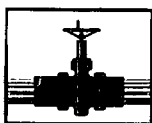


AP - 52

**QUARTERLY
MONITORING
REPORT**

2010



PLAINS
PIPELINE, L.P.

August 16, 2010

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

RECEIVED
AUG 19 2010
Environmental Bureau
Oil Conservation Division

RE: Plains Pipeline, L.P. C. S. Cayler Release Site
NMOCD Reference # AP-052
Unit Letter B of Section 6, Township 17 South, Range 37 East
Lea County, New Mexico

Dear Mr. Hansen:

Plains Pipeline, L.P. is pleased to submit the attached Quarterly Report, dated August 13, 2010, for the C.S. Cayler release site located in Section 6 of Township 17 South, and Range 37 East of Lea County, New Mexico. This document summarizes the status of recent activities performed during the second quarter of 2010.

Should you have any questions or comments, please contact me at (575) 441-1099.

Sincerely,

Jason Henry
Remediation Coordinator
Plains Pipeline, L.P.

CC: Larry Johnson, NMOCD, Hobbs Office

Enclosure



AMARILLO

921 North Bivins
Amarillo, Texas 79107
Phone 806.467.0607
Fax 806.467.0622

AUSTIN

911 W. Anderson Lane,
Suite 202
Austin, TX 78757
Phone 512.989.3428
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HOBBS

318 East Taylor Street
Hobbs, New Mexico 88241
Phone 505.393.4261
Fax 505.393.4658

MIDLAND

2901 State Highway 349
Midland, Texas 79706
Phone 432.522.2133
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SAN ANTONIO

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Selma, Texas 78154
Phone 210.579.0235
Fax 210.568.2191

TULSA

9906 East 43rd Street
Suite G
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Fax 918.742.0876

TYLER

719 West Front Street
Suite 255
Tyler, Texas 75702
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Fax 903.531.9979

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Toll Free: 866.742.0742
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August 13, 2010

Mr. Edward Hansen
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Plains Pipeline, L.P. C.S. Cayler (Plains SRS #2002-10250)
Second Quarter 2010 Summary
NMOCD Reference # AP-052 (Old 1R-0382)
UL-M (NW¼ of the NE¼) of Section 6, T17S, R37E
Latitude: 32° 52' 2.45"N and Longitude: 103° 17' 17.73"W
Landowner: Robert Rice
Lea County, New Mexico

Dear Mr. Hansen:

Talon/LPE (Talon), submits this letter report on behalf of Plains Pipeline, L.P. (Plains) to summarize the second quarter 2010 groundwater monitoring activities.

Remediation Activities

During the second quarter of 2010, four (4) specific gravity skimmers with bladder pumps operated in monitoring wells MW-4, MW-5, MW-7, and MW-12, and three (3) total fluids pump operated in monitoring well MW-1A, MW-2, and MW-3. The skimmers and total fluids pumps are utilized to recover phase separated hydrocarbons (PSH) and to inhibit migration of the PSH and dissolved-phase plumes. The recovery system is maintained on a weekly basis in order to optimize efficiency and recovery rates.

Attachments to this letter report include a site plan, gradient map, and a PSH thickness isopleth map combined with dissolved-phase distribution in Appendix A. A synopsis of the historical groundwater gauging data and groundwater analytical results are provided in Appendix B and the laboratory analytical report with chain-of-custody are located in Appendix C.

During the second quarter, the system recovered approximately 1,941 barrels of water and 2,162 barrels of water was transferred to Three Forks Apollo salt water disposal facility. Approximately 41 barrels of crude oil was recovered by the

system during the second quarter and 14 barrels of crude oil was introduced into a Plains pipeline at their 34 Junction South facility.

Second Quarter Groundwater Monitoring Event

The second quarter 2010, a groundwater monitoring event was conducted on June 9, 2010. Prior to the event, the PSH recovery system was shut-down and the pumps were pulled in order to allow the potentiometric surface to stabilize. During the groundwater monitoring event, all monitor/recovery wells were measured with an interface probe to determine static water levels and PSH thicknesses if present. Groundwater samples were collected from monitor wells MW-6, MW-9, MW-10, MW-11, and MW-13 through MW-18. The samples were submitted to the laboratory for quantification of benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA SW-846, Method 8021B. Groundwater samples were not collected from monitor wells MW-1A through MW-5, MW-7 and MW-12 due to the presence of PSH. A groundwater sample was not collected from monitor well MW-8 because groundwater levels had declined below the total depth of the well.

Results of the Groundwater Monitoring Event

Data collected from the February 2010 groundwater monitoring event exhibited the following results:

- Benzene concentrations ranged from <0.00100 mg/L to 0.0953 mg/L. Benzene concentrations exceeded the New Mexico Water Quality Control Commission (NMWQCC) remediation threshold of 0.010 mg/L in groundwater samples collected from monitor wells MW-6, MW-9, MW-13 and MW-16.
- Toluene concentrations ranged from <0.00100 mg/L to 0.00890 mg/L. All toluene concentrations were below the NMWQCC remediation threshold of 0.750 mg/L in groundwater samples collected from monitor wells not impacted with PSH.
- Ethylbenzene concentrations did not exceed the detection limit in any sample; therefore, all ethylbenzene concentrations were below the NMWQCC remediation threshold of 0.750 mg/L in groundwater samples collected from monitor wells not impacted with PSH.
- Xylene concentrations ranged from <0.00100 mg/L to 0.00480 mg/L. All xylene concentrations were below the NMWQCC remediation threshold of 0.620 mg/L in groundwater samples collected from monitor wells not impacted with PSH.
- Dissolved-phase concentrations remained relatively stable from the first quarter 2010 to the second quarter of 2010.
- PSH thicknesses exhibited significant declines in monitor wells MW-2, MW-5, and MW-12 and exhibited a significant increase in MW-1A near the core of the plume indicating

that the plume is contracting. The PSH thickness in MW-7 declined to non-detect supporting that the plume is contracting.

- Groundwater levels declined an average of 0.049 feet from the first quarter 2010 to the second quarter of 2010.

If you have any questions or require further information, please contact me at (432) 522-2133 or Mr. Jeffery Dann at (713) 646-4657.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven R. Killingsworth", with a long, sweeping horizontal line extending to the right.

Steven R. Killingsworth, P.G.
Senior Project Manager

Cc: Mr. Jeffery P. Dann, Plains Pipeline, L.P.

Appendices:

Appendix A..... Figures

Appendix B..... Tables

Appendix C..... Laboratory Analytical Report and Chain of Custody Documentation

Appendix A

Figures

Figure 1 - Site Layout and Monitor Well Location Map

Figure 2 - Groundwater Gradient Map - 06/09/2010

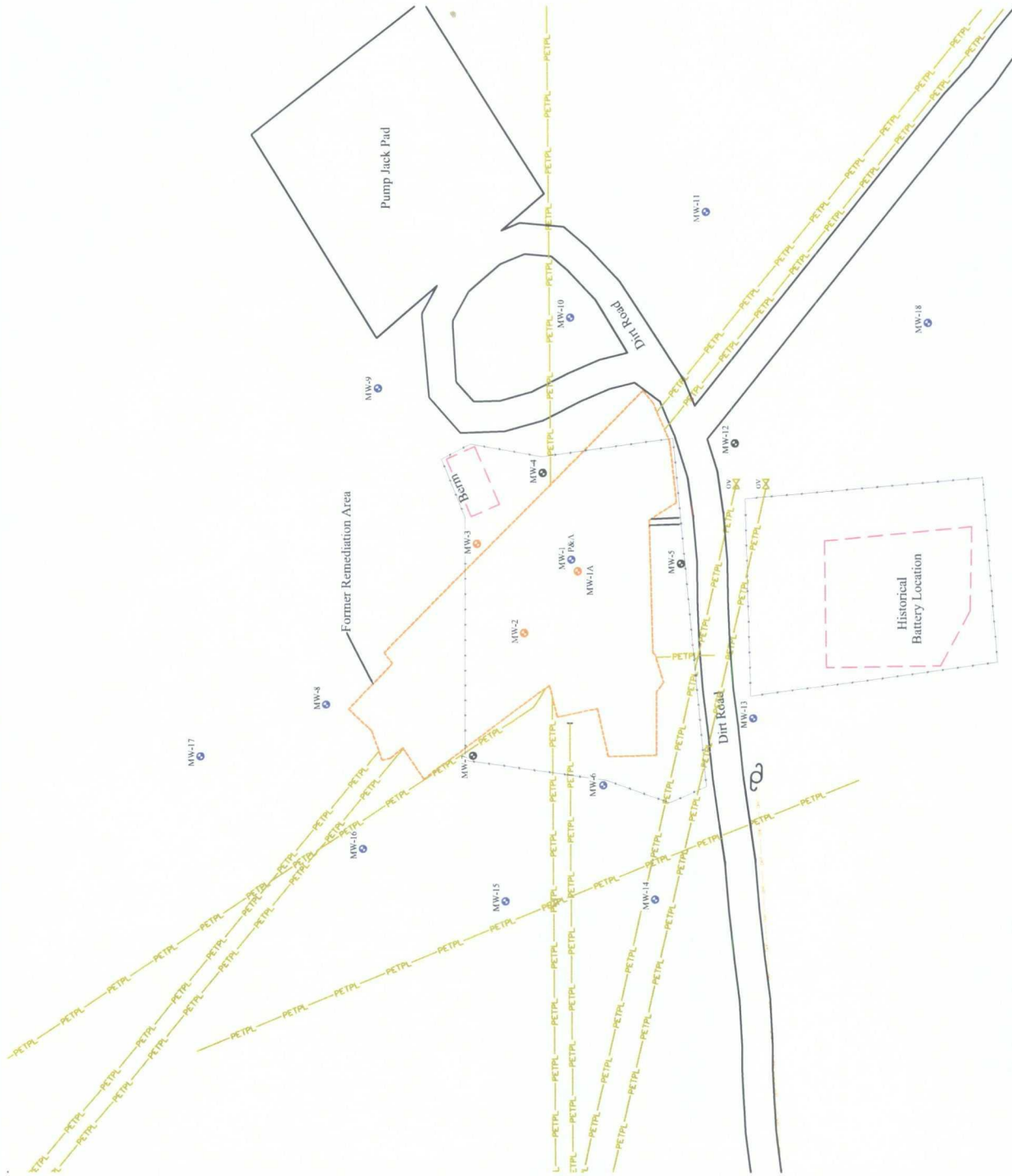
Figure 3 – PSH Distribution and Groundwater Concentration Map – 06/09/2010



0 50 100
Scale in Feet

Legend

- Monitor Well
- Pipeline
- Valve
- Fence line



Talon/LPE #: 700376.049.01



Date: 04/24/2009

Scale: 1" = 100'

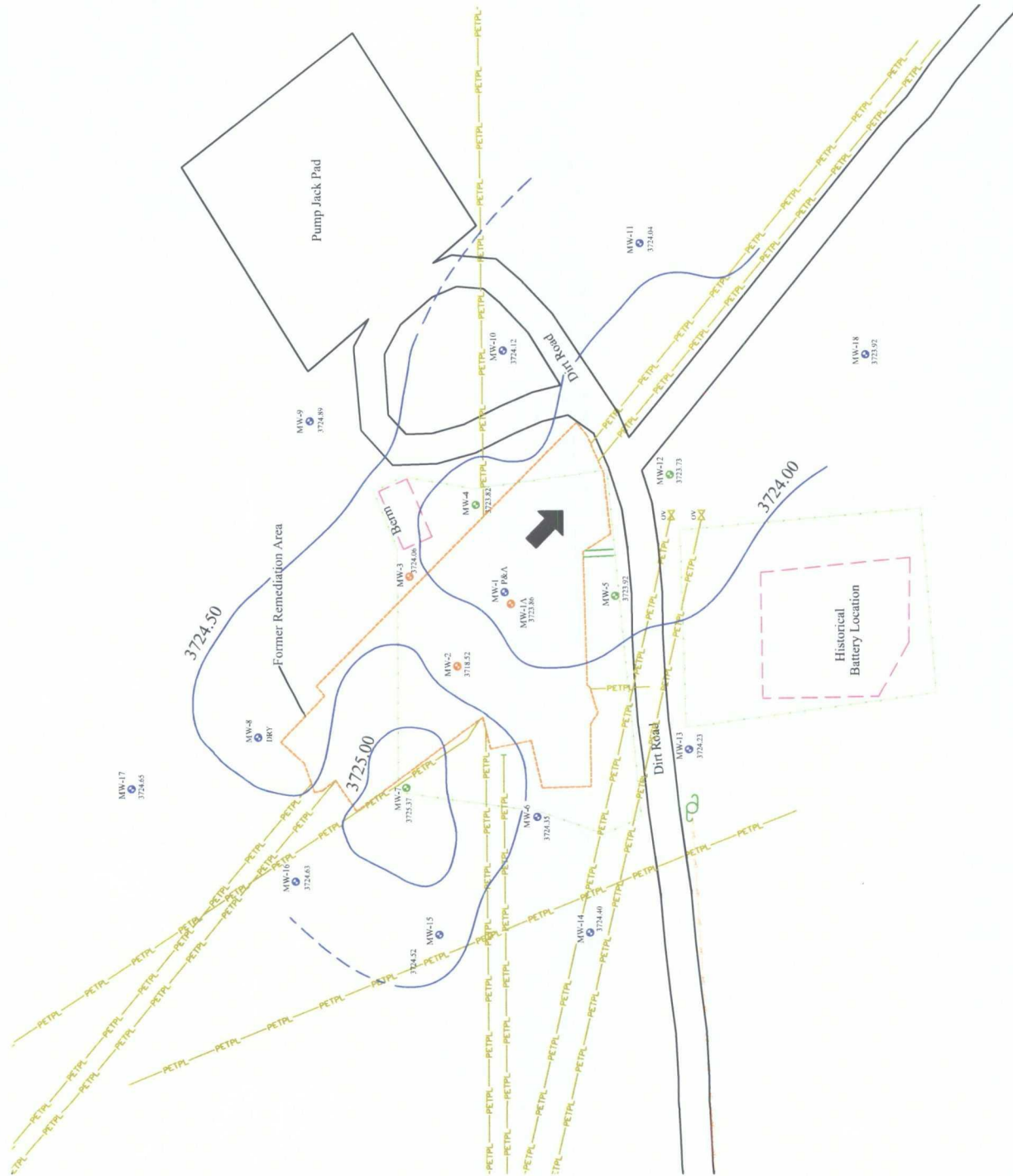
Drawn By: SJA

C.S. Cayler
SRS # 2002-10250, NMOCD REF. # AP-052 (OLD 1R-0382)
Lea County, New Mexico
Figure 1 - Site Plan



0 50 100
Scale in Feet

- Legend**
- Monitor Well
 - Monitor Well with Skimmer
 - Monitor Well with total fluid pump
 - Pipeline
 - Valve
 - Fence line
 - Groundwater Elevation Contour Line
 - Groundwater Contour Elevation
 - Groundwater Flow Direction
 - Anomalous Data Not Used



Talon/LPE #: 700376.049.01



Date: 04/13/2010
Scale: 1" = 100'
Drawn By: TJS

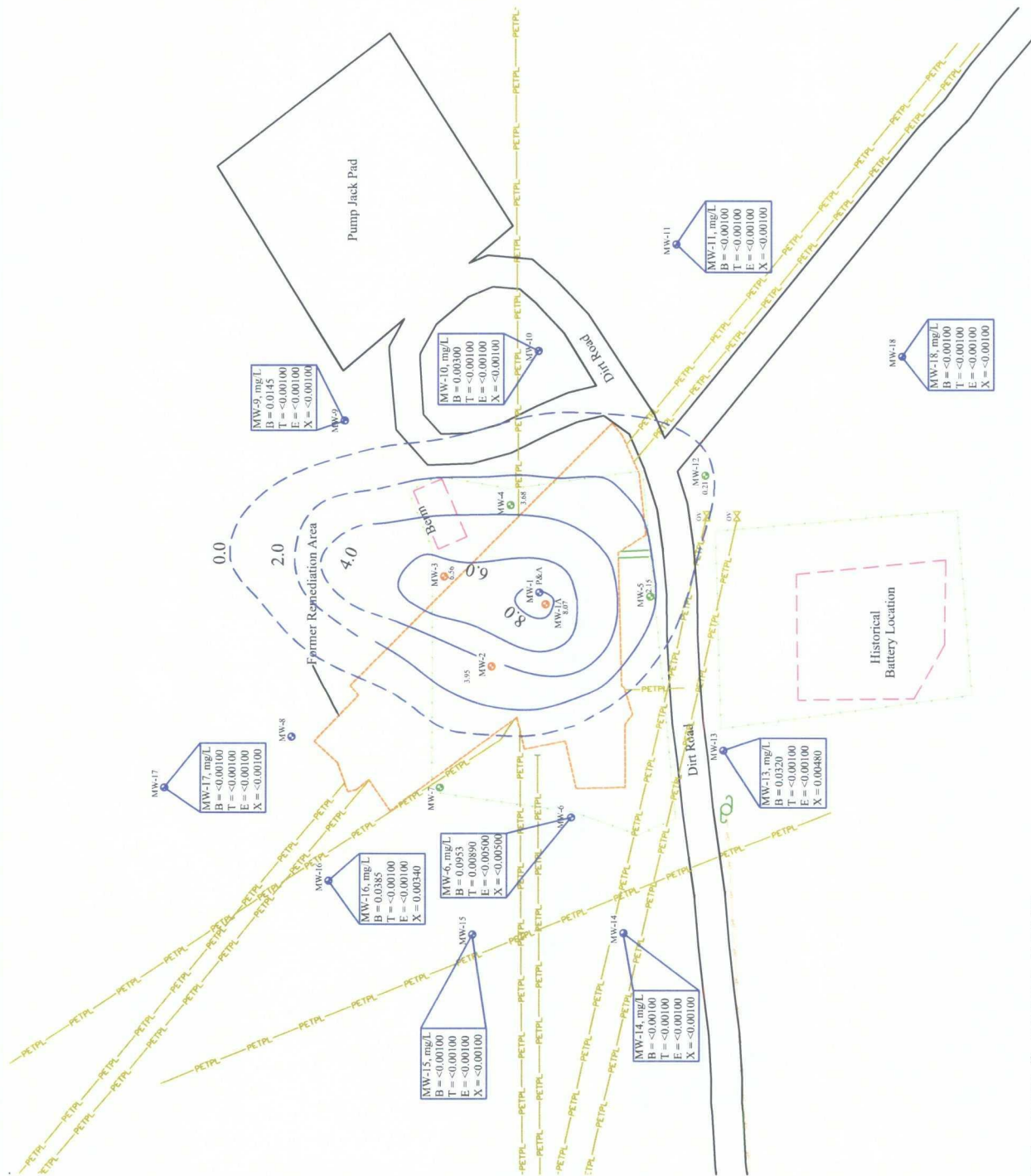
C.S. Caylor
SRS # 2002-10250, NMOCD REF. # AP-052 (OLD 1R-0382)
Lea County, New Mexico
Figure 2b - Groundwater Gradient Map - 06/09/2010



0 50 100
Scale in Feet

Legend

- Monitor Well
- Monitor Well with Skimmer
- Monitor Well with total fluid pump
- Pipeline
- Valve
- Fence line
- Contour Line
- PSH Plume Thickness



Talon/LPE #: 700376.049.01



Date: 04/13/2010

Scale: 1" = 100'

Drawn By: TJS

C.S. Cayler

SRS # 2002-10250, NMOCD REF. # AP-052 (OLD 1R-0382)

Lea County, New Mexico

Figure 3b - PSH Thickness & Groundwater Concentration Map, (06/09/2010)

Appendix B

Tables

Table 1 - Summary of Historical Fluid Level Measurements

Table 2 - Summary of Groundwater Analytical Results



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-1	10/17/02	WELL INSTALLED 17-Oct-02				
MW-1	03/07/03	3,803.97	72.28	84.20	11.92	3,729.72
MW-1	03/11/03		72.30	84.19	11.89	3,729.71
MW-1	03/17/03		72.33	84.25	11.92	3,729.67
MW-1	03/22/03		72.35	84.24	11.89	3,729.66
MW-1	05/06/03		71.55	83.11	11.56	3,730.51
MW-1	05/07/03		71.58	83.05	11.47	3,730.50
MW-1	05/08/03		71.55	83.03	11.48	3,730.53
MW-1	05/09/03		71.53	83.00	11.47	3,730.55
MW-1	05/15/03		71.57	83.01	11.44	3,730.51
MW-1	05/16/03		71.59	82.90	11.31	3,730.51
MW-1	05/28/03		71.65	82.50	10.85	3,730.53
MW-1	06/11/03		71.75	82.57	10.82	3,730.43
MW-1	08/14/03		63.45	73.41	9.96	3,738.88
MW-1	01/02/04		64.31	73.63	9.32	3,738.12
MW-1	04/12/04		64.74	73.74	9.00	3,737.75
MW-1	06/01/04		64.87	73.52	8.65	3,737.67
MW-1	06/21/04		65.04	73.49	8.45	3,737.54
MW-1	07/14/04		67.52	75.92	8.40	3,735.06
MW-1	10/17/04		68.38	73.28	4.90	3,734.78
MW-1	10/29/04		68.53	73.45	4.92	3,734.63
MW-1	03/31/05		68.23	73.00	4.77	3,734.95
MW-1	04/25/05		68.56	72.68	4.12	3,734.73
MW-1	05/31/05		68.57	72.61	4.04	3,734.73
MW-1	06/29/05		68.88	73.72	4.84	3,734.29
MW-1	09/15/05		69.79	73.63	3.84	3,733.55
MW-1	11/14/05		70.44	73.26	2.82	3,733.06
MW-1	01/23/06		70.72	73.80	3.08	3,732.74
MW-1	03/01/06		70.41	73.59	3.18	3,733.04
MW-1	05/25/06		71.05	73.20	2.15	3,732.57
MW-1	08/14/06		72.46	73.76	1.30	3,731.30
MW-1	11/29/06		73.31	73.69	0.38	3,730.60



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-1	01/11/07		73.31	73.69	0.38	3,730.60
MW-1	02/08/07		73.38	73.73	0.35	3,730.53
MW-1	04/03/07		73.86	82.21	8.35	3,728.73
MW-1	04/11/07		74.06	82.27	8.21	3,728.56
MW-1	04/17/07		74.21	82.63	8.42	3,728.37
MW-1	05/14/07		74.06	82.00	7.94	3,728.60
MW-1	06/26/07		73.80	NA		NA
MW-1	06/28/07		DRY			
MW-1	09/14/07		DRY			
MW-1	09/26/07		DRY			
MW-1	10/05/07		DRY			
MW-1	10/09/07		DRY			
MW-1	10/19/07		DRY			
MW-1	10/24/07		DRY			
MW-1	10/31/07		DRY			
MW-1	11/28/07		DRY			
MW-1	12/03/07		DRY			
MW-1	01/03/08		DRY			
MW-1	01/08/08		DRY			
MW-1	01/14/08		DRY			
MW-1	01/23/08		DRY			
MW-1	01/28/08		DRY			
MW-1	02/11/08		DRY			
MW-1	03/12/08		DRY			
MW-1	03/26/08		DRY			
MW-1	04/01/08		DRY			
MW-1	08/13/08		DRY			
MW-1	09/18/08	WELL PLUGGED 9/18/08				
MW-1A	09/18/08	WELL INSTALLED 9/18/08				
MW-1A	09/23/08	3,810.02	82.40	89.71	7.31	3,726.41
MW-1A	12/04/08		82.50	89.55	7.05	3,726.36
MW-1A	01/21/09		82.11	89.61	7.50	3,726.67



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-1A	02/18/09	3,810.14	82.34	89.70	7.36	3,726.59
MW-1A	04/06/09		82.76	90.26	7.50	3,726.14
MW-1A	06/10/09		83.22	90.54	7.32	3,725.71
MW-1A	08/25/09	Well Not Gauged Due to Total Fluid Pump				
MW-1A	12/10/09		84.68	91.52	6.84	3,724.33
MW-1A	01/08/10		84.65	90.80	6.15	3,724.48
MW-1A	02/18/10		85.29	87.95	2.66	3,724.41
MW-1A	06/09/10		84.95	93.02	8.07	3,723.86
MW-2	05/28/04	WELL INSTALLED 5/28/04				
MW-2	06/01/04	3,803.93	67.17	77.76	10.59	3,735.01
MW-2	06/21/04		67.27	77.93	10.66	3,734.90
MW-2	07/14/04		67.38	78.09	10.71	3,734.78
MW-2	10/16/04		68.79	74.04	5.25	3,734.27
MW-2	10/29/04		67.97	77.70	9.73	3,734.35
MW-2	03/31/05		68.23	78.50	10.27	3,734.01
MW-2	04/25/05		68.37	77.03	8.66	3,734.13
MW-2	05/31/05		68.46	76.97	8.51	3,734.07
MW-2	06/29/05		69.09	76.12	7.03	3,733.68
MW-2	09/15/05		69.75	79.14	9.39	3,732.63
MW-2	11/14/05		70.66	78.44	7.78	3,731.99
MW-2	01/23/06		70.95	78.27	7.32	3,731.77
MW-2	03/01/06		70.53	77.41	6.88	3,732.26
MW-2	05/25/06		72.19	75.49	3.30	3,731.20
MW-2	08/14/06		73.08	78.31	5.23	3,729.99
MW-2	11/29/06		74.09	78.20	4.11	3,729.16
MW-2	12/12/06		74.53	77.57	3.04	3,728.90
MW-2	01/11/07		74.22	78.81	4.59	3,728.95
MW-2	02/08/07		75.11	75.18	0.07	3,728.81
MW-2	04/03/07		73.95	82.11	8.16	3,728.63
MW-2	04/11/07		74.02	82.30	8.28	3,728.54
MW-2	04/17/07		74.02	82.41	8.39	3,728.53



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-2	05/14/07		74.03	82.55	8.52	3,728.49
MW-2	06/26/07		74.20	82.64	8.44	3,728.34
MW-2	06/28/07		74.36	82.48	8.12	3,728.23
MW-2	08/13/07		74.71	81.91	7.20	3,728.03
MW-2	08/17/07		75.66	79.30	3.64	3,727.67
MW-2	08/21/07		NA	76.19		3,727.74
MW-2	08/28/07		75.84	78.91	3.07	3,727.58
MW-2	09/14/07		75.63	79.29	3.66	3,727.70
MW-2	09/26/07		74.88	82.41	7.53	3,727.81
MW-2	10/05/07		74.85	82.70	7.85	3,727.78
MW-2	10/08/07		74.87	82.71	7.84	3,727.77
MW-2	10/19/07		74.87	82.96	8.09	3,727.73
MW-2	10/24/07		74.87	83.04	8.17	3,727.71
MW-2	10/31/07		74.88	83.11	8.23	3,727.69
MW-2	11/12/07		74.82	83.19	8.37	3,727.73
MW-2	11/28/07		74.89	83.27	8.38	3,727.66
MW-2	12/03/07		74.83	83.20	8.37	3,727.72
MW-2	01/03/08		75.32	83.50	8.18	3,727.26
MW-2	01/08/08		74.76	82.25	7.49	3,727.93
MW-2	01/14/08		75.49	83.23	7.74	3,727.16
MW-2	01/23/08		75.45	83.43	7.98	3,727.16
MW-2	01/28/08		75.38	83.47	8.09	3,727.22
MW-2	02/11/08		74.94	83.02	8.08	3,727.66
MW-2	03/12/08		75.40	83.54	8.14	3,727.19
MW-2	03/26/08		75.14	83.99	8.85	3,727.33
MW-2	04/01/08		76.19	83.34	7.15	3,726.56
MW-2	04/11/08		76.73	80.62	3.89	3,726.56
MW-2	04/15/08		76.33	79.08	2.75	3,727.15
MW-2	04/22/08		75.66	79.07	3.41	3,727.71
MW-2	04/28/08		76.00	83.17	7.17	3,726.75
MW-2	05/06/08		75.68	79.12	3.44	3,727.68
MW-2	05/16/08		75.40	83.02	7.62	3,727.27



