**	0.130	0.076	0.032	0.818				
	10/17/95	**1.400**	0.440	0.300	0.163	2.303				
	10/02/96	**0.680**	0.180	0.280	0.100	1.240				
	04/10/97	**0.840**	0.250	0.230	0.075	1.395				
	10/09/97	**0.780**	0.230	0.100	0.047	1.157				
	05/05/98	**0.930**	0.370	0.390	0.130	1.820				
	04/15/99	**0.770**	0.070	0.280	0.058	1.178				
	04/28/00	**0.240**	0.019	0.120	0.011	0.390				
	04/05/01	**0.195**	ND	0.022	ND	0.218				
	04/10/02	**0.301**	ND	0.164	ND	0.465				
	01/29/03	Not Sampled								
	04/02/03	**0.290**	ND	0.121	0.0037	0.4147				
	07/03/03	Not Sampled								
	12/18/03	Not Sampled								
	05/06/04	**0.053**	<0.001	0.068	<0.003	0.121	<0.05	1.21		1.21
	07/23/04	**0.107**	<0.001	0.044	0.0024	0.153	0.754	<0.5		0.754
	09/30/40	**0.067**	<0.001	0.067	<0.003	0.134	<0.5	<0.5		<1.0
	12/17/04	**0.012**	<0.001	0.009	<0.003	0.021				
	03/29/05	<0.001	<0.001	<0.001	<0.003	<0.006				
	05/23/05	<0.001	<0.001	<0.001	<0.003	<0.006				
	08/16/05	<0.001	<0.001	0.002	<0.003	0.002				
	11/18/05	<0.001	<0.001	0.002	<0.003	0.002				
	02/17/06	0.008	<0.001	0.0096	<0.003	0.017				
	05/23/06	<0.001	<0.001	<0.001	<0.003	<0.006				
	08/09/06	<0.001	<0.001	<0.001	<0.003	<0.006				
	11/22/06	0.00398	<0.001	0.00459	<0.003	0.00857				

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICA PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-12 cont.	03/31/07	0.00114	<0.001	<0.001	<0.003	0.00114				
	08/01/07	0.00290	<0.0500	0.163	<0.1500	0.4405				
	12/13/07	Not Sampled A								
	03/31/08	Not Sampled A								
	06/30/08	**0.0063**	ND	0.0076	ND	0.0139	- -	- -	- -	- -
	09/30/08	Not Sampled A								
	12/30/08	**0.0360**	ND	0.0476	ND	0.0836	- -	- -	- -	- -
	03/31/09	Not Sampled A								
	06/26/09	**0.0314**	ND	0.0234	ND	0.0548				
	09/25/09	Not Sampled A								
	12/21/09	**0.0640**	ND	0.0508	0.003	0.1175				
	03/26/10	**0.525**	ND	0.0584	ND	0.1109				
	06/30/10	Not Sampled A								
	09/28/10	Not Sampled A								
	12/30/10	**0.0196**	ND	0.0225	ND	0.0421				
	03/25/11	Not Sampled								
	06/29/11	**0.04**	ND	0.0442	ND	0.0842				
	09/30/11	Not Sampled								
	12/30/11	**0.0618**	ND	0.1080	ND	0.1700				
	03/30/12	**0.0349**	ND	0.0740	0.00494	0.1140				
	06/27/12	**0.0276**	ND	0.0460	ND	0.0736				
	09/27/12	**0.0142**	ND	0.0322	0.00216	0.0486				
	12/27/12	**0.0287**	ND	0.0477	0.00787	0.0843				
	3/28/13	**0.0316**	ND	0.0521	0.00865	0.0924				
	6/27/13	**0.1030**	0.00315	0.1580	0.0117	0.2760				
	9/26/13	**0.0819**	ND	0.1940	0.032	0.3080				
	12/27/13	**0.0611**	ND	0.1090	0.00789	0.1780				
MW-13	02/10/95	ND	ND	ND	ND	ND				
	07/19/95	ND	ND	ND	ND	ND				
	10/17/95	ND	ND	ND	ND	ND				
	10/02/96	ND	ND	ND	ND	ND				
	04/10/97	ND	ND	ND	ND	ND				
	10/09/97	ND	ND	ND	ND	ND				
	05/05/98	ND	ND	ND	ND	ND				
	04/15/99	ND	ND	ND	ND	ND				
	04/28/00	ND	ND	ND	ND	ND				
	04/05/01	0.009	ND	ND	ND	0.009				
	04/10/02	ND	ND	ND	ND	ND				
	01/29/03	Not Sampled								
	04/02/03	ND	ND	ND	ND	ND				
	07/08/03	Not Sampled								
	12/18/03	Not Sampled								
	05/06/04	<0.001	<0.001	<0.001	<0.003	<0.006	<0.05	0.698		0.698
	07/23/04	Not Sampled								
	09/30/04	Not Sampled								
	12/17/04	Not Sampled								
	03/29/05	Monitor Well entered into Annual Sampling								
	05/23/05	Monitor Well entered into Annual Sampling								
	08/16/05	<0.001	<0.001	<0.001	<0.003	<0.006				
	11/18/05	Monitor Well entered into Annual Sampling								

