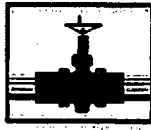


AP - 52

**QUARTERLY
MONITORING
REPORTS**

2011



PLAINS
PIPELINE, L.P.

RECEIVED OOD

2011 NOV 30 P 2:45

November 16, 2011

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 November 11, 2011, 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 third quarter of 2011.

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

Sincerely,

Jason Henry
Remediation Coordinator
Plains Pipeline, L.P.

CC: Geoffrey R. Leking, NMOCD, Hobbs Office

Enclosure



November 11, 2011

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

AMARILLO
921 North Bivins
Amarillo, Texas 79107
Phone 806.467.0607
Fax 806.467.0622

AUSTIN
911 West Anderson Lane
Suite 202
Austin, Texas 78757
Phone 512.989.3428
Fax 512.989.3487

MIDLAND
2901 State Highway 349
Midland, Texas 79706
Phone 432.522.2133
Fax 432.522.2180

SAN ANTONIO
11 Commercial Place
Schertz, Texas 78154
Phone 210.265.8025
Fax 210.568.2191

TULSA
525 South Main Street
Suite 535
Tulsa, Oklahoma 74103
Phone 918.742.0871
Fax 918.382.0232

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

ARTESIA
408 W. Texas Ave.
Artesia, New Mexico 88210
Phone 575.746.8768
Fax 505.746.8905

Re: Plains Pipeline, L.P. C.S. Cayler (Plains SRS #2002-10250)
Third Quarter 2011 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) is submitting this letter report on behalf of Plains Pipeline, L.P. (Plains) that summarizes the third quarter 2011 groundwater monitoring activities.

Remediation Activities

During the third quarter of 2011, two (2) specific gravity skimmers with bladder pumps were in operation in monitor wells MW-7A and MW-12 and five (5) total fluids pumps were in operation in monitor wells MW-1A, MW-2A, MW-3, MW-4 and MW-5. 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 inspected and 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 located 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 3,792 barrels of water of which, 3,856 barrels of water was transferred by pump to the Rocky Smith saltwater disposal facility. Approximately 16 barrels of crude oil was recovered by the system and 57 barrels of oil was contained in the recovery tank at the end of the quarter. No crude oil was removed from the recovery tank during the third quarter.

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www.talonlpe.com

Third Quarter Groundwater Monitoring Event

The third quarter 2011 groundwater monitoring event was conducted on September 28 and 29, 2011. Prior to the event, the PSH recovery system was shut-down and the recovery pumps were pulled in order to allow the potentiometric surface to stabilize. During the groundwater monitoring event, all monitor wells were measured with an interface probe to determine static water levels and PSH thicknesses if present.

Groundwater samples were collected from seven (7) monitor wells (MW-8A, MW-11, MW-12A and MW-15 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-6, MW-7A, and MW-12 due to the presence of PSH. Groundwater samples were not collected from monitor wells MW-9 and MW-10 because they were dry or from MW-13 or MW-14 because they did not contain enough water to collect a sample.

Results of the Groundwater Monitoring Event

Data collected from the September 2011 groundwater monitoring event exhibited the following results.

- Benzene concentrations ranged from <0.00100 mg/L to 13.9 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-8A, MW-12A, and MW-16.
- Toluene concentrations ranged from <0.00100 mg/L to 0.144 mg/L. Toluene concentrations did not exceed the NMWQCC remediation threshold of 0.750 mg/L in any of the groundwater samples collected.
- Ethylbenzene concentrations ranged from <0.00100 mg/L to 0.264 mg/L. Ethylbenzene concentrations did not exceed the NMWQCC remediation threshold of 0.750 mg/L in any of the groundwater samples collected.
- Total xylene concentrations ranged from <0.00100 mg/L to 0.265 mg/L. Total xylene concentrations did not exceed the NMWQCC remediation threshold of 0.620 mg/L in any of the groundwater samples collected.
- Dissolved-phase concentrations remained relatively stable in sampled monitor wells except for a significant increase in total BTEX in up-gradient monitor well MW-16. The dissolved-phase plume is currently delineated and stable.
- PSH thicknesses typically fluctuate from quarter to quarter but have declined overall since PSH recovery operations were initiated. For the third quarter, PSH thicknesses exhibited slight to moderate declines and increases in all impacted monitor wells. The largest increases in PSH thicknesses occurred in monitor wells MW-3 of 3.05-ft. and MW-2A of 4.43-ft. The total depth for MW-2A is 109.32 feet, which is 21.22 feet deeper than MW-2. The water detected by the interface probe in MW-2, during the gauging event, is likely residual water trapped in the casing shoe. Based on current depth to water data, it is likely that groundwater levels have declined below the total depth of MW-2.
- Data collected from groundwater monitoring event indicated an average decline in groundwater levels of 0.89 feet. The decline appears to be associated with a regional declining trend in Ogallala groundwater levels.

Recommendations

Currently the system is operating as designed. Talon offers no recommendations for changes at this time.

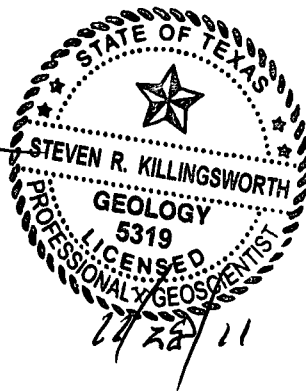
If you have any questions or require further information, please contact me at (432) 522-2133 or Mr. Jeffrey Dann at (713) 646-4657.

Sincerely,



Steven R. Killingsworth, P.G.

Senior Project Manager



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

Appendices:

Appendix A Figures

Appendix B Tables

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

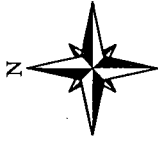
Appendix A

Figures

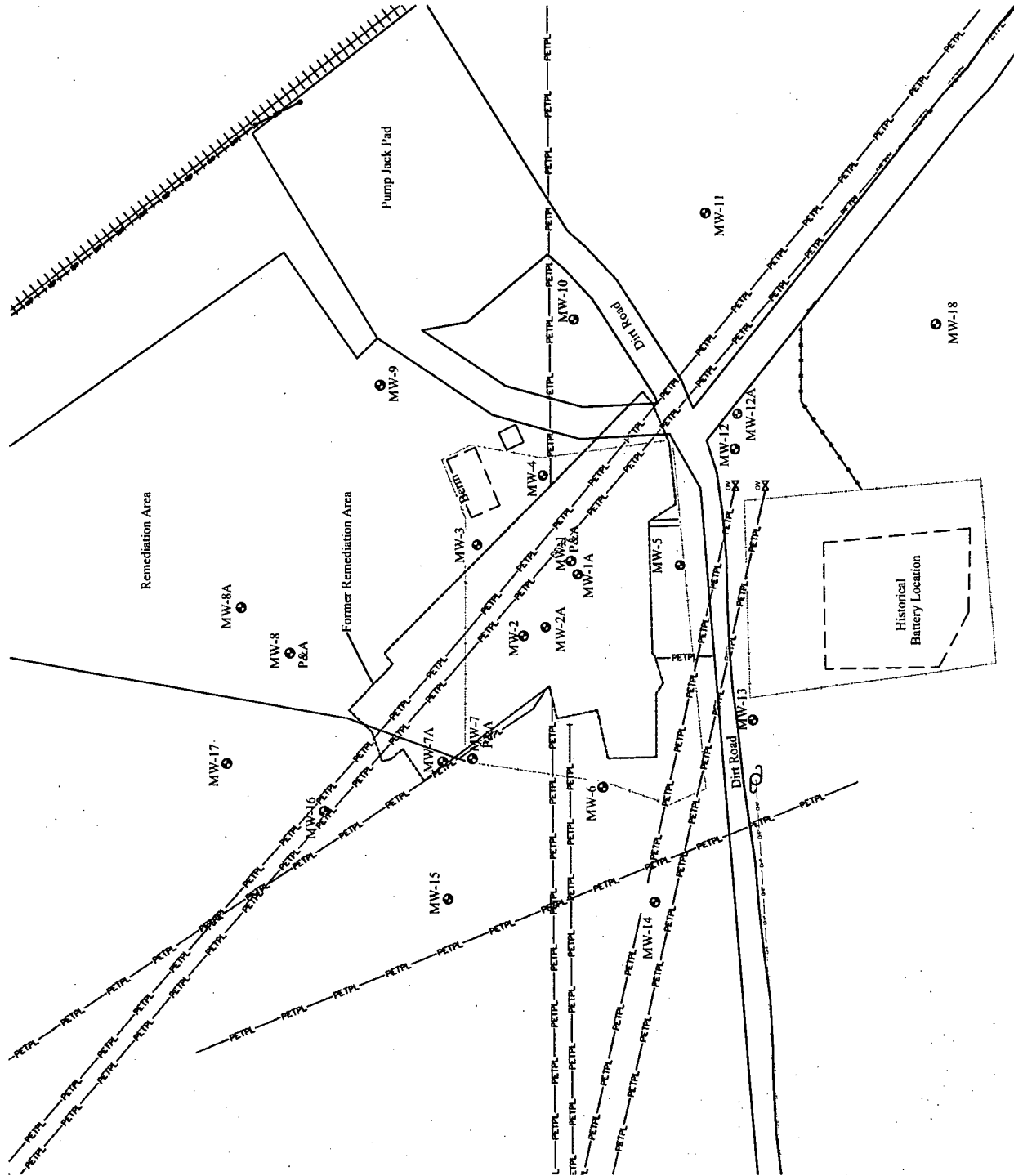
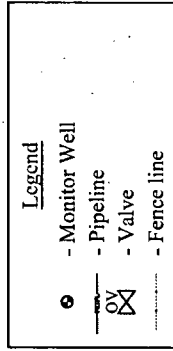
Figure 1 Site Layout and Monitor Well Location Map

Figure 2 Groundwater Gradient Map - 09/28/2011

Figure 3 PSH Distribution and Groundwater Concentration Map – 06/28-
29/2011



0 50 100
Scale in Feet



Talon/LPE # : 700376.049.01

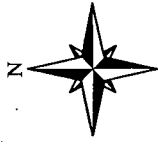


Date: 07/07/2011

Scale: 1" = 100'

Drawn By: TJS

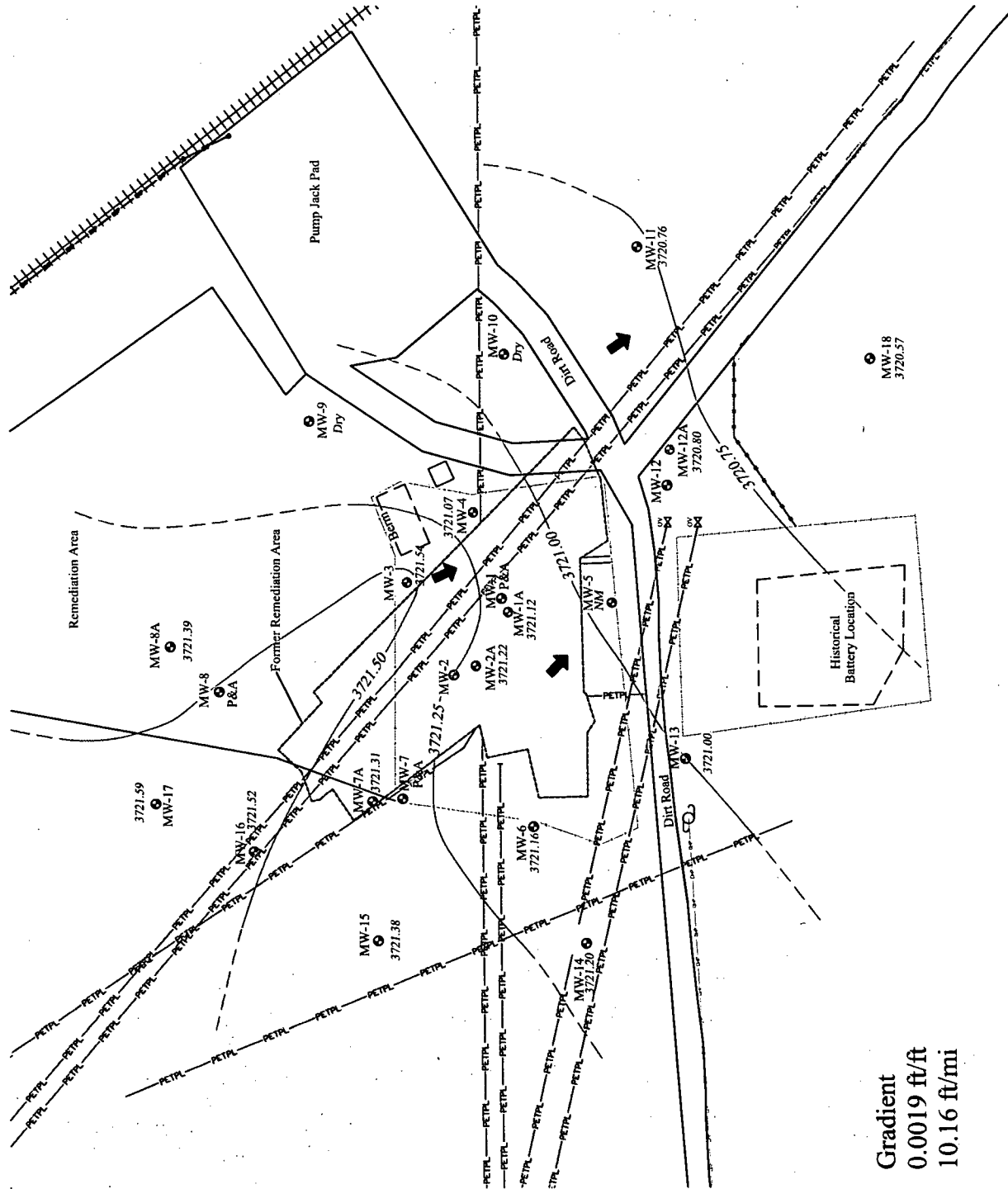
C.S. Cayler
SRS # 2002-10250, NMOCD REF. # AP-052 (OLD IR-0382)
Lea County, New Mexico
Figure 1 - Site Plan



0 50 100
Scale in Feet

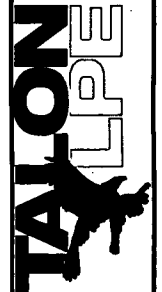
Legend

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



Gradient
0.0019 ft/ft
10.16 ft/mi

Talon/LPE #: 700376.049.01



Date: 10/13/2011

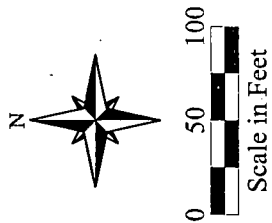
Scale: 1" = 100'