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-2	05/22/08		75.61	82.32	6.71	3,727.21
MW-2	07/25/08		79.90	87.72	7.82	3,722.74
MW-2	08/13/08		80.21	88.82	8.61	3,722.30
MW-2	09/23/08	3,807.67	79.34	85.88	6.54	3,727.25
MW-2	10/15/08			79.89	79.89	3,794.49
MW-2	12/04/08		79.68	84.90	5.22	3,727.13
MW-2	01/21/09		74.92	79.30	4.38	3,732.03
MW-2	02/18/09	3,807.38	79.99	86.26	6.27	3,726.36
MW-2	04/06/09		80.46	86.28	5.82	3,725.96
MW-2	06/10/09		81.05	85.86	4.81	3,725.54
MW-2	08/25/09		82.45	85.30	2.85	3,724.46
MW-2	12/10/09		82.74	86.22	3.48	3,724.07
MW-2	01/08/10		81.79	86.25	4.46	3,724.85
MW-2	02/18/10		81.50	87.12	5.62	3,724.95
MW-2	06/09/10		88.21	92.16	3.95	3,718.52
MW-3	05/31/04	WELL INSTALLED 31-May-04				
MW-3	06/21/04	3,810.20	75.51	75.51	0.00	3,734.69
MW-3	07/14/04		74.39	81.31	6.92	3,734.67
MW-3	08/26/04		74.75	84.31	9.56	3,733.87
MW-3	10/16/04		75.53	77.55	2.02	3,734.34
MW-3	10/29/04		75.45	79.00	3.55	3,734.16
MW-3	03/31/05		74.65	83.60	8.95	3,734.07
MW-3	04/25/05		74.81	82.74	7.93	3,734.08
MW-3	05/31/05		75.00	82.16	7.16	3,734.02
MW-3	06/29/05		75.83	80.44	4.61	3,733.61
MW-3	09/15/05		76.09	85.47	9.38	3,732.56
MW-3	11/14/05		77.81	81.11	3.30	3,731.85
MW-3	01/23/06		77.78	81.74	3.96	3,731.77
MW-3	03/01/06		77.43	81.49	4.06	3,732.10
MW-3	05/25/06		78.49	81.15	2.66	3,731.27
MW-3	08/14/06		79.51	84.36	4.85	3,729.89



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-3	01/11/07		80.78	84.05	3.27	3,728.88
MW-3	02/08/07		83.65	83.66	0.01	3,726.55
MW-3	04/03/07		80.25	88.51	8.26	3,728.59
MW-3	04/11/07		80.69	88.97	8.28	3,728.14
MW-3	04/17/07		80.38	88.78	8.40	3,728.43
MW-3	05/14/07		80.43	89.56	9.13	3,728.26
MW-3	06/26/07		81.74	89.12	7.38	3,727.24
MW-3	06/28/07		80.69	89.05	8.36	3,728.13
MW-3	08/13/07		81.08	89.43	8.35	3,727.74
MW-3	08/17/07		82.05	83.50	1.45	3,727.91
MW-3	08/21/07		82.65	82.68	0.03	3,727.55
MW-3	08/28/07		81.51	88.44	6.93	3,727.55
MW-3	09/14/07		81.42	86.89	5.47	3,727.88
MW-3	09/26/07		81.22	88.92	7.70	3,727.71
MW-3	10/05/07		81.14	88.99	7.85	3,727.76
MW-3	10/08/07		81.14	89.00	7.86	3,727.76
MW-3	10/19/07		81.23	89.39	8.16	3,727.62
MW-3	10/24/07		81.24	89.35	8.11	3,727.62
MW-3	10/31/07		81.24	89.47	8.23	3,727.60
MW-3	11/12/07		81.25	89.39	8.14	3,727.61
MW-3	11/28/07		81.26	89.44	8.18	3,727.59
MW-3	12/03/07		81.26	89.36	8.10	3,727.60
MW-3	01/03/08		81.17	89.41	8.24	3,727.67
MW-3	01/08/08		81.11	89.05	7.94	3,727.78
MW-3	01/14/08		81.62	88.39	6.77	3,727.46
MW-3	01/23/08		80.84	87.89	7.05	3,728.20
MW-3	01/28/08		80.31	88.20	7.89	3,728.59
MW-3	02/11/08		81.92	88.49	6.57	3,727.20
MW-3	03/12/08		81.43	87.43	6.00	3,727.78
MW-3	03/26/08		80.57	88.54	7.97	3,728.31
MW-3	04/01/08		82.06	87.81	5.75	3,727.19
MW-3	04/11/08		81.90	87.81	5.91	3,727.32



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C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-3	04/15/08		82.04	87.85	5.81	3,727.20
MW-3	04/22/08		82.01	87.90	5.89	3,727.22
MW-3	04/28/08		82.11	87.24	5.13	3,727.24
MW-3	05/06/08		82.00	87.94	5.94	3,727.22
MW-3	05/16/08		82.24	88.07	5.83	3,727.00
MW-3	05/22/08		82.94	89.22	6.28	3,726.22
MW-3	06/19/08		83.09	85.71	2.62	3,726.68
MW-3	07/25/08		83.35	88.33	4.98	3,726.03
MW-3	08/13/08		83.21	89.65	6.44	3,725.93
MW-3	09/23/08	3,810.35	83.28	86.97	3.69	3,726.46
MW-3	10/15/08		84.04	84.22	0.18	3,726.28
MW-3	12/04/08		83.61	85.01	1.40	3,726.51
MW-3	01/21/09		82.68	87.80	5.12	3,726.83
MW-3	02/18/09	3,810.36	84.82	88.49	3.67	3,724.93
MW-3	04/06/09		83.33	89.47	6.14	3,726.02
MW-3	06/10/09		83.58	89.41	5.83	3,725.82
MW-3	08/25/09		84.35	90.90	6.55	3,724.93
MW-3	12/10/09		85.04	92.01	6.97	3,724.17
MW-3	01/08/10		84.83	91.51	6.68	3,724.43
MW-3	02/18/10		84.81	91.41	6.60	3,724.46
MW-3	06/09/10		85.22	91.78	6.56	3,724.06
MW-4	06/01/04	WELL INSTALLED 01-Jun-04				
MW-4	06/21/04	3,810.70	76.04	76.04		3,734.66
MW-4	07/14/04		74.51	83.91	9.40	3,734.64
MW-4	08/26/04		74.21	83.61	9.40	3,734.94
MW-4	10/16/04		75.77	80.56	4.79	3,734.14
MW-4	10/17/04		75.76	80.96	5.20	3,734.08
MW-4	10/29/04		75.56	81.42	5.86	3,734.17
MW-4	03/31/05		73.51	81.95	8.44	3,735.80
MW-4	04/25/05		75.53	82.62	7.09	3,734.00
MW-4	05/31/05		75.55	82.86	7.31	3,733.94



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C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-4	06/29/05		75.96	83.51	7.55	3,733.49
MW-4	09/15/05		76.71	86.23	9.52	3,732.42
MW-4	11/14/05		77.64	85.38	7.74	3,731.78
MW-4	01/23/06		77.79	84.93	7.14	3,731.73
MW-4	03/01/06		77.48	84.12	6.64	3,732.12
MW-4	05/25/06		78.28	85.22	6.94	3,731.27
MW-4	08/14/06		79.78	86.67	6.89	3,729.78
MW-4	11/29/06		80.29	85.15	4.86	3,729.61
MW-4	12/12/06		81.71	86.01	4.30	3,728.28
MW-4	01/11/07		80.03	82.77	2.74	3,730.22
MW-4	02/08/07		81.28	82.70	1.42	3,729.19
MW-4	04/03/07		80.78	89.44	8.66	3,728.49
MW-4	04/11/07		80.85	89.55	8.70	3,728.41
MW-4	04/17/07		80.92	89.05	8.13	3,728.44
MW-4	05/14/07		80.96	89.68	8.72	3,728.30
MW-4	06/26/07		81.41	89.82	8.41	3,727.90
MW-4	06/28/07		81.28	89.71	8.43	3,728.03
MW-4	08/13/07		81.76	89.92	8.16	3,727.59
MW-4	08/17/07		80.36	87.55	7.19	3,729.15
MW-4	08/21/07		82.01	89.41	7.40	3,727.47
MW-4	08/28/07		NA	79.50		3,731.20
MW-4	09/14/07		81.76	89.85	8.09	3,727.61
MW-4	09/26/07		81.73	88.89	7.16	3,727.79
MW-4	10/05/07		81.66	89.80	8.14	3,727.70
MW-4	10/08/07		81.65	89.78	8.13	3,727.71
MW-4	10/19/07		81.80	90.05	8.25	3,727.54
MW-4	10/24/07		81.80	89.99	8.19	3,727.55
MW-4	10/31/07		81.82	90.07	8.25	3,727.52
MW-4	11/12/07		82.02	89.84	7.82	3,727.39
MW-4	11/28/07		81.93	89.82	7.89	3,727.47
MW-4	12/03/07		81.91	89.72	7.81	3,727.50
MW-4	01/03/08		81.66	89.19	7.53	3,727.80



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Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-4	01/08/08		81.70	89.31	7.61	3,727.74
MW-4	01/14/08		81.98	88.87	6.89	3,727.58
MW-4	01/23/08		82.17	87.76	5.59	3,727.61
MW-4	01/28/08		81.77	89.17	7.40	3,727.71
MW-4	02/11/08		81.29	88.75	7.46	3,728.18
MW-4	03/12/08		81.86	88.79	6.93	3,727.70
MW-4	03/26/08		82.67	86.36	3.69	3,727.42
MW-4	04/01/08		82.56	88.83	6.27	3,727.11
MW-4	04/11/08		82.49	88.94	6.45	3,727.15
MW-4	04/15/08		82.31	89.90	7.59	3,727.14
MW-4	04/22/08		82.36	89.26	6.90	3,727.20
MW-4	05/06/08		83.98	90.27	6.29	3,725.68
MW-4	05/16/08		82.89	90.01	7.12	3,726.64
MW-4	05/22/08		82.39	90.19	7.80	3,727.02
MW-4	06/19/08		82.78	90.45	7.67	3,726.65
MW-4	07/25/08		83.71	91.11	7.40	3,725.77
MW-4	08/13/08		83.60	91.07	7.47	3,725.87
MW-4	09/23/08	3,810.82	83.36	90.47	7.11	3,726.29
MW-4	10/15/08		83.78	88.43	4.65	3,726.27
MW-4	12/04/08		83.32	89.40	6.08	3,726.50
MW-4	01/21/09		82.79	90.31	7.52	3,726.79
MW-4	02/18/09	3,810.81	83.05	90.35	7.30	3,726.56
MW-4	04/06/09		84.24	91.58	7.34	3,725.36
MW-4	06/10/09		83.88	91.42	7.54	3,725.69
MW-4	08/25/09		84.90	92.00	7.10	3,724.74
MW-4	12/10/09		85.30	92.34	7.04	3,724.35
MW-4	01/08/10		85.47	92.15	6.68	3,724.24
MW-4	02/18/10		92.31	95.42	3.11	3,717.99
MW-4	06/09/10		86.38	90.06	3.68	3,723.82
MW-5	06/05/04		WELL INSTALLED 05-Jun-04			
MW-5	06/21/04	3,809.05	- -	74.42		3,734.63



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SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-5	07/14/04		--	74.53		3,734.52
MW-5	10/29/04		--	75.00		3,734.05
MW-5	11/19/04		--	75.10		3,733.95
MW-5	03/31/05		--	75.18		3,733.87
MW-5	04/25/05		--	75.19		3,733.86
MW-5	05/12/05		--	75.22		3,733.83
MW-5	05/31/05		--	75.25		3,733.80
MW-5	06/29/05		--	75.67		3,733.38
MW-5	08/22/05		--	76.64		3,732.41
MW-5	09/15/05		--	76.75		3,732.30
MW-5	11/14/05		--	77.39		3,731.66
MW-5	01/23/06		77.21	79.19	1.98	3,732.48
MW-5	03/01/06		76.59	79.18	2.59	3,733.00
MW-5	05/25/06		77.41	79.93	2.52	3,732.19
MW-5	08/14/06		78.99	80.63	1.64	3,730.76
MW-5	11/29/06		78.91	85.95	7.04	3,729.95
MW-5	01/11/07		78.85	86.30	7.45	3,729.94
MW-5	02/08/07		78.82	86.29	7.47	3,729.97
MW-5	02/20/07		79.22	85.66	6.44	3,729.74
MW-5	03/06/07		79.15	86.07	6.92	3,729.73
MW-5	03/14/07		78.68	85.60	6.92	3,730.20
MW-5	03/27/07		79.64	86.03	6.39	3,729.33
MW-5	03/29/07		79.36	86.25	6.89	3,729.52
MW-5	04/03/07		79.38	86.71	7.33	3,729.43
MW-5	04/11/07		79.91	87.02	7.11	3,728.94
MW-5	04/17/07		79.52	88.90	9.38	3,728.95
MW-5	05/24/07		79.54	86.90	7.36	3,729.27
MW-5	06/26/07		79.94	87.32	7.38	3,728.86
MW-5	06/28/07		79.84	87.25	7.41	3,728.96
MW-5	08/13/07		80.26	81.66	1.40	3,729.53
MW-5	08/21/07		80.39	87.63	7.24	3,728.44
MW-5	08/28/07		80.49	87.64	7.15	3,728.35



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Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-5	09/14/07		80.32	87.59	7.27	3,728.50
MW-5	09/26/07		81.72	87.66	5.94	3,727.32
MW-5	10/05/07		80.22	87.51	7.29	3,728.60
MW-5	10/08/07		80.20	87.52	7.32	3,728.61
MW-5	10/19/07		80.44	87.66	7.22	3,728.39
MW-5	10/24/07		80.36	87.73	7.37	3,728.44
MW-5	10/31/07		80.37	87.85	7.48	3,728.42
MW-5	11/12/07		80.36	87.51	7.15	3,728.48
MW-5	12/28/07		80.83	87.61	6.78	3,728.07
MW-5	12/03/07		80.34	87.35	7.01	3,728.52
MW-5	01/03/08		80.17	86.72	6.55	3,728.77
MW-5	01/08/08		80.17	86.85	6.68	3,728.75
MW-5	01/14/08		80.32	86.74	6.42	3,728.64
MW-5	01/23/08		82.34	85.78	3.44	3,727.11
MW-5	01/28/08		80.25	87.03	6.78	3,728.65
MW-5	02/11/08		80.26	86.34	6.08	3,728.76
MW-5	03/12/08		80.28	86.93	6.65	3,728.64
MW-5	03/26/08		81.23	84.33	3.10	3,728.28
MW-5	04/01/08		81.38	84.40	3.02	3,728.14
MW-5	04/11/08		81.79	83.35	1.56	3,727.97
MW-5	04/15/08		81.77	83.38	1.61	3,727.98
MW-5	04/22/08		81.50	82.54	1.04	3,728.35
MW-5	04/28/08		81.87	82.13	0.26	3,728.11
MW-5	05/06/08		81.51	82.56	1.05	3,728.34
MW-5	05/16/08		82.15	82.56	0.41	3,727.80
MW-5	05/22/08		81.92	83.49	1.57	3,727.84
MW-5	06/19/08		81.24	88.59	7.35	3,727.57
MW-5	07/25/08		81.76	88.92	7.16	3,727.08
MW-5	08/13/08		82.07	89.27	7.20	3,726.76
MW-5	09/23/08	3,809.21	82.61	83.73	1.12	3,726.42
MW-5	10/15/08		82.98	83.20	0.22	3,726.19
MW-5	12/04/08		82.77	83.31	0.54	3,726.35



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LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-5	01/21/09		81.48	87.40	5.92	3,726.75
MW-5	02/18/09	3,809.29	81.90	86.67	4.77	3,726.60
MW-5	04/06/09		82.40	86.98	4.58	3,726.13
MW-5	06/10/09		83.41	84.72	1.31	3,725.66
MW-5	08/25/09		84.03	87.40	3.37	3,724.70
MW-5	12/10/09		83.75	90.78	7.03	3,724.38
MW-5	01/08/10		83.69	90.13	6.44	3,724.54
MW-5	02/18/10		83.69	90.15	6.46	3,724.53
MW-5	06/09/10		85.02	87.17	2.15	3,723.92
MW-6	10/21/04	WELL INSTALLED 21-Oct-04				
MW-6	10/27/04	3,809.17		75.13		3,734.04
MW-6	10/29/04			75.13		3,734.04
MW-6	11/19/04			75.23		3,733.94
MW-6	03/31/05			75.33		3,733.84
MW-6	04/25/05			75.27		3,733.90
MW-6	05/12/05			75.30		3,733.87
MW-6	05/31/05			75.33		3,733.84
MW-6	06/29/05			75.68		3,733.49
MW-6	08/22/05			76.63		3,732.54
MW-6	09/15/05			76.80		3,732.37
MW-6	11/14/05			77.41		3,731.76
MW-6	01/23/06			77.60		3,731.57
MW-6	03/01/06			77.01		3,732.16
MW-6	05/25/06			77.92		3,731.25
MW-6	08/14/06			79.18		3,729.99
MW-6	11/29/06			80.12		3,729.05
MW-6	12/12/06			80.19		3,728.98
MW-6	01/11/07			80.20		3,728.97
MW-6	02/08/07			79.99		3,729.18
MW-6	02/20/07			80.36		3,728.81
MW-6	03/06/07			80.40		3,728.77



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Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-6	03/14/07			79.92		3,729.25
MW-6	03/27/07			80.62		3,728.55
MW-6	03/29/07			80.34		3,728.83
MW-6	04/03/07			80.68		3,728.49
MW-6	04/11/07			81.03		3,728.14
MW-6	04/17/07			80.82		3,728.35
MW-6	06/13/07			80.88		3,728.29
MW-6	06/26/07			81.04		3,728.13
MW-6	09/14/07			81.62		3,727.55
MW-6	10/19/07			81.64		3,727.53
MW-6	12/03/07			81.56		3,727.61
MW-6	01/08/08			81.78		3,727.39
MW-6	01/28/08			81.39		3,727.78
MW-6	03/12/08			81.39		3,727.78
MW-6	04/22/08			84.48		3,724.69
MW-6	06/19/08			82.10		3,727.07
MW-6	08/13/08			82.67		3,726.50
MW-6	10/15/08			82.99		3,726.18
MW-6	12/04/08			82.88		3,726.29
MW-6	01/21/09			82.59		3,726.58
MW-6	02/18/09	3,809.33		82.78		3,726.55
MW-6	04/06/09			83.17		3,726.16
MW-6	06/10/09			83.64		3,725.69
MW-6	08/25/09			84.51		3,724.82
MW-6	12/10/09			84.77		3,724.56
MW-6	01/08/10			84.59		3,724.74
MW-6	02/18/10			84.49		3,724.84
MW-6	06/09/10			84.98		3,724.35
MW-7	10/21/04	WELL INSTALLED 21-Oct-04				
MW-7	10/27/04	3,809.95	75.82	76.05	0.23	3,734.09
MW-7	10/29/04		75.82	76.05	0.23	3,734.09



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-7	11/19/04		75.21	79.14	3.93	3,734.09
MW-7	03/31/05		75.22	79.18	3.96	3,734.08
MW-7	04/25/05		74.37	82.84	8.47	3,734.18
MW-7	05/31/05		75.41	78.75	3.34	3,733.99
MW-7	06/29/05		74.86	83.31	8.45	3,733.70
MW-7	09/15/05		75.92	83.58	7.66	3,732.77
MW-7	11/14/05		76.75	83.17	6.42	3,732.14
MW-7	01/23/06		77.16	83.54	6.38	3,731.74
MW-7	03/01/06		76.71	82.60	5.89	3,732.27
MW-7	05/25/06		77.71	79.37	1.66	3,731.97
MW-7	08/14/06		78.61	83.34	4.73	3,730.56
MW-7	11/29/06		79.51	83.15	3.64	3,729.84
MW-7	12/12/06		79.95	83.00	3.05	3,729.50
MW-7	01/11/07		79.77	84.41	4.64	3,729.41
MW-7	02/08/07		79.63	84.15	4.52	3,729.57
MW-7	04/03/07		80.09	84.18	4.09	3,729.19
MW-7	04/11/07		80.73	84.91	4.18	3,728.53
MW-7	04/17/07		80.74	84.96	4.22	3,728.51
MW-7	05/14/07		80.30	84.42	4.12	3,728.97
MW-7	06/26/07		80.70	82.68	1.98	3,728.92
MW-7	06/28/07		80.52	83.66	3.14	3,728.91
MW-7	08/13/07		81.22	83.66	2.44	3,728.33
MW-7	08/21/07		81.37	83.44	2.07	3,728.24
MW-7	09/14/07		81.01	84.25	3.24	3,728.41
MW-7	09/26/07		80.97	84.30	3.33	3,728.43
MW-7	10/05/07		80.92	84.33	3.41	3,728.47
MW-7	10/08/07		80.92	84.32	3.40	3,728.47
MW-7	10/19/07		81.04	84.30	3.26	3,728.37
MW-7	10/24/07		81.05	84.30	3.25	3,728.36
MW-7	10/31/07		81.08	84.34	3.26	3,728.33
MW-7	11/12/07		81.02	84.35	3.33	3,728.45
MW-7	11/28/07		80.89	NA		



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-7	12/03/07		80.98	NA		
MW-7	01/03/08		79.83	NA		
MW-7	01/08/08		80.92	84.40*		
MW-7	01/14/08		81.34	84.37*		
MW-7	03/12/08		81.20	84.39*		
MW-7	03/26/08		81.54	84.45*		
MW-7	04/11/07		81.40	84.49	3.09	3,728.04
MW-7	04/15/07		82.67	83.16	0.49	3,727.20
MW-7	04/22/07		82.66	82.81	0.15	3,727.27
MW-7	04/28/07		82.75	83.14	0.39	3,727.14
MW-7	05/06/07		82.39	83.29	0.90	3,727.41
MW-7	05/16/07		83.03	83.26	0.23	3,726.88
MW-7	05/22/08		81.76	83.84	2.08	3,727.85
MW-7	06/19/08		81.91	84.64	2.73	3,727.59
MW-7	07/25/08		82.67	84.87	2.20	3,726.92
MW-7	08/13/08		82.76	84.95*		
MW-7	09/23/08		82.54	84.29*		
MW-7	10/15/08		83.48	84.29	0.81	3,726.34
MW-7	12/04/08		82.77	84.29	1.52	3,726.93
MW-7	01/21/09		82.59	84.27	1.68	3,727.08
MW-7	02/18/09	3,810.08	82.41	84.29	1.88	3,727.36
MW-7	04/06/09		82.92	84.29	1.37	3,726.93
MW-7	06/10/09		83.00	*84.15		
MW-7	08/25/09		83.83	86.70	2.87	3,725.78
MW-7	12/10/09		84.53	84.58	0.05	3,725.54
MW-7	01/08/10		84.25	84.60	0.35	3,725.77
MW-7	02/18/10		84.28	84.71	0.43	3,725.73
MW-7	06/09/10		ND	84.71	0.00	3,725.37
MW-8	10/20/04	WELL INSTALLED 20-Oct-04				
MW-8	10/27/04	3,810.29	--	76.20		3,734.09
MW-8	10/29/04		--	76.20		3,734.09



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-8	11/19/04		--	76.26		3,734.03
MW-8	03/31/05		--	76.30		3,733.99
MW-8	04/25/05		--	76.29		3,734.00
MW-8	05/12/05		--	76.32		3,733.97
MW-8	05/31/05		--	76.34		3,733.95
MW-8	06/29/05		--	76.62		3,733.67
MW-8	08/22/05		77.42	78.08	0.66	3,732.76
MW-8	11/14/05		78.16	79.40	1.24	3,731.93
MW-8	01/23/06		78.25	80.13	1.88	3,731.73
MW-8	03/01/06		77.60	80.55	2.95	3,732.20
MW-8	05/25/06		78.43	81.31	2.88	3,731.38
MW-8	08/14/06		79.63	82.84	3.21	3,730.13
MW-8	11/29/06		80.50	83.79	3.29	3,729.25
MW-8	12/12/06		80.59	83.90	3.31	3,729.15
MW-8	01/11/07		80.63	83.88	3.25	3,729.12
MW-8	02/08/07		80.66	83.94	3.28	3,729.09
MW-8	02/20/07		80.81	84.07	3.26	3,728.94
MW-8	03/06/07		80.88	84.11	3.23	3,728.88
MW-8	03/14/07		80.09	83.26	3.17	3,729.68
MW-8	03/27/07		80.13	83.24	3.11	3,729.65
MW-8	04/03/07		81.10	83.04	1.94	3,728.87
MW-8	04/11/07		81.59	83.49	1.90	3,728.39
MW-8	04/17/07		81.61	83.51	1.90	3,728.37
MW-8	05/24/07		81.33	NA		
MW-8	06/26/07		81.62	NA		
MW-8	06/28/07		81.52	NA		
MW-8	08/13/07		81.86	NA		
MW-8	08/21/07		81.96	NA		
MW-8	08/28/07		82.02	NA		
MW-8	09/14/07		82.35	82.36	0.01	3,727.94
MW-8	09/26/07		81.99	83.03	1.04	3,728.13
MW-8	10/05/07		81.97	84.33	2.36	3,727.93



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-8	10/08/07		81.96	83.63	1.67	3,728.05
MW-8	10/19/07		82.04	82.41	0.37	3,728.19
MW-8	11/12/07		82.04	82.43	0.39	3,728.19
MW-8	11/28/07		82.04	NA		
MW-8	12/03/07		82.11	NA		
MW-8	01/03/08		81.84	NA		
MW-8	01/08/08		81.85	82.56	0.71	
MW-8	01/14/08		82.13	83.33	1.20	3,727.96
MW-8	01/23/08		82.12	83.09	0.97	3,728.01
MW-8	01/28/08		82.04	83.30	1.26	3,728.04
MW-8	02/11/08		81.97	83.34	1.37	3,728.09
MW-8	03/12/08		81.93	83.34	1.41	3,728.13
MW-8	04/01/08		81.95	83.34	1.39	3,728.11
MW-8	04/11/08		82.37	83.94	1.57	3,727.66
MW-8	04/15/08		82.36	83.45	1.09	3,727.75
MW-8	04/22/08		82.33	83.48	1.15	3,727.77
MW-8	04/28/08		82.32	83.46	1.14	3,727.78
MW-8	05/06/08		82.67	82.82	0.15	3,727.60
MW-8	05/16/08		82.47	83.46	0.99	3,727.66
MW-8	06/19/08		82.61	NA		
MW-8	08/13/08		83.32	84.96*		
MW-8	09/23/08		82.89	83.29*		
MW-8	10/15/08			DRY		
MW-8	12/04/08		82.95	83.21*		
MW-8	01/21/09		82.66	83.21*		
MW-8	02/18/09	3,810.41	82.76	83.28	0.52	3,727.56
MW-8	04/06/09		83.09	83.25	0.16	3,727.29
MW-8	06/10/09			DRY		
MW-8	08/25/09			DRY		
MW-8	12/10/09			DRY		
MW-8	01/08/10			DRY		
MW-8	02/18/10			DRY		



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-8	06/09/10			DRY		
MW-9	10/19/04	WELL INSTALLED 19-Oct-04				
MW-9	10/27/04	3,809.81		75.85		3,733.96
MW-9	10/29/04			75.85		3,733.96
MW-9	11/19/04			75.91		3,733.90
MW-9	03/31/05			76.97		3,732.84
MW-9	04/25/05			75.91		3,733.90
MW-9	05/12/05			75.96		3,733.85
MW-9	05/31/05			75.99		3,733.82
MW-9	06/29/05			76.34		3,733.47
MW-9	08/22/05			77.31		3,732.50
MW-9	09/15/05			77.48		3,732.33
MW-9	11/14/05			78.15		3,731.66
MW-9	01/23/06			78.33		3,731.48
MW-9	03/01/06			77.78		3,732.03
MW-9	05/25/06			78.67		3,731.14
MW-9	08/14/06			79.90		3,729.91
MW-9	11/29/06			80.87		3,728.94
MW-9	12/12/06			80.93		3,728.88
MW-9	01/11/07			90.94		3,718.87
MW-9	02/08/07			80.70		3,729.11
MW-9	02/20/07			81.09		3,728.72
MW-9	03/06/07			81.15		3,728.66
MW-9	03/14/07			80.65		3,729.16
MW-9	03/27/07			81.34		3,728.47
MW-9	03/29/07			81.11		3,728.70
MW-9	04/03/07			81.12		3,728.69
MW-9	04/11/07			81.50		3,728.31
MW-9	04/17/07			81.60		3,728.21
MW-9	05/21/07			81.61		3,728.20
MW-9	06/13/07			81.65		3,728.16