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICA PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
MW-13 cont.	02/17/06	<0.001	<0.001	<0.001	<0.003	<0.006				
	05/23/06					Not Sampled A				
	08/09/06	<0.001	<0.001	<0.001	<0.003	<0.006				
	11/22/06					Not Sampled A				
	03/31/07	<0.001	<0.001	<0.001	<0.003	<0.006				
	08/01/07	<0.0010	<0.0010	<0.0010	<0.0030	<0.0060				
	12/13/07	Not Sampled A								
	03/31/08	Not Sampled A								
	06/30/08	0.0019	ND	0.0024	ND	0.0043	- -	- -	- -	- -
	09/03/08	Not Sampled A								
	12/31/08	0.0030	0.0093	0.0026	0.0045	0.0194	- -	- -	- -	- -
	03/31/09	Not Sampled A								
	06/26/09	0.0030	ND	0.0029	ND	0.0059				
	09/25/09	Not Sampled A								
	12/21/09	0.0032	ND	0.0039	ND	0.0071				
	03/26/10	0.0047		ND	0.0047	ND	0.0094			
	06/30/10	Not Sampled A								
	09/28/10	Not Sampled A								
	12/30/10	Not Sampled A								
	03/25/11	Not Sampled A								
	06/29/11	Not Sampled A								
	09/30/11	Not Sampled A								
	12/30/11	Not Sampled A								
	03/30/12	Not Sampled A								
	06/27/12	Not Sampled A								
	09/27/12	Not Sampled A								
	12/27/12	Not Sampled A								
	3/28/13	Not Sampled [A]								
	6/27/13	Not Sampled [A]								
	9/26/13	Not Sampled [A]								
	12/27/13	Not Sampled [A]								
RW-1	01/29/03			Not Sampled A						
	04/02/03			Not Sampled A						
	07/08/03			Not Sampled A						
	12/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/06/04			Not Sampled A						
	07/23/04			Not Sampled A						
	09/30/04			Not Sampled A						
	12/17/04			Not Sampled A						
	03/29/05			Not Sampled A						
	05/23/05			Not Sampled A						
	08/16/05			Not Sampled A						
	11/18/05			Not Sampled A						
	02/17/06			Not Sampled A						
	05/23/06			Not Sampled A						
	08/09/06			Not Sampled A						
	11/22/06			Not Sampled A						
	03/31/07			Not Sampled A						
	08/01/07			Not Sampled A						
	12/13/07			Not Sampled A						

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICA PIPELINE, L.P.

LEA MONITORING STATION

NW1/4 OF SECTION 28, T20S, R37E, LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	TPH as Oil	Total TPH
RW-1 cont.	03/31/08			Not Sampled A						
	06/30/08			Not Sampled A						
	09/30/08			Not Sampled A						
	12/30/08			Not Sampled A						
	03/31/09			Not Sampled A						
	06/26/09			Not Sampled A						
	09/25/09			Not Sampled A						
	12/21/09			Not Sampled A						
	03/26/10			Not Sampled A						
	06/30/10			Not Sampled A						
	09/28/10			Not Sampled A						
	12/30/10			Not Sampled A						
	3/25/2011			Not Sampled A						
	6/29/2011			Not Sampled A						
	9/30/2011			Not Sampled A						
	12/30/11			Not Sampled A						
	03/30/12	Not Sampled A								
	06/27/12	Not Sampled A								
	09/27/12	Not Sampled A								
	12/27/12	Not Sampled A								
	3/28/13	Not Sampled [A]								
	6/27/13	Not Sampled [A]								
	9/26/13	Not Sampled [A]								
	12/27/13	Not Sampled [A]								
NMWQCC Groundwater Standards		**0.01**	**0.75**	**0.75**	**0.62**	**2.13**				