Drawn By: TJS

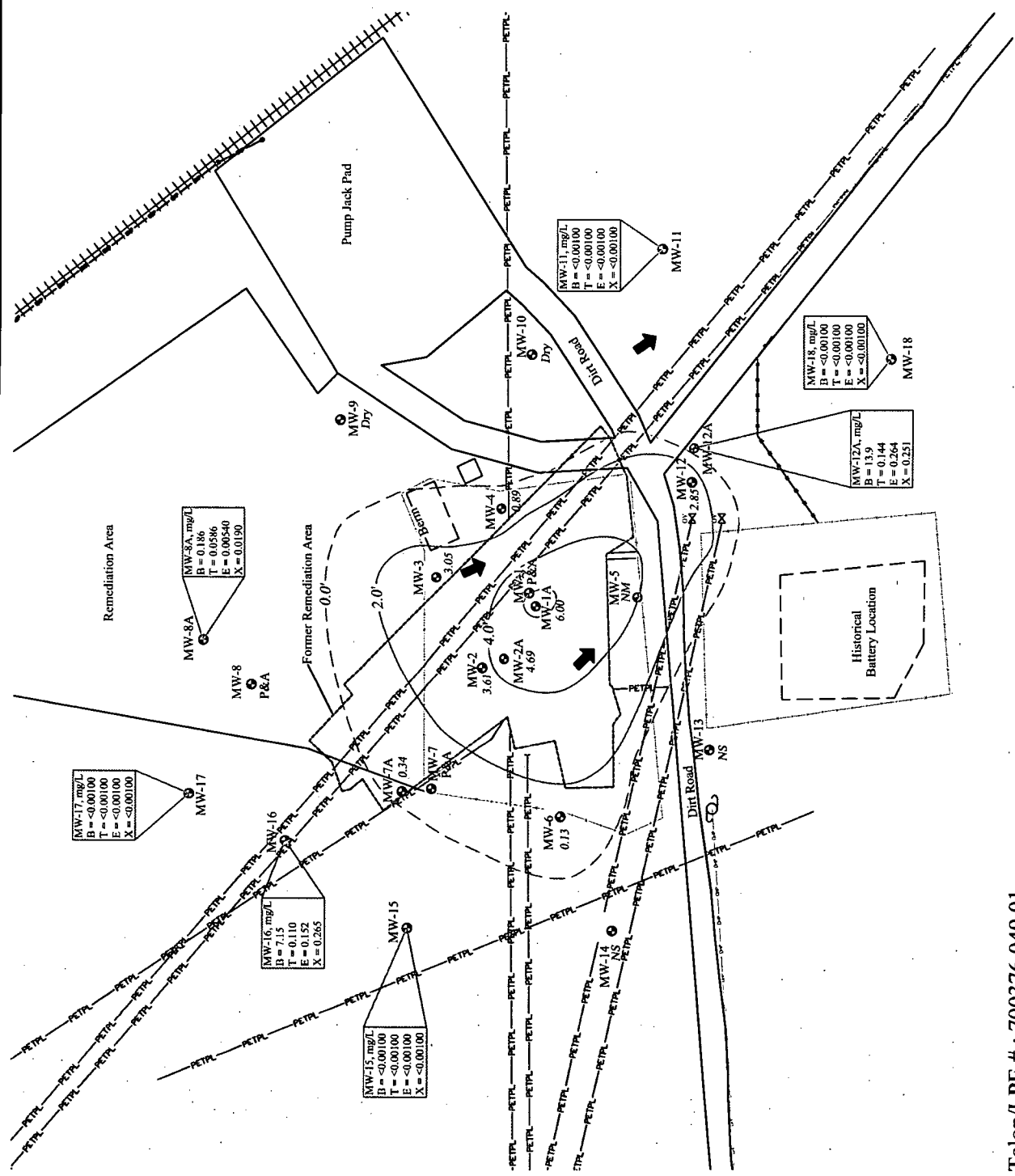
C.S. Caylor

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

Figure 2c - Groundwater Gradient Map, (09/28/2011)



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



Talon/LPE # : 700376.049.01



Date: 10/13/2011
Scale: 1" = 100'
Drawn By: TJS

C.S. Caylor
SRS # 2002-10250, NMOCD REF. # AP-052 (OLD IR-0382)
Lea County, New Mexico
Figure 3c - PSH Thickness & Groundwater Concentration Map, (09/28-29/2011)

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 TD=96.20				
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



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	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-1A	06/09/10		84.95	93.02	8.07	3,723.86
MW-1A	09/21/10		86.04	93.13	7.09	3,722.93
MW-1A	12/17/10		88.92	91.52	2.60	3,720.79
MW-1A	03/25/11		85.85	92.40	6.55	3,723.21
MW-1A	06/22/11		86.94	93.64	6.70	3,722.09
MW-1A	09/28/11		88.03	94.03	6.00	3,721.12
MW-2	05/28/04	WELL INSTALLED 5/28/04 TD=88.10				
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



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	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
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



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	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
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	ND		
MW-2	09/21/10		NM - Pump Stuck			
MW-2	12/17/10		NM - Pump Stuck			
MW-2	03/25/11		82.45	88.10	5.65	3,724.00
MW-2	06/22/11		83.62	88.05	4.43	3,723.03
MW-2	09/28/11		84.47	88.08	3.61	3,722.31
MW-2A	04/28/11	WELL INSTALLED 28-April-11 TD=109.32'				
	05/10/11			87.44		NS
	06/22/11		88.00	88.26	0.26	3,722.10
	07/06/11	3,810.14				
	09/28/11		88.15	92.84	4.69	3,721.22



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-3	05/31/04	WELL INSTALLED 31-May-04 TD=93.53				
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
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



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	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
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



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	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-3	09/21/10		NM - Pump Stuck			
MW-3	12/17/10		86.56	89.21	2.65	3,723.36
MW-3	03/25/11		86.55	89.60	3.05	3,723.31
MW-3	06/22/11		88.15	88.48	0.33	3,722.16
MW-3	09/28/11		88.32	91.37	3.05	3,721.54
MW-4	06/01/04	WELL INSTALLED 01-Jun-04 TD=93.16				
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
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



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-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
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



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-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-4	09/21/10		87.13	92.72	5.59	3,722.76
MW-4	12/17/10		87.32	89.22	1.90	3,723.18
MW-4	03/25/11		86.40	92.75	6.35	3,723.36
MW-4	06/22/11		88.25	91.30	3.05	3,722.06
MW-4	09/28/11		89.59	90.48	0.89	3,721.07
MW-5	06/05/04	WELL INSTALLED 05-Jun-04 TD=93.41				
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



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-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
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



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-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
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



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-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-5	09/21/10		84.95	92.82	7.87	3,723.04
MW-5	12/17/10		85.42	87.87	2.45	3,723.47
MW-5	03/25/11		84.70	92.68	7.98	3,723.27
MW-5	06/22/11		86.25	91.89	5.64	3,722.11
MW-5	09/28/11		Not gauged - pump stuck			
MW-6	10/21/04	WELL INSTALLED 21-Oct-04 (TD-88.31)				
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



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-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-6	09/21/10			86.25		3,723.08
MW-6	12/17/10			85.92		3,723.41
MW-6	03/25/11			86.04		3,723.29
MW-6	06/22/11		87.22	87.34	0.12	3,722.09



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-6	09/28/11		88.15	88.28	0.13	3,721.16
MW-7	10/21/04	WELL INSTALLED 21-Oct-04 (TD-84.71)				
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
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



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	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		
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



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	06/09/10		ND	84.71	0.00	3,725.37
MW-7	09/21/10		ND	DRY		
MW-7	12/17/10		ND	DRY		
MW-7	03/25/11		ND	DRY		
MW-7	03/26/11	WELL Plugged & Abandoned 26-March-11				
MW-7A	04/19/11	WELL INSTALLED 19-April-11 (TD-101.21')				
MW-7A	05/13/11		87.67	88.27	0.60	3,722.86
MW-7A	06/22/11		88.20	88.90	0.70	3,722.31
MW-7A	07/06/11	3,810.63				
MW-7A	09/28/11		89.26	89.60	0.34	3,721.31
MW-8	10/20/04	WELL INSTALLED 20-Oct-04 (TD-84.55)				
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



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	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
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



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	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		ND	DRY		
MW-8	08/25/09		ND	DRY		
MW-8	12/10/09		ND	DRY		
MW-8	01/08/10		ND	DRY		
MW-8	02/18/10		ND	DRY		
MW-8	06/09/10		ND	DRY		
MW-8	09/21/10		ND	DRY		
MW-8	12/17/10		ND	DRY		
MW-8	03/25/11		ND	DRY		
MW-8	03/26/11	WELL Plugged & Abandoned 26-April-11				
MW-8A	04/20/11	WELL INSTALLED 20-April-11 (TD-102.67')				
MW-8A	05/13/11			87.29		3,723.44
MW-8A	06/22/11			88.33		3,722.40
MW-8A	07/06/11	3,810.73				
MW-8A	09/28/11			89.34		3,721.39
MW-9	10/19/04	WELL INSTALLED 19-Oct-04 (TD-86.80)				
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



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	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
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



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	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-9	09/21/10			86.86		3,723.12
MW-9	12/17/10			86.64		3,723.34
MW-9	03/25/11			86.78		3,723.20
MW-9	06/22/11		ND	DRY		NA
MW-9	09/28/11			DRY		NA
MW-10	10/20/04	WELL INSTALLED 20-Oct-04 (TD-86.98)				
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



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	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
MW-10	10/15/08			83.73		3,725.91
MW-10	12/04/08			83.51		3,726.13



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	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-10	09/21/10			DRY		
MW-10	12/17/10			86.54		3,723.25
MW-10	03/25/11			86.76		3,723.03
MW-10	06/22/11			87.97		3,721.82
MW-10	09/28/11			DRY		NA
MW-11	02/21/06	WELL INSTALLED 2/21/06 (TD-89.10)				
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



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	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
MW-11	06/09/10			85.08		3,724.04
MW-11	09/21/10			86.30		3,722.82
MW-11	12/17/10			85.94		3,723.18
MW-11	03/25/11			86.19		3,722.93
MW-11	06/22/11			87.50		3,721.62
MW-11	09/28/11			88.36		3,720.76
MW-12	02/23/06	WELL INSTALLED 2/23/06 TD=90.83				
MW-12	03/01/06	3,809.63		77.60		3,732.03
MW-12	05/25/06			78.68		3,730.95



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 (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
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
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



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	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-12	09/21/10		86.08	90.90	4.82	3,722.93
MW-12	12/17/10		86.15	88.25	2.10	3,723.31
MW-12	03/25/11		85.86	90.70	4.84	3,723.15
MW-12	06/22/11		87.73	90.59	2.86	3,721.61
MW-12	09/28/11		88.00	90.85	2.85	3,721.34
MW-12A	04/28/11	WELL INSTALLED 4/28/11 (TD-108.60')				
MW-12A	05/10/11			86.60		3,722.38
MW-12A	06/22/11			87.32		3,721.66
MW-12A	07/06/11	3,808.98				
MW-12A	09/28/11			88.18		3,720.80
MW-13	02/22/06	WELL INSTALLED 2/22/06 (TD-88.86)				
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



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	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
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-13	09/21/10			86.64		3,722.95
MW-13	12/17/10			86.27		3,723.32
MW-13	03/25/11			86.46		3,723.13
MW-13	06/22/11			87.68		3,721.91
MW-13	09/28/11			88.59		3,721.00
MW-14	02/21/06	WELL INSTALLED 2/21/06 (TD-87.95)				
MW-14	03/01/06	3,809.46		77.31		3,732.15
MW-14	05/25/06			78.29		3,731.17



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	08/14/06			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
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



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	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-14	09/21/10			86.47		3,723.16
MW-14	12/17/10			86.27		3,723.36
MW-14	03/25/11			86.30		3,723.33
MW-14	06/22/11			87.45		3,722.18
MW-14	09/28/11			88.43		3,721.20
MW-15	02/22/06	WELL INSTALLED 2/22/06 (TD-92.21)				
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
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



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	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-15	09/21/10			86.60		3,724.33
MW-15	12/17/10			87.41		3,723.52
MW-15	03/25/11			87.42		3,723.51
MW-15	06/22/11			88.57		3,722.36
MW-15	09/28/11			89.55		3,721.38
MW-16	02/23/06	WELL INSTALLED 2/23/06 (TD-91.23)				
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



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	03/06/07			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
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-16	09/21/10			88.78		3,723.45
MW-16	12/17/10			88.61		3,723.62



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	03/25/11			88.75		3,723.48
MW-16	06/22/11			89.72		3,722.51
MW-16	09/28/11			90.71		3,721.52
MW-17	02/23/06	WELL INSTALLED 2/23/06 (TD-91.00)				
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
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



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	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-17	06/09/10			85.92		3,724.65
MW-17	09/21/10			87.13		3,723.44
MW-17	12/17/10			86.95		3,723.62
MW-17	03/25/11			87.05		3,723.52
MW-17	06/22/11			88.00		3,722.57
MW-17	09/28/11			88.98		3,721.59
MW-18	03/18/08	WELL INSTALLED 3/18/08 (TD-90.05)				
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



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-18	02/18/10			84.67		3,724.61
MW-18	06/09/10			85.36		3,723.92
MW-18	09/21/10			86.60		3,722.68
MW-18	12/17/10			86.18		3,723.10
MW-18	03/25/11			86.53		3,722.75
MW-18	06/22/11			87.89		3,721.39
MW-18	09/28/11			88.71		3,720.57

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

NS = Not Surveyed

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
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-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-1A	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1A	12/17/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1A	03/25/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1A	06/22/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1A	09/28/11	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				



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-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				
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-2	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	12/17/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	03/25/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	06/22/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	09/28/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2A	04/28/11	Well Installed				
MW-2A	06/22/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2A	09/28/11	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				



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-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				
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-3	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	12/17/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	03/25/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	06/22/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	09/28/11	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				



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-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-4	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	12/17/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	03/25/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	06/22/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	09/28/11	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
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				



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-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-5	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	12/17/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	03/25/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	06/22/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	09/28/11	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
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-6	09/22/10	0.157	0.01800	<0.00500	<0.00500	0.175



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	12/17/10	0.0814	<0.00500	<0.00500	<0.00500	0.0814
MW-6	03/25/11	0.2280	0.0573	<0.00500	0.1060	0.3913
MW-6	06/22/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-6	09/28/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
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-7	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	12/17/10	Not Sampled Due to Insufficient Water				
MW-7	03/25/11	Not Sampled Due to Insufficient Water				
MW-7	03/26/11	Well Plugged				
MW-7A	04/19/11	Well Installed				
MW-7A	06/22/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7A	09/28/11	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-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				
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 Insufficient Water				
MW-8	08/25/09	Not Sampled Due to Insufficient Water				
MW-8	12/11/09	Not Sampled Due to Insufficient Water				
MW-8	02/18/10	Not Sampled Due to Insufficient Water				
MW-8	06/09/10	Not Sampled Due to Insufficient Water				
MW-8	09/22/10	Not Sampled Due to Insufficient Water				
MW-8	12/17/10	Not Sampled Due to Insufficient Water				
MW-8	03/25/11	Not Sampled Due to Insufficient Water				
MW-8	03/26/11	Well Plugged				
MW-8A	04/19/11	Well Installed				
MW-8A	06/23/11	0.0354	0.0236	0.00260	0.0132	0.075
MW-8A	09/29/11	0.1860	0.0586	0.00540	0.019	0.269
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