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-9	06/26/07			81.78		3,728.03
MW-9	09/14/07			82.33		3,727.48
MW-9	10/19/07			82.37		3,727.44
MW-9	12/03/07			82.30		3,727.51
MW-9	01/08/08			82.10		3,727.71
MW-9	01/28/08			82.12		3,727.69
MW-9	03/12/08			82.11		3,727.70
MW-9	04/22/08			82.54		3,727.27
MW-9	05/16/08			82.66		3,727.15
MW-9	06/19/08			82.87		3,726.94
MW-9	08/13/08			83.41		3,726.40
MW-9	10/15/08			83.72		3,726.09
MW-9	12/04/08			83.59		3,726.22
MW-9	01/21/09			83.29		3,726.52
MW-9	02/18/09	3,809.98		86.94		3,723.04
MW-9	04/06/09			83.88		3,726.10
MW-9	06/10/09			85.35		3,724.63
MW-9	08/25/09			85.25		3,724.73
MW-9	12/10/09			85.47		3,724.51
MW-9	01/08/10			85.27		3,724.71
MW-9	02/18/10			85.18		3,724.80
MW-9	06/09/10			85.09		3,724.89
MW-10	10/20/04	WELL INSTALLED 20-Oct-04				
MW-10	10/27/04	3,809.64		75.76		3,733.88
MW-10	10/29/04			75.76		3,733.88
MW-10	11/19/04			75.84		3,733.80
MW-10	03/31/05			75.87		3,733.77
MW-10	04/25/05			75.85		3,733.79
MW-10	05/12/05			75.96		3,733.68
MW-10	05/31/05			75.91		3,733.73
MW-10	06/29/05			76.30		3,733.34



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-10	08/22/05			77.32		3,732.32
MW-10	09/15/05			77.46		3,732.18
MW-10	11/14/05			78.08		3,731.56
MW-10	01/23/06			78.22		3,731.42
MW-10	03/01/06			77.58		3,732.06
MW-10	05/25/06			78.66		3,730.98
MW-10	08/14/06			79.96		3,729.68
MW-10	11/29/06			80.84		3,728.80
MW-10	12/12/06			80.91		3,728.73
MW-10	01/11/07			80.84		3,728.80
MW-10	02/08/07			80.59		3,729.05
MW-10	02/20/07			81.00		3,728.64
MW-10	03/06/07			81.08		3,728.56
MW-10	03/14/07			80.52		3,729.12
MW-10	03/27/07			81.33		3,728.31
MW-10	03/29/07			81.07		3,728.57
MW-10	04/03/07			81.37		3,728.27
MW-10	04/11/07			81.46		3,728.18
MW-10	04/17/07			81.53		3,728.11
MW-10	05/24/07			81.54		3,728.10
MW-10	06/13/07			81.59		3,728.05
MW-10	06/26/07			81.78		3,727.86
MW-10	09/14/07			82.30		3,727.34
MW-10	10/19/07			82.33		3,727.31
MW-10	12/03/07			85.26		3,724.38
MW-10	01/08/08			82.01		3,727.63
MW-10	01/28/08			82.02		3,727.62
MW-10	03/12/08			82.04		3,727.60
MW-10	04/22/08			82.51		3,727.13
MW-10	05/16/08			82.64		3,727.00
MW-10	06/19/08			82.88		3,726.76
MW-10	08/13/08			83.42		3,726.22



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-10	10/15/08			83.73		3,725.91
MW-10	12/04/08			83.51		3,726.13
MW-10	01/21/09			83.19		3,726.45
MW-10	02/18/09	3809.79		86.72		3,723.07
MW-10	04/06/09			83.87		3,725.92
MW-10	06/10/09			84.23		3,725.56
MW-10	08/25/09			85.29		3,724.50
MW-10	12/10/09			85.42		3,724.37
MW-10	01/08/10			85.20		3,724.59
MW-10	02/18/10			85.09		3,724.70
MW-10	06/09/10			85.67		3,724.12
MW-11	02/21/06	WELL INSTALLED 2/21/06				
MW-11	03/01/06	3,808.95		76.95		3,732.00
MW-11	05/25/06			78.06		3,730.89
MW-11	08/14/06			79.57		3,729.38
MW-11	11/29/06			80.26		3,728.69
MW-11	12/12/06			80.27		3,728.68
MW-11	01/11/07			80.19		3,728.76
MW-11	02/08/07			79.91		3,729.04
MW-11	02/20/07			80.35		3,728.60
MW-11	03/06/07			80.42		3,728.53
MW-11	03/14/07			80.01		3,728.94
MW-11	03/27/09			80.43		3,728.52
MW-11	03/29/09			80.46		3,728.49
MW-11	04/03/07			80.96		3,727.99
MW-11	04/11/07			80.86		3,728.09
MW-11	04/17/07			80.94		3,728.01
MW-11	05/24/07			80.89		3,728.06
MW-11	06/13/07			81.08		3,727.87
MW-11	06/26/07			81.19		3,727.76
MW-11	09/14/07			81.68		3,727.27



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-11	10/19/07			81.76		3,727.19
MW-11	12/03/07			81.60		3,727.35
MW-11	01/08/08			81.35		3,727.60
MW-11	01/28/08			81.36		3,727.59
MW-11	03/12/08			81.43		3,727.52
MW-11	04/22/08			81.91		3,727.04
MW-11	05/16/08			82.07		3,726.88
MW-11	06/19/08			82.31		3,726.64
MW-11	08/13/08			82.88		3,726.07
MW-11	10/15/08			83.15		3,725.80
MW-11	12/04/08			82.88		3,726.07
MW-11	01/21/09			82.53		3,726.42
MW-11	02/18/09	3,809.12		82.77		3,726.35
MW-11	04/06/09			83.28		3,725.84
MW-11	06/10/09			83.76		3,725.36
MW-11	08/25/09			84.81		3,724.31
MW-11	12/10/09			84.08		3,725.04
MW-11	01/08/10			84.55		3,724.57
MW-11	02/18/10			84.43		3,724.69
MW-11	06/09/10			85.08		3,724.04
MW-12	02/23/06	WELL INSTALLED 2/23/06				
MW-12	03/01/06	3,809.63		77.60		3,732.03
MW-12	05/25/06			78.68		3,730.95
MW-12	08/14/06			79.99		3,729.64
MW-12	11/29/06			80.86		3,728.77
MW-12	12/12/06			80.90		3,728.73
MW-12	01/11/07			80.81		3,728.82
MW-12	02/08/07			80.55		3,729.08
MW-12	02/20/07			80.96		3,728.67
MW-12	03/06/07			81.04		3,728.59
MW-12	03/14/07			81.15		3,728.48



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-12	03/27/07			81.31		3,728.32
MW-12	03/29/07			81.15		3,728.48
MW-12	04/03/07			81.35		3,728.28
MW-12	04/11/07			81.87		3,727.76
MW-12	04/17/07			81.50		3,728.13
MW-12	05/24/07			81.45		3,728.18
MW-12	06/26/07			81.79		3,727.84
MW-12	09/14/07			82.29		3,727.34
MW-12	10/19/07			82.36		3,727.27
MW-12	12/03/07			82.20		3,727.43
MW-12	01/08/08			81.99		3,727.64
MW-12	01/28/08			81.98		3,727.65
MW-12	03/12/08			82.07		3,727.56
MW-12	04/22/08			82.52		3,727.11
MW-12	05/16/08			82.07		3,727.56
MW-12	06/19/08			82.91		3,726.72
MW-12	08/13/08			83.46		3,726.17
MW-12	10/15/08			83.74		3,725.89
MW-12	12/04/08		83.38	84.10	0.72	#REF!
MW-12	01/21/09		83.08	83.71	0.63	3,726.45
MW-12	02/18/09	3809.81	83.20	84.42	1.22	3,726.41
MW-12	04/06/09		83.51	85.66	2.15	3,725.95
MW-12	06/10/09		83.62	87.94	4.32	3,725.48
MW-12	08/25/09		84.44	89.90	5.46	3,724.47
MW-12	12/10/09		85.09	88.60	3.51	3,724.14
MW-12	01/08/10		84.93	88.26	3.33	3,724.33
MW-12	02/18/10		84.90	88.25	3.35	3,724.36
MW-12	06/09/10		86.05	86.26	0.21	3,723.73
MW-13	02/22/06	WELL INSTALLED 2/22/06				
MW-13	03/01/06	3,809.42		77.33		3,732.09
MW-13	05/25/06			78.35		3,731.07



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-13	08/14/06			79.59		3,729.83
MW-13	11/29/06			80.51		3,728.91
MW-13	12/12/06			80.68		3,728.74
MW-13	01/11/07			80.48		3,728.94
MW-13	02/08/07			80.25		3,729.17
MW-13	02/20/07			80.86		3,728.56
MW-13	03/06/07			80.71		3,728.71
MW-13	03/14/07			80.82		3,728.60
MW-13	03/27/07			79.97		3,729.45
MW-13	03/29/07			80.70		3,728.72
MW-13	04/03/07			81.02		3,728.40
MW-13	04/11/07			81.62		3,727.80
MW-13	04/17/07			81.17		3,728.25
MW-13	05/24/07			81.19		3,728.23
MW-13	06/26/07			81.42		3,728.00
MW-13	09/14/07			81.99		3,727.43
MW-13	10/19/07			82.02		3,727.40
MW-13	12/03/07			81.91		3,727.51
MW-13	01/08/08			81.71		3,727.71
MW-13	01/28/08			81.71		3,727.71
MW-13	03/12/08			81.74		3,727.68
MW-13	04/22/08			82.17		3,727.25
MW-13	05/16/08			82.31		3,727.11
MW-13	06/19/08			82.54		3,726.88
MW-13	08/13/08			83.06		3,726.36
MW-13	10/15/08			83.37		3,726.05
MW-13	12/04/08			83.21		3,726.21
MW-13	01/21/09			82.91		3,726.51
MW-13	02/18/09	3,809.59		83.10		3,726.49
MW-13	04/06/09			83.54		3,726.05
MW-13	06/10/09			84.02		3,725.57
MW-13	08/25/09			84.95		3,724.64



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-13	12/10/09			85.13		3,724.46
MW-13	01/08/10			84.92		3,724.67
MW-13	02/18/10			84.80		3,724.79
MW-13	06/09/10			85.36		3,724.23
MW-14	02/21/06	WELL INSTALLED 2/21/06				
MW-14	03/01/06	3,809.46		77.31		3,732.15
MW-14	05/25/06			78.29		3,731.17
MW-14	08/14/06			79.41		3,730.05
MW-14	11/29/06			80.37		3,729.09
MW-14	12/12/06			80.51		3,728.95
MW-14	01/11/07			80.53		3,728.93
MW-14	02/08/07			80.20		3,729.26
MW-14	02/20/07			80.61		3,728.85
MW-14	03/06/07			80.65		3,728.81
MW-14	03/14/07			80.02		3,729.44
MW-14	03/27/07			80.85		3,728.61
MW-14	03/29/07			80.59		3,728.87
MW-14	04/03/07			80.91		3,728.55
MW-14	04/11/07			80.59		3,728.87
MW-14	04/17/07			81.04		3,728.42
MW-14	05/24/07			81.10		3,728.36
MW-14	06/26/07			81.28		3,728.18
MW-14	09/14/07			81.88		3,727.58
MW-14	10/19/07			81.89		3,727.57
MW-14	12/03/07			81.78		3,727.68
MW-14	01/08/08			81.66		3,727.80
MW-14	01/28/08			81.68		3,727.78
MW-14	03/12/08			81.68		3,727.78
MW-14	04/22/08			82.11		3,727.35
MW-14	05/16/08			82.19		3,727.27
MW-14	06/19/08			82.41		3,727.05



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-14	08/13/08			82.91		3,726.55
MW-14	10/15/08			83.23		3,726.23
MW-14	12/04/08			83.15		3,726.31
MW-14	01/21/09			82.08		3,727.38
MW-14	02/18/09	3,809.63		83.05		3,726.58
MW-14	04/06/09			83.43		3,726.20
MW-14	06/10/09			83.91		3,725.72
MW-14	08/25/09			84.75		3,724.88
MW-14	12/10/09			85.04		3,724.59
MW-14	01/08/10			84.85		3,724.78
MW-14	02/18/10			84.74		3,724.89
MW-14	06/09/10			85.23		3,724.40
MW-15	02/22/06		WELL INSTALLED 2/22/06			
MW-15	03/01/06	3,810.77		78.50		3,732.27
MW-15	05/25/06			79.41		3,731.36
MW-15	08/14/06			80.54		3,730.23
MW-15	11/29/06			81.54		3,729.23
MW-15	12/12/06			81.63		3,729.14
MW-15	01/11/07			81.67		3,729.10
MW-15	02/08/07			81.43		3,729.34
MW-15	02/20/07			81.81		3,728.96
MW-15	03/06/07			81.85		3,728.92
MW-15	03/14/07			81.16		3,729.61
MW-15	03/27/07			82.07		3,728.70
MW-15	03/29/07			81.40		3,729.37
MW-15	04/03/07			82.11		3,728.66
MW-15	04/11/07			82.70		3,728.07
MW-15	04/17/07			82.24		3,728.53
MW-15	05/24/07			82.30		3,728.47
MW-15	06/26/07			82.48		3,728.29
MW-15	09/14/07			83.05		3,727.72



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-15	10/19/07			83.06		3,727.71
MW-15	12/03/07			83.02		3,727.75
MW-15	01/08/08			82.89		3,727.88
MW-15	01/28/08			82.81		3,727.96
MW-15	03/12/08			82.86		3,727.91
MW-15	04/22/08			83.23		3,727.54
MW-15	05/16/08			83.31		3,727.46
MW-15	06/19/08			83.57		3,727.20
MW-15	08/13/08			84.07		3,726.70
MW-15	10/15/08			84.41		3,726.36
MW-15	12/04/08			84.34		3,726.43
MW-15	01/21/09			84.07		3,726.70
MW-15	02/18/09	3,810.93		84.26		3,726.67
MW-15	04/06/09			84.61		3,726.32
MW-15	06/10/09			85.07		3,725.86
MW-15	08/25/09			85.89		3,725.04
MW-15	12/10/09			86.22		3,724.71
MW-15	01/08/10			86.04		3,724.89
MW-15	02/18/10			85.95		3,724.98
MW-15	06/09/10			86.41		3,724.52
MW-16	02/23/06		WELL INSTALLED 2/23/06			
MW-16	03/01/06	3,812.02		79.72		3,732.30
MW-16	05/25/06			80.58		3,731.44
MW-16	08/14/06			81.71		3,730.31
MW-16	11/29/06			82.74		3,729.28
MW-16	12/12/06			82.84		3,729.18
MW-16	01/11/07			82.90		3,729.12
MW-16	02/08/07			82.66		3,729.36
MW-16	02/20/07			83.06		3,728.96
MW-16	03/06/07			83.07		3,728.95
MW-16	03/14/07			82.69		3,729.33



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-16	03/27/07			83.27		3,728.75
MW-16	03/29/07			83.01		3,729.01
MW-16	04/03/07			83.33		3,728.69
MW-16	04/11/07			84.02		3,728.00
MW-16	04/17/07			83.44		3,728.58
MW-16	05/24/07			83.55		3,728.47
MW-16	06/26/07			83.69		3,728.33
MW-16	09/14/07			84.25		3,727.77
MW-16	10/19/07			84.28		3,727.74
MW-16	12/03/07			84.24		3,727.78
MW-16	01/08/08			84.10		3,727.92
MW-16	01/28/08			84.09		3,727.93
MW-16	03/12/08			84.07		3,727.95
MW-16	04/22/08			80.09		3,731.93
MW-16	05/16/08			85.55		3,726.47
MW-16	06/19/08			84.76		3,727.26
MW-16	08/13/08			85.25		3,726.77
MW-16	10/15/08			85.63		3,726.39
MW-16	12/04/08			85.58		3,726.44
MW-16	01/21/09			85.32		3,726.70
MW-16	02/18/09	3,812.23		85.53		3,726.70
MW-16	04/06/09			85.80		3,726.43
MW-16	06/10/09			86.26		3,725.97
MW-16	08/25/09			87.08		3,725.15
MW-16	12/10/09			85.30		3,726.93
MW-16	01/08/10			87.24		3,724.99
MW-16	02/18/10			87.17		3,725.06
MW-16	06/09/10			87.60		3,724.63
MW-17	02/23/06	WELL INSTALLED 2/23/06				
MW-17	03/01/06	3,810.40		78.07		3,732.33
MW-17	05/25/06			78.92		3,731.48



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-17	08/14/06			80.02		3,730.38
MW-17	11/29/06			81.10		3,729.30
MW-17	12/12/06			81.20		3,729.20
MW-17	01/11/07			81.25		3,729.15
MW-17	02/08/07			81.06		3,729.34
MW-17	02/20/07			81.45		3,728.95
MW-17	03/06/07			81.48		3,728.92
MW-17	03/14/07			80.89		3,729.51
MW-17	03/27/07			81.65		3,728.75
MW-17	03/29/07			81.40		3,729.00
MW-17	04/03/07			81.70		3,728.70
MW-17	04/11/07			82.11		3,728.29
MW-17	04/17/07			81.83		3,728.57
MW-17	05/22/07			81.92		3,728.48
MW-17	06/26/07			82.06		3,728.34
MW-17	09/14/07			82.59		3,727.81
MW-17	10/19/07			82.60		3,727.80
MW-17	12/03/07			82.56		3,727.84
MW-17	01/08/08			82.48		3,727.92
MW-17	01/28/08			82.47		3,727.93
MW-17	03/12/08			82.41		3,727.99
MW-17	04/22/08			80.42		3,729.98
MW-17	05/16/08			82.89		3,727.51
MW-17	06/19/08			83.10		3,727.30
MW-17	08/13/08			83.68		3,726.72
MW-17	10/15/08			83.98		3,726.42
MW-17	12/04/08			83.92		3,726.48
MW-17	01/21/09			83.66		3,726.74
MW-17	02/18/09	3,810.57		83.85		3,726.72
MW-17	04/06/09			84.17		3,726.40
MW-17	06/10/09			84.59		3,725.98
MW-17	08/25/09			85.37		3,725.20



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-17	12/10/09			85.71		3,724.86
MW-17	01/08/10			85.60		3,724.97
MW-17	02/18/10			85.52		3,725.05
MW-17	06/09/10			85.92		3,724.65
MW-18	03/18/08	WELL INSTALLED 3/18/08				
MW-18	03/25/08	3,809.09		82.07		3,727.02
MW-18	04/22/08			82.19		3,726.90
MW-18	05/16/08			82.36		3,726.73
MW-18	06/19/08			82.61		3,726.48
MW-18	08/13/08			83.19		3,725.90
MW-18	10/15/08			83.45		3,725.64
MW-18	12/04/08			83.11		3,725.98
MW-18	01/21/09			82.78		3,726.31
MW-18	02/18/09	3,809.28		83.01		3,726.27
MW-18	04/06/09			83.60		3,725.68
MW-18	06/10/09			84.06		3,725.22
MW-18	08/25/09			85.13		3,724.15
MW-18	12/10/09			85.09		3,724.19
MW-18	01/08/10			84.82		3,724.46
MW-18	02/18/10			84.67		3,724.61
MW-18	06/09/10			85.36		3,723.92

Corrected Groundwater Elevation = Top of Casing Elevation - (Depth to Water Below Top of Casing - (SG)(PSH Thickness)) SG=0.835

** Estimated Product Thickness using Total Depth of Well as the Depth to Water.

ND = Not Detected

btoc = Below Top of Casing

amsl = Above Mean Sea Level



TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene	Total BTEX
MW-1	09/22/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	11/19/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	03/31/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	05/12/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	08/22/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	11/14/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	03/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	05/25/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	11/29/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	03/29/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	06/13/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	09/14/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	12/03/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	03/12/08	Not sampled Due to Dry Well				
MW-1	06/19/08	Not sampled Due to Dry Well				
MW-1	08/13/08	Not sampled Due to Dry Well				
MW-1	09/18/08	Well Plugged				
MW-1A	09/18/08	Well Installed				
MW-1A	09/23/08	20.1	13.9	2.03	4.58	40.61
MW-1A	12/04/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1A	02/19/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1A	06/10/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1A	08/25/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1A	12/11/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1A	02/18/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1A	06/09/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	09/22/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	11/19/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	03/31/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	05/12/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	08/22/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	11/14/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	03/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	05/25/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				



TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCDF REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene	Total BTEX
MW-2	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	11/29/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	03/29/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	06/13/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	09/14/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	12/03/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	03/12/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	06/19/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	08/13/08	Not sampled Due to Not Enough Water				
MW-2	12/04/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	02/19/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	06/10/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	08/26/09	29.2	15.0	3.49	9.26	56.95
MW-2	12/11/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	02/18/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	06/09/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	09/22/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	11/19/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	03/31/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	05/12/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	08/22/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	11/14/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	03/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	05/25/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	11/29/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	03/29/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	06/13/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	09/14/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	12/03/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	03/12/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	06/19/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	09/23/08	18.2	7.71	1.81	4.15	31.9
MW-3	12/04/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	02/19/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				



TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene	Total BTEX
MW-3	06/10/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	08/26/09	26.7	26.4	7.80	18.0	26.1
MW-3	12/11/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	02/18/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	06/09/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	09/22/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	11/19/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	03/31/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	05/12/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	08/22/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	11/14/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	03/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	05/25/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	11/29/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	03/29/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	06/13/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	09/14/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	12/03/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	03/12/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	06/19/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	09/23/08	31.2	31.1	8.39	18.9	89.6
MW-4	12/04/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	02/19/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	06/10/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	8/25/209	Not Sampled Due to Insufficient Water				
MW-4	12/11/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	02/18/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	06/09/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	09/22/04	<0.00100	<0.00100	<0.00100	<0.00300	179.2
MW-5	03/31/05	3.14	0.0498	0.142	0.133	3.46
MW-5	05/12/05	4.25	0.0089	0.313	0.184	4.76
MW-5	08/22/05	20.3	2.240	1.420	1.140	25.1
MW-5	11/14/05	19.5	0.847	0.904	0.478	21.7



TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene	Total BTEX
MW-5	03/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	05/25/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	11/29/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	03/29/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	06/13/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	09/14/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	12/03/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	03/12/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	06/19/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	09/23/08	11.9	5.8	1.08	1.92	20.7
MW-5	12/04/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	02/19/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	06/10/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	08/26/09	15.9	9.17	2.05	4.87	32.0
MW-5	12/11/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	02/18/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	06/09/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-6	11/19/04	0.635	0.00105	<0.00100	0.00981	0.646
MW-6	03/31/05	0.702	<0.00100	<0.00100	0.0107	0.713
MW-6	05/12/05	0.468	0.00139	<0.00100	0.00823	0.48
MW-6	08/22/05	0.158	<0.00100	1.3	0.00406	1.462
MW-6	11/14/05	0.231	0.00574	1.97	0.00896	2.216
MW-6	03/01/06	0.0909	0.00382	<0.00100	0.0035	0.0982
MW-6	05/25/06	<0.00100	<0.00100	<0.00100	<0.00300	<0.00300
MW-6	08/14/06	0.863	<0.100	<0.100	<0.300	0.863
MW-6	11/29/06	1.360	0.0366	<5	0.03624	1.433
MW-6	03/29/07	0.112	0.0220	0.00184	0.01143	0.147
MW-6	06/13/07	0.101	0.0206	<0.00100	0.00919	0.131
MW-6	09/14/07	0.0968	0.0104	0.0013	0.008	0.1165
MW-6	12/03/07	0.1491	0.0209	0.0011	0.0132	0.1843
MW-6	03/12/08	0.138	0.03010	<0.00100	0.01880	0.187
MW-6	06/19/08	0.198	0.0293	0.00120	0.01390	0.242
MW-6	08/13/08	0.454	0.0383	<0.0100	<0.0100	0.4923
MW-6	12/04/08	0.200	0.0162	0.00230	0.0115	0.230



TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCDF REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene	Total BTEX
MW-6	02/19/09	0.116	0.00910	<0.00100	0.00250	0.128
MW-6	06/10/09	0.229	0.0242	<0.00100	0.0172	0.270
MW-6	08/25/09	0.269	0.0270	<0.00100	0.0320	0.328
MW-6	12/11/09	0.410	0.0395	0.00200	0.0271	0.479
MW-6	02/18/10	1.360	0.0375	0.04560	0.0733	1.516
MW-6	06/09/10	0.09530	0.00890	<0.00500	<0.00500	0.104
MW-7	11/19/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	03/31/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	05/12/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	08/22/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	11/14/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	03/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	05/25/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	11/29/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	03/29/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	06/13/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	09/14/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	12/03/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	03/12/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	06/19/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	08/13/08	Not sampled Due to Not Enough Water				
MW-7	12/04/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	02/19/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	06/10/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	08/25/09	Not Sampled Due to Insufficient Water				
MW-7	12/11/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	02/18/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	06/09/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-8	11/19/04	1.440	0.141	0.0298	0.0782	1.689
MW-8	03/31/05	0.915	0.0596	0.00408	0.0317	1.010
MW-8	05/12/05	0.737	0.0878	0.00588	0.0315	0.862
MW-8	08/22/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-8	11/14/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				



TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene	Total BTEX
MW-8	03/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-8	05/25/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-8	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-8	11/29/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-8	03/29/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-8	06/13/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-8	09/14/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-8	12/03/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-8	03/12/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-8	06/19/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-8	08/13/08	Not sampled Due to Not Enough Water				
MW-8	12/04/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-8	02/19/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-8	06/10/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-8	08/25/09	Not Sampled Due to Insufficient Water				
MW-8	12/11/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-8	02/18/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-8	06/09/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-9	11/19/04	0.042	<0.00100	<0.00100	<0.00100	0.042
MW-9	03/31/05	0.024	<0.00100	<0.00100	0.00302	0.027
MW-9	05/12/05	0.0115	<0.00100	<0.00100	0.00201	0.014
MW-9	08/22/05	0.0108	<0.00100	<0.00100	0.00701	0.018
MW-9	11/14/05	0.00855	<0.00100	<0.00100	<0.00300	0.009
MW-9	03/01/06	0.00537	<0.00100	<0.00100	<0.00300	0.005
MW-9	05/25/06	0.0289	<0.00100	<0.00100	<0.00300	0.029
MW-9	08/14/06	0.0152	<0.00100	<0.00100	<0.00300	0.015
MW-9	11/29/06	0.0238	<0.00100	<0.00100	<0.00300	0.024
MW-9	03/29/07	0.0186	0.000482	0.000281	0.00157	0.021
MW-9	06/13/07	0.00910	<0.001	<0.001	0.00504	0.014
MW-9	09/14/07	0.0081	<0.001	<0.001	0.0045	0.013
MW-9	12/03/07	0.0049	<0.002	<0.001	0.0100	0.015
MW-9	03/12/08	0.0070	<0.00100	<0.00100	0.0102	0.017
MW-9	06/19/08	0.01240	<0.00100	<0.00100	0.00150	0.014
MW-9	08/13/08	0.130	<0.00100	<0.00100	<0.00100	0.130
MW-9	12/04/08	0.166	<0.00100	0.0151	0.0195	0.201



TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene	Total BTEX
MW-9	02/19/09	0.00290	<0.00100	<0.00100	<0.00100	0.003
MW-9	06/10/09	0.0125	<0.00100	<0.00100	0.00550	0.018
MW-9	08/25/09	0.019	<0.00100	<0.00100	0.0203	0.039
MW-9	12/11/09	0.00280	<0.00100	<0.00100	<0.00100	0.003
MW-9	02/18/10	0.04940	<0.00100	0.00300	0.00480	0.057
MW-9	06/09/10	0.01450	<0.00100	<0.00100	<0.00100	0.015
MW-10	11/19/04	0.00725	0.00126	<0.00100	0.0367	0.04521
MW-10	03/31/05	0.00128	<0.00100	<0.00100	0.0247	0.02598
MW-10	05/12/05	0.00316	<0.00100	<0.00100	0.00793	0.01109
MW-10	08/22/05	0.00276	<0.00100	<0.00100	<0.00300	0.00276
MW-10	11/14/05	0.00809	<0.00100	<0.00100	<0.00300	0.00809
MW-10	03/01/06	0.00378	<0.00100	<0.00100	<0.002	0.00378
MW-10	05/25/06	0.00663	<0.00100	<0.00100	<0.002	0.00663
MW-10	08/14/06	0.0071	<0.00100	<0.00100	<0.002	0.00710
MW-10	11/29/06	0.0107	<0.00100	<0.00100	<0.002	0.01070
MW-10	03/29/07	0.00696	0.00140	<0.00100	0.00151	0.00987
MW-10	06/13/07	0.00362	0.00137	<0.00100	0.00237	0.00736
MW-10	09/14/07	0.0056	<0.00100	<0.00100	0.0023	0.00790
MW-10	12/03/07	0.0046	<0.002	<0.00100	<0.002	0.00460
MW-10	03/12/08	0.17900	0.030	0.00890	0.0389	0.25680
MW-10	06/19/08	0.00470	<0.00100	<0.00100	0.00210	0.00680
MW-10	08/13/08	<0.00500	<0.00500	<0.00500	<0.00500	0.00000
MW-10	12/04/08	0.00550	<0.00100	<0.00100	0.0150	0.02050
MW-10	02/19/09	0.00310	<0.00100	<0.00100	<0.00100	0.00310
MW-10	06/10/09	0.0114	0.00470	<0.00100	0.00900	0.02510
MW-10	08/25/09	0.0302	0.0129	<0.00100	0.0258	0.06890
MW-10	12/11/09	0.00240	<0.00100	<0.00100	<0.00100	0.00240
MW-10	06/09/10	0.00300	<0.00100	<0.00100	<0.00100	0.00300
MW-11	03/01/06	<0.00100	<0.00100	<0.00100	<0.00300	<0.00300
MW-11	05/25/06	<0.00100	<0.00100	<0.00100	<0.00300	<0.00300
MW-11	08/14/06	0.00181	<0.00100	<0.00100	<0.00300	0.00181
MW-11	11/29/06	0.00389	0.00198	<0.00100	<0.00300	0.00587
MW-11	03/29/07	<0.00100	<0.00100	<0.00100	<0.00300	<0.00300
MW-11	06/13/07	<0.00100	<0.00100	<0.00100	<0.00300	<0.00300



TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene	Total BTEX
MW-11	09/14/07	0.0013	<0.00100	<0.00100	<0.00300	0.0013
MW-11	12/03/07	0.0010	<0.00100	<0.00100	<0.00300	0.001
MW-11	03/12/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	06/19/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	08/13/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	12/04/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	02/19/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	06/10/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	08/25/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	12/11/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	02/18/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	06/09/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-12	03/01/06	0.00448	<0.001	0.00738	0.0119	0.02376
MW-12	05/25/06	0.75	0.00532	0.0553	0.10683	0.91745
MW-12	08/14/06	10.7	0.116	0.567	0.646	12.029
MW-12	11/29/06	28.4	8.69	1.59	3.08	41.76
MW-12	03/29/07	18.4	4.65	1.46	2.46	26.97
MW-12	06/13/07	27.6	4.87	1.16	1.05	34.68
MW-12	09/14/07	18.66	1.490	0.7570	1.14	22.047
MW-12	12/03/07	24.91	1.080	0.6060	0.910	27.506
MW-12	03/12/08	31.5	1.12	0.874	1.09	34.584
MW-12	06/19/08	30.7	4.95	1.27	1.99	38.91
MW-12	08/13/08	30.2	8.44	1.25	2.22	42.11
MW-12	12/04/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	02/19/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	06/10/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	08/26/09	43.00	48.40	17.20	39.80	148.40
MW-12	12/11/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	02/18/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	06/09/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-13	03/01/06	<0.001	<0.001	<0.001	<0.003	<0.003
MW-13	05/25/06	<0.001	<0.001	<0.001	<0.003	<0.003
MW-13	08/14/06	<0.001	<0.001	<0.001	<0.003	<0.003
MW-13	11/29/06	0.00631	0.0121	0.00264	0.0139	0.03495



TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene	Total BTEX
MW-13	03/29/07	0.0313	0.00911	0.00508	0.00367	0.04916
MW-13	06/13/07	0.0122	0.00427	0.00207	0.00357	0.02211
MW-13	09/14/07	<0.001	<0.001	<0.001	<0.00300	<0.00300
MW-13	12/03/07	0.0021	<0.002	<0.001	<0.003	0.0021
MW-13	03/12/08	0.0210	<0.00100	<0.00100	0.00310	0.0241
MW-13	06/19/08	0.0179	<0.00100	<0.00100	0.00200	0.0199
MW-13	08/13/08	0.0231	<0.00100	<0.00100	0.00140	0.0245
MW-13	12/04/08	0.0240	<0.00100	<0.00100	0.0161	0.0401
MW-13	02/19/09	0.0634	<0.00100	<0.00100	0.00400	0.0674
MW-13	06/10/09	0.0621	<0.00100	<0.00100	0.0282	0.0903
MW-13	08/25/09	0.1200	<0.00100	<0.00100	0.05280	0.1728
MW-13	12/11/09	0.00770	<0.00100	<0.00100	<0.00100	0.0077
MW-13	02/18/10	0.01100	<0.00100	<0.00100	0.00530	0.0163
MW-13	06/09/10	0.0320	<0.00100	<0.00100	0.00480	0.0368
MW-14	03/01/06	<0.001	<0.001	<0.001	<0.002	<0.002
MW-14	05/25/06	<0.001	0.00202	<0.001	<0.002	<0.002
MW-14	08/14/06	<0.001	<0.001	<0.001	<0.002	<0.002
MW-14	11/29/06	<0.001	<0.001	<0.001	<0.002	<0.002
MW-14	03/29/07	0.00402	0.00139	<0.001	<0.001	0.00541
MW-14	06/13/07	0.00794	0.00235	<0.001	0.00122	0.01151
MW-14	09/14/07	0.0016	<0.001	<0.001	<0.002	0.0016
MW-14	12/03/07	<0.001	<0.002	<0.001	<0.002	<0.002
MW-14	03/12/08	0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	06/19/08	0.00650	0.0015	<0.00100	0.00140	0.00940
MW-14	08/13/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	12/04/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	02/19/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	06/10/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	08/25/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	12/11/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	02/18/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	06/09/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	03/01/06	<0.001	0.00115	<0.001	<0.00300	0.00115
MW-15	05/25/06	<0.001	0.002	<0.001	<0.00300	0.002



TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene	Total BTEX
MW-15	08/14/06	<0.001	<0.001	<0.001	<0.00300	<0.00300
MW-15	11/29/06	<0.001	<0.001	<0.001	<0.00300	<0.00300
MW-15	03/29/07	0.00291	<0.001	<0.001	<0.00300	0.00291
MW-15	06/13/07	0.00171	<0.001	<0.001	<0.00300	0.00171
MW-15	09/14/07	0.0123	0.0012	<0.001	<0.00300	0.0135
MW-15	12/03/07	0.0013	<0.002	<0.001	<0.00300	0.0013
MW-15	03/12/08	0.00260	<0.00100	<0.00100	<0.00100	0.0026
MW-15	06/19/08	0.00850	<0.00100	<0.00100	<0.00100	0.0085
MW-15	08/13/08	0.00350	<0.00100	<0.00100	<0.00100	0.0035
MW-15	12/04/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	02/19/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	06/10/09	0.00680	<0.00100	<0.00100	<0.00100	0.0068
MW-15	08/25/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	12/11/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	02/18/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	06/09/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	03/01/06	0.00691	0.011	0.00574	0.01589	0.03954
MW-16	05/25/06	0.118	0.0248	0.00278	0.00616	0.15174
MW-16	08/14/06	<0.001	<0.001	<0.001	<0.002	<0.002
MW-16	11/29/06	0.00362	<0.001	<0.001	<0.002	0.00362
MW-16	03/29/07	0.0665	0.0132	0.00154	0.00636	0.0876
MW-16	06/13/07	0.0198	0.00494	<0.001	0.00290	0.02764
MW-16	09/14/07	0.0240	0.0032	<0.001	<0.002	0.0272
MW-16	12/03/07	0.2048	0.0040	0.0015	0.0060	0.2163
MW-16	03/12/08	0.165	0.0113	0.00270	0.0174	0.1964
MW-16	06/19/08	0.129	0.00710	0.00220	0.00850	0.1468
MW-16	08/13/08	0.117	<0.00100	<0.00100	0.00440	0.1214
MW-16	12/04/08	0.0147	0.00930	<0.00100	0.0165	0.0405
MW-16	02/19/09	0.00280	<0.00100	<0.00100	<0.00100	0.0028
MW-16	06/10/09	0.0156	<0.00100	<0.00100	<0.00100	0.0156
MW-16	08/25/09	0.147	<0.00100	<0.00100	0.02350	0.1705
MW-16	12/11/09	0.0368	<0.00100	<0.00100	<0.00100	0.0368
MW-16	02/18/10	0.0352	<0.00100	<0.00100	0.00440	0.0396
MW-16	06/09/10	0.0385	<0.00100	<0.00100	0.00340	0.0419



TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene	Total BTEX
MW-17	05/25/06	<0.001	<0.001	<0.001	<0.00300	<0.00300
MW-17	08/14/06	<0.001	<0.001	<0.001	<0.00300	<0.00300
MW-17	11/29/06	<0.001	<0.001	<0.001	<0.00300	<0.00300
MW-17	03/29/07	0.00177	<0.001	<0.001	<0.00300	0.00177
MW-17	06/13/07	<0.001	<0.001	<0.001	<0.00300	<0.00300
MW-17	09/14/07	<0.001	<0.001	<0.001	<0.00300	<0.00300
MW-17	12/03/07	0.0022	<0.002	<0.001	<0.00300	0.0022
MW-17	03/12/08	0.00310	<0.00100	<0.00100	<0.00100	0.0031
MW-17	06/19/08	0.00950	<0.00100	<0.00100	0.00150	0.01100
MW-17	08/13/08	0.00500	<0.00100	<0.00100	<0.00100	0.005
MW-17	12/04/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-17	02/19/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-17	06/10/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-17	08/25/09	0.00790	<0.00100	<0.00100	<0.00100	0.0079
MW-17	12/11/09	0.00790	<0.00100	<0.00100	<0.00100	0.0079
MW-17	02/18/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-17	06/09/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	03/28/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	06/19/08	0.00240	0.00190	<0.00100	0.00450	0.00880
MW-18	08/13/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	12/04/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	02/19/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	06/10/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	08/25/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	12/11/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	02/18/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	06/09/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
NMWQCC Remedial Limits		0.010	0.750	0.750	0.620	NA

¹ **Bolded** values are in excess of the NMWQCC Remediation Thresholds

BTEX analyzed by EPA Method 8021B

*** TX REPORT ***

TX IMAGE SET NOT TO DISPLAY

JOB NO. 1045
ST. TIME 08/13 15:28
PGS. 3
SEND DOCUMENT NAME

TX/RX INCOMPLETE -----
TRANSACTION OK sharris@talonlpe.com shyla harris
ERROR -----

Appendix C

Laboratory Analytical Data Reports and Chain of Custody Documentation



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
E-Mail: lab@traceanalysis.com

Certifications

WBENC: 237019

HUB: 1752439743100-86536
NCTRCA WFWB38444Y0909

DBE: VN 20657

NELAP Certifications

Lubbock: T104704219-08-TX
LELAP-02003
Kansas E-10317

El Paso: T104704221-08-TX
LELAP-02002

Midland: T104704392-08-TX

Analytical and Quality Control Report

Steve Killingsworth
Talon LPE-Midland
2901 State Highway 349
Midland, TX, 79706

Report Date: June 14, 2010

Work Order: 10061013



Project Location: Lovington, NM
Project Number: 700376.099.01

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
234176	MW-6	water	2010-06-09	11:05	2010-06-10
234177	MW-9	water	2010-06-09	11:30	2010-06-10
234178	MW-10	water	2010-06-09	11:31	2010-06-10
234179	MW-11	water	2010-06-09	11:39	2010-06-10
234180	MW-13	water	2010-06-09	11:07	2010-06-10
234181	MW-14	water	2010-06-09	11:12	2010-06-10
234182	MW-15	water	2010-06-09	11:10	2010-06-10
234183	MW-16	water	2010-06-09	11:24	2010-06-10
234184	MW-17	water	2010-06-09	11:23	2010-06-10
234185	MW-18	water	2010-06-09	11:45	2010-06-10

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 12 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.



Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project were received by TraceAnalysis, Inc. on 2010-06-10 and assigned to work order 10061013. Samples for work order 10061013 were received intact without headspace and at a temperature of 3.7 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	60669	2010-06-11 at 08:30	70837	2010-06-11 at 23:57
BTEX	S 8021B	60678	2010-06-12 at 15:00	70842	2010-06-12 at 17:23

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 10061013 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Report Date: June 14, 2010
700376.099.01

Work Order: 10061013

Page Number: 4 of 12
Lovington, NM

Analytical Report

Sample: 234176 - MW-6

Laboratory: Midland
Analysis: BTEX
QC Batch: 70837
Prep Batch: 60669

Analytical Method: S 8021B
Date Analyzed: 2010-06-11
Sample Preparation: 2010-06-11

Prep Method: S 5030B
Analyzed By: AG
Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.0953	mg/L	5	0.00100
Toluene		0.00890	mg/L	5	0.00100
Ethylbenzene		<0.00500	mg/L	5	0.00100
Xylene		<0.00500	mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.453	mg/L	5	0.500	91	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.324	mg/L	5	0.500	65	51.1 - 128

Sample: 234177 - MW-9

Laboratory: Midland
Analysis: BTEX
QC Batch: 70837
Prep Batch: 60669

Analytical Method: S 8021B
Date Analyzed: 2010-06-11
Sample Preparation: 2010-06-11

Prep Method: S 5030B
Analyzed By: AG
Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.0145	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0966	mg/L	1	0.100	97	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.0707	mg/L	1	0.100	71	51.1 - 128

Sample: 234178 - MW-10

Laboratory: Midland
Analysis: BTEX
QC Batch: 70837
Prep Batch: 60669

Analytical Method: S 8021B
Date Analyzed: 2010-06-11
Sample Preparation: 2010-06-11

Prep Method: S 5030B
Analyzed By: AG
Prepared By: AG

Report Date: June 14, 2010
700376.099.01

Work Order: 10061013

Page Number: 5 of 12
Lovington, NM

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.00300	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0901	mg/L	1	0.100	90	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.0679	mg/L	1	0.100	68	51.1 - 128

Sample: 234179 - MW-11

Laboratory: Midland
Analysis: BTEX
QC Batch: 70837
Prep Batch: 60669

Analytical Method: S 8021B
Date Analyzed: 2010-06-11
Sample Preparation: 2010-06-11

Prep Method: S 5030B
Analyzed By: AG
Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0942	mg/L	1	0.100	94	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.0701	mg/L	1	0.100	70	51.1 - 128

Sample: 234180 - MW-13

Laboratory: Midland
Analysis: BTEX
QC Batch: 70837
Prep Batch: 60669

Analytical Method: S 8021B
Date Analyzed: 2010-06-11
Sample Preparation: 2010-06-11

Prep Method: S 5030B
Analyzed By: AG
Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.0320	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		0.00480	mg/L	1	0.00100

Report Date: June 14, 2010
700376.099.01

Work Order: 10061013

Page Number: 6 of 12
Lovington, NM

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0943	mg/L	1	0.100	94	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.0708	mg/L	1	0.100	71	51.1 - 128

Sample: 234181 - MW-14

Laboratory: Midland
Analysis: BTEX
QC Batch: 70837
Prep Batch: 60669

Analytical Method: S 8021B
Date Analyzed: 2010-06-11
Sample Preparation: 2010-06-11

Prep Method: S 5030B
Analyzed By: AG
Prepared By: AG

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0932	mg/L	1	0.100	93	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.0679	mg/L	1	0.100	68	51.1 - 128

Sample: 234182 - MW-15

Laboratory: Midland
Analysis: BTEX
QC Batch: 70842
Prep Batch: 60678

Analytical Method: S 8021B
Date Analyzed: 2010-06-12
Sample Preparation: 2010-06-12

Prep Method: S 5030B
Analyzed By: AG
Prepared By: AG

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0979	mg/L	1	0.100	98	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.0704	mg/L	1	0.100	70	51.1 - 128

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Sample: 234183 - MW-16

Laboratory: Midland
Analysis: BTEX
QC Batch: 70842
Prep Batch: 60678

Analytical Method: S 8021B
Date Analyzed: 2010-06-12
Sample Preparation: 2010-06-12

Prep Method: S 5030B
Analyzed By: AG
Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.0385	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		0.00340	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0954	mg/L	1	0.100	95	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.0695	mg/L	1	0.100	70	51.1 - 128

Sample: 234184 - MW-17

Laboratory: Midland
Analysis: BTEX
QC Batch: 70842
Prep Batch: 60678

Analytical Method: S 8021B
Date Analyzed: 2010-06-12
Sample Preparation: 2010-06-12

Prep Method: S 5030B
Analyzed By: AG
Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0990	mg/L	1	0.100	99	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.0704	mg/L	1	0.100	70	51.1 - 128

Sample: 234185 - MW-18

Laboratory: Midland
Analysis: BTEX
QC Batch: 70842
Prep Batch: 60678

Analytical Method: S 8021B
Date Analyzed: 2010-06-12
Sample Preparation: 2010-06-12

Prep Method: S 5030B
Analyzed By: AG
Prepared By: AG

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Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0965	mg/L	1	0.100	96	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.0707	mg/L	1	0.100	71	51.1 - 128

Method Blank (1) QC Batch: 70837

QC Batch: 70837
Prep Batch: 60669

Date Analyzed: 2010-06-11
QC Preparation: 2010-06-11

Analyzed By: AG
Prepared By: AG

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000600	mg/L	0.001
Toluene		<0.000600	mg/L	0.001
Ethylbenzene		<0.000800	mg/L	0.001
Xylene		<0.000767	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0895	mg/L	1	0.100	90	70.2 - 118
4-Bromofluorobenzene (4-BFB)		0.0641	mg/L	1	0.100	64	47.3 - 116

Method Blank (1) QC Batch: 70842

QC Batch: 70842
Prep Batch: 60678

Date Analyzed: 2010-06-12
QC Preparation: 2010-06-12

Analyzed By: AG
Prepared By: AG

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000600	mg/L	0.001
Toluene		<0.000600	mg/L	0.001
Ethylbenzene		<0.000800	mg/L	0.001
Xylene		<0.000767	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0927	mg/L	1	0.100	93	70.2 - 118
4-Bromofluorobenzene (4-BFB)		0.0678	mg/L	1	0.100	68	47.3 - 116

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Laboratory Control Spike (LCS-1)

QC Batch: 70837
Prep Batch: 60669

Date Analyzed: 2010-06-11
QC Preparation: 2010-06-11

Analyzed By: AG
Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.0940	mg/L	1	0.100	<0.000600	94	82.9 - 108
Toluene	0.0936	mg/L	1	0.100	<0.000600	94	82.7 - 107
Ethylbenzene	0.0904	mg/L	1	0.100	<0.000800	90	78.8 - 106
Xylene	0.272	mg/L	1	0.300	<0.000767	91	79.3 - 106

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.0951	mg/L	1	0.100	<0.000600	95	82.9 - 108	1	20
Toluene	0.0949	mg/L	1	0.100	<0.000600	95	82.7 - 107	1	20
Ethylbenzene	0.0927	mg/L	1	0.100	<0.000800	93	78.8 - 106	2	20
Xylene	0.278	mg/L	1	0.300	<0.000767	93	79.3 - 106	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0865	0.0897	mg/L	1	0.100	86	90	67.3 - 113
4-Bromofluorobenzene (4-BFB)	0.0812	0.0835	mg/L	1	0.100	81	84	68.2 - 124

Laboratory Control Spike (LCS-1)

QC Batch: 70842
Prep Batch: 60678

Date Analyzed: 2010-06-12
QC Preparation: 2010-06-12

Analyzed By: AG
Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.0956	mg/L	1	0.100	<0.000600	96	82.9 - 108
Toluene	0.0958	mg/L	1	0.100	<0.000600	96	82.7 - 107
Ethylbenzene	0.0935	mg/L	1	0.100	<0.000800	94	78.8 - 106
Xylene	0.282	mg/L	1	0.300	<0.000767	94	79.3 - 106

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.0966	mg/L	1	0.100	<0.000600	97	82.9 - 108	1	20
Toluene	0.0964	mg/L	1	0.100	<0.000600	96	82.7 - 107	1	20
Ethylbenzene	0.0944	mg/L	1	0.100	<0.000800	94	78.8 - 106	1	20
Xylene	0.285	mg/L	1	0.300	<0.000767	95	79.3 - 106	1	20

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Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0987	0.0965	mg/L	1	0.100	99	96	67.3 - 113
4-Bromofluorobenzene (4-BFB)	0.0897	0.0879	mg/L	1	0.100	90	88	68.2 - 124

Matrix Spike (MS-1) Spiked Sample: 234176

QC Batch: 70837
Prep Batch: 60669

Date Analyzed: 2010-06-11
QC Preparation: 2010-06-11

Analyzed By: AG
Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.565	mg/L	5	0.500	0.0953	94	77.9 - 114
Toluene	0.468	mg/L	5	0.500	0.0089	92	78.3 - 111
Ethylbenzene	0.445	mg/L	5	0.500	<0.00400	89	75.3 - 110
Xylene	1.34	mg/L	5	1.50	<0.00384	89	75.7 - 109

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.565	mg/L	5	0.500	0.0953	94	77.9 - 114	0	20
Toluene	0.468	mg/L	5	0.500	0.0089	94	78.3 - 111	0	20
Ethylbenzene	0.448	mg/L	5	0.500	<0.00400	88	75.3 - 110	1	20
Xylene	1.35	mg/L	5	1.50	<0.00384	90	75.7 - 109	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.424	0.451	mg/L	5	0.5	85	90	68.3 - 107
4-Bromofluorobenzene (4-BFB)	0.392	0.422	mg/L	5	0.5	78	84	60.1 - 135

Matrix Spike (MS-1) Spiked Sample: 234396

QC Batch: 70842
Prep Batch: 60678

Date Analyzed: 2010-06-12
QC Preparation: 2010-06-12

Analyzed By: AG
Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	4.73	mg/L	20	2.00	2.6847	102	77.9 - 114
Toluene	1.89	mg/L	20	2.00	0.043	92	78.3 - 111
Ethylbenzene	1.86	mg/L	20	2.00	0.0461	91	75.3 - 110
Xylene	5.52	mg/L	20	6.00	<0.0153	92	75.7 - 109

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

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Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	4.88	mg/L	20	2.00	2.6847	110	77.9 - 114	3	20
Toluene	1.94	mg/L	20	2.00	0.043	95	78.3 - 111	3	20
Ethylbenzene	1.92	mg/L	20	2.00	0.0461	94	75.3 - 110	3	20
Xylene	5.68	mg/L	20	6.00	<0.0153	95	75.7 - 109	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.88	1.83	mg/L	20	2	94	92	68.3 - 107
4-Bromofluorobenzene (4-BFB)	1.75	1.69	mg/L	20	2	88	84	60.1 - 135

Standard (CCV-1)

QC Batch: 70837

Date Analyzed: 2010-06-11

Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0953	95	80 - 120	2010-06-11
Toluene		mg/L	0.100	0.0950	95	80 - 120	2010-06-11
Ethylbenzene		mg/L	0.100	0.0922	92	80 - 120	2010-06-11
Xylene		mg/L	0.300	0.278	93	80 - 120	2010-06-11

Standard (CCV-2)

QC Batch: 70837

Date Analyzed: 2010-06-11

Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0939	94	80 - 120	2010-06-11
Toluene		mg/L	0.100	0.0936	94	80 - 120	2010-06-11
Ethylbenzene		mg/L	0.100	0.0910	91	80 - 120	2010-06-11
Xylene		mg/L	0.300	0.274	91	80 - 120	2010-06-11

Standard (CCV-3)

QC Batch: 70837

Date Analyzed: 2010-06-11

Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0952	95	80 - 120	2010-06-11

continued ...

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standard continued ...

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Toluene		mg/L	0.100	0.0952	95	80 - 120	2010-06-11
Ethylbenzene		mg/L	0.100	0.0930	93	80 - 120	2010-06-11
Xylene		mg/L	0.300	0.279	93	80 - 120	2010-06-11

Standard (CCV-1)

QC Batch: 70842

Date Analyzed: 2010-06-12

Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0922	92	80 - 120	2010-06-12
Toluene		mg/L	0.100	0.0919	92	80 - 120	2010-06-12
Ethylbenzene		mg/L	0.100	0.0910	91	80 - 120	2010-06-12
Xylene		mg/L	0.300	0.274	91	80 - 120	2010-06-12

Standard (CCV-2)

QC Batch: 70842

Date Analyzed: 2010-06-12

Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0957	96	80 - 120	2010-06-12
Toluene		mg/L	0.100	0.0955	96	80 - 120	2010-06-12
Ethylbenzene		mg/L	0.100	0.0944	94	80 - 120	2010-06-12
Xylene		mg/L	0.300	0.285	95	80 - 120	2010-06-12

Standard (CCV-3)

QC Batch: 70842

Date Analyzed: 2010-06-12

Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0932	93	80 - 120	2010-06-12
Toluene		mg/L	0.100	0.0928	93	80 - 120	2010-06-12
Ethylbenzene		mg/L	0.100	0.0904	90	80 - 120	2010-06-12
Xylene		mg/L	0.300	0.272	91	80 - 120	2010-06-12

TraceAnalysis, Inc.

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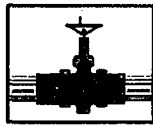
ANALYSIS REQUEST (Circle or Specify Method No.)													
Company Name: 432-522-2133		Phone #:		Address: 2901 Rankin Hwy. Steve Killigsworth		E-mail: SKillingsworth@talonlpe.com		Fax #:					
Contact Person: Jason Henry		Project Name:		Invoice to: TALON LPE		Project #:		Sample Signature:					
Project Location (including state): Lovington, N.M.		Project Name:		Project #:		Project #:		Project #:					
LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX			PRESERVATIVE METHOD			SAMPLING			
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE
23476	MW-6	3	VDA	X									
177	MW-9												
178	MW-10												
179	MW-11												
180	MW-13												
181	MW-14												
182	MW-15												
183	MW-16												
184	MW-17												
185	MW-18												

LAB USE ONLY		REMARKS:	
INST	INST	XALL tests Midland	
OBS	OBS		
COR	COR		

LAB USE ONLY		REMARKS:	
INST	INST	XALL tests Midland	
OBS	OBS		
COR	COR		

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

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PLAINS
PIPELINE, L.P.

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2010 MAY 13 P 1:23

May 11, 2010

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

RE: Plains Pipeline, L.P. C. S. Cayler Release Site
NMOCD Reference # AP-052
Unit Letter B of Section 6, Township 17 South, Range 37 East
Lea County, New Mexico

Dear Mr. Hansen:

Plains Pipeline, L.P. is pleased to submit the attached Quarterly Report, dated February 18, 2010, for the C.S. Cayler release site located in Section 6 of Township 17 South, and Range 37 East of Lea County, New Mexico. This document summarizes the status of recent activities performed during the first quarter of 2010.

Should you have any questions or comments, please contact me at (575) 441-1099.

Sincerely,

Jason Henry
Remediation Coordinator
Plains All American

CC: Larry Johnson, NMOCD, Hobbs Office

Enclosure



May 3, 2010

Mr. Edward Hansen
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

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Re: Plains Pipeline, L.P. C.S. Cayler (Plains SRS #2002-10250)
First Quarter 2010 Summary
NMOCD Reference # AP-052 (Old 1R-0382)
UL-M (NW¼ of the NE¼) of Section 6, T17S, R37E
Latitude: 32° 52' 2.45"N and Longitude: 103° 17' 17.73"W
Landowner: Robert Rice
Lea County, New Mexico

Dear Mr. Hansen:

Talon/LPE (Talon), submits this letter report on behalf of Plains Pipeline, L.P. (Plains) to summarize the first quarter 2010 groundwater monitoring activities.

Remediation Activities

During the first quarter of 2010, six specific gravity skimmers with bladder pumps operated in monitoring wells MW-2 through MW-5, MW-7, and MW-12, and one total fluids pump operated in monitoring well MW-1A. On March 18, 2010, the skimmers were replaced in monitor wells MW-2 and MW-3 by total fluids pumps. The skimmers and total fluids pumps are utilized to recover phase separated hydrocarbons (PSH) and to inhibit migration of the PSH and dissolved-phase plumes. The recovery system is maintained on a weekly basis in order to optimize efficiency and recovery rates.