mg/L = milligrams per liter

ND = None Detected

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

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

TABLE 3

PAH CONCENTRATIONS IN GROUNDWATER

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E IN LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Acenaphthene (ug/L)	Acenaphthylene (ug/L)	Anthracene (ug/L)	Benzo(a)anthracene (ug/L)	Benzo(a)pyrene (ug/L)	Benzo(b)fluoranthene (ug/L)	Benzo(g,h,i)perylene (ug/L)	Benzo(j,k)fluoranthene (ug/L)	Chrysene (ug/L)	Dibenz(a,h)anthracene (ug/L)	Fluoranthene (ug/L)	Fluorene (ug/L)	Indenol(1,2,3-cd)pyrene (ug/L)	1-Methylnapthlene (ug/L)	2-Methylnapthlene (ug/L)	Naphthalene (ug/L)	Phenanthrene (ug/L)	Pyrene (ug/L)
MW-1	12/17/04	0.29	0.18	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.12	<0.05	0.06	1.14	<0.05	NA	NA	0.84	1.45	0.10
	2/29/05	0.23	0.06	0.10	<0.05	<0.05	<0.05	<0.05	<0.05	0.14	<0.05	<0.05	1.30	<0.05	NA	NA	7.22	1.46	<0.05
	02/17/06	<0.05	0.51	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	2.58	<0.05	<0.05	6.33	<0.05	NA	NA	<0.05	11.80	0.77
	03/31/07	**Sample Bottle Broken**																	
	03/31/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01	ND	ND	ND	ND
	06/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01	ND	ND	ND	ND
	09/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01	ND	ND	ND	ND
	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01	ND	ND	ND	ND
	12/30/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	
MW-2	12/17/04	7.77	<0.05	<0.05	<0.05	-2.00	1.07	<0.05	0.93	6.03	<0.05	2.76	27.10	<0.05	NA	NA	118.00	43.90	3.56
	03/29/05	0.29	0.13	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	1.34	<0.05	NA	NA	18.00	1.05	<0.05
	02/17/06	<0.05	1.00	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	4.15	<0.05	<0.05	12.20	<0.05	NA	NA	21.10	21.60	1.19
	03/31/07	0.54	0.81	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.33	<0.05	<0.05	2.64	<0.05	NA	NA	8.92	3.29	<0.05
	03/31/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.04	ND	0.01	ND	ND
	06/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02	ND	0.01	ND	ND
	09/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.03	ND	0.01	ND	ND
	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02	ND	ND	ND	ND
	12/30/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**29.40**	ND	ND	ND	ND
	12/27/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.00720**	ND	**0.0392**	0.0172	0.0135	**0.0154**	ND
	12/27/13	NOT SAMPLED																	
MW-3	12/17/04	0.14	0.05	0.77	0.74	0.24	0.10	<0.05	0.09	0.61	<0.05	0.18	0.39	<0.05	NA	NA	0.10	0.76	0.17
	03/29/05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.10	<0.05	NA	NA	0.05	0.06	<0.05
	02/17/06	<0.05	0.56	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	4.72	<0.05	<0.05	9.82	<0.05	NA	NA	5.60	19.20	1.11
	03/31/07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.19	<0.05	NA	NA	0.24	0.32	<0.05
	03/31/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01	ND	ND	ND	ND
	06/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01	ND	ND	ND	ND
	09/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01	ND	ND	ND	ND
	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.03	ND	ND
	12/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**12.00**	ND	**22.60**	ND	ND
	12/27/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0173	0.00913	0.0299	ND	ND
	12/27/13	NOT SAMPLED																	
MW-4	02/07/96					ND							ND		ND	ND	ND		
	01/22/97					ND							ND		ND	ND	ND		
	01/22/98					ND							ND		ND	ND	ND		
	01/14/99					ND							ND		ND	ND	ND		
	01/13/00					ND							ND		ND	ND	ND		
	01/03/01					ND							ND		ND	ND	ND		
	01/28/02					ND							ND		ND	ND	ND		
	01/29/03					ND							ND		ND	ND	ND		
	09/30/04	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.05
	02/17/06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.05
	03/31/07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.05
	08/31/08	NOT SAMPLED																	
	06/30/08	NOT SAMPLED																	
	09/30/08	NOT SAMPLED																	
	12/30/08	NOT SAMPLED																	
	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/11/11	NOT SAMPLED																	
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	