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-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
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-9	09/22/10	0.03850	<0.00100	<0.00100	<0.00100	0.03850
MW-9	12/17/10	0.00700	<0.00100	<0.00100	<0.00100	0.00700
MW-9	03/25/11	0.05330	<0.00100	<0.00100	0.0219	0.07520
MW-9	06/22/11	Not Sampled Due to Insufficient Water				
MW-9	09/28/11	Not Sampled Due to Insufficient Water				
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



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-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-10	09/22/10	Not Sampled Due to Insufficient Water				
MW-10	12/17/10	0.01920	<0.00100	<0.00100	<0.00100	0.01920
MW-10	03/25/11	0.02110	0.0100	0.00660	0.0229	0.06060
MW-10	06/22/11	Not Sampled				
MW-10	09/28/11	Not Sampled Due to Insufficient Water				
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
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



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-11	09/22/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	12/17/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	03/25/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	06/22/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	09/28/11	<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-12	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	12/17/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	03/25/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	06/22/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	09/28/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12A	04/28/11	Well Installed				
MW-12A	06/23/11	31.9	2.11	1.32	2.40	37.73
MW-12A	09/29/11	13.9	0.14	0.26	0.25	14.559
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



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-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
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-13	09/22/10	0.0507	<0.00100	<0.00100	0.00410	0.0548
MW-13	12/17/10	0.0908	<0.00100	<0.00100	0.03020	0.1210
MW-13	03/25/11	0.1680	0.00760	<0.00100	0.04470	0.2203
MW-13	06/22/11	0.2460	<0.00100	0.00240	0.0230	0.2714
MW-13	09/28/11	Not Sampled Due to Insufficient Water				
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



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-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-14	09/22/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	12/17/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	03/25/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	06/22/11	0.00760	<0.00100	<0.00100	0.0021	0.00970
MW-14	09/28/11	Not Sampled Due to Insufficient Water				
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
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-15	09/22/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	12/17/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	03/25/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	06/22/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	09/28/11	<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



TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCDF. # 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-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
MW-16	09/22/10	0.0937	<0.00100	<0.00100	0.00250	0.0962
MW-16	12/17/10	0.0127	<0.00100	<0.00100	0.00810	0.0208
MW-16	03/25/11	0.0623	0.00800	0.00830	0.02160	0.1002
MW-16	06/22/11	0.3440	0.00780	0.00960	0.02090	0.3823
MW-16	09/28/11	7.15	0.110	0.152	0.265	7.6770
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



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	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-17	09/22/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-17	12/17/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-17	03/25/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-17	06/22/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-17	09/28/11	<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
MW-18	09/22/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	12/17/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	03/25/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	06/22/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	09/28/11	<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

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

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

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

Report Date: September 30, 2011

Work Order: 11092906



Project Location: Cayler, NM
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
278577	MW-11	water	2011-09-28	14:45	2011-09-28
278578	MW-15	water	2011-09-28	14:00	2011-09-28
278579	MW-16	water	2011-09-28	13:42	2011-09-28
278580	MW-17	water	2011-09-28	13:40	2011-09-28
278581	MW-18	water	2011-09-28	14:20	2011-09-28

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.

Michael Abel

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

Report Contents

Case Narrative	4
Analytical Report	5
Sample 278577 (MW-11)	5
Sample 278578 (MW-15)	5
Sample 278579 (MW-16)	6
Sample 278580 (MW-17)	6
Sample 278581 (MW-18)	6
Method Blanks	8
QC Batch 85129 - Method Blank (1)	8
Laboratory Control Spikes	9
QC Batch 85129 - LCS (1)	9
QC Batch 85129 - MS (1)	9
Calibration Standards	11
QC Batch 85129 - CCV (2)	11
QC Batch 85129 - CCV (3)	11
Appendix	12
Laboratory Certifications	12
Standard Flags	12
Attachments	12

Case Narrative

Samples for project were received by TraceAnalysis, Inc. on 2011-09-28 and assigned to work order 11092906. Samples for work order 11092906 were received intact without headspace and at a temperature of 5.5 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	72276	2011-09-29 at 13:23	85129	2011-09-29 at 13:23
Total BTEX	S 8021B	72276	2011-09-29 at 13:23	85129	2011-09-29 at 13:23

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 11092906 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: September 30, 2011
700376.049.01

Work Order: 11092906

Page Number: 5 of 12
Cayler, NM

Analytical Report

Sample: 278577 - MW-11

Laboratory: Lubbock

Analysis: BTEX, Total BTEX

QC Batch: 85129

Prep Batch: 72276

Analytical Method: S 8021B

Date Analyzed: 2011-09-29

Sample Preparation: 2011-09-29

Prep Method: S 5030B

Analyzed By: ZLM

Prepared By: ZLM

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	u	1	<0.00100	mg/L	1	0.00100
Toluene	u	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	u	1	<0.00100	mg/L	1	0.00100
Xylene	u	1	<0.00100	mg/L	1	0.00100
Total BTEX			<0.00600	mg/L	1	0.00600

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0832	mg/L	1	0.100	83	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0953	mg/L	1	0.100	95	70 - 130

Sample: 278578 - MW-15

Laboratory: Lubbock

Analysis: BTEX, Total BTEX

QC Batch: 85129

Prep Batch: 72276

Analytical Method: S 8021B

Date Analyzed: 2011-09-29

Sample Preparation: 2011-09-29

Prep Method: S 5030B

Analyzed By: ZLM

Prepared By: ZLM

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	u	1	<0.00100	mg/L	1	0.00100
Toluene	u	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	u	1	<0.00100	mg/L	1	0.00100
Xylene	u	1	<0.00100	mg/L	1	0.00100
Total BTEX			<0.00600	mg/L	1	0.00600

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0815	mg/L	1	0.100	82	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0892	mg/L	1	0.100	89	70 - 130

Report Date: September 30, 2011
700376.049.01

Work Order: 11092906

Page Number: 6 of 12
Cayler, NM

Sample: 278579 - MW-16

Laboratory: Lubbock

Analysis: BTEX, Total BTEX

QC Batch: 85129

Prep Batch: 72276

Analytical Method: S 8021B

Date Analyzed: 2011-09-29

Sample Preparation: 2011-09-29

Prep Method: S 5030B

Analyzed By: ZLM

Prepared By: ZLM

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	7.15	mg/L	50	0.00100
Toluene		1	0.110	mg/L	50	0.00100
Ethylbenzene		1	0.152	mg/L	50	0.00100
Xylene		1	0.265	mg/L	50	0.00100
Total BTEX			7.68	mg/L	1	0.00600

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.73	mg/L	50	5.00	95	70 - 130
4-Bromofluorobenzene (4-BFB)			4.86	mg/L	50	5.00	97	70 - 130

Sample: 278580 - MW-17

Laboratory: Lubbock

Analysis: BTEX, Total BTEX

QC Batch: 85129

Prep Batch: 72276

Analytical Method: S 8021B

Date Analyzed: 2011-09-29

Sample Preparation: 2011-09-29

Prep Method: S 5030B

Analyzed By: ZLM

Prepared By: ZLM

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	u	1	<0.00100	mg/L	1	0.00100
Toluene	u	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	u	1	<0.00100	mg/L	1	0.00100
Xylene	u	1	<0.00100	mg/L	1	0.00100
Total BTEX			<0.00600	mg/L	1	0.00600

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0877	mg/L	1	0.100	88	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0974	mg/L	1	0.100	97	70 - 130

Report Date: September 30, 2011
700376.049.01

Work Order: 11092906

Page Number: 7 of 12
Cayler, NM

Sample: 278581 - MW-18

Laboratory: Lubbock

Analysis: BTEX, Total BTEX

QC Batch: 85129

Prep Batch: 72276

Analytical Method: S 8021B

Date Analyzed: 2011-09-29

Sample Preparation: 2011-09-29

Prep Method: S 5030B

Analyzed By: ZLM

Prepared By: ZLM

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	u	1	<0.00100	mg/L	1	0.00100
Toluene	u	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	u	1	<0.00100	mg/L	1	0.00100
Xylene	u	1	<0.00100	mg/L	1	0.00100
Total BTEX			<0.00600	mg/L	1	0.00600

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0882	mg/L	1	0.100	88	70 - 130
4-Bromofluorobenzene (4-BFB)			0.101	mg/L	1	0.100	101	70 - 130

Report Date: September 30, 2011
700376.049.01

Work Order: 11092906

Page Number: 8 of 12
Cayler, NM

Method Blanks

Method Blank (1) QC Batch: 85129

QC Batch: 85129
Prep Batch: 72276

Date Analyzed: 2011-09-29
QC Preparation: 2011-09-29

Analyzed By: ZLM
Prepared By: ZLM

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000743	mg/L	0.001
Toluene		1	<0.000671	mg/L	0.001
Ethylbenzene		1	<0.000923	mg/L	0.001
Xylene		1	<0.000838	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0949	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)			0.105	mg/L	1	0.100	105	70 - 130

Report Date: September 30, 2011
700376.049.01

Work Order: 11092906

Page Number: 9 of 12
Cayler, NM

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 85129
Prep Batch: 72276

Date Analyzed: 2011-09-29
QC Preparation: 2011-09-29

Analyzed By: ZLM
Prepared By: ZLM

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0907	mg/L	1	0.100	<0.000743	91	70 - 130
Toluene		1	0.0945	mg/L	1	0.100	<0.000671	94	70 - 130
Ethylbenzene		1	0.102	mg/L	1	0.100	<0.000923	102	70 - 130
Xylene		1	0.309	mg/L	1	0.300	<0.000838	103	70 - 130

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0949	mg/L	1	0.100	<0.000743	95	70 - 130	4	20
Toluene		1	0.0939	mg/L	1	0.100	<0.000671	94	70 - 130	1	20
Ethylbenzene		1	0.0977	mg/L	1	0.100	<0.000923	98	70 - 130	4	20
Xylene		1	0.291	mg/L	1	0.300	<0.000838	97	70 - 130	6	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)	0.0795	0.0884	mg/L	1	0.100	80	88	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0955	0.101	mg/L	1	0.100	96	101	70 - 130

Matrix Spike (MS-1) Spiked Sample: 278534

QC Batch: 85129
Prep Batch: 72276

Date Analyzed: 2011-09-29
QC Preparation: 2011-09-29

Analyzed By: ZLM
Prepared By: ZLM

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0961	mg/L	1	0.100	<0.000743	96	70 - 130
Toluene		1	0.0958	mg/L	1	0.100	<0.000671	96	70 - 130
Ethylbenzene		1	0.0980	mg/L	1	0.100	<0.000923	98	70 - 130
Xylene		1	0.297	mg/L	1	0.300	<0.000838	99	70 - 130

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

Report Date: September 30, 2011
700376.049.01

Work Order: 11092906

Page Number: 10 of 12
Cayler, NM

Param	F	C	MSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
			Result	Units							
Benzene		1	0.0944	mg/L	1	0.100	<0.000743	94	70 - 130	2	20
Toluene		1	0.0961	mg/L	1	0.100	<0.000671	96	70 - 130	0	20
Ethylbenzene		1	0.101	mg/L	1	0.100	<0.000923	101	70 - 130	3	20
Xylene		1	0.308	mg/L	1	0.300	<0.000838	103	70 - 130	4	20

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

Surrogate	MS		MSD		Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
	Result	Result	Result	Result						
Trifluorotoluene (TFT)	0.0884	0.0884	0.0845	0.0845	mg/L	1	0.1	88	84	70 - 130
4-Bromofluorobenzene (4-BFB)	0.103	0.103	0.105	0.105	mg/L	1	0.1	103	105	70 - 130

Report Date: September 30, 2011
700376.049.01

Work Order: 11092906

Page Number: 11 of 12
Cayler, NM

Calibration Standards

Standard (CCV-2)

QC Batch: 85129

Date Analyzed: 2011-09-29

Analyzed By: ZLM

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0991	99	80 - 120	2011-09-29
Toluene		1	mg/L	0.100	0.0992	99	80 - 120	2011-09-29
Ethylbenzene		1	mg/L	0.100	0.103	103	80 - 120	2011-09-29
Xylene		1	mg/L	0.300	0.290	97	80 - 120	2011-09-29

Standard (CCV-3)

QC Batch: 85129

Date Analyzed: 2011-09-29

Analyzed By: ZLM

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0933	93	80 - 120	2011-09-29
Toluene		1	mg/L	0.100	0.0950	95	80 - 120	2011-09-29
Ethylbenzene		1	mg/L	0.100	0.0984	98	80 - 120	2011-09-29
Xylene		1	mg/L	0.300	0.297	99	80 - 120	2011-09-29

Appendix

Laboratory Certifications

C	Certifying Authority	Certification Number	Laboratory Location
-	NCTRCA	WFWB384444Y0909	TraceAnalysis
-	DBE	VN 20657	TraceAnalysis
-	HUB	1752439743100-86536	TraceAnalysis
-	WBE	237019	TraceAnalysis
1	NELAP	T104704219-11-4	Lubbock

Standard Flags

F	Description
B	Analyte detected in the corresponding method blank above the method detection limit
H	Analyzed out of hold time
J	Estimated concentration
Jb	The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL.
Je	Estimated concentration exceeding calibration range.
Qc	Calibration check outside of laboratory limits.
Qr	RPD outside of laboratory limits
Qs	Spike recovery outside of laboratory limits.
Qsr	Surrogate recovery outside of laboratory limits.
U	The analyte is not detected above the SDL

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

TraceAnalysis, Inc.

email: lab@traceanalysis.com

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Carrollton, Texas 75006
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Company Name:

Phone #:

Address:

(Street, City, Zip)

Fax #:

2901 State HWY 349 Midland 79701

Contact Person:

E-mail:

Steve Killingworth skillingworth@talonpc.com

Invoice to:

(If different from above)

Project #:

700376, 049.01

Project Name:

CS Canyon

Project Location (including state):

Hobbs NM

Sampler Signature:

B. S. Canyon

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
278577	MW11	3	400	X				X				X		9/28	1445
578	MW15	1	100	1				1				1		1	1400
579	MW16	1	1342	1				1				1		1	1342
580	MW17	1	1340	1				1				1		1	1340
581	MW14	1	1420	1				1				1		1	1420
												</			

ANALYSIS REQUEST

(Circle or Specify Method No.)