Attachments to this letter report include a site plan, gradient map, and a PSH thickness isopleth map combined with dissolved-phase distribution in Appendix A. A synopsis of the historical groundwater gauging data and groundwater analytical results are provided in Appendix B and the laboratory analytical report with chain-of-custody are located in Appendix C.

During the first quarter, the system recovered approximately 928.5 barrels of water and 953.2 barrels of water was transferred to Three Forks Apollo salt water disposal facility. Approximately 19 barrels of crude oil was recovered by the system during the first quarter.

Fourth Quarter Groundwater Monitoring Event

The first quarter 2010 groundwater monitoring event was conducted on February 18, 2010. Prior to the event, the PSH recovery system was shut-down and the pumps were pulled in order to allow the potentiometric surface to stabilize. During the groundwater monitoring event, all monitor/recovery wells were measured with an interface probe to determine static water levels and PSH thicknesses if present. Groundwater samples were

collected from monitor wells MW-6, MW-9, MW-10, MW-11, and MW-13 through MW-18. The samples were submitted to the laboratory for quantification of benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA SW-846, Method 8021B. Groundwater samples were not collected from monitor wells MW-1A through MW-5, MW-7 and MW-8 and MW-12 due to the presence of PSH.

Results of the Groundwater Monitoring Event

Data collected from the February 2010 groundwater monitoring event exhibited the following results:

- Benzene concentrations ranged from <0.00100 mg/L to 1.36 mg/L. Benzene concentrations exceeded the New Mexico Water Quality Control Commission (NMWQCC) remediation threshold of 0.010 mg/L in groundwater samples collected from monitor wells MW-6 and MW-16.
- Toluene concentrations ranged from <0.00100 mg/L to 0.0375 mg/L. All toluene concentrations were below the NMWQCC remediation threshold of 0.750 mg/L in groundwater samples collected from monitor wells not impacted with PSH.
- Ethylbenzene concentrations ranged from <0.00100 mg/L to 0.0456 mg/L. All ethylbenzene concentrations were below the NMWQCC remediation threshold of 0.750 mg/L in groundwater samples collected from monitor wells not impacted with PSH.
- Xylene concentrations ranged from <0.00100 mg/L to 0.0773 mg/L. All xylene concentrations were below the NMWQCC remediation threshold of 0.620 mg/L in groundwater samples collected from monitor wells not impacted with PSH.
- Dissolved-phase concentrations remained relatively stable from the fourth quarter 2009 to the first quarter of 2010 except monitor well MW-6 exhibited an increase in benzene concentration of 0.95 mg/L.
- PSH thicknesses remained stable from the fourth quarter 2009 to the first quarter of 2010, except for significant declines of approximately three (3) feet each in monitor wells MW-1A and MW-4.
- Groundwater levels increased by an average of 0.079 feet from the fourth quarter 2009 to the first quarter of 2010.

If you have any questions or require further information, please contact me at (432) 522-2133 or Mr. Jeffery Dann at (713) 646-4657.

Sincerely,

Steven R. Killingsworth, P.G.
Senior Project Manager

Cc: Mr. Jeffery P. Dann, Plains Pipeline, L.P.

Appendices:

Appendix A Figures

Appendix B Tables

Appendix CLaboratory Analytical Report and Chain of Custody Documentation

Appendix A

Figures

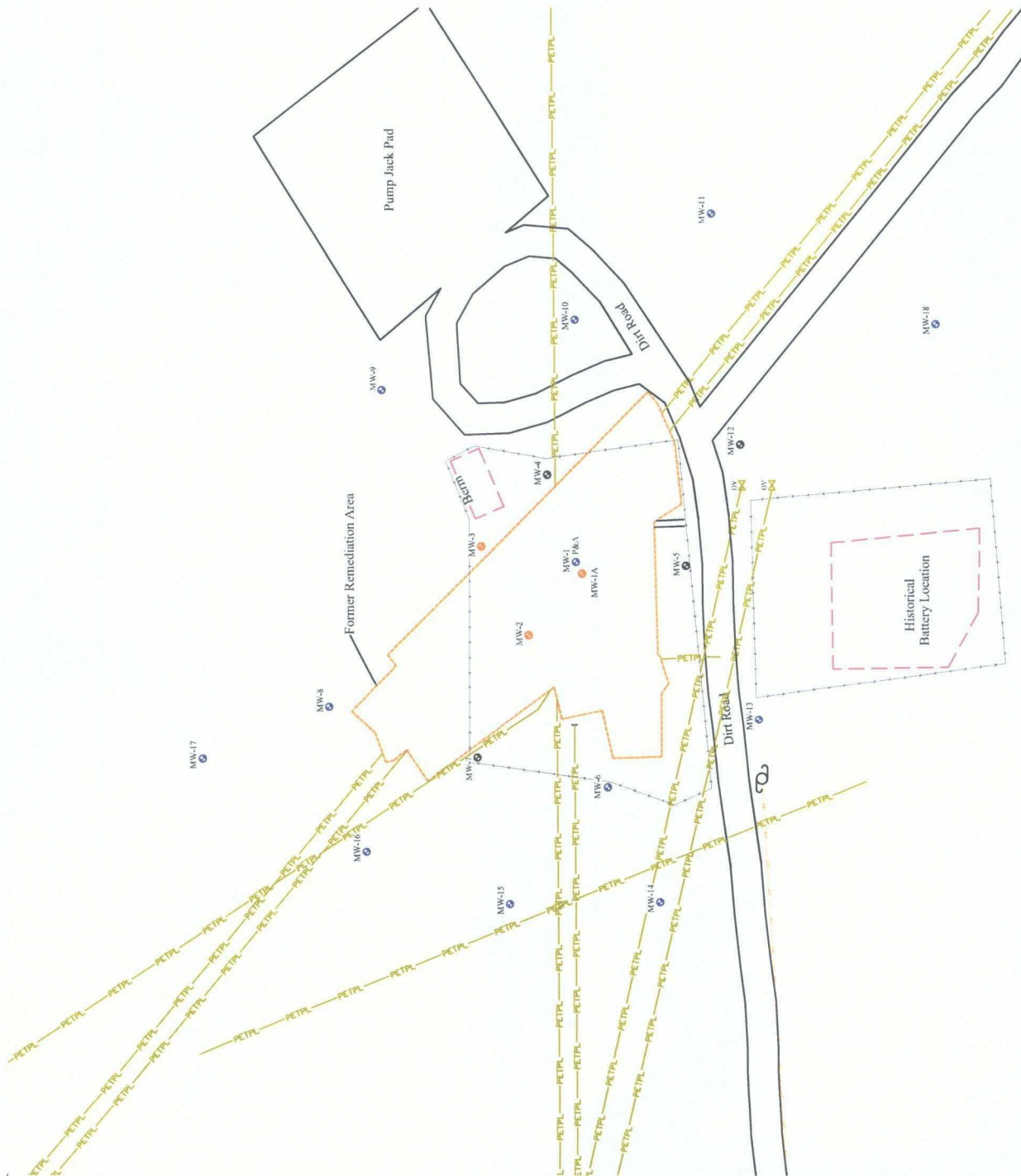
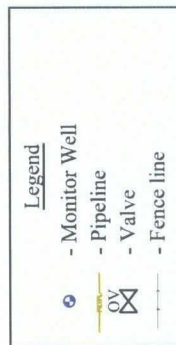
Figure 1 - Site Layout and Monitor Well Location Map

Figure 2 - Groundwater Gradient Map - 02/18/2010

Figure 3 – PSH Distribution and Groundwater Concentration Map – 02/18/2010



0 50 100
Scale in Feet



Talon/LPE #: 700376.049.01



Date: 04/24/2009

Scale: 1" = 100'

Drawn By: SJA

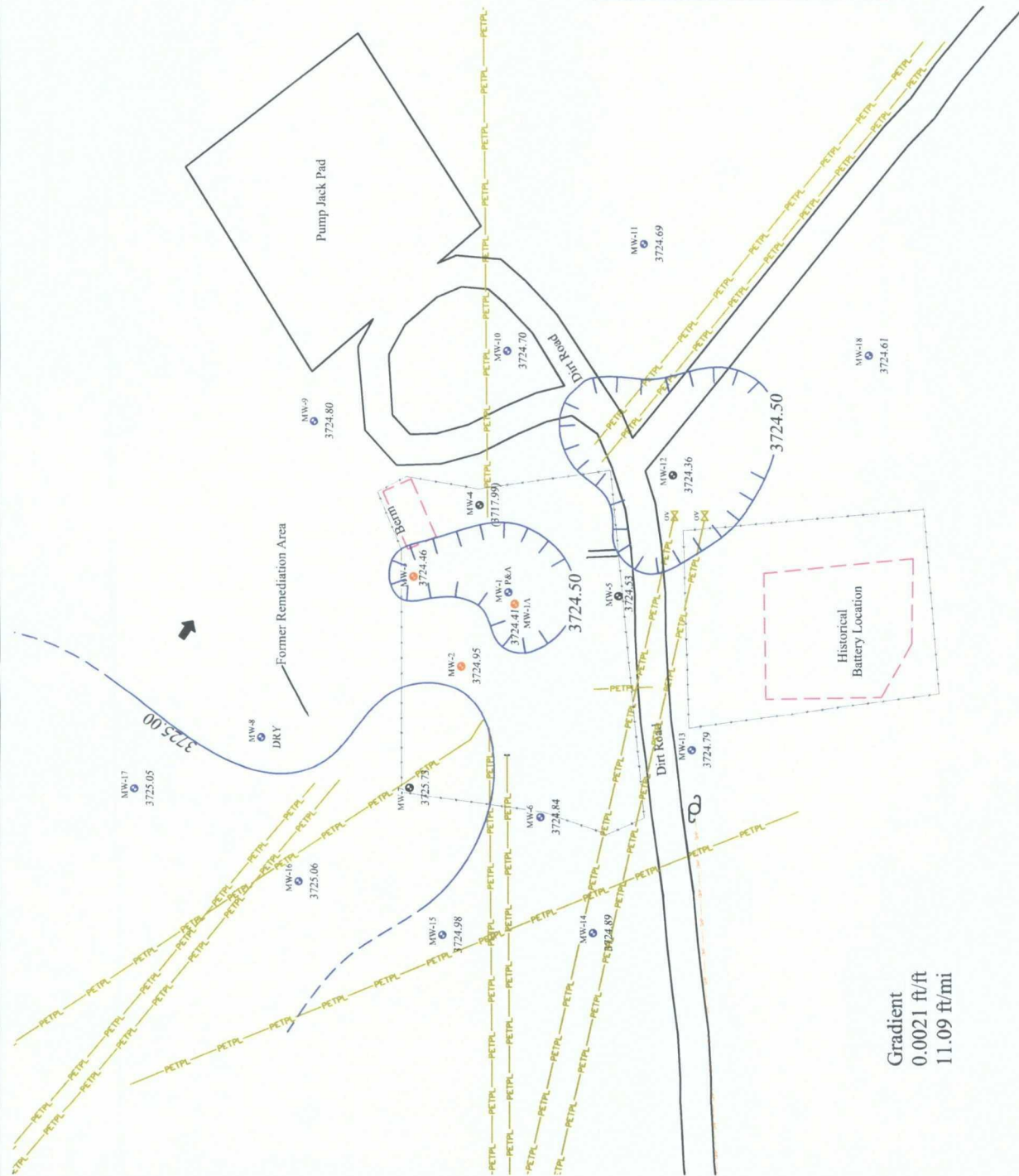
C.S. Cayler
SRS # 2002-10250, NMOCD REF. # AP-052 (OLD 1R-0382)
Lea County, New Mexico
Figure 1 - Site Plan



0 50 100
Scale in Feet

Legend

- Monitor Well
- Monitor Well with Skimmer
- Monitor Well with total fluid pump
- Pipeline
- Valve
- Fence line
- Groundwater Elevation Contour Line
- Groundwater Contour Elevation
- Groundwater Flow Direction
- Anomalous Data Not Used



Gradient
0.0021 ft/ft
11.09 ft/mi

Talon/LPE # : 700376.049.01



Date: 04/13/2010

Scale: 1" = 100'

Drawn By: TJS

C.S. Caylor

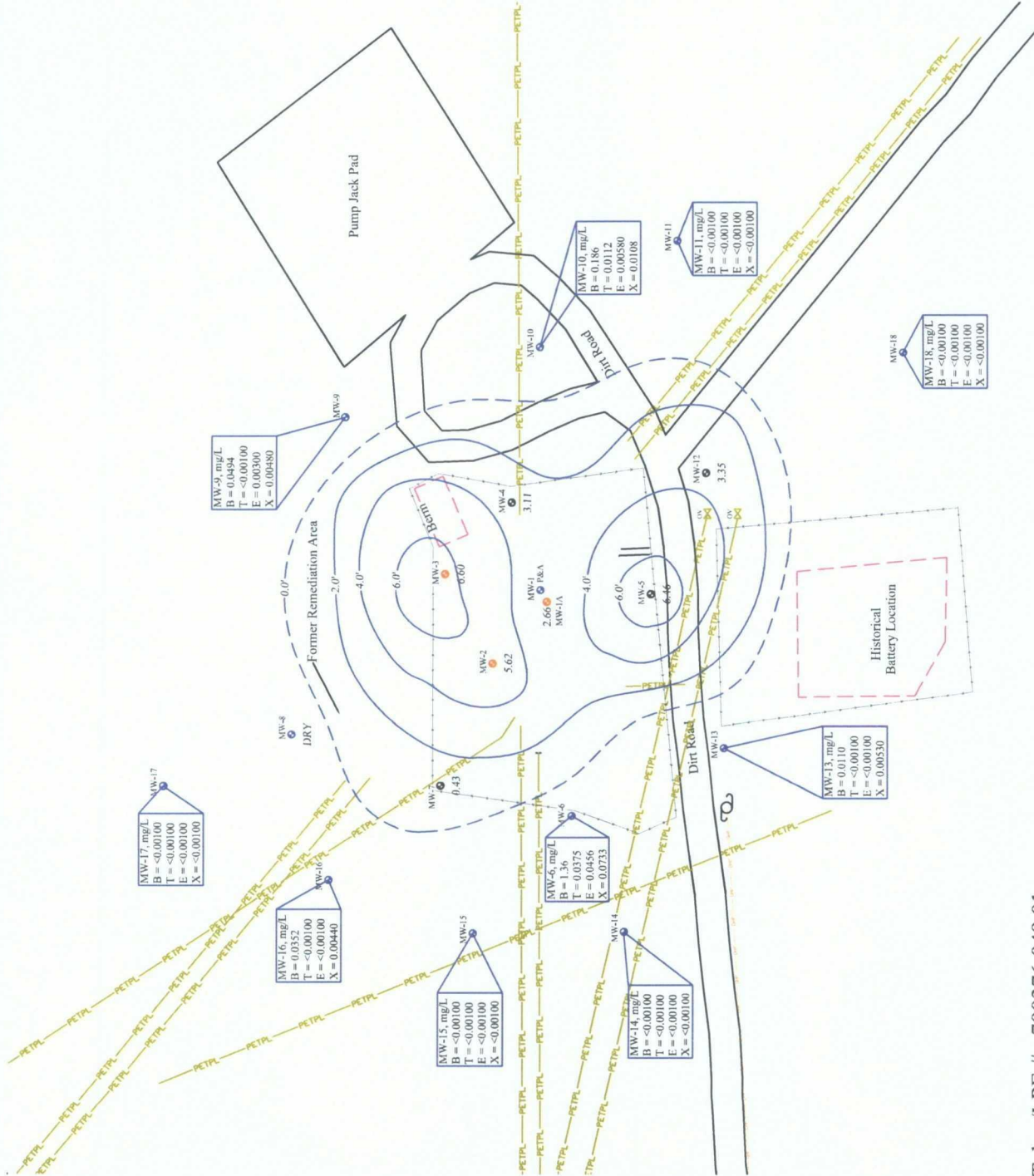
SRS # 2002-10250, NMOCD REF. # AP-052 (OLD 1R-0382)
Lea County, New Mexico

Figure 2a - Groundwater Gradient Map - 02/18/2010



0 50 100
Scale in Feet

- Legend**
- Monitor Well
 - Monitor Well with Skimmer
 - Monitor Well with total fluid pump
 - Pipeline
 - Valve
 - Fence line
 - Contour Line
 - PSH Plume Thickness 2.0'



Talon/LPE # : 700376.049.01



Date: 04/13/2010

Scale: 1" = 100'

Drawn By: TJS

C.S. Cayler

SRS # 2002-10250, NMOCD REF. # AP-052 (OLD IR-0382)

Lea County, New Mexico

Figure 3a - PSH Thickness & Groundwater Concentration Map, (02/18/2010)

Appendix B

Tables

Table 1 - Summary of Historical Fluid Level Measurements

Table 2 - Summary of Groundwater Analytical Results



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-1	10/17/02	WELL INSTALLED 17-Oct-02				
MW-1	03/07/03	3,803.97	72.28	84.20	11.92	3,729.72
MW-1	03/11/03		72.30	84.19	11.89	3,729.71
MW-1	03/17/03		72.33	84.25	11.92	3,729.67
MW-1	03/22/03		72.35	84.24	11.89	3,729.66
MW-1	05/06/03		71.55	83.11	11.56	3,730.51
MW-1	05/07/03		71.58	83.05	11.47	3,730.50
MW-1	05/08/03		71.55	83.03	11.48	3,730.53
MW-1	05/09/03		71.53	83.00	11.47	3,730.55
MW-1	05/15/03		71.57	83.01	11.44	3,730.51
MW-1	05/16/03		71.59	82.90	11.31	3,730.51
MW-1	05/28/03		71.65	82.50	10.85	3,730.53
MW-1	06/11/03		71.75	82.57	10.82	3,730.43
MW-1	08/14/03		63.45	73.41	9.96	3,738.88
MW-1	01/02/04		64.31	73.63	9.32	3,738.12
MW-1	04/12/04		64.74	73.74	9.00	3,737.75
MW-1	06/01/04		64.87	73.52	8.65	3,737.67
MW-1	06/21/04		65.04	73.49	8.45	3,737.54
MW-1	07/14/04		67.52	75.92	8.40	3,735.06
MW-1	10/17/04		68.38	73.28	4.90	3,734.78
MW-1	10/29/04		68.53	73.45	4.92	3,734.63
MW-1	03/31/05		68.23	73.00	4.77	3,734.95
MW-1	04/25/05		68.56	72.68	4.12	3,734.73
MW-1	05/31/05		68.57	72.61	4.04	3,734.73
MW-1	06/29/05		68.88	73.72	4.84	3,734.29
MW-1	09/15/05		69.79	73.63	3.84	3,733.55
MW-1	11/14/05		70.44	73.26	2.82	3,733.06
MW-1	01/23/06		70.72	73.80	3.08	3,732.74
MW-1	03/01/06		70.41	73.59	3.18	3,733.04
MW-1	05/25/06		71.05	73.20	2.15	3,732.57
MW-1	08/14/06		72.46	73.76	1.30	3,731.30

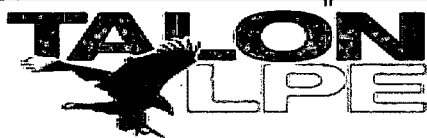


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-1	11/29/06		73.31	73.69	0.38	3,730.60
MW-1	01/11/07		73.31	73.69	0.38	3,730.60
MW-1	02/08/07		73.38	73.73	0.35	3,730.53
MW-1	04/03/07		73.86	82.21	8.35	3,728.73
MW-1	04/11/07		74.06	82.27	8.21	3,728.56
MW-1	04/17/07		74.21	82.63	8.42	3,728.37
MW-1	05/14/07		74.06	82.00	7.94	3,728.60
MW-1	06/26/07		73.80	NA		NA
MW-1	06/28/07		DRY			
MW-1	09/14/07		DRY			
MW-1	09/26/07		DRY			
MW-1	10/05/07		DRY			
MW-1	10/09/07		DRY			
MW-1	10/19/07		DRY			
MW-1	10/24/07		DRY			
MW-1	10/31/07		DRY			
MW-1	11/28/07		DRY			
MW-1	12/03/07		DRY			
MW-1	01/03/08		DRY			
MW-1	01/08/08		DRY			
MW-1	01/14/08		DRY			
MW-1	01/23/08		DRY			
MW-1	01/28/08		DRY			
MW-1	02/11/08		DRY			
MW-1	03/12/08		DRY			
MW-1	03/26/08		DRY			
MW-1	04/01/08		DRY			
MW-1	08/13/08		DRY			
MW-1	09/18/08	WELL PLUGGED 9/18/08				
MW-1A	09/18/08	WELL INSTALLED 9/18/08				
MW-1A	09/23/08	3,810.02	82.40	89.71	7.31	3,726.41

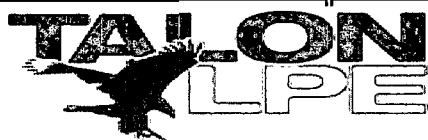


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-1A	12/04/08		82.50	89.55	7.05	3,726.36
MW-1A	01/21/09		82.11	89.61	7.50	3,726.67
MW-1A	02/18/09	3,810.14	82.34	89.70	7.36	3,726.59
MW-1A	04/06/09		82.76	90.26	7.50	3,726.14
MW-1A	06/10/09		83.22	90.54	7.32	3,725.71
MW-1A	08/25/09	Well Not Gauged Due to Total Fluid Pump				
MW-1A	12/10/09		84.68	91.52	6.84	3,724.33
MW-1A	01/08/10		84.65	90.80	6.15	3,724.48
MW-1A	02/18/10		85.29	87.95	2.66	3,724.41
MW-2	05/28/04	WELL INSTALLED 5/28/04				
MW-2	06/01/04	3,803.93	67.17	77.76	10.59	3,735.01
MW-2	06/21/04		67.27	77.93	10.66	3,734.90
MW-2	07/14/04		67.38	78.09	10.71	3,734.78
MW-2	10/16/04		68.79	74.04	5.25	3,734.27
MW-2	10/29/04		67.97	77.70	9.73	3,734.35
MW-2	03/31/05		68.23	78.50	10.27	3,734.01
MW-2	04/25/05		68.37	77.03	8.66	3,734.13
MW-2	05/31/05		68.46	76.97	8.51	3,734.07
MW-2	06/29/05		69.09	76.12	7.03	3,733.68
MW-2	09/15/05		69.75	79.14	9.39	3,732.63
MW-2	11/14/05		70.66	78.44	7.78	3,731.99
MW-2	01/23/06		70.95	78.27	7.32	3,731.77
MW-2	03/01/06		70.53	77.41	6.88	3,732.26
MW-2	05/25/06		72.19	75.49	3.30	3,731.20
MW-2	08/14/06		73.08	78.31	5.23	3,729.99
MW-2	11/29/06		74.09	78.20	4.11	3,729.16
MW-2	12/12/06		74.53	77.57	3.04	3,728.90
MW-2	01/11/07		74.22	78.81	4.59	3,728.95
MW-2	02/08/07		75.11	75.18	0.07	3,728.81
MW-2	04/03/07		73.95	82.11	8.16	3,728.63



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-2	04/11/07		74.02	82.30	8.28	3,728.54
MW-2	04/17/07		74.02	82.41	8.39	3,728.53
MW-2	05/14/07		74.03	82.55	8.52	3,728.49
MW-2	06/26/07		74.20	82.64	8.44	3,728.34
MW-2	06/28/07		74.36	82.48	8.12	3,728.23
MW-2	08/13/07		74.71	81.91	7.20	3,728.03
MW-2	08/17/07		75.66	79.30	3.64	3,727.67
MW-2	08/21/07		NA	76.19		3,727.74
MW-2	08/28/07		75.84	78.91	3.07	3,727.58
MW-2	09/14/07		75.63	79.29	3.66	3,727.70
MW-2	09/26/07		74.88	82.41	7.53	3,727.81
MW-2	10/05/07		74.85	82.70	7.85	3,727.78
MW-2	10/08/07		74.87	82.71	7.84	3,727.77
MW-2	10/19/07		74.87	82.96	8.09	3,727.73
MW-2	10/24/07		74.87	83.04	8.17	3,727.71
MW-2	10/31/07		74.88	83.11	8.23	3,727.69
MW-2	11/12/07		74.82	83.19	8.37	3,727.73
MW-2	11/28/07		74.89	83.27	8.38	3,727.66
MW-2	12/03/07		74.83	83.20	8.37	3,727.72
MW-2	01/03/08		75.32	83.50	8.18	3,727.26
MW-2	01/08/08		74.76	82.25	7.49	3,727.93
MW-2	01/14/08		75.49	83.23	7.74	3,727.16
MW-2	01/23/08		75.45	83.43	7.98	3,727.16
MW-2	01/28/08		75.38	83.47	8.09	3,727.22
MW-2	02/11/08		74.94	83.02	8.08	3,727.66
MW-2	03/12/08		75.40	83.54	8.14	3,727.19
MW-2	03/26/08		75.14	83.99	8.85	3,727.33
MW-2	04/01/08		76.19	83.34	7.15	3,726.56
MW-2	04/11/08		76.73	80.62	3.89	3,726.56
MW-2	04/15/08		76.33	79.08	2.75	3,727.15
MW-2	04/22/08		75.66	79.07	3.41	3,727.71

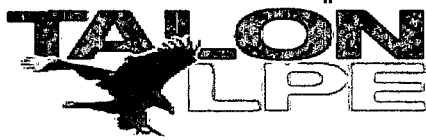


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-2	04/28/08		76.00	83.17	7.17	3,726.75
MW-2	05/06/08		75.68	79.12	3.44	3,727.68
MW-2	05/16/08		75.40	83.02	7.62	3,727.27
MW-2	05/22/08		75.61	82.32	6.71	3,727.21
MW-2	07/25/08		79.90	87.72	7.82	3,722.74
MW-2	08/13/08		80.21	88.82	8.61	3,722.30
MW-2	09/23/08	3,807.67	79.34	85.88	6.54	3,727.25
MW-2	10/15/08			79.89	79.89	3,794.49
MW-2	12/04/08		79.68	84.90	5.22	3,727.13
MW-2	01/21/09		74.92	79.30	4.38	3,732.03
MW-2	02/18/09	3,807.38	79.99	86.26	6.27	3,726.36
MW-2	04/06/09		80.46	86.28	5.82	3,725.96
MW-2	06/10/09		81.05	85.86	4.81	3,725.54
MW-2	08/25/09		82.45	85.30	2.85	3,724.46
MW-2	12/10/09		82.74	86.22	3.48	3,724.07
MW-2	01/08/10		81.79	86.25	4.46	3,724.85
MW-2	02/18/10		81.50	87.12	5.62	3,724.95
WELL INSTALLED 31-May-04						
MW-3	05/31/04					
MW-3	06/21/04	3,810.20	75.51	75.51	0.00	3,734.69
MW-3	07/14/04		74.39	81.31	6.92	3,734.67
MW-3	08/26/04		74.75	84.31	9.56	3,733.87
MW-3	10/16/04		75.53	77.55	2.02	3,734.34
MW-3	10/29/04		75.45	79.00	3.55	3,734.16
MW-3	03/31/05		74.65	83.60	8.95	3,734.07
MW-3	04/25/05		74.81	82.74	7.93	3,734.08
MW-3	05/31/05		75.00	82.16	7.16	3,734.02
MW-3	06/29/05		75.83	80.44	4.61	3,733.61
MW-3	09/15/05		76.09	85.47	9.38	3,732.56
MW-3	11/14/05		77.81	81.11	3.30	3,731.85
MW-3	01/23/06		77.78	81.74	3.96	3,731.77