TABLE 3

PAH CONCENTRATIONS IN GROUNDWATER

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E IN LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Acenaphthene (ug/L)	Acenaphthylene (ug/L)	Anthracene (ug/L)	Benzo(a)anthracene (ug/L)	Benzo(a)pyrene (ug/L)	Benzo(b)fluoranthene (ug/L)	Benzo(g,h,i)perylene (ug/L)	Benzo(j,k)fluoranthene (ug/L)	Chrysene (ug/L)	Dibenz(a,h)anthracene (ug/L)	Fluoranthene (ug/L)	Fluorene (ug/L)	Indenol(1,2,3-cd)pyrene (ug/L)	1-Methylnapthlene (ug/L)	2-Methylnapthlene (ug/L)	Naphthalene (ug/L)	Phenanthrene (ug/L)	Pyrene (ug/L)
MW-5	01/14/99					ND							ND		ND	ND	ND		
	01/13/00					ND							ND		-2.00	-1.00	ND		
	01/03/01					ND							ND		ND	ND	ND		
	01/28/02					ND							ND		ND	ND	ND		
	01/29/03					ND							ND		ND	ND	ND		
	02/17/06	NOT SAMPLED																	
	03/31/07	NOT SAMPLED																	
	03/31/08	NOT SAMPLED																	
	06/30/08	NOT SAMPLED																	
	09/30/08	NOT SAMPLED																	
	12/30/08	NOT SAMPLED																	
	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/10	NOT SAMPLED																	
	12/30/11	NOT SAMPLED																	
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	
MW-6	02/07/96					ND							ND		ND	ND	ND		
	01/22/97					ND							ND		ND	ND	ND		
	01/22/98					ND							ND		-4.00	-2.00	-6.00		
	01/14/99					ND							ND		ND	ND	ND		
	01/13/00					ND							ND		-2.00	ND	ND		
	01/01/03					ND							ND		-17.00	ND	ND		
	01/28/02					ND							ND		ND	ND	ND		
	01/29/03					ND							-6.10		ND	ND	ND		
	02/17/06	NOT SAMPLED																	
	03/31/07	NOT SAMPLED																	
	03/31/08	NOT SAMPLED																	
	06/30/08	NOT SAMPLED																	
	09/30/08	NOT SAMPLED																	
	12/30/08	NOT SAMPLED																	
	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/10	NOT SAMPLED																	
	12/30/11	NOT SAMPLED																	
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	
MW-7	02/07/96					ND							ND		ND	ND	ND		
	01/22/97					ND							ND		ND	ND	ND		
	01/22/98					ND							ND		ND	-1.00	ND		
	01/14/99					ND							ND		ND	ND	ND		
	01/13/00					ND							ND		ND	ND	ND		
	01/03/01					ND							ND		ND	ND	ND		
	01/28/02					ND							ND		ND	ND	ND		
	01/29/03					ND							ND		ND	ND	ND		
	02/17/06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	0.09	<0.05
	03/31/07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.05
	03/31/08	NOT SAMPLED																	
	06/30/08	NOT SAMPLED																	
	09/30/08	NOT SAMPLED																	
	12/30/08	NOT SAMPLED																	
	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	