MTBE 8021 / 602 / 8260 / 624	X
BTEX 8021 / 602 / 8260 / 624	
TPH 418.1 / TX1005 / TX1005 Ext(C35)	
TPH 8015 GRO / DRO / TVHC	
PAH 8270 / 625	
Total Metals Ag As Ba Cd Cr Pb Se Hg 6010/200.7	
TCLP Metals Ag As Ba Cd Cr Pb Se Hg	
TCLP Volatiles	
TCLP Semi Volatiles	
TCLP Pesticides	
RCI	
GC/MS Vol. 8260 / 624	
GC/MS Semi. Vol. 8270 / 625	
PCBs 8082 / 608	
Pesticides 8081 / 608	
BOD, TSS, pH	
Moisture Content	
Cl, F, SO ₄ , NO ₃ -N, NO ₂ -N, PO ₄ -P, Alkalinity	
Na, Ca, Mg, K, TDS, EC	
Turn Around Time if different from standard	

LAB USE ONLY

REMARKS:

oil

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST:	Time:	INST:	Time:	INST:	Time:
Steve Killingworth	Talon PC	9/28/14	1705	Steve Killingworth	Talon PC	9/28/14	1705	OBS 4.9°	9/28/14	OBS 4.9°	9/28/14	OBS 4.9°	9/28/14
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST:	Time:	INST:	Time:	INST:	Time:
								OBS 4.9°		OBS 4.9°		OBS 4.9°	
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST:	Time:	INST:	Time:	INST:	Time:
								OBS 4.9°		OBS 4.9°		OBS 4.9°	

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

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Carrier #



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Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

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

Report Date: October 4, 2011

Work Order: 11093003



Project Location: Cayler, NM
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
278649	MW-8A	water	2011-09-29	10:57	2011-09-30
278650	MW-12A	water	2011-09-29	11:20	2011-09-30

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 11 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

Report Contents

Case Narrative	3
Analytical Report	4
Sample 278649 (MW-8A)	4
Sample 278650 (MW-12A)	4
Method Blanks	5
QC Batch 85186 - Method Blank (1)	5
QC Batch 85222 - Method Blank (1)	5
Laboratory Control Spikes	6
QC Batch 85186 - LCS (1)	6
QC Batch 85222 - LCS (1)	6
QC Batch 85186 - MS (1)	7
QC Batch 85222 - MS (1)	7
Calibration Standards	9
QC Batch 85186 - CCV (1)	9
QC Batch 85186 - CCV (2)	9
QC Batch 85222 - CCV (1)	9
QC Batch 85222 - CCV (2)	9
Appendix	11
Laboratory Certifications	11
Standard Flags	11
Attachments	11

Case Narrative

Samples for project were received by TraceAnalysis, Inc. on 2011-09-30 and assigned to work order 11093003. Samples for work order 11093003 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	72321	2011-09-30 at 16:30	85186	2011-09-30 at 16:30
BTEX	S 8021B	72355	2011-10-03 at 12:06	85222	2011-10-03 at 12:06
Total BTEX	S 8021B	72321	2011-09-30 at 16:30	85186	2011-09-30 at 16:30
Total BTEX	S 8021B	72355	2011-10-03 at 12:06	85222	2011-10-03 at 12:06

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 11093003 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: October 4, 2011
700376.049.01

Work Order: 11093003

Page Number: 4 of 11
Cayler, NM

Analytical Report

Sample: 278649 - MW-8A

Laboratory: Lubbock

Analysis: BTEX, Total BTEX

QC Batch: 85186

Prep Batch: 72321

Analytical Method: S 8021B

Date Analyzed: 2011-09-30

Sample Preparation: 2011-09-30

Prep Method: S 5030B

Analyzed By: ZLM

Prepared By: ZLM

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr, Qs	1	0.186	mg/L	1	0.00100
Toluene	Qr, Qs	1	0.0586	mg/L	1	0.00100
Ethylbenzene	Qr, Qs	1	0.00540	mg/L	1	0.00100
Xylene	Qr, Qs	1	0.0190	mg/L	1	0.00100
Total BTEX			0.269	mg/L	1	0.00600

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0902	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0996	mg/L	1	0.100	100	70 - 130

Sample: 278650 - MW-12A

Laboratory: Lubbock

Analysis: BTEX, Total BTEX

QC Batch: 85222

Prep Batch: 72355

Analytical Method: S 8021B

Date Analyzed: 2011-10-03

Sample Preparation: 2011-10-03

Prep Method: S 5030B

Analyzed By: ZLM

Prepared By: ZLM

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	13.9	mg/L	100	0.00100
Toluene		1	0.144	mg/L	100	0.00100
Ethylbenzene		1	0.264	mg/L	100	0.00100
Xylene		1	0.251	mg/L	100	0.00100
Total BTEX			14.6	mg/L	100	0.00600

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			9.69	mg/L	100	10.0	97	70 - 130
4-Bromofluorobenzene (4-BFB)			10.1	mg/L	100	10.0	101	70 - 130

Report Date: October 4, 2011
700376.049.01

Work Order: 11093003

Page Number: 5 of 11
Cayler, NM

Method Blanks

Method Blank (1) QC Batch: 85186

QC Batch: 85186
Prep Batch: 72321

Date Analyzed: 2011-09-30
QC Preparation: 2011-09-30

Analyzed By: ZLM
Prepared By: ZLM

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000765	mg/L	0.001
Toluene		1	<0.000719	mg/L	0.001
Ethylbenzene		1	<0.000860	mg/L	0.001
Xylene		1	<0.000942	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.115	mg/L	1	0.100	115	70 - 130
4-Bromofluorobenzene (4-BFB)			0.114	mg/L	1	0.100	114	70 - 130

Method Blank (1) QC Batch: 85222

QC Batch: 85222
Prep Batch: 72355

Date Analyzed: 2011-10-03
QC Preparation: 2011-10-03

Analyzed By: ZLM
Prepared By: ZLM

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000765	mg/L	0.001
Toluene		1	<0.000719	mg/L	0.001
Ethylbenzene		1	<0.000860	mg/L	0.001
Xylene		1	<0.000942	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.114	mg/L	1	0.100	114	70 - 130
4-Bromofluorobenzene (4-BFB)			0.115	mg/L	1	0.100	115	70 - 130

Report Date: October 4, 2011
700376.049.01

Work Order: 11093003

Page Number: 6 of 11
Cayler, NM

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 85186
Prep Batch: 72321

Date Analyzed: 2011-09-30
QC Preparation: 2011-09-30

Analyzed By: ZLM
Prepared By: ZLM

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.118	mg/L	1	0.100	<0.000765	118	70 - 130
Toluene		1	0.0980	mg/L	1	0.100	<0.000719	98	70 - 130
Ethylbenzene		1	0.0920	mg/L	1	0.100	<0.000860	92	70 - 130
Xylene		1	0.282	mg/L	1	0.300	<0.000942	94	70 - 130

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

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.119	mg/L	1	0.100	<0.000765	119	70 - 130	1	20
Toluene		1	0.0989	mg/L	1	0.100	<0.000719	99	70 - 130	1	20
Ethylbenzene		1	0.0931	mg/L	1	0.100	<0.000860	93	70 - 130	1	20
Xylene		1	0.284	mg/L	1	0.300	<0.000942	95	70 - 130	1	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)	0.108	0.108	mg/L	1	0.100	108	108	70 - 130
4-Bromofluorobenzene (4-BFB)	0.104	0.104	mg/L	1	0.100	104	104	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 85222
Prep Batch: 72355

Date Analyzed: 2011-10-03
QC Preparation: 2011-10-03

Analyzed By: ZLM
Prepared By: ZLM

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.118	mg/L	1	0.100	<0.000765	118	70 - 130
Toluene		1	0.0993	mg/L	1	0.100	<0.000719	99	70 - 130
Ethylbenzene		1	0.0956	mg/L	1	0.100	<0.000860	96	70 - 130
Xylene		1	0.290	mg/L	1	0.300	<0.000942	97	70 - 130

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

Report Date: October 4, 2011
700376.049.01

Work Order: 11093003

Page Number: 7 of 11
Cayler, NM

Param	F	C	LCSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
			Result	Units							
Benzene		1	0.116	mg/L	1	0.100	<0.000765	116	70 - 130	2	20
Toluene		1	0.0983	mg/L	1	0.100	<0.000719	98	70 - 130	1	20
Ethylbenzene		1	0.0957	mg/L	1	0.100	<0.000860	96	70 - 130	0	20
Xylene		1	0.288	mg/L	1	0.300	<0.000942	96	70 - 130	1	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)	0.110	0.0997	mg/L	1	0.100	110	100	70 - 130
4-Bromofluorobenzene (4-BFB)	0.105	0.0956	mg/L	1	0.100	105	96	70 - 130

Matrix Spike (MS-1) Spiked Sample: 278648

QC Batch: 85186
Prep Batch: 72321

Date Analyzed: 2011-09-30
QC Preparation: 2011-09-30

Analyzed By: ZLM
Prepared By: ZLM

Param	F	C	MS		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
			Result	Units					
Benzene		1	0.0961	mg/L	1	0.100	<0.000765	96	70 - 130
Toluene		1	0.0799	mg/L	1	0.100	<0.000719	80	70 - 130
Ethylbenzene		1	0.0768	mg/L	1	0.100	<0.000860	77	70 - 130
Xylene		1	0.236	mg/L	1	0.300	<0.000942	79	70 - 130

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

Param	F	C	MSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
			Result	Units							
Benzene	Q _r , Q _s	1	0.0610	mg/L	1	0.100	<0.000765	61	70 - 130	45	20
Toluene	Q _r , Q _s	1	0.0488	mg/L	1	0.100	<0.000719	49	70 - 130	48	20
Ethylbenzene	Q _r , Q _s	1	0.0480	mg/L	1	0.100	<0.000860	48	70 - 130	46	20
Xylene	Q _r , Q _s	1	0.147	mg/L	1	0.300	<0.000942	49	70 - 130	46	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)	0.108	0.103	mg/L	1	0.1	108	103	70 - 130
4-Bromofluorobenzene (4-BFB)	0.104	0.101	mg/L	1	0.1	104	101	70 - 130

Report Date: October 4, 2011
700376.049.01

Work Order: 11093003

Page Number: 8 of 11
Cayler, NM

Matrix Spike (MS-1) Spiked Sample: 278650

QC Batch: 85222
Prep Batch: 72355

Date Analyzed: 2011-10-03
QC Preparation: 2011-10-03

Analyzed By: ZLM
Prepared By: ZLM

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	25.0	mg/L	100	10.0	13.9	111	70 - 130
Toluene		1	9.52	mg/L	100	10.0	0.144	94	70 - 130
Ethylbenzene		1	9.22	mg/L	100	10.0	0.264	90	70 - 130
Xylene		1	27.2	mg/L	100	30.0	0.251	90	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	25.2	mg/L	100	10.0	13.9	113	70 - 130	1	20
Toluene		1	9.69	mg/L	100	10.0	0.144	95	70 - 130	2	20
Ethylbenzene		1	9.46	mg/L	100	10.0	0.264	92	70 - 130	3	20
Xylene		1	27.9	mg/L	100	30.0	0.251	92	70 - 130	2	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)	9.70	9.53	mg/L	100	10	97	95	70 - 130
4-Bromofluorobenzene (4-BFB)	9.07	9.09	mg/L	100	10	91	91	70 - 130

Report Date: October 4, 2011
700376.049.01

Work Order: 11093003

Page Number: 9 of 11
Cayler, NM

Calibration Standards

Standard (CCV-1)

QC Batch: 85186

Date Analyzed: 2011-09-30

Analyzed By: ZLM

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.117	117	80 - 120	2011-09-30
Toluene		1	mg/L	0.100	0.0962	96	80 - 120	2011-09-30
Ethylbenzene		1	mg/L	0.100	0.0902	90	80 - 120	2011-09-30
Xylene		1	mg/L	0.300	0.277	92	80 - 120	2011-09-30

Standard (CCV-2)

QC Batch: 85186

Date Analyzed: 2011-09-30

Analyzed By: ZLM

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.111	111	80 - 120	2011-09-30
Toluene		1	mg/L	0.100	0.0961	96	80 - 120	2011-09-30
Ethylbenzene		1	mg/L	0.100	0.0913	91	80 - 120	2011-09-30
Xylene		1	mg/L	0.300	0.278	93	80 - 120	2011-09-30

Standard (CCV-1)

QC Batch: 85222

Date Analyzed: 2011-10-03

Analyzed By: ZLM

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.120	120	80 - 120	2011-10-03
Toluene		1	mg/L	0.100	0.0989	99	80 - 120	2011-10-03
Ethylbenzene		1	mg/L	0.100	0.0953	95	80 - 120	2011-10-03
Xylene		1	mg/L	0.300	0.290	97	80 - 120	2011-10-03

Report Date: October 4, 2011
700376.049.01

Work Order: 11093003

Page Number: 10 of 11
Cayler, NM

Standard (CCV-2)

QC Batch: 85222

Date Analyzed: 2011-10-03

Analyzed By: ZLM

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.116	116	80 - 120	2011-10-03
Toluene		1	mg/L	0.100	0.0967	97	80 - 120	2011-10-03
Ethylbenzene		1	mg/L	0.100	0.0922	92	80 - 120	2011-10-03
Xylene		1	mg/L	0.300	0.281	94	80 - 120	2011-10-03

Appendix

Laboratory Certifications

C	Certifying Authority	Certification Number	Laboratory Location
-	NCTRCA	WFWB384444Y0909	TraceAnalysis
-	DBE	VN 20657	TraceAnalysis
-	HUB	1752439743100-86536	TraceAnalysis
-	WBE	237019	TraceAnalysis
1	NELAP	T104704219-11-4	Lubbock

Standard Flags

F	Description
B	Analyte detected in the corresponding method blank above the method detection limit
H	Analyzed out of hold time
J	Estimated concentration
Jb	The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL.
Je	Estimated concentration exceeding calibration range.
Qc	Calibration check outside of laboratory limits.
Qr	RPD outside of laboratory limits
Qs	Spike recovery outside of laboratory limits.
Qsr	Surrogate recovery outside of laboratory limits.
U	The analyte is not detected above the SDL

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.



PLAINS
PIPELINE, L.P.

August 11, 2011

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

RECEIVED OCO
2011 AUG 22 P 12

Dear Mr. Hansen:

Plains Pipeline, L.P. is pleased to submit the attached Quarterly Report, dated August 10, 2011, 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 2011.

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

Sincerely,

Jason Henry
Remediation Coordinator
Plains Pipeline, L.P.

CC: Geoffrey R. Leking, NMOCD, Hobbs Office

Enclosure



August 10, 2011

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

AMARILLO
921 North Bivins
Amarillo, Texas 79107
Phone 806.467.0607
Fax 806.467.0622

AUSTIN
911 West Anderson Lane
Suite 202
Austin, Texas 78757
Phone 512.989.3428
Fax 512.989.3487

MIDLAND
2901 State Highway 349
Midland, Texas 79706
Phone 432.522.2133
Fax 432.522.2180

SAN ANTONIO
11 Commercial Place
Schertz, Texas 78154
Phone 210.265.8025
Fax 210.568.2191

TULSA
525 South Main Street
Suite 535
Tulsa, Oklahoma 74103
Phone 918.742.0871
Fax 918.382.0232

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

ARTESIA
408 W. Texas Ave.
Artesia, New Mexico 88210
Phone 575.746.8768
Fax 505.746.8905

ENVIRONMENTAL CONSULTING
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Toll Free: 866.742.0742
www.talonlpe.com

Re: Plains Pipeline, L.P. C.S. Cayler (Plains SRS #2002-10250)
Second Quarter 2011 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

RECEIVED OOD
2011 AUG 22 P 12:55

Dear Mr. Hansen:

Talon/LPE (Talon) is submitting this letter report on behalf of Plains Pipeline, L.P. (Plains) that summarizes the second quarter 2011 groundwater monitoring activities.