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-3	03/01/06		77.43	81.49	4.06	3,732.10
MW-3	05/25/06		78.49	81.15	2.66	3,731.27
MW-3	08/14/06		79.51	84.36	4.85	3,729.89
MW-3	01/11/07		80.78	84.05	3.27	3,728.88
MW-3	02/08/07		83.65	83.66	0.01	3,726.55
MW-3	04/03/07		80.25	88.51	8.26	3,728.59
MW-3	04/11/07		80.69	88.97	8.28	3,728.14
MW-3	04/17/07		80.38	88.78	8.40	3,728.43
MW-3	05/14/07		80.43	89.56	9.13	3,728.26
MW-3	06/26/07		81.74	89.12	7.38	3,727.24
MW-3	06/28/07		80.69	89.05	8.36	3,728.13
MW-3	08/13/07		81.08	89.43	8.35	3,727.74
MW-3	08/17/07		82.05	83.50	1.45	3,727.91
MW-3	08/21/07		82.65	82.68	0.03	3,727.55
MW-3	08/28/07		81.51	88.44	6.93	3,727.55
MW-3	09/14/07		81.42	86.89	5.47	3,727.88
MW-3	09/26/07		81.22	88.92	7.70	3,727.71
MW-3	10/05/07		81.14	88.99	7.85	3,727.76
MW-3	10/08/07		81.14	89.00	7.86	3,727.76
MW-3	10/19/07		81.23	89.39	8.16	3,727.62
MW-3	10/24/07		81.24	89.35	8.11	3,727.62
MW-3	10/31/07		81.24	89.47	8.23	3,727.60
MW-3	11/12/07		81.25	89.39	8.14	3,727.61
MW-3	11/28/07		81.26	89.44	8.18	3,727.59
MW-3	12/03/07		81.26	89.36	8.10	3,727.60
MW-3	01/03/08		81.17	89.41	8.24	3,727.67
MW-3	01/08/08		81.11	89.05	7.94	3,727.78
MW-3	01/14/08		81.62	88.39	6.77	3,727.46
MW-3	01/23/08		80.84	87.89	7.05	3,728.20
MW-3	01/28/08		80.31	88.20	7.89	3,728.59
MW-3	02/11/08		81.92	88.49	6.57	3,727.20

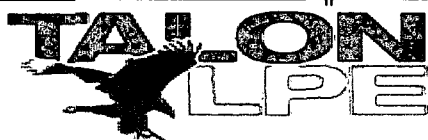


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-3	03/12/08		81.43	87.43	6.00	3,727.78
MW-3	03/26/08		80.57	88.54	7.97	3,728.31
MW-3	04/01/08		82.06	87.81	5.75	3,727.19
MW-3	04/11/08		81.90	87.81	5.91	3,727.32
MW-3	04/15/08		82.04	87.85	5.81	3,727.20
MW-3	04/22/08		82.01	87.90	5.89	3,727.22
MW-3	04/28/08		82.11	87.24	5.13	3,727.24
MW-3	05/06/08		82.00	87.94	5.94	3,727.22
MW-3	05/16/08		82.24	88.07	5.83	3,727.00
MW-3	05/22/08		82.94	89.22	6.28	3,726.22
MW-3	06/19/08		83.09	85.71	2.62	3,726.68
MW-3	07/25/08		83.35	88.33	4.98	3,726.03
MW-3	08/13/08		83.21	89.65	6.44	3,725.93
MW-3	09/23/08	3,810.35	83.28	86.97	3.69	3,726.46
MW-3	10/15/08		84.04	84.22	0.18	3,726.28
MW-3	12/04/08		83.61	85.01	1.40	3,726.51
MW-3	01/21/09		82.68	87.80	5.12	3,726.83
MW-3	02/18/09	3,810.36	84.82	88.49	3.67	3,724.93
MW-3	04/06/09		83.33	89.47	6.14	3,726.02
MW-3	06/10/09		83.58	89.41	5.83	3,725.82
MW-3	08/25/09		84.35	90.90	6.55	3,724.93
MW-3	12/10/09		85.04	92.01	6.97	3,724.17
MW-3	01/08/10		84.83	91.51	6.68	3,724.43
MW-3	02/18/10		84.81	91.41	6.60	3,724.46
MW-4	06/01/04	WELL INSTALLED 01-Jun-04				
MW-4	06/21/04	3,810.70	76.04	76.04		3,734.66
MW-4	07/14/04		74.51	83.91	9.40	3,734.64
MW-4	08/26/04		74.21	83.61	9.40	3,734.94
MW-4	10/16/04		75.77	80.56	4.79	3,734.14
MW-4	10/17/04		75.76	80.96	5.20	3,734.08



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-4	10/29/04		75.56	81.42	5.86	3,734.17
MW-4	03/31/05		73.51	81.95	8.44	3,735.80
MW-4	04/25/05		75.53	82.62	7.09	3,734.00
MW-4	05/31/05		75.55	82.86	7.31	3,733.94
MW-4	06/29/05		75.96	83.51	7.55	3,733.49
MW-4	09/15/05		76.71	86.23	9.52	3,732.42
MW-4	11/14/05		77.64	85.38	7.74	3,731.78
MW-4	01/23/06		77.79	84.93	7.14	3,731.73
MW-4	03/01/06		77.48	84.12	6.64	3,732.12
MW-4	05/25/06		78.28	85.22	6.94	3,731.27
MW-4	08/14/06		79.78	86.67	6.89	3,729.78
MW-4	11/29/06		80.29	85.15	4.86	3,729.61
MW-4	12/12/06		81.71	86.01	4.30	3,728.28
MW-4	01/11/07		80.03	82.77	2.74	3,730.22
MW-4	02/08/07		81.28	82.70	1.42	3,729.19
MW-4	04/03/07		80.78	89.44	8.66	3,728.49
MW-4	04/11/07		80.85	89.55	8.70	3,728.41
MW-4	04/17/07		80.92	89.05	8.13	3,728.44
MW-4	05/14/07		80.96	89.68	8.72	3,728.30
MW-4	06/26/07		81.41	89.82	8.41	3,727.90
MW-4	06/28/07		81.28	89.71	8.43	3,728.03
MW-4	08/13/07		81.76	89.92	8.16	3,727.59
MW-4	08/17/07		80.36	87.55	7.19	3,729.15
MW-4	08/21/07		82.01	89.41	7.40	3,727.47
MW-4	08/28/07		NA	79.50		3,731.20
MW-4	09/14/07		81.76	89.85	8.09	3,727.61
MW-4	09/26/07		81.73	88.89	7.16	3,727.79
MW-4	10/05/07		81.66	89.80	8.14	3,727.70
MW-4	10/08/07		81.65	89.78	8.13	3,727.71
MW-4	10/19/07		81.80	90.05	8.25	3,727.54
MW-4	10/24/07		81.80	89.99	8.19	3,727.55



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-4	10/31/07		81.82	90.07	8.25	3,727.52
MW-4	11/12/07		82.02	89.84	7.82	3,727.39
MW-4	11/28/07		81.93	89.82	7.89	3,727.47
MW-4	12/03/07		81.91	89.72	7.81	3,727.50
MW-4	01/03/08		81.66	89.19	7.53	3,727.80
MW-4	01/08/08		81.70	89.31	7.61	3,727.74
MW-4	01/14/08		81.98	88.87	6.89	3,727.58
MW-4	01/23/08		82.17	87.76	5.59	3,727.61
MW-4	01/28/08		81.77	89.17	7.40	3,727.71
MW-4	02/11/08		81.29	88.75	7.46	3,728.18
MW-4	03/12/08		81.86	88.79	6.93	3,727.70
MW-4	03/26/08		82.67	86.36	3.69	3,727.42
MW-4	04/01/08		82.56	88.83	6.27	3,727.11
MW-4	04/11/08		82.49	88.94	6.45	3,727.15
MW-4	04/15/08		82.31	89.90	7.59	3,727.14
MW-4	04/22/08		82.36	89.26	6.90	3,727.20
MW-4	05/06/08		83.98	90.27	6.29	3,725.68
MW-4	05/16/08		82.89	90.01	7.12	3,726.64
MW-4	05/22/08		82.39	90.19	7.80	3,727.02
MW-4	06/19/08		82.78	90.45	7.67	3,726.65
MW-4	07/25/08		83.71	91.11	7.40	3,725.77
MW-4	08/13/08		83.60	91.07	7.47	3,725.87
MW-4	09/23/08	3,810.82	83.36	90.47	7.11	3,726.29
MW-4	10/15/08		83.78	88.43	4.65	3,726.27
MW-4	12/04/08		83.32	89.40	6.08	3,726.50
MW-4	01/21/09		82.79	90.31	7.52	3,726.79
MW-4	02/18/09	3,810.81	83.05	90.35	7.30	3,726.56
MW-4	04/06/09		84.24	91.58	7.34	3,725.36
MW-4	06/10/09		83.88	91.42	7.54	3,725.69
MW-4	08/25/09		84.90	92.00	7.10	3,724.74
MW-4	12/10/09		85.30	92.34	7.04	3,724.35

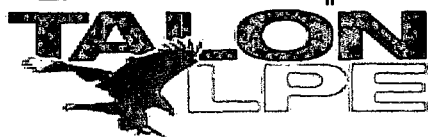


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-4	01/08/10		85.47	92.15	6.68	3,724.24
MW-4	02/18/10		92.31	95.42	3.11	3,717.99
MW-5	06/05/04		WELL INSTALLED 05-Jun-04			
MW-5	06/21/04	3,809.05	--	74.42		3,734.63
MW-5	07/14/04		--	74.53		3,734.52
MW-5	10/29/04		--	75.00		3,734.05
MW-5	11/19/04		--	75.10		3,733.95
MW-5	03/31/05		--	75.18		3,733.87
MW-5	04/25/05		--	75.19		3,733.86
MW-5	05/12/05		--	75.22		3,733.83
MW-5	05/31/05		--	75.25		3,733.80
MW-5	06/29/05		--	75.67		3,733.38
MW-5	08/22/05		--	76.64		3,732.41
MW-5	09/15/05		--	76.75		3,732.30
MW-5	11/14/05		--	77.39		3,731.66
MW-5	01/23/06		77.21	79.19	1.98	3,732.48
MW-5	03/01/06		76.59	79.18	2.59	3,733.00
MW-5	05/25/06		77.41	79.93	2.52	3,732.19
MW-5	08/14/06		78.99	80.63	1.64	3,730.76
MW-5	11/29/06		78.91	85.95	7.04	3,729.95
MW-5	01/11/07		78.85	86.30	7.45	3,729.94
MW-5	02/08/07		78.82	86.29	7.47	3,729.97
MW-5	02/20/07		79.22	85.66	6.44	3,729.74
MW-5	03/06/07		79.15	86.07	6.92	3,729.73
MW-5	03/14/07		78.68	85.60	6.92	3,730.20
MW-5	03/27/07		79.64	86.03	6.39	3,729.33
MW-5	03/29/07		79.36	86.25	6.89	3,729.52
MW-5	04/03/07		79.38	86.71	7.33	3,729.43
MW-5	04/11/07		79.91	87.02	7.11	3,728.94
MW-5	04/17/07		79.52	88.90	9.38	3,728.95



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-5	05/24/07		79.54	86.90	7.36	3,729.27
MW-5	06/26/07		79.94	87.32	7.38	3,728.86
MW-5	06/28/07		79.84	87.25	7.41	3,728.96
MW-5	08/13/07		80.26	81.66	1.40	3,729.53
MW-5	08/21/07		80.39	87.63	7.24	3,728.44
MW-5	08/28/07		80.49	87.64	7.15	3,728.35
MW-5	09/14/07		80.32	87.59	7.27	3,728.50
MW-5	09/26/07		81.72	87.66	5.94	3,727.32
MW-5	10/05/07		80.22	87.51	7.29	3,728.60
MW-5	10/08/07		80.20	87.52	7.32	3,728.61
MW-5	10/19/07		80.44	87.66	7.22	3,728.39
MW-5	10/24/07		80.36	87.73	7.37	3,728.44
MW-5	10/31/07		80.37	87.85	7.48	3,728.42
MW-5	11/12/07		80.36	87.51	7.15	3,728.48
MW-5	12/28/07		80.83	87.61	6.78	3,728.07
MW-5	12/03/07		80.34	87.35	7.01	3,728.52
MW-5	01/03/08		80.17	86.72	6.55	3,728.77
MW-5	01/08/08		80.17	86.85	6.68	3,728.75
MW-5	01/14/08		80.32	86.74	6.42	3,728.64
MW-5	01/23/08		82.34	85.78	3.44	3,727.11
MW-5	01/28/08		80.25	87.03	6.78	3,728.65
MW-5	02/11/08		80.26	86.34	6.08	3,728.76
MW-5	03/12/08		80.28	86.93	6.65	3,728.64
MW-5	03/26/08		81.23	84.33	3.10	3,728.28
MW-5	04/01/08		81.38	84.40	3.02	3,728.14
MW-5	04/11/08		81.79	83.35	1.56	3,727.97
MW-5	04/15/08		81.77	83.38	1.61	3,727.98
MW-5	04/22/08		81.50	82.54	1.04	3,728.35
MW-5	04/28/08		81.87	82.13	0.26	3,728.11
MW-5	05/06/08		81.51	82.56	1.05	3,728.34
MW-5	05/16/08		82.15	82.56	0.41	3,727.80



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-5	05/22/08		81.92	83.49	1.57	3,727.84
MW-5	06/19/08		81.24	88.59	7.35	3,727.57
MW-5	07/25/08		81.76	88.92	7.16	3,727.08
MW-5	08/13/08		82.07	89.27	7.20	3,726.76
MW-5	09/23/08	3,809.21	82.61	83.73	1.12	3,726.42
MW-5	10/15/08		82.98	83.20	0.22	3,726.19
MW-5	12/04/08		82.77	83.31	0.54	3,726.35
MW-5	01/21/09		81.48	87.40	5.92	3,726.75
MW-5	02/18/09	3,809.29	81.90	86.67	4.77	3,726.60
MW-5	04/06/09		82.40	86.98	4.58	3,726.13
MW-5	06/10/09		83.41	84.72	1.31	3,725.66
MW-5	08/25/09		84.03	87.40	3.37	3,724.70
MW-5	12/10/09		83.75	90.78	7.03	3,724.38
MW-5	01/08/10		83.69	90.13	6.44	3,724.54
MW-5	02/18/10		83.69	90.15	6.46	3,724.53
MW-6	10/21/04	WELL INSTALLED 21-Oct-04				
MW-6	10/27/04	3,809.17		75.13		3,734.04
MW-6	10/29/04			75.13		3,734.04
MW-6	11/19/04			75.23		3,733.94
MW-6	03/31/05			75.33		3,733.84
MW-6	04/25/05			75.27		3,733.90
MW-6	05/12/05			75.30		3,733.87
MW-6	05/31/05			75.33		3,733.84
MW-6	06/29/05			75.68		3,733.49
MW-6	08/22/05			76.63		3,732.54
MW-6	09/15/05			76.80		3,732.37
MW-6	11/14/05			77.41		3,731.76
MW-6	01/23/06			77.60		3,731.57
MW-6	03/01/06			77.01		3,732.16
MW-6	05/25/06			77.92		3,731.25

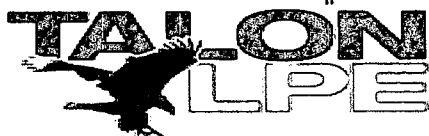


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-6	08/14/06			79.18		3,729.99
MW-6	11/29/06			80.12		3,729.05
MW-6	12/12/06			80.19		3,728.98
MW-6	01/11/07			80.20		3,728.97
MW-6	02/08/07			79.99		3,729.18
MW-6	02/20/07			80.36		3,728.81
MW-6	03/06/07			80.40		3,728.77
MW-6	03/14/07			79.92		3,729.25
MW-6	03/27/07			80.62		3,728.55
MW-6	03/29/07			80.34		3,728.83
MW-6	04/03/07			80.68		3,728.49
MW-6	04/11/07			81.03		3,728.14
MW-6	04/17/07			80.82		3,728.35
MW-6	06/13/07			80.88		3,728.29
MW-6	06/26/07			81.04		3,728.13
MW-6	09/14/07			81.62		3,727.55
MW-6	10/19/07			81.64		3,727.53
MW-6	12/03/07			81.56		3,727.61
MW-6	01/08/08			81.78		3,727.39
MW-6	01/28/08			81.39		3,727.78
MW-6	03/12/08			81.39		3,727.78
MW-6	04/22/08			84.48		3,724.69
MW-6	06/19/08			82.10		3,727.07
MW-6	08/13/08			82.67		3,726.50
MW-6	10/15/08			82.99		3,726.18
MW-6	12/04/08			82.88		3,726.29
MW-6	01/21/09			82.59		3,726.58
MW-6	02/18/09	3,809.33		82.78		3,726.55
MW-6	04/06/09			83.17		3,726.16
MW-6	06/10/09			83.64		3,725.69
MW-6	08/25/09			84.51		3,724.82

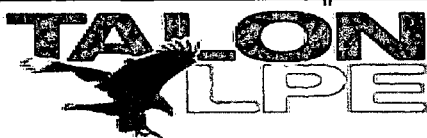


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-6	12/10/09			84.77		3,724.56
MW-6	01/08/10			84.59		3,724.74
MW-6	02/18/10			84.49		3,724.84
MW-7	10/21/04	WELL INSTALLED 21-Oct-04				
MW-7	10/27/04	3,809.95	75.82	76.05	0.23	3,734.09
MW-7	10/29/04		75.82	76.05	0.23	3,734.09
MW-7	11/19/04		75.21	79.14	3.93	3,734.09
MW-7	03/31/05		75.22	79.18	3.96	3,734.08
MW-7	04/25/05		74.37	82.84	8.47	3,734.18
MW-7	05/31/05		75.41	78.75	3.34	3,733.99
MW-7	06/29/05		74.86	83.31	8.45	3,733.70
MW-7	09/15/05		75.92	83.58	7.66	3,732.77
MW-7	11/14/05		76.75	83.17	6.42	3,732.14
MW-7	01/23/06		77.16	83.54	6.38	3,731.74
MW-7	03/01/06		76.71	82.60	5.89	3,732.27
MW-7	05/25/06		77.71	79.37	1.66	3,731.97
MW-7	08/14/06		78.61	83.34	4.73	3,730.56
MW-7	11/29/06		79.51	83.15	3.64	3,729.84
MW-7	12/12/06		79.95	83.00	3.05	3,729.50
MW-7	01/11/07		79.77	84.41	4.64	3,729.41
MW-7	02/08/07		79.63	84.15	4.52	3,729.57
MW-7	04/03/07		80.09	84.18	4.09	3,729.19
MW-7	04/11/07		80.73	84.91	4.18	3,728.53
MW-7	04/17/07		80.74	84.96	4.22	3,728.51
MW-7	05/14/07		80.30	84.42	4.12	3,728.97
MW-7	06/26/07		80.70	82.68	1.98	3,728.92
MW-7	06/28/07		80.52	83.66	3.14	3,728.91
MW-7	08/13/07		81.22	83.66	2.44	3,728.33
MW-7	08/21/07		81.37	83.44	2.07	3,728.24
MW-7	09/14/07		81.01	84.25	3.24	3,728.41



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-7	09/26/07		80.97	84.30	3.33	3,728.43
MW-7	10/05/07		80.92	84.33	3.41	3,728.47
MW-7	10/08/07		80.92	84.32	3.40	3,728.47
MW-7	10/19/07		81.04	84.30	3.26	3,728.37
MW-7	10/24/07		81.05	84.30	3.25	3,728.36
MW-7	10/31/07		81.08	84.34	3.26	3,728.33
MW-7	11/12/07		81.02	84.35	3.33	3,728.45
MW-7	11/28/07		80.89	NA		
MW-7	12/03/07		80.98	NA		
MW-7	01/03/08		79.83	NA		
MW-7	01/08/08		80.92	84.40*		
MW-7	01/14/08		81.34	84.37*		
MW-7	03/12/08		81.20	84.39*		
MW-7	03/26/08		81.54	84.45*		
MW-7	04/11/07		81.40	84.49	3.09	3,728.04
MW-7	04/15/07		82.67	83.16	0.49	3,727.20
MW-7	04/22/07		82.66	82.81	0.15	3,727.27
MW-7	04/28/07		82.75	83.14	0.39	3,727.14
MW-7	05/06/07		82.39	83.29	0.90	3,727.41
MW-7	05/16/07		83.03	83.26	0.23	3,726.88
MW-7	05/22/08		81.76	83.84	2.08	3,727.85
MW-7	06/19/08		81.91	84.64	2.73	3,727.59
MW-7	07/25/08		82.67	84.87	2.20	3,726.92
MW-7	08/13/08		82.76	84.95*		
MW-7	09/23/08		82.54	84.29*		
MW-7	10/15/08		83.48	84.29	0.81	3,726.34
MW-7	12/04/08		82.77	84.29	1.52	3,726.93
MW-7	01/21/09		82.59	84.27	1.68	3,727.08
MW-7	02/18/09	3,810.08	82.41	84.29	1.88	3,727.36
MW-7	04/06/09		82.92	84.29	1.37	3,726.93
MW-7	06/10/09		83.00	*84.15		



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-7	08/25/09		83.83	86.70	2.87	3,725.78
MW-7	12/10/09		84.53	84.58	0.05	3,725.54
MW-7	01/08/10		84.25	84.60	0.35	3,725.77
MW-7	02/18/10		84.28	84.71	0.43	3,725.73
MW-8	10/20/04	WELL INSTALLED 20-Oct-04				
MW-8	10/27/04	3,810.29	--	76.20		3,734.09
MW-8	10/29/04		--	76.20		3,734.09
MW-8	11/19/04		--	76.26		3,734.03
MW-8	03/31/05		--	76.30		3,733.99
MW-8	04/25/05		--	76.29		3,734.00
MW-8	05/12/05		--	76.32		3,733.97
MW-8	05/31/05		--	76.34		3,733.95
MW-8	06/29/05		--	76.62		3,733.67
MW-8	08/22/05		77.42	78.08	0.66	3,732.76
MW-8	11/14/05		78.16	79.40	1.24	3,731.93
MW-8	01/23/06		78.25	80.13	1.88	3,731.73
MW-8	03/01/06		77.60	80.55	2.95	3,732.20
MW-8	05/25/06		78.43	81.31	2.88	3,731.38
MW-8	08/14/06		79.63	82.84	3.21	3,730.13
MW-8	11/29/06		80.50	83.79	3.29	3,729.25
MW-8	12/12/06		80.59	83.90	3.31	3,729.15
MW-8	01/11/07		80.63	83.88	3.25	3,729.12
MW-8	02/08/07		80.66	83.94	3.28	3,729.09
MW-8	02/20/07		80.81	84.07	3.26	3,728.94
MW-8	03/06/07		80.88	84.11	3.23	3,728.88
MW-8	03/14/07		80.09	83.26	3.17	3,729.68
MW-8	03/27/07		80.13	83.24	3.11	3,729.65
MW-8	04/03/07		81.10	83.04	1.94	3,728.87
MW-8	04/11/07		81.59	83.49	1.90	3,728.39
MW-8	04/17/07		81.61	83.51	1.90	3,728.37



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-8	05/24/07		81.33	NA		
MW-8	06/26/07		81.62	NA		
MW-8	06/28/07		81.52	NA		
MW-8	08/13/07		81.86	NA		
MW-8	08/21/07		81.96	NA		
MW-8	08/28/07		82.02	NA		
MW-8	09/14/07		82.35	82.36	0.01	3,727.94
MW-8	09/26/07		81.99	83.03	1.04	3,728.13
MW-8	10/05/07		81.97	84.33	2.36	3,727.93
MW-8	10/08/07		81.96	83.63	1.67	3,728.05
MW-8	10/19/07		82.04	82.41	0.37	3,728.19
MW-8	11/12/07		82.04	82.43	0.39	3,728.19
MW-8	11/28/07		82.04	NA		
MW-8	12/03/07		82.11	NA		
MW-8	01/03/08		81.84	NA		
MW-8	01/08/08		81.85	82.56	0.71	
MW-8	01/14/08		82.13	83.33	1.20	3,727.96
MW-8	01/23/08		82.12	83.09	0.97	3,728.01
MW-8	01/28/08		82.04	83.30	1.26	3,728.04
MW-8	02/11/08		81.97	83.34	1.37	3,728.09
MW-8	03/12/08		81.93	83.34	1.41	3,728.13
MW-8	04/01/08		81.95	83.34	1.39	3,728.11
MW-8	04/11/08		82.37	83.94	1.57	3,727.66
MW-8	04/15/08		82.36	83.45	1.09	3,727.75
MW-8	04/22/08		82.33	83.48	1.15	3,727.77
MW-8	04/28/08		82.32	83.46	1.14	3,727.78
MW-8	05/06/08		82.67	82.82	0.15	3,727.60
MW-8	05/16/08		82.47	83.46	0.99	3,727.66
MW-8	06/19/08		82.61	NA		
MW-8	08/13/08		83.32	84.96*		
MW-8	09/23/08		82.89	83.29*		

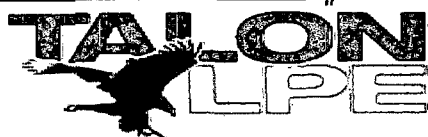


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-8	10/15/08			DRY		
MW-8	12/04/08		82.95	83.21*		
MW-8	01/21/09		82.66	83.21*		
MW-8	02/18/09	3,810.41	82.76	83.28	0.52	3,727.56
MW-8	04/06/09		83.09	83.25	0.16	3,727.29
MW-8	06/10/09			DRY		
MW-8	08/25/09			DRY		
MW-8	12/10/09			DRY		
MW-8	01/08/10			DRY		
MW-8	02/18/10			DRY		
MW-9	10/19/04	WELL INSTALLED 19-Oct-04				
MW-9	10/27/04	3,809.81		75.85		3,733.96
MW-9	10/29/04			75.85		3,733.96
MW-9	11/19/04			75.91		3,733.90
MW-9	03/31/05			76.97		3,732.84
MW-9	04/25/05			75.91		3,733.90
MW-9	05/12/05			75.96		3,733.85
MW-9	05/31/05			75.99		3,733.82
MW-9	06/29/05			76.34		3,733.47
MW-9	08/22/05			77.31		3,732.50
MW-9	09/15/05			77.48		3,732.33
MW-9	11/14/05			78.15		3,731.66
MW-9	01/23/06			78.33		3,731.48
MW-9	03/01/06			77.78		3,732.03
MW-9	05/25/06			78.67		3,731.14
MW-9	08/14/06			79.90		3,729.91
MW-9	11/29/06			80.87		3,728.94
MW-9	12/12/06			80.93		3,728.88
MW-9	01/11/07			90.94		3,718.87
MW-9	02/08/07			80.70		3,729.11

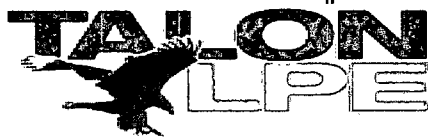


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-9	02/20/07			81.09		3,728.72
MW-9	03/06/07			81.15		3,728.66
MW-9	03/14/07			80.65		3,729.16
MW-9	03/27/07			81.34		3,728.47
MW-9	03/29/07			81.11		3,728.70
MW-9	04/03/07			81.12		3,728.69
MW-9	04/11/07			81.50		3,728.31
MW-9	04/17/07			81.60		3,728.21
MW-9	05/21/07			81.61		3,728.20
MW-9	06/13/07			81.65		3,728.16
MW-9	06/26/07			81.78		3,728.03
MW-9	09/14/07			82.33		3,727.48
MW-9	10/19/07			82.37		3,727.44
MW-9	12/03/07			82.30		3,727.51
MW-9	01/08/08			82.10		3,727.71
MW-9	01/28/08			82.12		3,727.69
MW-9	03/12/08			82.11		3,727.70
MW-9	04/22/08			82.54		3,727.27
MW-9	05/16/08			82.66		3,727.15
MW-9	06/19/08			82.87		3,726.94
MW-9	08/13/08			83.41		3,726.40
MW-9	10/15/08			83.72		3,726.09
MW-9	12/04/08			83.59		3,726.22
MW-9	01/21/09			83.29		3,726.52
MW-9	02/18/09	3,809.98		86.94		3,723.04
MW-9	04/06/09			83.88		3,726.10
MW-9	06/10/09			85.35		3,724.63
MW-9	08/25/09			85.25		3,724.73
MW-9	12/10/09			85.47		3,724.51
MW-9	01/08/10			85.27		3,724.71
MW-9	02/18/10			85.18		3,724.80