TABLE 3

PAH CONCENTRATIONS IN GROUNDWATER

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E IN LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Acenaphthene (ug/L)	Acenaphthylene (ug/L)	Anthracene (ug/L)	Benzo(a)anthracene (ug/L)	Benzo(a)pyrene (ug/L)	Benzo(b)fluoranthene (ug/L)	Benzo(g,h,i)perylene (ug/L)	Benzo(j,k)fluoranthene (ug/L)	Chrysene (ug/L)	Dibenz(a,h)anthracene (ug/L)	Fluoranthene (ug/L)	Fluorene (ug/L)	Indenol(1,2,3-cd)pyrene (ug/L)	1-Methylnapthlene (ug/L)	2-Methylnapthlene (ug/L)	Naphthalene (ug/L)	Phenanthrene (ug/L)	Pyrene (ug/L)
MW-8	02/17/06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.11	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	0.09	<0.05
	03/31/07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	0.07	<0.05
	03/31/08	NOT SAMPLED																	
	06/30/08	NOT SAMPLED																	
	09/30/08	NOT SAMPLED																	
	12/30/08	NOT SAMPLED																	
	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/10	NOT SAMPLED																	
	12/30/11	NOT SAMPLED																	
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	
MW-9	02/07/96					ND							ND		ND	ND	ND		
	01/22/97					ND							ND		ND	ND	ND		
	01/22/98					ND							ND		ND	ND	ND		
	01/14/99					ND							ND		ND	ND	ND		
	01/13/00					ND							ND		ND	ND	ND		
	01/03/01					ND							ND		ND	ND	ND		
	01/28/02					ND							ND		ND	ND	ND		
	01/29/03					ND							ND		ND	ND	ND		
	07/23/04	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.05
	02/17/06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	0.17	<0.05
	03/31/07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.05
	03/31/08	NOT SAMPLED																	
	06/30/08	NOT SAMPLED																	
	09/30/08	NOT SAMPLED																	
	12/31/08	NOT SAMPLED																	
	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/11	NOT SAMPLED																	
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	
MW-10	02/07/96					ND							ND			ND	ND		
	01/22/97					ND							ND			ND	ND		
	01/22/98					ND							ND			-1.00	ND		
	01/14/99					ND							ND			ND	ND		
	01/13/00					ND							ND			ND	ND		
	01/01/01					ND							ND			ND	ND		
	01/28/02					ND							ND			ND	ND		
	01/29/03					ND							ND			ND	ND		
	09/30/04	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.05
	02/17/06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.05
	03/31/07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.05
	03/31/08	NOT SAMPLED																	
	06/30/08	NOT SAMPLED																	
	09/30/08	NOT SAMPLED																	
	12/31/08	NOT SAMPLED																	
	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/11	NOT SAMPLED																	
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	

TABLE 3

PAH CONCENTRATIONS IN GROUNDWATER

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA MONITORING STATION
NW1/4 OF SECTION 28, T20S, R37E IN LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Acenaphthene (ug/L)	Acenaphthylene (ug/L)	Anthracene (ug/L)	Benzo(a)anthracene (ug/L)	Benzo(a)pyrene (ug/L)	Benzo(b)fluoranthene (ug/L)	Benzo(g,h,i)perylene (ug/L)	Benzo(j,k)fluoranthene (ug/L)	Chrysene (ug/L)	Dibenz(a,h)anthracene (ug/L)	Fluoranthene (ug/L)	Fluorene (ug/L)	Indenol(1,2,3-cd)pyrene (ug/L)	1-Methylnapthlene (ug/L)	2-Methylnapthlene (ug/L)	Naphthalene (ug/L)	Phenanthrene (ug/L)	Pyrene (ug/L)
MW-11	12/17/04	0.25	0.25	<0.05	<0.05	0.11	0.05	<0.05	<0.05	0.28	<0.05	0.12	1.89	<0.05	NA	NA	3.44	2.32	0.18
	03/29/05	0.24	0.10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	1.42	<0.05	NA	NA	0.98	1.20	<0.05
	02/17/06	0.27	0.15	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.25	2.68	<0.05	NA	NA	<0.05	5.88	0.26
	03/31/07	0.09	0.08	0.98	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.80	<0.05	NA	NA	0.21	1.00	<0.05
	03/31/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02	ND	ND	0.01	ND
	06/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01	ND	ND	ND	ND
	09/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02	ND	ND	0.01	ND
	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	
MW - 12	07/23/04	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.38	<0.05	NA	NA	<0.05	0.09	<0.05
	03/29/05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	02/17/06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.17	<0.05	NA	NA	<0.05	0.14	<0.05
	03/31/07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.08	<0.05	NA	NA	<0.05	0.12	<0.05
	03/31/08	NOT SAMPLED																	
	06/30/08	NOT SAMPLED																	
	09/30/08	NOT SAMPLED																	
	12/30/08	NOT SAMPLED																	
	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	
MW - 13	07/23/04	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.05
	02/17/06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.05
	03/31/07	<0.05	<0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	0.06	<0.05
	03/31/08	NOT SAMPLED																	
	06/30/08	NOT SAMPLED																	
	09/30/08	NOT SAMPLED																	
	12/31/08	NOT SAMPLED																	
	12/21/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/30/10	NOT SAMPLED																	
	12/30/11	NOT SAMPLED																	
	12/27/12	NOT SAMPLED																	
	12/27/13	NOT SAMPLED																	
NMWQCC Groundwater Standards				**0.001**		**0.0007**	**0.001**		**0.001**			**0.001**	**0.001**		**0.03**			**0.001**	**0.001**

ND = Not Detected
NA = Not Analyzed