Remediation Activities

During the second quarter of 2011, two (2) specific gravity skimmers with bladder pumps were in operation in monitor wells MW-7A and MW-12 and four (4) total fluids pumps were in operation in monitor wells MW-1A, MW-2A, MW-4 and MW-5. 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 inspected and 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 located 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 2,058 barrels of water of which, 1,191 barrels of water was either transferred by pump to the Rocky Smith saltwater disposal facility or disposed by vacuum truck. Approximately 76 barrels of crude oil was recovered by the system and 41 barrels of oil was in the recovery tank at the end of the quarter.

Second Quarter Groundwater Monitoring Event

The second quarter 2011 groundwater monitoring event was conducted on June 22 and 23, 2011. Prior to the event, the PSH recovery system was shut-down and the recovery pumps were pulled in order to allow the potentiometric surface to stabilize. During the groundwater monitoring event, all monitor wells were measured with an interface probe to determine static water levels and PSH thicknesses if present. Groundwater samples were collected from nine (9) monitor wells (MW-8A, MW-11, MW-12A 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-6, MW-7A, and MW-12 due to the presence of PSH. A groundwater sample was not collected from monitor wells MW-9 because it was dry.

Results of the Groundwater Monitoring Event

Data collected from the June 2011 groundwater monitoring event exhibited the following results:

- Benzene concentrations ranged from <0.00100 mg/L to 31.9 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-8A, MW-12A, MW-13, MW-13 and MW-16.
- Toluene concentrations ranged from <0.00100 mg/L to 2.11 mg/L. The toluene concentration exceeded the NMWQCC remediation threshold of 0.750 mg/L in the groundwater sample collected from monitor well MW-12A.
- Ethylbenzene concentrations ranged from <0.00100 mg/L to 1.32 mg/L. The ethylbenzene concentration exceeded the NMWQCC remediation threshold of 0.750 mg/L in the groundwater sample collected from monitor well MW-12A.
- Total xylene concentrations ranged from <0.00100 mg/L to 2.40 mg/L. The total xylene concentration exceeded the NMWQCC remediation threshold of 0.620 mg/L in the groundwater sample collected from monitor well MW-12A.
- Dissolved-phase concentrations exhibited slight increases in total BTEX in monitor wells MW-13, MW-14 and MW-16. Down-gradient monitor wells MW-11 and MW-18 remained non-detect. The dissolved-phase plume is currently delineated and stable.
- PSH thicknesses typically fluctuate from quarter to quarter but have declined overall since PSH recovery operations were initiated. For the second quarter, PSH thicknesses exhibited moderate declines in all impacted monitor wells by an average of 2.40-feet with the largest decline in MW-4 of 3.3-ft. A first appearance of PSH occurred in MW-6 during the second quarter of 0.12-ft.
- Data collected from groundwater monitoring event indicated an average decline in groundwater levels of 1.18-ft. Monitor well MW-9 gauged dry for the first time. The decline appears to be associated with a regional declining trend in Ogallala groundwater levels.

Additional Actions Performed

- Total fluids pump were installed in monitor well MW-2A and MW-4.
- A skimmer with bladder pump was installed in monitor well MW-7A.

- Monitor wells MW-2A and MW-12A were drilled and completed as replacement wells because groundwater levels had declined in monitor wells MW-2 and MW-12 to a level that interfered with the efficiency of the pumps installed in those wells. A skimmer and bladder pump was not moved from monitor well MW-12 to MW-12A because MW-12A has not exhibited impact from PSH to date.

Recommendations

- If groundwater levels continue to decline and not be detected in monitor well MW-9, then that well should be plugged and abandoned and replaced.

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

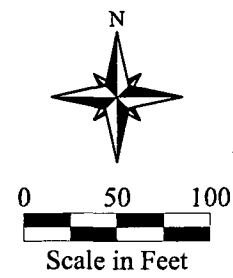
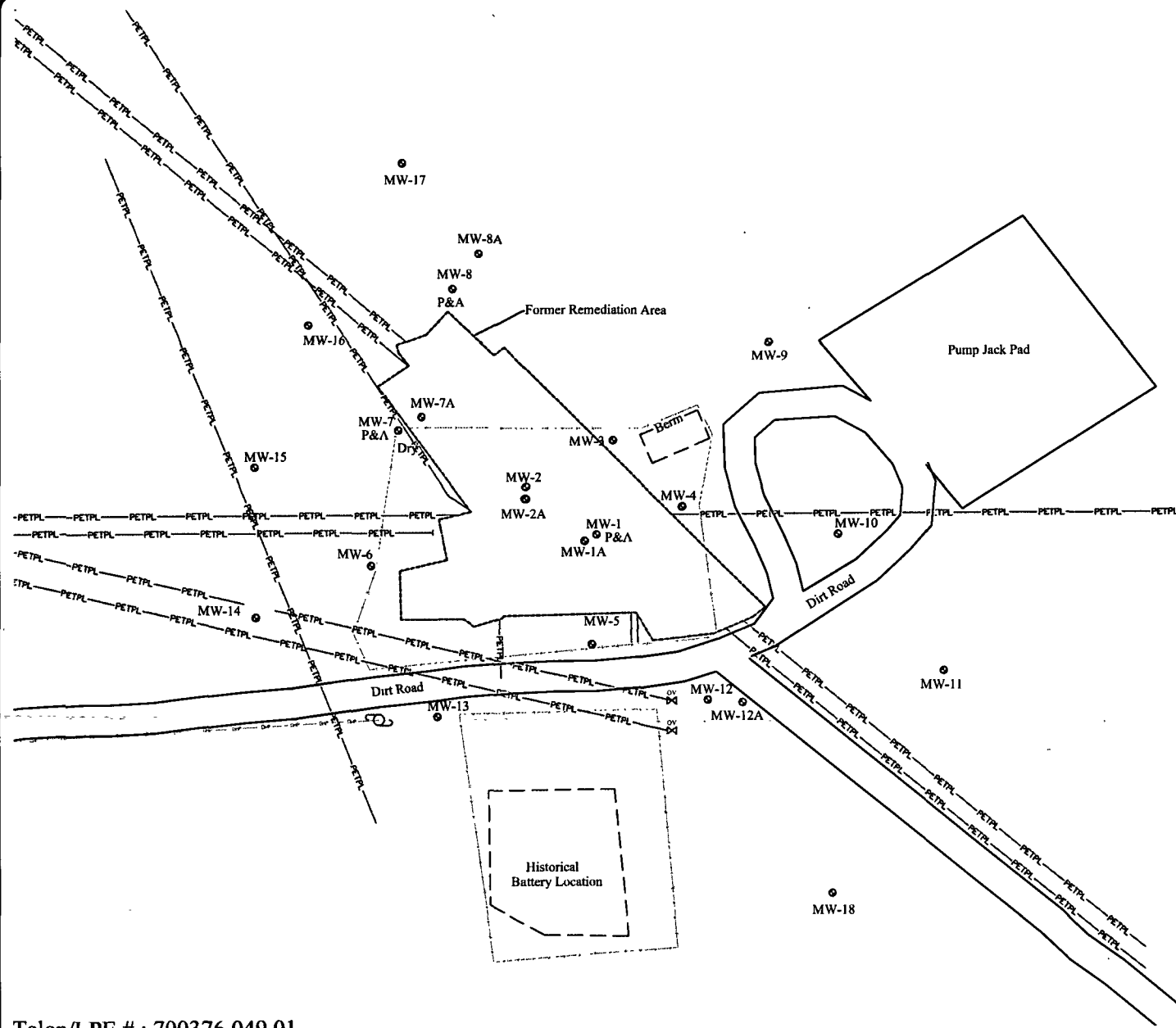
Appendix A

Figures

Figure 1 - Site Layout and Monitor Well Location Map

Figure 2 - Groundwater Gradient Map - 06/22/2011

Figure 3 – PSH Distribution and Groundwater Concentration Map – 06/22-23/2011



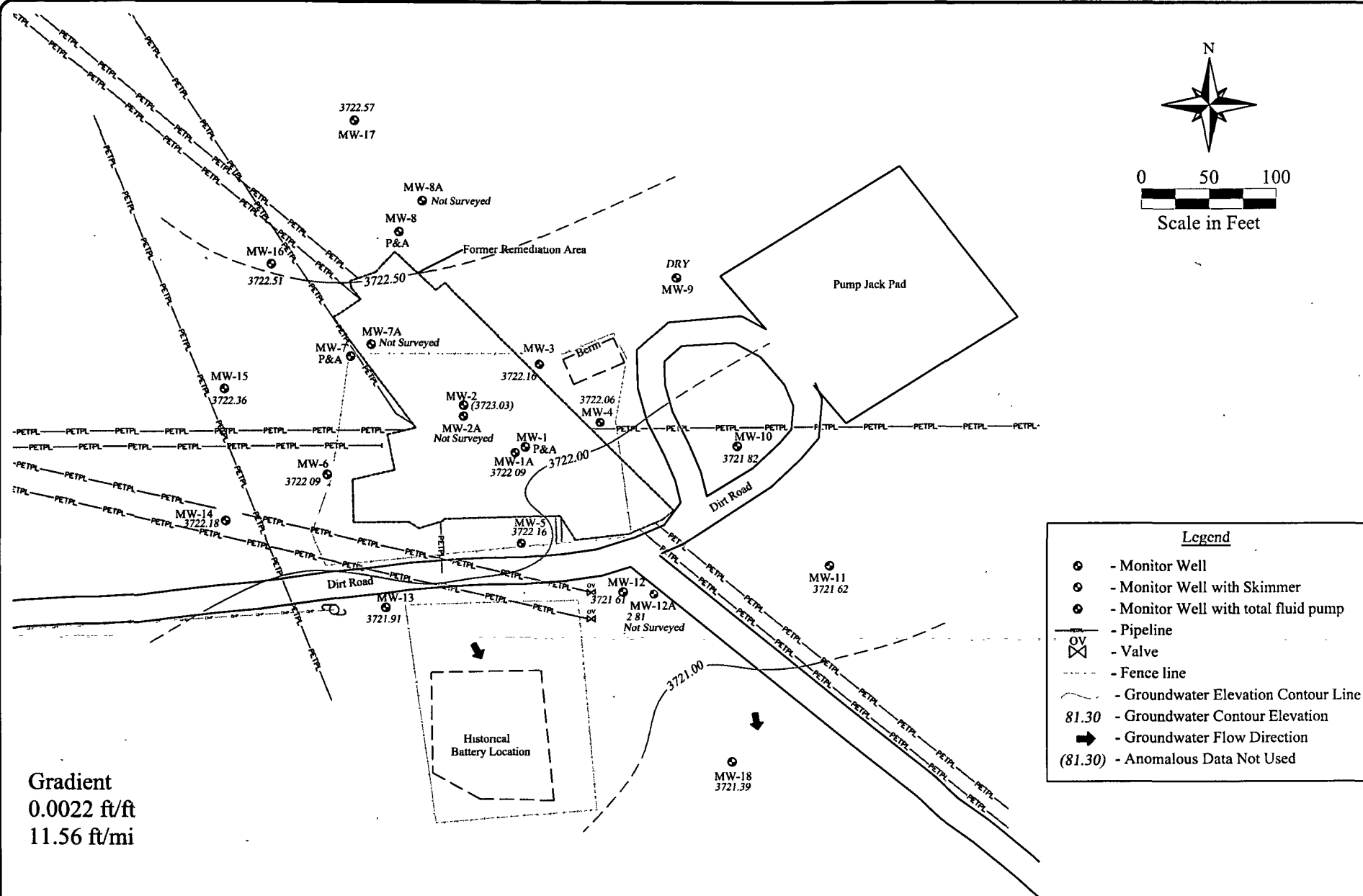
- Legend**
- - Monitor Well
 - ⊙ - Monitor Well with Skimmer
 - ⊕ - Monitor Well with total fluid pump
 - PETPL — Pipeline
 - ⊗ - Valve
 - - - - - Fence line
 - ~ ~ ~ ~ ~ Contour Line
 - 2.0' - PSH Plume Thickness

Talon/LPE # : 700376.049.01



Date: 04/08/2011
Scale: 1" = 100'
Drawn By: TJS

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

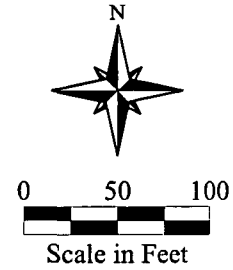
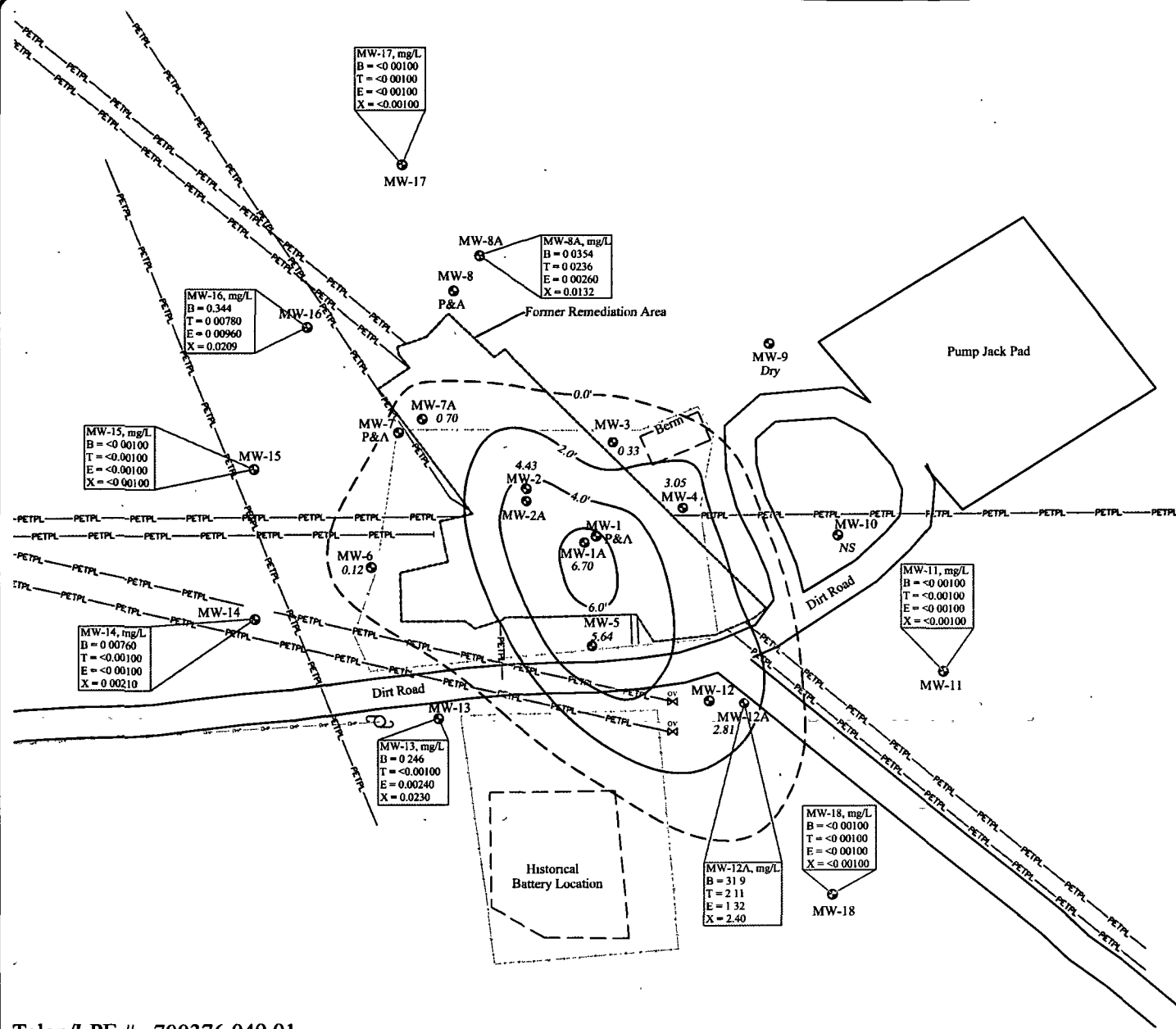