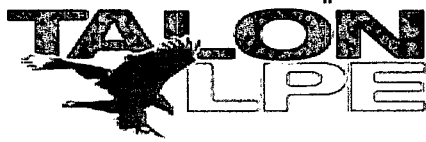


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-10	10/20/04	WELL INSTALLED 20-Oct-04				
MW-10	10/27/04	3,809.64		75.76		3,733.88
MW-10	10/29/04			75.76		3,733.88
MW-10	11/19/04			75.84		3,733.80
MW-10	03/31/05			75.87		3,733.77
MW-10	04/25/05			75.85		3,733.79
MW-10	05/12/05			75.96		3,733.68
MW-10	05/31/05			75.91		3,733.73
MW-10	06/29/05			76.30		3,733.34
MW-10	08/22/05			77.32		3,732.32
MW-10	09/15/05			77.46		3,732.18
MW-10	11/14/05			78.08		3,731.56
MW-10	01/23/06			78.22		3,731.42
MW-10	03/01/06			77.58		3,732.06
MW-10	05/25/06			78.66		3,730.98
MW-10	08/14/06			79.96		3,729.68
MW-10	11/29/06			80.84		3,728.80
MW-10	12/12/06			80.91		3,728.73
MW-10	01/11/07			80.84		3,728.80
MW-10	02/08/07			80.59		3,729.05
MW-10	02/20/07			81.00		3,728.64
MW-10	03/06/07			81.08		3,728.56
MW-10	03/14/07			80.52		3,729.12
MW-10	03/27/07			81.33		3,728.31
MW-10	03/29/07			81.07		3,728.57
MW-10	04/03/07			81.37		3,728.27
MW-10	04/11/07			81.46		3,728.18
MW-10	04/17/07			81.53		3,728.11
MW-10	05/24/07			81.54		3,728.10
MW-10	06/13/07			81.59		3,728.05



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCDF REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-10	06/26/07			81.78		3,727.86
MW-10	09/14/07			82.30		3,727.34
MW-10	10/19/07			82.33		3,727.31
MW-10	12/03/07			85.26		3,724.38
MW-10	01/08/08			82.01		3,727.63
MW-10	01/28/08			82.02		3,727.62
MW-10	03/12/08			82.04		3,727.60
MW-10	04/22/08			82.51		3,727.13
MW-10	05/16/08			82.64		3,727.00
MW-10	06/19/08			82.88		3,726.76
MW-10	08/13/08			83.42		3,726.22
MW-10	10/15/08			83.73		3,725.91
MW-10	12/04/08			83.51		3,726.13
MW-10	01/21/09			83.19		3,726.45
MW-10	02/18/09	3809.79		86.72		3,723.07
MW-10	04/06/09			83.87		3,725.92
MW-10	06/10/09			84.23		3,725.56
MW-10	08/25/09			85.29		3,724.50
MW-10	12/10/09			85.42		3,724.37
MW-10	01/08/10			85.20		3,724.59
MW-10	02/18/10			85.09		3,724.70
WELL INSTALLED 2/21/06						
MW-11	02/21/06					
MW-11	03/01/06	3,808.95		76.95		3,732.00
MW-11	05/25/06			78.06		3,730.89
MW-11	08/14/06			79.57		3,729.38
MW-11	11/29/06			80.26		3,728.69
MW-11	12/12/06			80.27		3,728.68
MW-11	01/11/07			80.19		3,728.76
MW-11	02/08/07			79.91		3,729.04
MW-11	02/20/07			80.35		3,728.60



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-11	03/06/07			80.42		3,728.53
MW-11	03/14/07			80.01		3,728.94
MW-11	03/27/09			80.43		3,728.52
MW-11	03/29/09			80.46		3,728.49
MW-11	04/03/07			80.96		3,727.99
MW-11	04/11/07			80.86		3,728.09
MW-11	04/17/07			80.94		3,728.01
MW-11	05/24/07			80.89		3,728.06
MW-11	06/13/07			81.08		3,727.87
MW-11	06/26/07			81.19		3,727.76
MW-11	09/14/07			81.68		3,727.27
MW-11	10/19/07			81.76		3,727.19
MW-11	12/03/07			81.60		3,727.35
MW-11	01/08/08			81.35		3,727.60
MW-11	01/28/08			81.36		3,727.59
MW-11	03/12/08			81.43		3,727.52
MW-11	04/22/08			81.91		3,727.04
MW-11	05/16/08			82.07		3,726.88
MW-11	06/19/08			82.31		3,726.64
MW-11	08/13/08			82.88		3,726.07
MW-11	10/15/08			83.15		3,725.80
MW-11	12/04/08			82.88		3,726.07
MW-11	01/21/09			82.53		3,726.42
MW-11	02/18/09	3,809.12		82.77		3,726.35
MW-11	04/06/09			83.28		3,725.84
MW-11	06/10/09			83.76		3,725.36
MW-11	08/25/09			84.81		3,724.31
MW-11	12/10/09			84.08		3,725.04
MW-11	01/08/10			84.55		3,724.57
MW-11	02/18/10			84.43		3,724.69



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-12	02/23/06	WELL INSTALLED 2/23/06				
MW-12	03/01/06	3,809.63		77.60		3,732.03
MW-12	05/25/06			78.68		3,730.95
MW-12	08/14/06			79.99		3,729.64
MW-12	11/29/06			80.86		3,728.77
MW-12	12/12/06			80.90		3,728.73
MW-12	01/11/07			80.81		3,728.82
MW-12	02/08/07			80.55		3,729.08
MW-12	02/20/07			80.96		3,728.67
MW-12	03/06/07			81.04		3,728.59
MW-12	03/14/07			81.15		3,728.48
MW-12	03/27/07			81.31		3,728.32
MW-12	03/29/07			81.15		3,728.48
MW-12	04/03/07			81.35		3,728.28
MW-12	04/11/07			81.87		3,727.76
MW-12	04/17/07			81.50		3,728.13
MW-12	05/24/07			81.45		3,728.18
MW-12	06/26/07			81.79		3,727.84
MW-12	09/14/07			82.29		3,727.34
MW-12	10/19/07			82.36		3,727.27
MW-12	12/03/07			82.20		3,727.43
MW-12	01/08/08			81.99		3,727.64
MW-12	01/28/08			81.98		3,727.65
MW-12	03/12/08			82.07		3,727.56
MW-12	04/22/08			82.52		3,727.11
MW-12	05/16/08			82.07		3,727.56
MW-12	06/19/08			82.91		3,726.72
MW-12	08/13/08			83.46		3,726.17
MW-12	10/15/08			83.74		3,725.89
MW-12	12/04/08		83.38	84.10	0.72	#REF!
MW-12	01/21/09		83.08	83.71	0.63	3,726.45



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-12	02/18/09	3809.81	83.20	84.42	1.22	3,726.41
MW-12	04/06/09		83.51	85.66	2.15	3,725.95
MW-12	06/10/09		83.62	87.94	4.32	3,725.48
MW-12	08/25/09		84.44	89.90	5.46	3,724.47
MW-12	12/10/09		85.09	88.60	3.51	3,724.14
MW-12	01/08/10		84.93	88.26	3.33	3,724.33
MW-12	02/18/10		84.90	88.25	3.35	3,724.36
MW-13	02/22/06	WELL INSTALLED 2/22/06				
MW-13	03/01/06	3,809.42		77.33		3,732.09
MW-13	05/25/06			78.35		3,731.07
MW-13	08/14/06			79.59		3,729.83
MW-13	11/29/06			80.51		3,728.91
MW-13	12/12/06			80.68		3,728.74
MW-13	01/11/07			80.48		3,728.94
MW-13	02/08/07			80.25		3,729.17
MW-13	02/20/07			80.86		3,728.56
MW-13	03/06/07			80.71		3,728.71
MW-13	03/14/07			80.82		3,728.60
MW-13	03/27/07			79.97		3,729.45
MW-13	03/29/07			80.70		3,728.72
MW-13	04/03/07			81.02		3,728.40
MW-13	04/11/07			81.62		3,727.80
MW-13	04/17/07			81.17		3,728.25
MW-13	05/24/07			81.19		3,728.23
MW-13	06/26/07			81.42		3,728.00
MW-13	09/14/07			81.99		3,727.43
MW-13	10/19/07			82.02		3,727.40
MW-13	12/03/07			81.91		3,727.51
MW-13	01/08/08			81.71		3,727.71
MW-13	01/28/08			81.71		3,727.71

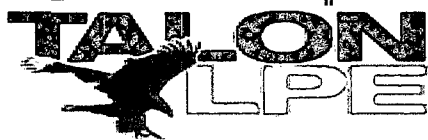


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-13	03/12/08			81.74		3,727.68
MW-13	04/22/08			82.17		3,727.25
MW-13	05/16/08			82.31		3,727.11
MW-13	06/19/08			82.54		3,726.88
MW-13	08/13/08			83.06		3,726.36
MW-13	10/15/08			83.37		3,726.05
MW-13	12/04/08			83.21		3,726.21
MW-13	01/21/09			82.91		3,726.51
MW-13	02/18/09	3,809.59		83.10		3,726.49
MW-13	04/06/09			83.54		3,726.05
MW-13	06/10/09			84.02		3,725.57
MW-13	08/25/09			84.95		3,724.64
MW-13	12/10/09			85.13		3,724.46
MW-13	01/08/10			84.92		3,724.67
MW-13	02/18/10			84.80		3,724.79
MW-14	02/21/06	WELL INSTALLED 2/21/06				
MW-14	03/01/06	3,809.46		77.31		3,732.15
MW-14	05/25/06			78.29		3,731.17
MW-14	08/14/06			79.41		3,730.05
MW-14	11/29/06			80.37		3,729.09
MW-14	12/12/06			80.51		3,728.95
MW-14	01/11/07			80.53		3,728.93
MW-14	02/08/07			80.20		3,729.26
MW-14	02/20/07			80.61		3,728.85
MW-14	03/06/07			80.65		3,728.81
MW-14	03/14/07			80.02		3,729.44
MW-14	03/27/07			80.85		3,728.61
MW-14	03/29/07			80.59		3,728.87
MW-14	04/03/07			80.91		3,728.55
MW-14	04/11/07			80.59		3,728.87



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Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-14	04/17/07			81.04		3,728.42
MW-14	05/24/07			81.10		3,728.36
MW-14	06/26/07			81.28		3,728.18
MW-14	09/14/07			81.88		3,727.58
MW-14	10/19/07			81.89		3,727.57
MW-14	12/03/07			81.78		3,727.68
MW-14	01/08/08			81.66		3,727.80
MW-14	01/28/08			81.68		3,727.78
MW-14	03/12/08			81.68		3,727.78
MW-14	04/22/08			82.11		3,727.35
MW-14	05/16/08			82.19		3,727.27
MW-14	06/19/08			82.41		3,727.05
MW-14	08/13/08			82.91		3,726.55
MW-14	10/15/08			83.23		3,726.23
MW-14	12/04/08			83.15		3,726.31
MW-14	01/21/09			82.08		3,727.38
MW-14	02/18/09	3,809.63		83.05		3,726.58
MW-14	04/06/09			83.43		3,726.20
MW-14	06/10/09			83.91		3,725.72
MW-14	08/25/09			84.75		3,724.88
MW-14	12/10/09			85.04		3,724.59
MW-14	01/08/10			84.85		3,724.78
MW-14	02/18/10			84.74		3,724.89
MW-15	02/22/06		WELL INSTALLED 2/22/06			
MW-15	03/01/06	3,810.77		78.50		3,732.27
MW-15	05/25/06			79.41		3,731.36
MW-15	08/14/06			80.54		3,730.23
MW-15	11/29/06			81.54		3,729.23
MW-15	12/12/06			81.63		3,729.14
MW-15	01/11/07			81.67		3,729.10



TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-15	02/08/07			81.43		3,729.34
MW-15	02/20/07			81.81		3,728.96
MW-15	03/06/07			81.85		3,728.92
MW-15	03/14/07			81.16		3,729.61
MW-15	03/27/07			82.07		3,728.70
MW-15	03/29/07			81.40		3,729.37
MW-15	04/03/07			82.11		3,728.66
MW-15	04/11/07			82.70		3,728.07
MW-15	04/17/07			82.24		3,728.53
MW-15	05/24/07			82.30		3,728.47
MW-15	06/26/07			82.48		3,728.29
MW-15	09/14/07			83.05		3,727.72
MW-15	10/19/07			83.06		3,727.71
MW-15	12/03/07			83.02		3,727.75
MW-15	01/08/08			82.89		3,727.88
MW-15	01/28/08			82.81		3,727.96
MW-15	03/12/08			82.86		3,727.91
MW-15	04/22/08			83.23		3,727.54
MW-15	05/16/08			83.31		3,727.46
MW-15	06/19/08			83.57		3,727.20
MW-15	08/13/08			84.07		3,726.70
MW-15	10/15/08			84.41		3,726.36
MW-15	12/04/08			84.34		3,726.43
MW-15	01/21/09			84.07		3,726.70
MW-15	02/18/09	3,810.93		84.26		3,726.67
MW-15	04/06/09			84.61		3,726.32
MW-15	06/10/09			85.07		3,725.86
MW-15	08/25/09			85.89		3,725.04
MW-15	12/10/09			86.22		3,724.71
MW-15	01/08/10			86.04		3,724.89
MW-15	02/18/10			85.95		3,724.98



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LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-16	02/23/06		WELL INSTALLED 2/23/06			
MW-16	03/01/06	3,812.02		79.72		3,732.30
MW-16	05/25/06			80.58		3,731.44
MW-16	08/14/06			81.71		3,730.31
MW-16	11/29/06			82.74		3,729.28
MW-16	12/12/06			82.84		3,729.18
MW-16	01/11/07			82.90		3,729.12
MW-16	02/08/07			82.66		3,729.36
MW-16	02/20/07			83.06		3,728.96
MW-16	03/06/07			83.07		3,728.95
MW-16	03/14/07			82.69		3,729.33
MW-16	03/27/07			83.27		3,728.75
MW-16	03/29/07			83.01		3,729.01
MW-16	04/03/07			83.33		3,728.69
MW-16	04/11/07			84.02		3,728.00
MW-16	04/17/07			83.44		3,728.58
MW-16	05/24/07			83.55		3,728.47
MW-16	06/26/07			83.69		3,728.33
MW-16	09/14/07			84.25		3,727.77
MW-16	10/19/07			84.28		3,727.74
MW-16	12/03/07			84.24		3,727.78
MW-16	01/08/08			84.10		3,727.92
MW-16	01/28/08			84.09		3,727.93
MW-16	03/12/08			84.07		3,727.95
MW-16	04/22/08			80.09		3,731.93
MW-16	05/16/08			85.55		3,726.47
MW-16	06/19/08			84.76		3,727.26
MW-16	08/13/08			85.25		3,726.77
MW-16	10/15/08			85.63		3,726.39
MW-16	12/04/08			85.58		3,726.44

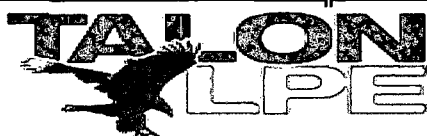


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-16	01/21/09			85.32		3,726.70
MW-16	02/18/09	3,812.23		85.53		3,726.70
MW-16	04/06/09			85.80		3,726.43
MW-16	06/10/09			86.26		3,725.97
MW-16	08/25/09			87.08		3,725.15
MW-16	12/10/09			85.30		3,726.93
MW-16	01/08/10			87.24		3,724.99
MW-16	02/18/10			87.17		3,725.06
MW-17	02/23/06	WELL INSTALLED 2/23/06				
MW-17	03/01/06	3,810.40		78.07		3,732.33
MW-17	05/25/06			78.92		3,731.48
MW-17	08/14/06			80.02		3,730.38
MW-17	11/29/06			81.10		3,729.30
MW-17	12/12/06			81.20		3,729.20
MW-17	01/11/07			81.25		3,729.15
MW-17	02/08/07			81.06		3,729.34
MW-17	02/20/07			81.45		3,728.95
MW-17	03/06/07			81.48		3,728.92
MW-17	03/14/07			80.89		3,729.51
MW-17	03/27/07			81.65		3,728.75
MW-17	03/29/07			81.40		3,729.00
MW-17	04/03/07			81.70		3,728.70
MW-17	04/11/07			82.11		3,728.29
MW-17	04/17/07			81.83		3,728.57
MW-17	05/22/07			81.92		3,728.48
MW-17	06/26/07			82.06		3,728.34
MW-17	09/14/07			82.59		3,727.81
MW-17	10/19/07			82.60		3,727.80
MW-17	12/03/07			82.56		3,727.84
MW-17	01/08/08			82.48		3,727.92

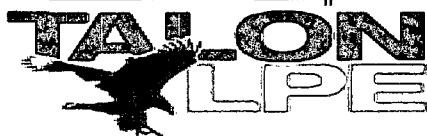


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SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-17	01/28/08			82.47		3,727.93
MW-17	03/12/08			82.41		3,727.99
MW-17	04/22/08			80.42		3,729.98
MW-17	05/16/08			82.89		3,727.51
MW-17	06/19/08			83.10		3,727.30
MW-17	08/13/08			83.68		3,726.72
MW-17	10/15/08			83.98		3,726.42
MW-17	12/04/08			83.92		3,726.48
MW-17	01/21/09			83.66		3,726.74
MW-17	02/18/09	3,810.57		83.85		3,726.72
MW-17	04/06/09			84.17		3,726.40
MW-17	06/10/09			84.59		3,725.98
MW-17	08/25/09			85.37		3,725.20
MW-17	12/10/09			85.71		3,724.86
MW-17	01/08/10			85.60		3,724.97
MW-17	02/18/10			85.52		3,725.05
MW-18	03/18/08	WELL INSTALLED 3/18/08				
MW-18	03/25/08	3,809.09		82.07		3,727.02
MW-18	04/22/08			82.19		3,726.90
MW-18	05/16/08			82.36		3,726.73
MW-18	06/19/08			82.61		3,726.48
MW-18	08/13/08			83.19		3,725.90
MW-18	10/15/08			83.45		3,725.64
MW-18	12/04/08			83.11		3,725.98
MW-18	01/21/09			82.78		3,726.31
MW-18	02/18/09	3,809.28		83.01		3,726.27
MW-18	04/06/09			83.60		3,725.68
MW-18	06/10/09			84.06		3,725.22
MW-18	08/25/09			85.13		3,724.15
MW-18	12/10/09			85.09		3,724.19

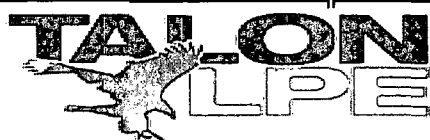


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
		(ft amsl)	BTOC (ft btoc)	BTOC (ft btoc)	(feet)	(feet amsl)
MW-18	01/08/10			84.82		3,724.46
MW-18	02/18/10			84.67		3,724.61

Corrected Groundwater Elevation = Top of Casing Elevation - (Depth to Water Below Top of Casing - (SG)(PSH Thickness)) SG=0.835

** Estimated Product Thickness using Total Depth of Well as the Depth to Water.

ND = Not Detected

btoc = Below Top of Casing

amsl = Above Mean Sea Level

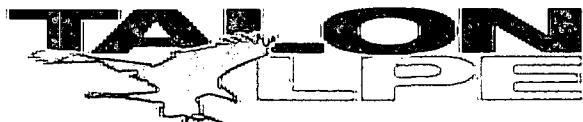


TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene
MW-1	09/22/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	11/19/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/31/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	05/12/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/22/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	11/14/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/01/06	Not sampled Due to Presence of Phase Separated Hydrocarbons			
	05/25/06	Not sampled Due to Presence of Phase Separated Hydrocarbons			
	08/14/06	Not sampled Due to Presence of Phase Separated Hydrocarbons			
	11/29/06	Not sampled Due to Presence of Phase Separated Hydrocarbons			
	03/29/07	Not sampled Due to Presence of Phase Separated Hydrocarbons			
	06/13/07	Not sampled Due to Presence of Phase Separated Hydrocarbons			
	09/14/07	Not sampled Due to Presence of Phase Separated Hydrocarbons			
	12/03/07	Not sampled Due to Presence of Phase Separated Hydrocarbons			
	03/12/08	Not sampled Due to Dry Well			
	06/19/08	Not sampled Due to Dry Well			
	08/13/08	Not sampled Due to Dry Well			
	09/18/08	Well Plugged			
MW-1A	09/18/08	Well Installed			
	09/23/08	20.1	13.9	2.03	4.58
	12/04/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	02/19/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	06/10/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/25/09	Not Sampled Due to Obstruction from Total Fluid Pump			
	12/11/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	02/18/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	09/22/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	11/19/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/31/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	05/12/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/22/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	11/14/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	05/25/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			

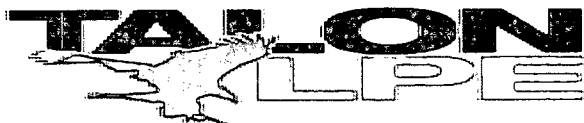


TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene
MW-2	11/29/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/29/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	06/13/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	09/14/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	12/03/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/12/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	06/19/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/13/08	Not sampled Due to Not Enough Water			
	12/04/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	02/19/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	06/10/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/26/09	29.2	15.0	3.49	9.26
	12/11/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	02/18/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
MW-3	09/22/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	11/19/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/31/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	05/12/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/22/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	11/14/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	05/25/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	11/29/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/29/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	06/13/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	09/14/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	12/03/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/12/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	06/19/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	09/23/08	18.2	7.71	1.81	4.15
	12/04/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	02/19/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	06/10/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/26/09	26.7	26.4	7.80	18.0

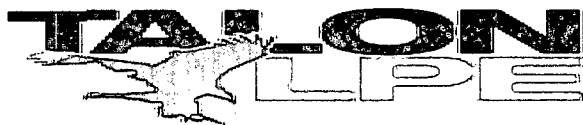


TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene
	12/11/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	02/18/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
MW-4	09/22/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	11/19/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/31/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	05/12/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/22/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	11/14/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	05/25/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	11/29/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/29/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	06/13/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	09/14/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	12/03/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/12/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	06/19/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	09/23/08	31.2	31.1	8.39	18.9
	12/04/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	02/19/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	06/10/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	8/25/209	Not Sampled Due to Insufficient Water			
	12/11/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	02/18/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	09/22/04	<0.00100	<0.00100	<0.00100	<0.00300
	03/31/05	3.14	0.0498	0.142	0.133
	05/12/05	4.25	0.0089	0.313	0.184
	08/22/05	20.3	2.240	1.420	1.140
	11/14/05	19.5	0.847	0.904	0.478
	03/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	05/25/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	11/29/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			

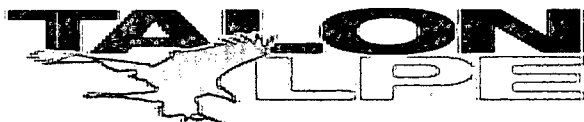


TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene
MW-5	03/29/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	06/13/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	09/14/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	12/03/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/12/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	06/19/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	09/23/08	11.9	5.8	1.08	1.92
	12/04/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	02/19/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	06/10/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/26/09	15.9	9.17	2.05	4.87
	12/11/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	02/18/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
MW-6	11/19/04	0.635	0.00105	<0.00100	0.00981
	03/31/05	0.702	<0.00100	<0.00100	0.0107
	05/12/05	0.468	0.00139	<0.00100	0.00823
	08/22/05	0.158	<0.00100	1.3	0.00406
	11/14/05	0.231	0.00574	1.97	0.00896
	03/01/06	0.0909	0.00382	<0.00100	0.0035
	05/25/06	<0.00100	<0.00100	<0.00100	<0.00300
	08/14/06	0.863	<0.100	<0.100	<0.300
	11/29/06	1.360	0.0366	<5	0.03624
	03/29/07	0.112	0.0220	0.00184	0.01143
	06/13/07	0.101	0.0206	<0.00100	0.00919
	09/14/07	0.0968	0.0104	0.0013	0.008
	12/03/07	0.1491	0.0209	0.0011	0.0132
	03/12/08	0.138	0.03010	<0.00100	0.01880
	06/19/08	0.198	0.0293	0.00120	0.01390
	08/13/08	0.454	0.0383	<0.0100	<0.0100
	12/04/08	0.200	0.0162	0.00230	0.0115
	02/19/09	0.116	0.00910	<0.00100	0.00250
	06/10/09	0.229	0.0242	<0.00100	0.0172
	08/25/09	0.269	0.0270	<0.00100	0.0320
	12/11/09	0.410	0.0395	0.00200	0.0271
	02/18/10	1.360	0.0375	0.04560	0.0733

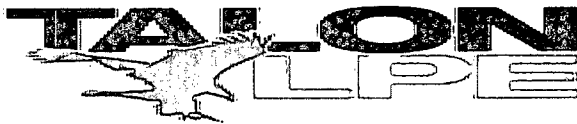


TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene
MW-7	11/19/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/31/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	05/12/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/22/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	11/14/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	05/25/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	11/29/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/29/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	06/13/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	09/14/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	12/03/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/12/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	06/19/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/13/08	Not sampled Due to Not Enough Water			
	12/04/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	02/19/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	06/10/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/25/09	Not Sampled Due to Insufficient Water			
	12/11/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	02/18/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
MW-8	11/19/04	1.440	0.141	0.0298	0.0782
	03/31/05	0.915	0.0596	0.00408	0.0317
	05/12/05	0.737	0.0878	0.00588	0.0315
	08/22/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	11/14/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	05/25/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	11/29/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/29/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	06/13/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	09/14/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			



TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene
	12/03/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	03/12/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	06/19/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/13/08	Not sampled Due to Not Enough Water			
	12/04/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	02/19/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	06/10/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/25/09	Not Sampled Due to Insufficient Water			
	12/11/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	02/18/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
MW-9	11/19/04	0.042	<0.00100	<0.00100	<0.00100
	03/31/05	0.024	<0.00100	<0.00100	0.00302
	05/12/05	0.0115	<0.00100	<0.00100	0.00201
	08/22/05	0.0108	<0.00100	<0.00100	0.00701
	11/14/05	0.00855	<0.00100	<0.00100	<0.00300
	03/01/06	0.00537	<0.00100	<0.00100	<0.00300
	05/25/06	0.0289	<0.00100	<0.00100	<0.00300
	08/14/06	0.0152	<0.00100	<0.00100	<0.00300
	11/29/06	0.0238	<0.00100	<0.00100	<0.00300
	03/29/07	0.0186	0.000482	0.000281	0.00157
	06/13/07	0.00910	<0.001	<0.001	0.00504
	09/14/07	0.0081	<0.001	<0.001	0.0045
	12/03/07	0.0049	<0.002	<0.001	0.0100
	03/12/08	0.0070	<0.00100	<0.00100	0.0102
	06/19/08	0.01240	<0.00100	<0.00100	0.00150
	08/13/08	0.130	<0.00100	<0.00100	<0.00100
	12/04/08	0.166	<0.00100	0.0151	0.0195
	02/19/09	0.00290	<0.00100	<0.00100	<0.00100
	06/10/09	0.0125	<0.00100	<0.00100	0.00550
	08/25/09	0.019	<0.00100	<0.00100	0.0203
	12/11/09	0.00280	<0.00100	<0.00100	<0.00100
	02/18/10	0.04940	<0.00100	0.00300	0.00480
	11/19/04	0.00725	0.00126	<0.00100	0.0367
	03/31/05	0.00128	<0.00100	<0.00100	0.0247

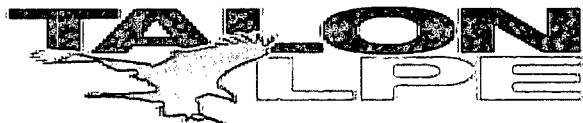


TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCDF REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene
MW-10	05/12/05	0.00316	<0.00100	<0.00100	0.00793
	08/22/05	0.00276	<0.00100	<0.00100	<0.00300
	11/14/05	0.00809	<0.00100	<0.00100	<0.00300
	03/01/06	0.00378	<0.00100	<0.00100	<0.002
	05/25/06	0.00663	<0.00100	<0.00100	<0.002
	08/14/06	0.0071	<0.00100	<0.00100	<0.002
	11/29/06	0.0107	<0.00100	<0.00100	<0.002
	03/29/07	0.00696	0.00140	<0.00100	0.00151
	06/13/07	0.00362	0.00137	<0.00100	0.00237
	09/14/07	0.0056	<0.00100	<0.00100	0.0023
	12/03/07	0.0046	<0.002	<0.00100	<0.002
	03/12/08	0.17900	0.030	0.00890	0.0389
	06/19/08	0.00470	<0.00100	<0.00100	0.00210
	08/13/08	<0.00500	<0.00500	<0.00500	<0.00500
	12/04/08	0.00550	<0.00100	<0.00100	0.0150
	02/19/09	0.00310	<0.00100	<0.00100	<0.00100
	06/10/09	0.0114	0.00470	<0.00100	0.00900
	08/25/09	0.0302	0.0129	<0.00100	0.0258
	12/11/09	0.00240	<0.00100	<0.00100	<0.00100
MW-11	03/01/06	<0.00100	<0.00100	<0.00100	<0.00300
	05/25/06	<0.00100	<0.00100	<0.00100	<0.00300
	08/14/06	0.00181	<0.00100	<0.00100	<0.00300
	11/29/06	0.00389	0.00198	<0.00100	<0.00300
	03/29/07	<0.00100	<0.00100	<0.00100	<0.00300
	06/13/07	<0.00100	<0.00100	<0.00100	<0.00300
	09/14/07	0.0013	<0.00100	<0.00100	<0.00300
	12/03/07	0.0010	<0.002	<0.00100	<0.00300
	03/12/08	<0.00100	<0.00100	<0.00100	<0.00100
	06/19/08	<0.00100	<0.00100	<0.00100	<0.00100
	08/13/08	<0.00100	<0.00100	<0.00100	<0.00100
	12/04/08	<0.00100	<0.00100	<0.00100	<0.00100
	02/19/09	<0.00100	<0.00100	<0.00100	<0.00100
	06/10/09	<0.00100	<0.00100	<0.00100	<0.00100
	08/25/09	<0.00100	<0.00100	<0.00100	<0.00100
	12/11/09	<0.00100	<0.00100	<0.00100	<0.00100