Date: 07/07/2011

Scale: 1" = 100'

Drawn By: TJS

C.S. Cayler
SRS # 2002-10250, NMOCD REF. # AP-052 (OLD 1R-0382)
Lea County, New Mexico
Figure 2b - Groundwater Gradient Map, (06/27/2011)



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

Talon/LPE # : 700376.049.01



Date: 07/07/2011
 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, (06/27/2011)

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 TD=96.20				
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



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	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-1A	06/09/10		84.95	93.02	8.07	3,723.86
MW-1A	09/21/10		86.04	93.13	7.09	3,722.93
MW-1A	12/17/10		88.92	91.52	2.60	3,720.79
MW-1A	03/25/11		85.85	92.40	6.55	3,723.21
MW-1A	06/22/11		86.94	93.64	6.70	3,722.09
MW-2	05/28/04	WELL INSTALLED 5/28/04 TD=88.10				
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



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	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
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



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	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
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	ND		
MW-2	09/21/10		NM - Pump Stuck			
MW-2	12/17/10		NM - Pump Stuck			
MW-2	03/25/11		82.45	88.10	5.65	3,724.00
MW-2	06/22/11		83.62	88.05	4.43	3,723.03
MW-2A	04/28/11	WELL INSTALLED 28-April-11 TD=109.32'				
	05/10/11	NS		87.44		NS
	06/22/11	NS	88.00	88.26	0.26	NS
MW-3	05/31/04	WELL INSTALLED 31-May-04 TD=93.53				
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



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	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
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



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	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
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



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	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-3	09/21/10		NM - Pump Stuck			
MW-3	12/17/10		86.56	89.21	2.65	3,723.36
MW-3	03/25/11		86.55	89.60	3.05	3,723.31
MW-3	06/22/11		88.15	88.48	0.33	3,722.16
MW-4	06/01/04	WELL INSTALLED 01-Jun-04 TD=93.16				
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
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



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-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
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



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-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-4	09/21/10		87.13	92.72	5.59	3,722.76
MW-4	12/17/10		87.32	89.22	1.90	3,723.18
MW-4	03/25/11		86.40	92.75	6.35	3,723.36
MW-4	06/22/11		88.25	91.30	3.05	3,722.06
MW-5	06/05/04	WELL INSTALLED 05-Jun-04 TD=93.41				
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



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-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
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



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-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
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-5	09/21/10		84.95	92.82	7.87	3,723.04
MW-5	12/17/10		85.42	87.87	2.45	3,723.47



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-5	03/25/11		84.70	92.68	7.98	3,723.27
MW-5	06/22/11		86.25	91.89	5.64	3,722.11
MW-6	10/21/04	WELL INSTALLED 21-Oct-04 (TD-88.31)				
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
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



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-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-6	09/21/10			86.25		3,723.08
MW-6	12/17/10			85.92		3,723.41
MW-6	03/25/11			86.04		3,723.29
MW-6	06/22/11		87.22	87.34	0.12	3,722.09
MW-7	10/21/04	WELL INSTALLED 21-Oct-04 (TD-84.71)				
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



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	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		
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*		



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	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-7	09/21/10		ND	DRY		
MW-7	12/17/10		ND	DRY		
MW-7	03/25/11		ND	DRY		
MW-7	03/26/11	WELL Plugged & Abandoned 26-March-11				
MW-7A	04/19/11	WELL INSTALLED 19-April-11 (TD-101.21')				
MW-7A	05/13/11	NS	87.67	88.27	0.60	NS



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-7A	06/22/11		88.20	88.90	0.70	NS
MW-8	10/20/04	WELL INSTALLED 20-Oct-04 (TD-84.55)				
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
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		



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	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*		
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



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	06/10/09		ND	DRY		
MW-8	08/25/09		ND	DRY		
MW-8	12/10/09		ND	DRY		
MW-8	01/08/10		ND	DRY		
MW-8	02/18/10		ND	DRY		
MW-8	06/09/10		ND	DRY		
MW-8	09/21/10		ND	DRY		
MW-8	12/17/10		ND	DRY		
MW-8	03/25/11		ND	DRY		
MW-8	03/26/11	WELL Plugged & Abandoned 26-April-11				
MW-8A	04/20/11	WELL INSTALLED 20-April-11 (TD-102.67')				
MW-8A	05/13/11	NS		87.29		NS
MW-8A	06/22/11			88.33		
MW-9	10/19/04	WELL INSTALLED 19-Oct-04 (TD-86.80)				
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



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	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
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



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	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-9	09/21/10			86.86		3,723.12
MW-9	12/17/10			86.64		3,723.34
MW-9	03/25/11			86.78		3,723.20
MW-9	06/22/11		ND	DRY		NA
MW-10	10/20/04	WELL INSTALLED 20-Oct-04 (TD-86.98)				
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



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	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
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-10	09/21/10			DRY		
MW-10	12/17/10			86.54		3,723.25
MW-10	03/25/11			86.76		3,723.03
MW-10	06/22/11			87.97		3,721.82



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 (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
MW-11	02/21/06	WELL INSTALLED 2/21/06 (TD-89.10)				
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
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



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	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-11	09/21/10			86.30		3,722.82
MW-11	12/17/10			85.94		3,723.18
MW-11	03/25/11			86.19		3,722.93
MW-11	06/22/11			87.50		3,721.62
MW-12	02/23/06	WELL INSTALLED 2/23/06 TD=90.83				
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



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	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-12	09/21/10		86.08	90.90	4.82	3,722.93
MW-12	12/17/10		86.15	88.25	2.10	3,723.31
MW-12	03/25/11		85.86	90.70	4.84	3,723.15
MW-12	06/22/11		87.73	90.59	2.86	3,721.61
MW-12A	04/28/11	WELL INSTALLED 4/28/11 (TD-108.60')				
MW-12A	05/10/11	NM		86.60		NM
MW-12A	06/22/11			87.32		NM
MW-13	02/22/06	WELL INSTALLED 2/22/06 (TD-88.86)				
MW-13	03/01/06	3,809.42		77.33		3,732.09



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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-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
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



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	08/25/09			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-13	06/09/10			85.36		3,724.23
MW-13	09/21/10			86.64		3,722.95
MW-13	12/17/10			86.27		3,723.32
MW-13	03/25/11			86.46		3,723.13
MW-13	06/22/11			87.68		3,721.91
MW-14	02/21/06	WELL INSTALLED 2/21/06 (TD-87.95)				
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



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	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-14	06/09/10			85.23		3,724.40
MW-14	09/21/10			86.47		3,723.16
MW-14	12/17/10			86.27		3,723.36
MW-14	03/25/11			86.30		3,723.33
MW-14	06/22/11			87.45		3,722.18
MW-15	02/22/06	WELL INSTALLED 2/22/06 (TD-92.21)				
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



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	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
MW-15	06/09/10			86.41		3,724.52
MW-15	09/21/10			86.60		3,724.33
MW-15	12/17/10			87.41		3,723.52
MW-15	03/25/11			87.42		3,723.51



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	06/22/11			88.57		3,722.36
MW-16	02/23/06	WELL INSTALLED 2/23/06 (TD-91.23)				
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 (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft 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-16	06/09/10			87.60		3,724.63
MW-16	09/21/10			88.78		3,723.45
MW-16	12/17/10			88.61		3,723.62
MW-16	03/25/11			88.75		3,723.48
MW-16	06/22/11			89.72		3,722.51
MW-17	02/23/06	WELL INSTALLED 2/23/06 (TD-91.00)				
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



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	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
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-17	09/21/10			87.13		3,723.44
MW-17	12/17/10			86.95		3,723.62
MW-17	03/25/11			87.05		3,723.52
MW-17	06/22/11			88.00		3,722.57
MW-18	03/18/08	WELL INSTALLED 3/18/08 (TD-90.05)				
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



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-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
MW-18	09/21/10			86.60		3,722.68
MW-18	12/17/10			86.18		3,723.10
MW-18	03/25/11			86.53		3,722.75
MW-18	06/22/11			87.89		3,721.39

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

NS = Not Surveyed

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
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-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-1A	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1A	12/17/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1A	03/25/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1A	06/22/11	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				



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	08/22/05	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				
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-2	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	12/17/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	03/25/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	06/22/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2A	04/28/11	Well Installed				
MW-2A	06/22/11	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				



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-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				
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-3	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	12/17/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	03/25/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	06/22/11	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				



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-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	8/25/09	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-4	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	12/17/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	03/25/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	06/22/11	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
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				



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-5	06/09/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	12/17/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	03/25/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	06/22/11	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
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-6	09/22/10	0.157	0.01800	<0.00500	<0.00500	0.175
MW-6	12/17/10	0.0814	<0.00500	<0.00500	<0.00500	0.0814
MW-6	03/25/11	0.2280	0.0573	<0.00500	0.1060	0.3913
MW-6	06/22/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
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				



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-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-7	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	12/17/10	Not Sampled Due to Insufficient Water				
MW-7	03/25/11	Not Sampled Due to Insufficient Water				
MW-7	03/26/11	Well Plugged				
MW-7A	04/19/11	Well Installed				
	06/22/11	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				
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				



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	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 Insufficient Water				
MW-8	08/25/09	Not Sampled Due to Insufficient Water				
MW-8	12/11/09	Not Sampled Due to Insufficient Water				
MW-8	02/18/10	Not Sampled Due to Insufficient Water				
MW-8	06/09/10	Not Sampled Due to Insufficient Water				
MW-8	09/22/10	Not Sampled Due to Insufficient Water				
MW-8	12/17/10	Not Sampled Due to Insufficient Water				
MW-8	03/25/11	Not Sampled Due to Insufficient Water				
MW-8	03/26/11	Well Plugged				
MW-8A	04/19/11	Well Installed				
MW-8A	06/23/11	0.0354	0.0236	0.00260	0.0132	0.075
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



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-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
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-9	09/22/10	0.03850	<0.00100	<0.00100	<0.00100	0.03850
MW-9	12/17/10	0.00700	<0.00100	<0.00100	<0.00100	0.00700
MW-9	03/25/11	0.05330	<0.00100	<0.00100	0.0219	0.07520
MW-9	06/22/11	Not Sampled Due to Insufficient Water				
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



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-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-10	09/22/10	Not Sampled Due to Insufficient Water				
MW-10	12/17/10	0.01920	<0.00100	<0.00100	<0.00100	0.01920
MW-10	03/25/11	0.02110	0.0100	0.00660	0.0229	0.06060
MW-10	06/22/11	Not Sampled				
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
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-11	09/22/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	12/17/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	03/25/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	06/22/11	<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



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-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-12	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	12/17/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	03/25/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	06/22/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12A	04/28/11	Well Installed				
MW-12A	06/23/11	31.9	2.11	1.32	2.40	37.73
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
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



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-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-13	09/22/10	0.0507	<0.00100	<0.00100	0.00410	0.0548
MW-13	12/17/10	0.0908	<0.00100	<0.00100	0.03020	0.1210
MW-13	03/25/11	0.1680	0.00760	<0.00100	0.04470	0.2203
MW-13	06/22/11	0.2460	<0.00100	0.00240	0.0230	0.2714
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-14	09/22/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	12/17/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	03/25/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	06/22/11	0.00760	<0.00100	<0.00100	0.0021	0.00970
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
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



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-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-15	09/22/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	12/17/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	03/25/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	06/22/11	<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
MW-16	09/22/10	0.0937	<0.00100	<0.00100	0.00250	0.0962



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-16	12/17/10	0.0127	<0.00100	<0.00100	0.00810	0.0208
MW-16	03/25/11	0.0623	0.00800	0.00830	0.02160	0.1002
MW-16	06/22/11	0.3440	0.00780	0.00960	0.02090	0.3823
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-17	09/22/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-17	12/17/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-17	03/25/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-17	06/22/11	<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



TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCDF. # 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-18	09/22/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	12/17/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	03/25/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	06/22/11	<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

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

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

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

Report Date: July 5, 2011

Work Order: 11062407



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
270346	MW 8A	water	2011-06-23	11:50	2011-06-24
270347	MW 11	water	2011-06-22	12:45	2011-06-24
270348	MW 12A	water	2011-06-23	12:10	2011-06-24
270349	MW 13	water	2011-06-22	13:40	2011-06-24
270350	MW 14	water	2011-06-22	13:05	2011-06-24
270351	MW 15	water	2011-06-22	13:00	2011-06-24
270352	MW 16	water	2011-06-22	13:45	2011-06-24
270353	MW 17	water	2011-06-22	13:43	2011-06-24
270354	MW 18	water	2011-06-22	12:50	2011-06-24

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 18 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Michael Abel

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

Report Contents

Case Narrative	4
Analytical Report	5
Sample 270346 (MW 8A)	5
Sample 270347 (MW 11)	5
Sample 270348 (MW 12A)	5
Sample 270349 (MW 13)	6
Sample 270350 (MW 14)	6
Sample 270351 (MW 15)	7
Sample 270352 (MW 16)	7
Sample 270353 (MW 17)	8
Sample 270354 (MW 18)	8
Method Blanks	10
QC Batch 82649 - Method Blank (1)	10
QC Batch 82652 - Method Blank (1)	10
QC Batch 82701 - Method Blank (1)	10
Laboratory Control Spikes	12
QC Batch 82649 - LCS (1)	12
QC Batch 82652 - LCS (1)	12
QC Batch 82701 - LCS (1)	13
QC Batch 82649 - MS (1)	13
QC Batch 82652 - MS (1)	14
QC Batch 82701 - MS (1)	15
Calibration Standards	16
QC Batch 82649 - CCV (2)	16
QC Batch 82649 - CCV (3)	16
QC Batch 82652 - CCV (1)	16
QC Batch 82652 - CCV (2)	16
QC Batch 82701 - CCV (1)	17
QC Batch 82701 - CCV (2)	17
Appendix	18
Laboratory Certifications	18
Standard Flags	18
Attachments	18

Case Narrative

Samples for project C.S. Cayler were received by TraceAnalysis, Inc. on 2011-06-24 and assigned to work order 11062407. Samples for work order 11062407 were received intact without headspace and at a temperature of 3.8 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	70199	2011-06-29 at 15:12	82649	2011-06-29 at 15:12
BTEX	S 8021B	70202	2011-06-29 at 15:31	82652	2011-06-29 at 15:31
BTEX	S 8021B	70249	2011-06-30 at 13:54	82701	2011-06-30 at 13:54

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 11062407 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: July 5, 2011
700376.049.01

Work Order: 11062407
C.S. Cayler

Page Number: 5 of 18
Hobbs, NM

Analytical Report

Sample: 270346 - MW 8A

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 82649
Prep Batch: 70199

Analytical Method: S 8021B
Date Analyzed: 2011-06-29
Sample Preparation: 2011-06-29

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.0354	mg/L	1	0.00100
Toluene		1	0.0236	mg/L	1	0.00100
Ethylbenzene		1	0.00260	mg/L	1	0.00100
Xylene		1	0.0132	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0979	mg/L	1	0.100	98	73 - 123
4-Bromofluorobenzene (4-BFB)			0.108	mg/L	1	0.100	108	75.9 - 129

Sample: 270347 - MW 11

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 82649
Prep Batch: 70199

Analytical Method: S 8021B
Date Analyzed: 2011-06-29
Sample Preparation: 2011-06-29

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

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0998	mg/L	1	0.100	100	73 - 123
4-Bromofluorobenzene (4-BFB)			0.113	mg/L	1	0.100	113	75.9 - 129

Report Date: July 5, 2011
700376.049.01

Work Order: 11062407
C.S. Cayler

Page Number: 6 of 18
Hobbs, NM

Sample: 270348 - MW 12A

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 82701
Prep Batch: 70249

Analytical Method: S 8021B
Date Analyzed: 2011-06-30
Sample Preparation: 2011-06-30

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	31.9	mg/L	100	0.00100
Toluene		1	2.11	mg/L	100	0.00100
Ethylbenzene		1	1.32	mg/L	100	0.00100
Xylene		1	2.40	mg/L	100	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			8.79	mg/L	100	10.0	88	73 - 123
4-Bromofluorobenzene (4-BFB)			10.6	mg/L	100	10.0	106	75.9 - 129

Sample: 270349 - MW 13

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 82701
Prep Batch: 70249

Analytical Method: S 8021B
Date Analyzed: 2011-06-30
Sample Preparation: 2011-06-30

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.246	mg/L	1	0.00100
Toluene		1	<0.00100	mg/L	1	0.00100
Ethylbenzene		1	0.00240	mg/L	1	0.00100
Xylene		1	0.0230	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0903	mg/L	1	0.100	90	73 - 123
4-Bromofluorobenzene (4-BFB)			0.112	mg/L	1	0.100	112	75.9 - 129

Report Date: July 5, 2011
700376.049.01

Work Order: 11062407
C.S. Cayler

Page Number: 7 of 18
Hobbs, NM

Sample: 270350 - MW 14

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 82649
Prep Batch: 70199

Analytical Method: S 8021B
Date Analyzed: 2011-06-29
Sample Preparation: 2011-06-29

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.00760	mg/L	1	0.00100
Toluene		1	<0.00100	mg/L	1	0.00100
Ethylbenzene		1	<0.00100	mg/L	1	0.00100
Xylene		1	0.00210	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0968	mg/L	1	0.100	97	73 - 123
4-Bromofluorobenzene (4-BFB)			0.106	mg/L	1	0.100	106	75.9 - 129

Sample: 270351 - MW 15

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 82652
Prep Batch: 70202

Analytical Method: S 8021B
Date Analyzed: 2011-06-29
Sample Preparation: 2011-06-29

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

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0892	mg/L	1	0.100	89	73 - 113
4-Bromofluorobenzene (4-BFB)			0.0914	mg/L	1	0.100	91	73.7 - 114

Report Date: July 5, 2011
700376.049.01

Work Order: 11062407
C.S. Cayler

Page Number: 8 of 18
Hobbs, NM

Sample: 270352 - MW 16

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 82652
Prep Batch: 70202

Analytical Method: S 8021B
Date Analyzed: 2011-06-29
Sample Preparation: 2011-06-29

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.344	mg/L	1	0.00100
Toluene		1	0.00780	mg/L	1	0.00100
Ethylbenzene		1	0.00960	mg/L	1	0.00100
Xylene		1	0.0209	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.103	mg/L	1	0.100	103	73 - 113
4-Bromofluorobenzene (4-BFB)			0.0946	mg/L	1	0.100	95	73.7 - 114

Sample: 270353 - MW 17

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 82652
Prep Batch: 70202

Analytical Method: S 8021B
Date Analyzed: 2011-06-29
Sample Preparation: 2011-06-29

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

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0868	mg/L	1	0.100	87	73 - 113
4-Bromofluorobenzene (4-BFB)			0.0890	mg/L	1	0.100	89	73.7 - 114

Report Date: July 5, 2011
700376.049.01

Work Order: 11062407
C.S. Cayler

Page Number: 9 of 18
Hobbs, NM

Sample: 270354 - MW 18

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 82652
Prep Batch: 70202

Analytical Method: S 8021B
Date Analyzed: 2011-06-29
Sample Preparation: 2011-06-29

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

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0881	mg/L	1	0.100	88	73 - 113
4-Bromofluorobenzene (4-BFB)			0.0829	mg/L	1	0.100	83	73.7 - 114

Report Date: July 5, 2011
700376.049.01

Work Order: 11062407
C.S. Cayler

Page Number: 10 of 18
Hobbs, NM

Method Blanks

Method Blank (1) QC Batch: 82649

QC Batch: 82649
Prep Batch: 70199

Date Analyzed: 2011-06-29
QC Preparation: 2011-06-29

Analyzed By: MT
Prepared By: MT

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000765	mg/L	0.001
Toluene		1	<0.000719	mg/L	0.001
Ethylbenzene		1	<0.000860	mg/L	0.001
Xylene		1	<0.000942	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.103	mg/L	1	0.100	103	73 - 123
4-Bromofluorobenzene (4-BFB)			0.116	mg/L	1	0.100	116	75.9 - 129

Method Blank (1) QC Batch: 82652

QC Batch: 82652
Prep Batch: 70202

Date Analyzed: 2011-06-29
QC Preparation: 2011-06-29

Analyzed By: MT
Prepared By: MT

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000743	mg/L	0.001
Toluene		1	<0.000671	mg/L	0.001
Ethylbenzene		1	<0.000923	mg/L	0.001
Xylene		1	<0.000838	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0808	mg/L	1	0.100	81	73 - 113
4-Bromofluorobenzene (4-BFB)			0.0839	mg/L	1	0.100	84	73.7 - 114

Method Blank (1) QC Batch: 82701

QC Batch: 82701
Prep Batch: 70249

Date Analyzed: 2011-06-30
QC Preparation: 2011-06-30

Analyzed By: MT
Prepared By: MT

Report Date: July 5, 2011
700376.049.01

Work Order: 11062407
C.S. Cayler

Page Number: 11 of 18
Hobbs, NM

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000765	mg/L	0.001
Toluene		1	<0.000719	mg/L	0.001
Ethylbenzene		1	<0.000860	mg/L	0.001
Xylene		1	<0.000942	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0975	mg/L	1	0.100	98	73 - 123
4-Bromofluorobenzene (4-BFB)			0.109	mg/L	1	0.100	109	75.9 - 129

Report Date: July 5, 2011
700376.049.01

Work Order: 11062407
C.S. Cayler

Page Number: 12 of 18
Hobbs, NM

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 82649
Prep Batch: 70199

Date Analyzed: 2011-06-29
QC Preparation: 2011-06-29

Analyzed By: MT
Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.105	mg/L	1	0.100	<0.000765	105	80.5 - 112
Toluene		1	0.103	mg/L	1	0.100	<0.000719	103	79.6 - 114
Ethylbenzene		1	0.104	mg/L	1	0.100	<0.000860	104	78.4 - 115
Xylene		1	0.315	mg/L	1	0.300	<0.000942	105	77 - 114

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

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.101	mg/L	1	0.100	<0.000765	101	80.5 - 112	4	20
Toluene		1	0.0994	mg/L	1	0.100	<0.000719	99	79.6 - 114	4	20
Ethylbenzene		1	0.0991	mg/L	1	0.100	<0.000860	99	78.4 - 115	5	20
Xylene		1	0.303	mg/L	1	0.300	<0.000942	101	77 - 114	4	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)	0.0967	0.0967	mg/L	1	0.100	97	97	68.9 - 116
4-Bromofluorobenzene (4-BFB)	0.0994	0.103	mg/L	1	0.100	99	103	68.5 - 116

Laboratory Control Spike (LCS-1)

QC Batch: 82652
Prep Batch: 70202

Date Analyzed: 2011-06-29
QC Preparation: 2011-06-29

Analyzed By: MT
Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0952	mg/L	1	0.100	<0.000743	95	75.2 - 116
Toluene		1	0.0939	mg/L	1	0.100	<0.000671	94	72.3 - 118
Ethylbenzene		1	0.0933	mg/L	1	0.100	<0.000923	93	76.5 - 112
Xylene		1	0.281	mg/L	1	0.300	<0.000838	94	77 - 113

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

Report Date: July 5, 2011
700376.049.01

Work Order: 11062407
C.S. Cayler

Page Number: 13 of 18
Hobbs, NM

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0969	mg/L	1	0.100	<0.000743	97	75.2 - 116	2	20
Toluene		1	0.0939	mg/L	1	0.100	<0.000671	94	72.3 - 118	0	20
Ethylbenzene		1	0.0957	mg/L	1	0.100	<0.000923	96	76.5 - 112	2	20
Xylene		1	0.281	mg/L	1	0.300	<0.000838	94	77 - 113	0	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)	0.0879	0.0818	mg/L	1	0.100	88	82	73.4 - 114
4-Bromofluorobenzene (4-BFB)	0.0901	0.0837	mg/L	1	0.100	90	84	75.1 - 114

Laboratory Control Spike (LCS-1)

QC Batch: 82701
Prep Batch: 70249

Date Analyzed: 2011-06-30
QC Preparation: 2011-06-30

Analyzed By: MT
Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0974	mg/L	1	0.100	<0.000765	97	80.5 - 112
Toluene		1	0.0981	mg/L	1	0.100	<0.000719	98	79.6 - 114
Ethylbenzene		1	0.0971	mg/L	1	0.100	<0.000860	97	78.4 - 115
Xylene		1	0.296	mg/L	1	0.300	<0.000942	99	77 - 114

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.104	mg/L	1	0.100	<0.000765	104	80.5 - 112	7	20
Toluene		1	0.104	mg/L	1	0.100	<0.000719	104	79.6 - 114	6	20
Ethylbenzene		1	0.105	mg/L	1	0.100	<0.000860	105	78.4 - 115	8	20
Xylene		1	0.319	mg/L	1	0.300	<0.000942	106	77 - 114	8	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)	0.0948	0.0961	mg/L	1	0.100	95	96	68.9 - 116
4-Bromofluorobenzene (4-BFB)	0.101	0.0997	mg/L	1	0.100	101	100	68.5 - 116

Report Date: July 5, 2011
700376.049.01

Work Order: 11062407
C.S. Cayler

Page Number: 14 of 18
Hobbs, NM

Matrix Spike (MS-1) Spiked Sample: 270625

QC Batch: 82649
Prep Batch: 70199

Date Analyzed: 2011-06-29
QC Preparation: 2011-06-29

Analyzed By: MT
Prepared By: MT

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.147	mg/L	1	0.100	0.0574	90	39.9 - 132
Toluene		1	0.0813	mg/L	1	0.100	<0.000719	81	36.3 - 136
Ethylbenzene		1	0.453	mg/L	1	0.100	0.325	128	38.4 - 135
Xylene		1	0.346	mg/L	1	0.300	0.0959	83	35.2 - 134

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.153	mg/L	1	0.100	0.0574	96	39.9 - 132	4	20
Toluene		1	0.0941	mg/L	1	0.100	<0.000719	94	36.3 - 136	15	20
Ethylbenzene		1	0.424	mg/L	1	0.100	0.325	99	38.4 - 135	7	20
Xylene		1	0.379	mg/L	1	0.300	0.0959	94	35.2 - 134	9	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)	0.0964	0.0986	mg/L	1	0.1	96	99	64.2 - 125
4-Bromofluorobenzene (4-BFB)	0.109	0.110	mg/L	1	0.1	109	110	67.8 - 122

Matrix Spike (MS-1) Spiked Sample: 270627

QC Batch: 82652
Prep Batch: 70202

Date Analyzed: 2011-06-29
QC Preparation: 2011-06-29

Analyzed By: MT
Prepared By: MT

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0878	mg/L	1	0.100	<0.000743	88	44 - 133
Toluene		1	0.0900	mg/L	1	0.100	<0.000671	90	43.4 - 133
Ethylbenzene		1	0.0948	mg/L	1	0.100	<0.000923	95	66.8 - 115
Xylene		1	0.270	mg/L	1	0.300	<0.000838	90	63.7 - 118

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0897	mg/L	1	0.100	<0.000743	90	44 - 133	2	20
Toluene		1	0.0889	mg/L	1	0.100	<0.000671	89	43.4 - 133	1	20

continued ...

Report Date: July 5, 2011
700376.049.01

Work Order: 11062407
C.S. Cayler

Page Number: 15 of 18
Hobbs, NM

matrix spikes continued ...