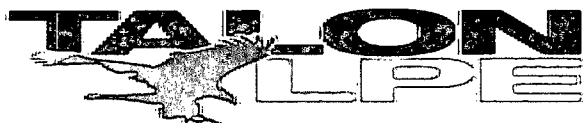


TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene
	02/18/10	<0.00100	<0.00100	<0.00100	<0.00100
MW-12	03/01/06	0.00448	<0.001	0.00738	0.0119
	05/25/06	0.75	0.00532	0.0553	0.10683
	08/14/06	10.7	0.116	0.567	0.646
	11/29/06	28.4	8.69	1.59	3.08
	03/29/07	18.4	4.65	1.46	2.46
	06/13/07	27.6	4.87	1.16	1.05
	09/14/07	18.66	1.490	0.7570	1.14
	12/03/07	24.91	1.080	0.6060	0.910
	03/12/08	31.5	1.12	0.874	1.09
	06/19/08	30.7	4.95	1.27	1.99
	08/13/08	30.2	8.44	1.25	2.22
	12/04/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	02/19/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	06/10/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	08/26/09	43.00	48.40	17.20	39.80
	12/11/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
	02/18/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons			
MW-13	03/01/06	<0.001	<0.001	<0.001	<0.003
	05/25/06	<0.001	<0.001	<0.001	<0.003
	08/14/06	<0.001	<0.001	<0.001	<0.003
	11/29/06	0.00631	0.0121	0.00264	0.0139
	03/29/07	0.0313	0.00911	0.00508	0.00367
	06/13/07	0.0122	0.00427	0.00207	0.00357
	09/14/07	<0.001	<0.001	<0.001	<0.00300
	12/03/07	0.0021	<0.002	<0.001	<0.003
	03/12/08	0.0210	<0.00100	<0.00100	0.00310
	06/19/08	0.0179	<0.00100	<0.00100	0.00200
	08/13/08	0.0231	<0.00100	<0.00100	0.00140
	12/04/08	0.0240	<0.00100	<0.00100	0.0161
	02/19/09	0.0634	<0.00100	<0.00100	0.00400
	06/10/09	0.0621	<0.00100	<0.00100	0.0282
	08/25/09	0.1200	<0.00100	<0.00100	0.05280
	12/11/09	0.00770	<0.00100	<0.00100	<0.00100

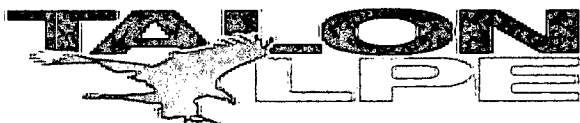


TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCDF REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene
	02/18/10	0.01100	<0.00100	<0.00100	0.00530
MW-14	03/01/06	<0.001	<0.001	<0.001	<0.002
	05/25/06	<0.001	0.00202	<0.001	<0.002
	08/14/06	<0.001	<0.001	<0.001	<0.002
	11/29/06	<0.001	<0.001	<0.001	<0.002
	03/29/07	0.00402	0.00139	<0.001	<0.001
	06/13/07	0.00794	0.00235	<0.001	0.00122
	09/14/07	0.0016	<0.001	<0.001	<0.002
	12/03/07	<0.001	<0.002	<0.001	<0.002
	03/12/08	0.00100	<0.00100	<0.00100	<0.00100
	06/19/08	0.00650	0.0015	<0.00100	0.00140
	08/13/08	<0.00100	<0.00100	<0.00100	<0.00100
	12/04/08	<0.00100	<0.00100	<0.00100	<0.00100
	02/19/09	<0.00100	<0.00100	<0.00100	<0.00100
	06/10/09	<0.00100	<0.00100	<0.00100	<0.00100
	08/25/09	<0.00100	<0.00100	<0.00100	<0.00100
	12/11/09	<0.00100	<0.00100	<0.00100	<0.00100
	02/18/10	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	03/01/06	<0.001	0.00115	<0.001	<0.00300
	05/25/06	<0.001	0.002	<0.001	<0.00300
	08/14/06	<0.001	<0.001	<0.001	<0.00300
	11/29/06	<0.001	<0.001	<0.001	<0.00300
	03/29/07	0.00291	<0.001	<0.001	<0.00300
	06/13/07	0.00171	<0.001	<0.001	<0.00300
	09/14/07	0.0123	0.0012	<0.001	<0.00300
	12/03/07	0.0013	<0.002	<0.001	<0.00300
	03/12/08	0.00260	<0.00100	<0.00100	<0.00100
	06/19/08	0.00850	<0.00100	<0.00100	<0.00100
	08/13/08	0.00350	<0.00100	<0.00100	<0.00100
	12/04/08	<0.00100	<0.00100	<0.00100	<0.00100
	02/19/09	<0.00100	<0.00100	<0.00100	<0.00100
	06/10/09	0.00680	<0.00100	<0.00100	<0.00100
	08/25/09	<0.00100	<0.00100	<0.00100	<0.00100
	12/11/09	<0.00100	<0.00100	<0.00100	<0.00100



TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCDF REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene
	02/18/10	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	03/01/06	0.00691	0.011	0.00574	0.01589
	05/25/06	0.118	0.0248	0.00278	0.00616
	08/14/06	<0.001	<0.001	<0.001	<0.002
	11/29/06	0.00362	<0.001	<0.001	<0.002
	03/29/07	0.0665	0.0132	0.00154	0.00636
	06/13/07	0.0198	0.00494	<0.001	0.00290
	09/14/07	0.0240	0.0032	<0.001	<0.002
	12/03/07	0.2048	0.0040	0.0015	0.0060
	03/12/08	0.165	0.0113	0.00270	0.0174
	06/19/08	0.129	0.00710	0.00220	0.00850
	08/13/08	0.117	<0.00100	<0.00100	0.00440
	12/04/08	0.0147	0.00930	<0.00100	0.0165
	02/19/09	0.00280	<0.00100	<0.00100	<0.00100
	06/10/09	0.0156	<0.00100	<0.00100	<0.00100
	08/25/09	0.147	<0.00100	<0.00100	0.02350
	12/11/09	0.0368	<0.00100	<0.00100	<0.00100
	02/18/10	0.0352	<0.00100	<0.00100	0.00440
MW-17	05/25/06	<0.001	<0.001	<0.001	<0.00300
	08/14/06	<0.001	<0.001	<0.001	<0.00300
	11/29/06	<0.001	<0.001	<0.001	<0.00300
	03/29/07	0.00177	<0.001	<0.001	<0.00300
	06/13/07	<0.001	<0.001	<0.001	<0.00300
	09/14/07	<0.001	<0.001	<0.001	<0.00300
	12/03/07	0.0022	<0.002	<0.001	<0.00300
	03/12/08	0.00310	<0.00100	<0.00100	<0.00100
	06/19/08	0.00950	<0.00100	<0.00100	0.00150
	08/13/08	0.00500	<0.00100	<0.00100	<0.00100
	12/04/08	<0.00100	<0.00100	<0.00100	<0.00100
	02/19/09	<0.00100	<0.00100	<0.00100	<0.00100
	06/10/09	<0.00100	<0.00100	<0.00100	<0.00100
	08/25/09	0.00790	<0.00100	<0.00100	<0.00100
	12/11/09	0.00790	<0.00100	<0.00100	<0.00100
	02/18/10	<0.00100	<0.00100	<0.00100	<0.00100

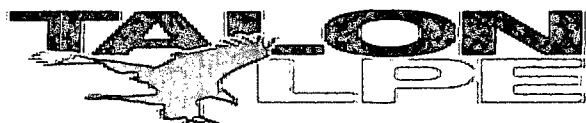


TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene
MW-18	03/28/08	<0.00100	<0.00100	<0.00100	<0.00100
	06/19/08	0.00240	0.00190	<0.00100	0.00450
	08/13/08	<0.00100	<0.00100	<0.00100	<0.00100
	12/04/08	<0.00100	<0.00100	<0.00100	<0.00100
	02/19/09	<0.00100	<0.00100	<0.00100	<0.00100
	06/10/09	<0.00100	<0.00100	<0.00100	<0.00100
	08/25/09	<0.00100	<0.00100	<0.00100	<0.00100
	12/11/09	<0.00100	<0.00100	<0.00100	<0.00100
	02/18/10	<0.00100	<0.00100	<0.00100	<0.00100
NMWQCC Remedial Limits		0.010	0.750	0.750	0.620

¹ **Bolded** values are in excess of the NMWQCC Remediation Thresholds

BTEX analyzed by EPA Method 8021B

Appendix C

Laboratory Analytical Data Reports and Chain of Custody Documentation



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1296
200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
E-Mail: lab@traceanalysis.com

Certifications

WBENC: 237019

HUB: 1752439743100-86536
NCTRCA WFWB38444Y0909

DBE: VN 20657

NELAP Certifications

Lubbock: T104704219-08-TX
LELAP-02003
Kansas E-10317

El Paso: T104704221-08-TX
LELAP-02002

Midland: T104704392-08-TX

Analytical and Quality Control Report

Steve Killingsworth
Talon LPE-Midland
2901 State Highway 349
Midland, TX, 79706

Report Date: March 1, 2010

Work Order: 10021935



Project Location: Hobbs, NM
Project Name: C.S. Cayler
Project Number: 700376.049.01
SRS #: 2002-10250

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
223206	MW-6	water	2010-02-18	12:35	2010-02-19
223207	MW-9	water	2010-02-18	11:44	2010-02-19
223208	MW-10	water	2010-02-18	11:40	2010-02-19
223209	MW-11	water	2010-02-18	11:37	2010-02-19
223210	MW-13	water	2010-02-18	12:29	2010-02-19
223211	MW-14	water	2010-02-18	12:22	2010-02-19
223212	MW-15	water	2010-02-18	12:13	2010-02-19
223213	MW-16	water	2010-02-18	12:03	2010-02-19
223214	MW-17	water	2010-02-18	11:53	2010-02-19
223215	MW-18	water	2010-02-18	11:33	2010-02-19

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 12 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.



Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project C.S. Cayler were received by TraceAnalysis, Inc. on 2010-02-19 and assigned to work order 10021935. Samples for work order 10021935 were received intact without headspace and at a temperature of 3.9 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	58042	2010-02-25 at 14:00	67848	2010-02-25 at 17:21
BTEX	S 8021B	58049	2010-02-26 at 10:00	67875	2010-02-26 at 08:22

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 10021935 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Report Date: March 1, 2010
700376.049.01

Work Order: 10021935
C.S. Cayler

Page Number: 4 of 12
Hobbs, NM

Analytical Report

Sample: 223206 - MW-6

Laboratory: Midland
Analysis: BTEX
QC Batch: 67848
Prep Batch: 58042

Analytical Method: S 8021B
Date Analyzed: 2010-02-25
Sample Preparation: 2010-02-25

Prep Method: S 5030B
Analyzed By: AG
Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		1.36	mg/L	5	0.00100
Toluene		0.0375	mg/L	5	0.00100
Ethylbenzene		0.0456	mg/L	5	0.00100
Xylene		0.0733	mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.427	mg/L	5	0.500	85	65.9 - 129.8
4-Bromofluorobenzene (4-BFB)		0.357	mg/L	5	0.500	71	51.1 - 118.8

Sample: 223207 - MW-9

Laboratory: Midland
Analysis: BTEX
QC Batch: 67848
Prep Batch: 58042

Analytical Method: S 8021B
Date Analyzed: 2010-02-25
Sample Preparation: 2010-02-25

Prep Method: S 5030B
Analyzed By: AG
Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.0494	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		0.00300	mg/L	1	0.00100
Xylene		0.00480	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0889	mg/L	1	0.100	89	65.9 - 129.8
4-Bromofluorobenzene (4-BFB)		0.0724	mg/L	1	0.100	72	51.1 - 118.8

Sample: 223208 - MW-10

Laboratory: Midland
Analysis: BTEX
QC Batch: 67848
Prep Batch: 58042

Analytical Method: S 8021B
Date Analyzed: 2010-02-25
Sample Preparation: 2010-02-25

Prep Method: S 5030B
Analyzed By: AG
Prepared By: AG

Report Date: March 1, 2010
700376.049.01

Work Order: 10021935
C.S. Cayler

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Hobbs, NM

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.186	mg/L	1	0.00100
Toluene		0.0112	mg/L	1	0.00100
Ethylbenzene		0.00580	mg/L	1	0.00100
Xylene		0.0108	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0895	mg/L	1	0.100	90	65.9 - 129.8
4-Bromofluorobenzene (4-BFB)		0.0765	mg/L	1	0.100	76	51.1 - 118.8

Sample: 223209 - MW-11

Laboratory: Midland
Analysis: BTEX
QC Batch: 67848
Prep Batch: 58042

Analytical Method: S 8021B
Date Analyzed: 2010-02-25
Sample Preparation: 2010-02-25

Prep Method: S 5030B
Analyzed By: AG
Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0914	mg/L	1	0.100	91	65.9 - 129.8
4-Bromofluorobenzene (4-BFB)		0.0795	mg/L	1	0.100	80	51.1 - 118.8

Sample: 223210 - MW-13

Laboratory: Midland
Analysis: BTEX
QC Batch: 67848
Prep Batch: 58042

Analytical Method: S 8021B
Date Analyzed: 2010-02-25
Sample Preparation: 2010-02-25

Prep Method: S 5030B
Analyzed By: AG
Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.0110	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		0.00530	mg/L	1	0.00100

Report Date: March 1, 2010
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Work Order: 10021935
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Hobbs, NM

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0889	mg/L	1	0.100	89	65.9 - 129.8
4-Bromofluorobenzene (4-BFB)		0.0718	mg/L	1	0.100	72	51.1 - 118.8

Sample: 223211 - MW-14

Laboratory: Midland
Analysis: BTEX
QC Batch: 67848
Prep Batch: 58042

Analytical Method: S 8021B
Date Analyzed: 2010-02-25
Sample Preparation: 2010-02-25

Prep Method: S 5030B
Analyzed By: AG
Prepared By: AG

Parameter	Flag	RL		Units	Dilution	RL	
		Result					
Benzene		<0.00100		mg/L	1		0.00100
Toluene		<0.00100		mg/L	1		0.00100
Ethylbenzene		<0.00100		mg/L	1		0.00100
Xylene		<0.00100		mg/L	1		0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0831	mg/L	1	0.100	83	65.9 - 129.8
4-Bromofluorobenzene (4-BFB)		0.0667	mg/L	1	0.100	67	51.1 - 118.8

Sample: 223212 - MW-15

Laboratory: Midland
Analysis: BTEX
QC Batch: 67848
Prep Batch: 58042

Analytical Method: S 8021B
Date Analyzed: 2010-02-25
Sample Preparation: 2010-02-25

Prep Method: S 5030B
Analyzed By: AG
Prepared By: AG

Parameter	Flag	RL		Units	Dilution	RL	
		Result					
Benzene		<0.00100		mg/L	1		0.00100
Toluene		<0.00100		mg/L	1		0.00100
Ethylbenzene		<0.00100		mg/L	1		0.00100
Xylene		<0.00100		mg/L	1		0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0850	mg/L	1	0.100	85	65.9 - 129.8
4-Bromofluorobenzene (4-BFB)		0.0684	mg/L	1	0.100	68	51.1 - 118.8

Report Date: March 1, 2010
700376.049.01

Work Order: 10021935
C.S. Cayler

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Hobbs, NM

Sample: 223213 - MW-16

Laboratory: Midland
Analysis: BTEX
QC Batch: 67875
Prep Batch: 58049

Analytical Method: S 8021B
Date Analyzed: 2010-02-26
Sample Preparation: 2010-02-26

Prep Method: S 5030B
Analyzed By: AG
Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.0352	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		0.00440	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0883	mg/L	1	0.100	88	65.9 - 129.8
4-Bromofluorobenzene (4-BFB)		0.0745	mg/L	1	0.100	74	51.1 - 118.8

Sample: 223214 - MW-17

Laboratory: Midland
Analysis: BTEX
QC Batch: 67875
Prep Batch: 58049

Analytical Method: S 8021B
Date Analyzed: 2010-02-26
Sample Preparation: 2010-02-26

Prep Method: S 5030B
Analyzed By: AG
Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0888	mg/L	1	0.100	89	65.9 - 129.8
4-Bromofluorobenzene (4-BFB)		0.0741	mg/L	1	0.100	74	51.1 - 118.8

Sample: 223215 - MW-18

Laboratory: Midland
Analysis: BTEX
QC Batch: 67875
Prep Batch: 58049

Analytical Method: S 8021B
Date Analyzed: 2010-02-26
Sample Preparation: 2010-02-26

Prep Method: S 5030B
Analyzed By: AG
Prepared By: AG

Report Date: March 1, 2010
700376.049.01

Work Order: 10021935
C.S. Cayler

Page Number: 8 of 12
Hobbs, NM

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0869	mg/L	1	0.100	87	65.9 - 129.8
4-Bromofluorobenzene (4-BFB)		0.0774	mg/L	1	0.100	77	51.1 - 118.8

Method Blank (1) QC Batch: 67848

QC Batch: 67848
Prep Batch: 58042

Date Analyzed: 2010-02-25
QC Preparation: 2010-02-25

Analyzed By: AG
Prepared By: AG

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000300	mg/L	0.001
Toluene		<0.000200	mg/L	0.001
Ethylbenzene		<0.000200	mg/L	0.001
Xylene		<0.000900	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0956	mg/L	1	0.100	96	73.6 - 126.6
4-Bromofluorobenzene (4-BFB)		0.0849	mg/L	1	0.100	85	62.6 - 117.5

Method Blank (1) QC Batch: 67875

QC Batch: 67875
Prep Batch: 58049

Date Analyzed: 2010-02-26
QC Preparation: 2010-02-26

Analyzed By: AG
Prepared By: AG

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000300	mg/L	0.001
Toluene		<0.000200	mg/L	0.001
Ethylbenzene		<0.000200	mg/L	0.001
Xylene		<0.000900	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0949	mg/L	1	0.100	95	73.6 - 126.6
4-Bromofluorobenzene (4-BFB)		0.0809	mg/L	1	0.100	81	62.6 - 117.5

Report Date: March 1, 2010
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Laboratory Control Spike (LCS-1)

QC Batch: 67848
Prep Batch: 58042

Date Analyzed: 2010-02-25
QC Preparation: 2010-02-25

Analyzed By: AG
Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.0879	mg/L	1	0.100	<0.000300	88	79.4 - 112.4
Toluene	0.0874	mg/L	1	0.100	<0.000200	87	79.3 - 110
Ethylbenzene	0.0867	mg/L	1	0.100	<0.000200	87	73.8 - 113.1
Xylene	0.262	mg/L	1	0.300	<0.000900	87	73.9 - 113.6

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.0929	mg/L	1	0.100	<0.000300	93	79.4 - 112.4	6	20
Toluene	0.0928	mg/L	1	0.100	<0.000200	93	79.3 - 110	6	20
Ethylbenzene	0.0924	mg/L	1	0.100	<0.000200	92	73.8 - 113.1	6	20
Xylene	0.279	mg/L	1	0.300	<0.000900	93	73.9 - 113.6	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0844	0.0916	mg/L	1	0.100	84	92	76.2 - 129.6
4-Bromofluorobenzene (4-BFB)	0.0892	0.0971	mg/L	1	0.100	89	97	77.9 - 119.8

Laboratory Control Spike (LCS-1)

QC Batch: 67875
Prep Batch: 58049

Date Analyzed: 2010-02-26
QC Preparation: 2010-02-26

Analyzed By: AG
Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.0908	mg/L	1	0.100	<0.000300	91	79.4 - 112.4
Toluene	0.0900	mg/L	1	0.100	<0.000200	90	79.3 - 110
Ethylbenzene	0.0893	mg/L	1	0.100	<0.000200	89	73.8 - 113.1
Xylene	0.270	mg/L	1	0.300	<0.000900	90	73.9 - 113.6

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.0901	mg/L	1	0.100	<0.000300	90	79.4 - 112.4	1	20
Toluene	0.0916	mg/L	1	0.100	<0.000200	92	79.3 - 110	2	20
Ethylbenzene	0.0937	mg/L	1	0.100	<0.000200	94	73.8 - 113.1	5	20
Xylene	0.282	mg/L	1	0.300	<0.000900	94	73.9 - 113.6	4	20

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Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0832	0.0903	mg/L	1	0.100	83	90	76.2 - 129.6
4-Bromofluorobenzene (4-BFB)	0.0976	0.105	mg/L	1	0.100	98	105	77.9 - 119.8

Matrix Spike (MS-1) Spiked Sample: 223206

QC Batch: 67848
Prep Batch: 58042

Date Analyzed: 2010-02-25
QC Preparation: 2010-02-25

Analyzed By: AG
Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	1.84	mg/L	5	0.500	1.3635	95	77.3 - 117.4
Toluene	0.475	mg/L	5	0.500	0.0375	88	75 - 111.8
Ethylbenzene	0.479	mg/L	5	0.500	0.0456	87	78.8 - 106.6
Xylene	1.37	mg/L	5	1.50	0.0733	86	68.9 - 114

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	1.81	mg/L	5	0.500	1.3635	89	77.3 - 117.4	2	20
Toluene	0.482	mg/L	5	0.500	0.0375	89	75 - 111.8	2	20
Ethylbenzene	0.491	mg/L	5	0.500	0.0456	89	78.8 - 106.6	2	20
Xylene	1.41	mg/L	5	1.50	0.0733	89	68.9 - 114	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.434	0.427	mg/L	5	0.5	87	85	76.3 - 129.8
4-Bromofluorobenzene (4-BFB)	0.455	0.455	mg/L	5	0.5	91	91	75.2 - 112.8

Matrix Spike (MS-1) Spiked Sample: 223382

QC Batch: 67875
Prep Batch: 58049

Date Analyzed: 2010-02-26
QC Preparation: 2010-02-26

Analyzed By: AG
Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.0895	mg/L	1	0.100	<0.000300	90	77.3 - 117.4
Toluene	0.0887	mg/L	1	0.100	<0.000200	89	75 - 111.8
Ethylbenzene	0.0889	mg/L	1	0.100	<0.000200	89	78.8 - 106.6
Xylene	0.268	mg/L	1	0.300	<0.000900	89	68.9 - 114

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

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Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.0915	mg/L	1	0.100	<0.000300	92	77.3 - 117.4	2	20
Toluene	0.0909	mg/L	1	0.100	<0.000200	91	75 - 111.8	2	20
Ethylbenzene	0.0915	mg/L	1	0.100	<0.000200	92	78.8 - 106.6	3	20
Xylene	0.276	mg/L	1	0.300	<0.000900	92	68.9 - 114	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0849	0.0809	mg/L	1	0.1	85	81	76.3 - 129.8
4-Bromofluorobenzene (4-BFB)	0.100	0.0951	mg/L	1	0.1	100	95	75.2 - 112.8

Standard (CCV-1)

QC Batch: 67848

Date Analyzed: 2010-02-25

Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0902	90	80 - 120	2010-02-25
Toluene		mg/L	0.100	0.0905	90	80 - 120	2010-02-25
Ethylbenzene		mg/L	0.100	0.0900	90	80 - 120	2010-02-25
Xylene		mg/L	0.300	0.271	90	80 - 120	2010-02-25

Standard (CCV-2)

QC Batch: 67848

Date Analyzed: 2010-02-25

Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0907	91	80 - 120	2010-02-25
Toluene		mg/L	0.100	0.0898	90	80 - 120	2010-02-25
Ethylbenzene		mg/L	0.100	0.0889	89	80 - 120	2010-02-25
Xylene		mg/L	0.300	0.268	89	80 - 120	2010-02-25

Standard (CCV-3)

QC Batch: 67848

Date Analyzed: 2010-02-25

Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0919	92	80 - 120	2010-02-25

continued ...

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standard continued ...

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Toluene		mg/L	0.100	0.0910	91	80 - 120	2010-02-25
Ethylbenzene		mg/L	0.100	0.0904	90	80 - 120	2010-02-25
Xylene		mg/L	0.300	0.272	91	80 - 120	2010-02-25

Standard (CCV-1)

QC Batch: 67875

Date Analyzed: 2010-02-26

Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0900	90	80 - 120	2010-02-26
Toluene		mg/L	0.100	0.0893	89	80 - 120	2010-02-26
Ethylbenzene		mg/L	0.100	0.0890	89	80 - 120	2010-02-26
Xylene		mg/L	0.300	0.269	90	80 - 120	2010-02-26

Standard (CCV-2)

QC Batch: 67875

Date Analyzed: 2010-02-26

Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0905	90	80 - 120	2010-02-26
Toluene		mg/L	0.100	0.0901	90	80 - 120	2010-02-26
Ethylbenzene		mg/L	0.100	0.0893	89	80 - 120	2010-02-26
Xylene		mg/L	0.300	0.270	90	80 - 120	2010-02-26

Standard (CCV-3)

QC Batch: 67875

Date Analyzed: 2010-02-26

Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0918	92	80 - 120	2010-02-26
Toluene		mg/L	0.100	0.0911	91	80 - 120	2010-02-26
Ethylbenzene		mg/L	0.100	0.0906	91	80 - 120	2010-02-26
Xylene		mg/L	0.300	0.273	91	80 - 120	2010-02-26

LAB Order ID # 10021935

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TraceAnalysis, Inc.

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2501 Mayes Rd., Ste 100
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Company Name:

Talan/LPE

Address:

2201 Rankin Hwy

Contact Person:

Steve Killingsworth

Invoice to:

E-mail: SKillingsworth@khalife.com

(If different from above)

Project #:

200376-049-A

Project Location (including state):

Lubbock, N.M.

Project Name:

C.S. Carter

Sampler Signature:

C.S. Carter

Signature:

C.S. Carter

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD						SAMPLING	
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE	TIME
200376-049-A	MW-6	3	VOL X	X				X						2/8/02	1235
207	MW-9	1													1144
208	MW-10	1													1140
209	MW-11	1													1137
210	MW-13	1													1229
211	MW-14	1													1222
212	MW-15	1													1213
213	MW-16	1													1203
214	MW-17	1													1153
215	MW-18	1													1133

ANALYSIS REQUEST

(Circle or Specify Method No.)

MTBE 8021 / 602 / 8260 / 624	TPH 8015 GRO / DRO / TVHC	PAH 8270 / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010/200.7	TCPL Volatiles	TCPL Semi Volatiles	TCPL Pesticides	RCI	GC/MS Vol. 8260 / 624	GC/MS Semi. Vol. 8270 / 625	PCB's 8082 / 608	Pesticides 8081 / 608	BOD, TSS, PH	Moisture Content	Cl, F, S04, NO3, NO2, Alkalinity	Na, Ca, Mg, K, TDS, EC	Turn Around Time if different from standard	Hold
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST	OBS	COR	REMARKS:
Steve Killingsworth	Talan	2/19	0700	Steve Killingsworth	Talan	2/19	0700				X All test Midland
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST	OBS	COR	
Steve Killingsworth	Talan	2/19	0700	Steve Killingsworth	Talan	2/19	0700				
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST	OBS	COR	
Steve Killingsworth	Talan	2/19	0700	Steve Killingsworth	Talan	2/19	0700				

Intact ☒ N
Headspace ☒ N
39°C
Log-in-Review

☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed

Carrier # Cera-IV

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

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