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Ethylbenzene		1	0.102	mg/L	1	0.100	<0.000923	102	66.8 - 115	8	20
Xylene		1	0.262	mg/L	1	0.300	<0.000838	88	63.7 - 118	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)	0.0872	0.0789	mg/L	1	0.1	87	79	73.2 - 116
4-Bromofluorobenzene (4-BFB)	0.0935	0.0875	mg/L	1	0.1	94	88	73.9 - 118

Matrix Spike (MS-1) Spiked Sample: 270348

QC Batch: 82701
Prep Batch: 70249

Date Analyzed: 2011-06-30
QC Preparation: 2011-06-30

Analyzed By: MT
Prepared By: MT

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	43.6	mg/L	100	10.0	31.9	117	39.9 - 132
Toluene		1	12.1	mg/L	100	10.0	2.11	100	36.3 - 136
Ethylbenzene		1	11.5	mg/L	100	10.0	1.32	102	38.4 - 135
Xylene		1	33.2	mg/L	100	30.0	2.4	103	35.2 - 134

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	41.6	mg/L	100	10.0	31.9	97	39.9 - 132	5	20
Toluene		1	12.0	mg/L	100	10.0	2.11	99	36.3 - 136	1	20
Ethylbenzene		1	11.5	mg/L	100	10.0	1.32	102	38.4 - 135	0	20
Xylene		1	33.2	mg/L	100	30.0	2.4	103	35.2 - 134	0	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)	9.14	9.38	mg/L	100	10	91	94	64.2 - 125
4-Bromofluorobenzene (4-BFB)	9.86	9.94	mg/L	100	10	99	99	67.8 - 122

Calibration Standards

Standard (CCV-2)

QC Batch: 82649

Date Analyzed: 2011-06-29

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.101	101	80 - 120	2011-06-29
Toluene		1	mg/L	0.100	0.0996	100	80 - 120	2011-06-29
Ethylbenzene		1	mg/L	0.100	0.0999	100	80 - 120	2011-06-29
Xylene		1	mg/L	0.300	0.304	101	80 - 120	2011-06-29

Standard (CCV-3)

QC Batch: 82649

Date Analyzed: 2011-06-29

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.102	102	80 - 120	2011-06-29
Toluene		1	mg/L	0.100	0.0983	98	80 - 120	2011-06-29
Ethylbenzene		1	mg/L	0.100	0.0995	100	80 - 120	2011-06-29
Xylene		1	mg/L	0.300	0.302	101	80 - 120	2011-06-29

Standard (CCV-1)

QC Batch: 82652

Date Analyzed: 2011-06-29

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0965	96	80 - 120	2011-06-29
Toluene		1	mg/L	0.100	0.0949	95	80 - 120	2011-06-29
Ethylbenzene		1	mg/L	0.100	0.0948	95	80 - 120	2011-06-29
Xylene		1	mg/L	0.300	0.288	96	80 - 120	2011-06-29

Report Date: July 5, 2011
700376.049.01

Work Order: 11062407
C.S. Cayler

Page Number: 17 of 18
Hobbs, NM

Standard (CCV-2)

QC Batch: 82652

Date Analyzed: 2011-06-29

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0974	97	80 - 120	2011-06-29
Toluene		1	mg/L	0.100	0.0955	96	80 - 120	2011-06-29
Ethylbenzene		1	mg/L	0.100	0.0949	95	80 - 120	2011-06-29
Xylene		1	mg/L	0.300	0.285	95	80 - 120	2011-06-29

Standard (CCV-1)

QC Batch: 82701

Date Analyzed: 2011-06-30

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.102	102	80 - 120	2011-06-30
Toluene		1	mg/L	0.100	0.102	102	80 - 120	2011-06-30
Ethylbenzene		1	mg/L	0.100	0.103	103	80 - 120	2011-06-30
Xylene		1	mg/L	0.300	0.311	104	80 - 120	2011-06-30

Standard (CCV-2)

QC Batch: 82701

Date Analyzed: 2011-06-30

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.101	101	80 - 120	2011-06-30
Toluene		1	mg/L	0.100	0.0982	98	80 - 120	2011-06-30
Ethylbenzene		1	mg/L	0.100	0.0994	99	80 - 120	2011-06-30
Xylene		1	mg/L	0.300	0.302	101	80 - 120	2011-06-30

Appendix

Laboratory Certifications

C	Certifying Authority	Certification Number	Laboratory Location
-	NCTRCA	WFWB384444Y0909	TraceAnalysis
-	DBE	VN 20657	TraceAnalysis
-	HUB	1752439743100-86536	TraceAnalysis
-	WBE	237019	TraceAnalysis
1	NELAP	T104704219-11-TX	Lubbock

Standard Flags

F	Description
B	Analyte detected in the corresponding method blank above the method detection limit
H	Analyzed out of hold time
J	Estimated concentration
Jb	The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL.
Je	Estimated concentration exceeding calibration range.
Qc	Calibration check outside of laboratory limits.
Qr	RPD outside of laboratory limits
Qs	Spike recovery outside of laboratory limits.
Qsr	Surrogate recovery outside of laboratory limits.
U	The analyte is not detected above the SDL

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

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Invoice to:	(If different from above) 2002-10250		
Project #:	200376, 049.01	Project Name:	CS. Caylor
Project Location (including state):	Holmes NM	Sampler Signature:	[Signature]

ANALYSIS REQUEST
(Circle or Specify Method No.)

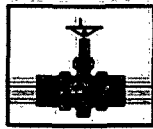
LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD					SAMPLING		DATE	TIME	MTBE 8021 / 602	BTEX 8021 / 602 / 625	TPH 418.1 / TX1005 / 625	TPH 8015 GRO / DD	PAH 8270 / 625	Total Metals Ag As Ba C	TCLP Metals Ag As	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260 / 6	GC/MS Semi. Vol. 8	PCB's 8082 / 608	Pesticides 8081 / 60	BOD, TSS, pH	Moisture Content	Cl, Fl, S04, NO3, NO	Na, Ca, Mg, K, TDS							Turn Around Time if	Hold																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST	OBS	COR	LAB USE ONLY Interfered N Headspace Y/N Log-In Review	REMARKS: * All tests Midland
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST	OBS	COR		
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST	OBS	COR		

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

ORIGINAL COPY

Carrier #



PLAINS
PIPELINE, L.P.

RECEIVED

April 27, 2011

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

MAY - 2 2011

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 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 April 25, 2011, 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 2011.

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

Sincerely,

Jason Henry
Remediation Coordinator
Plains Pipeline, L.P.

CC: Geoffrey R. Leking, NMOCD, Hobbs Office

Enclosure



April 25, 2010

RECEIVED

MAY - 2 2011

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

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)
First Quarter 2011 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) is submitting this letter report on behalf of Plains Pipeline, L.P. (Plains) that summarizes the first quarter 2011 groundwater monitoring activities.

Remediation Activities

During the most of the first quarter of 2011, three (3) specific gravity skimmers with bladder pumps were in operation in monitor wells MW-4, MW-5 and MW-12, and three (3) total fluids pumps were in operation in monitor wells MW-1A, MW-2, and MW-3. Currently, there are two (2) skimmers in operation in monitor wells MW-4 and MW-12 and three (3) total fluids pumps in operation in monitor wells MW-1A, MW-3 and MW-5. 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 inspected and 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 located 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 863 barrels of water and 959 barrels of water was either transferred by pump to the Rocky Smith saltwater disposal facility or disposed by vacuum truck. Approximately 23 barrels of crude oil was recovered by the system and 40 barrels of oil is currently in the recovery tank.

AMARILLO
921 North Bivins
Amarillo, Texas 79107
Phone 806.467.0607
Fax 806.467.0622

AUSTIN
911 West Anderson Lane
Suite 202
Austin, Texas 78757
Phone 512.989.3428
Fax 512.989.3487

MIDLAND
2901 State Highway 349
Midland, Texas 79706
Phone 432.522.2133
Fax 432.522.2180

SAN ANTONIO
11 Commercial Place
Schertz, Texas 78154
Phone 210.265.8025
Fax 210.568.2191

TULSA
525 South Main Street
Suite 535
Tulsa, Oklahoma 74103
Phone 918.742.0871
Fax 918.382.0232

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

ARTESIA
408 W. Texas Ave.
Artesia, New Mexico 88210
Phone 575.746.8768
Fax 505.746.8905

ENVIRONMENTAL CONSULTING
ENGINEERING
DRILLING
CONSTRUCTION
EMERGENCY RESPONSE

Toll Free: 866.742.0742
www.talonlpe.com

First Quarter Groundwater Monitoring Event

The first quarter 2011 groundwater monitoring event was conducted on March 25, 2011. Prior to the event, the PSH recovery system was shut-down and the recovery pumps were pulled in order to allow the potentiometric surface to stabilize. During the groundwater monitoring event, all monitor wells were measured with an interface probe to determine static water levels and PSH thicknesses if present. Groundwater samples were collected from ten (10) 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, and MW-12 due to the presence of PSH. In addition, groundwater samples were not collected from monitor wells MW-7 and MW-8 because groundwater levels have declined below the total depth of those wells.

Results of the Groundwater Monitoring Event

Data collected from the March 2011 groundwater monitoring event exhibited the following results:

- Benzene concentrations ranged from <0.00100 mg/L to 0.228 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-10, MW-13 and MW-16.
- Toluene concentrations ranged from <0.00100 mg/L to 0.0573 mg/L. Toluene concentrations did not exceed the NMWQCC remediation threshold of 0.750 mg/L in any collected groundwater sample.
- Ethylbenzene concentrations ranged from <0.00100 mg/L to 0.00830 mg/L. Ethylbenzene concentrations did not exceed the NMWQCC remediation threshold of 0.750 mg/L in any collected groundwater sample.
- Total xylene concentrations ranged from <0.00100 mg/L to 0.106 mg/L. Total xylene concentrations did not exceed the NMWQCC remediation threshold of 0.620 mg/L in any collected groundwater sample.
- Dissolved-phase concentrations were generally stable during the first quarter exhibiting only slight increases in total BTEX. BTEX concentrations did not exceed the laboratory method reporting limits in down-gradient monitor wells MW-11 and MW-18; therefore, the dissolved-phase plume is currently stable and delineated.
- PSH thicknesses typically fluctuate from quarter to quarter but have declined overall since PSH recovery operations was initiated.
- Gauging data collected from the groundwater monitoring event indicated a decline in groundwater levels averaging 0.15-ft. The decline appears to be associated with a regional declining trend in Ogallala groundwater levels.

Additional Actions Performed

- The total fluids pump was removed from monitor well MW-2 and installed in monitor well MW-5.

- Monitor wells MW-7 and MW-8 were plugged and abandoned because groundwater levels had declined below the total depths in both wells. Monitor wells MW-7a and MW-8A were drilled and completed as replacement wells.
- Two polyethylene recovery tanks were removed from service and replaced with a 350-barrel frac tank. The replacement recovery tank was plumbed with a pump to transfer recovered water to the Rocky Smith SWD.

Recommendations

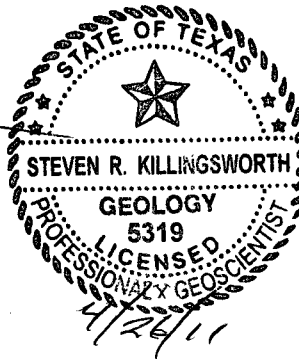
- Since groundwater levels are continuing to decline at the site, monitor wells MW-2 and MW-12 will likely exhibit groundwater levels that will fall below their total depths in the near future. In addition, the extent of the current fluid columns in MW-2 and MW-12 inhibits the efficient operation of recovery pumps. Therefore, additional, monitor wells MW-2A and MW-12A should be installed proximal to MW-2 and MW-12 to a total depth of at least 105-ft to facilitate efficient pump operation.
- Two pneumatic total fluids pumps should be installed in new monitor wells MW-2A and MW-12A to support groundwater drawdown in order to mitigate plume migration and to augment PSH recovery.

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

Appendix A

Figures

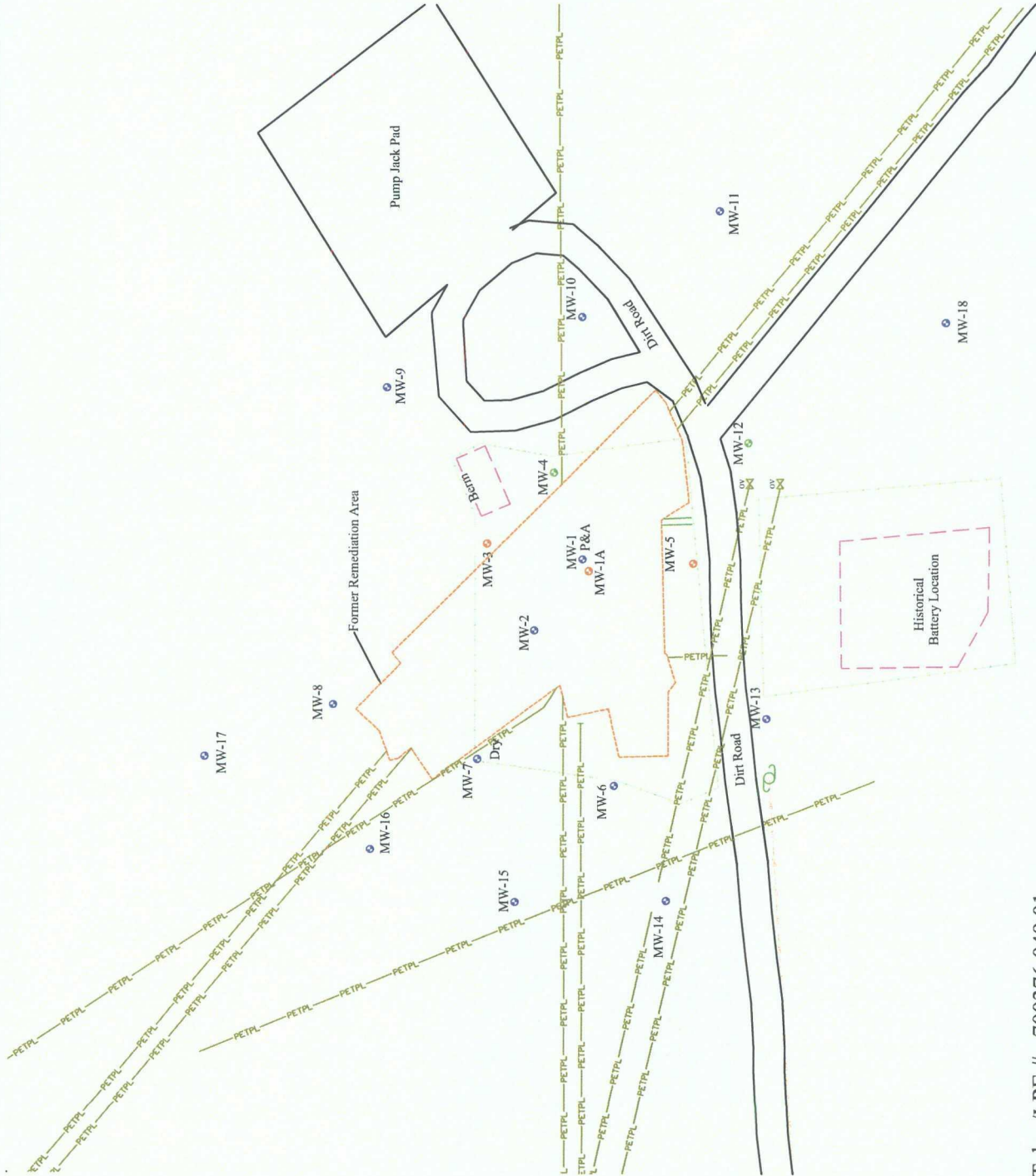
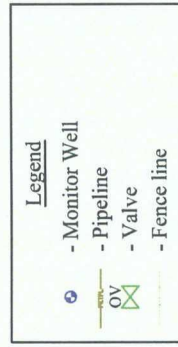
Figure 1 - Site Layout and Monitor Well Location Map

Figure 2 - Groundwater Gradient Map - 03/25/2011

Figure 3 – PSH Distribution and Groundwater Concentration Map – 03/25/2011



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

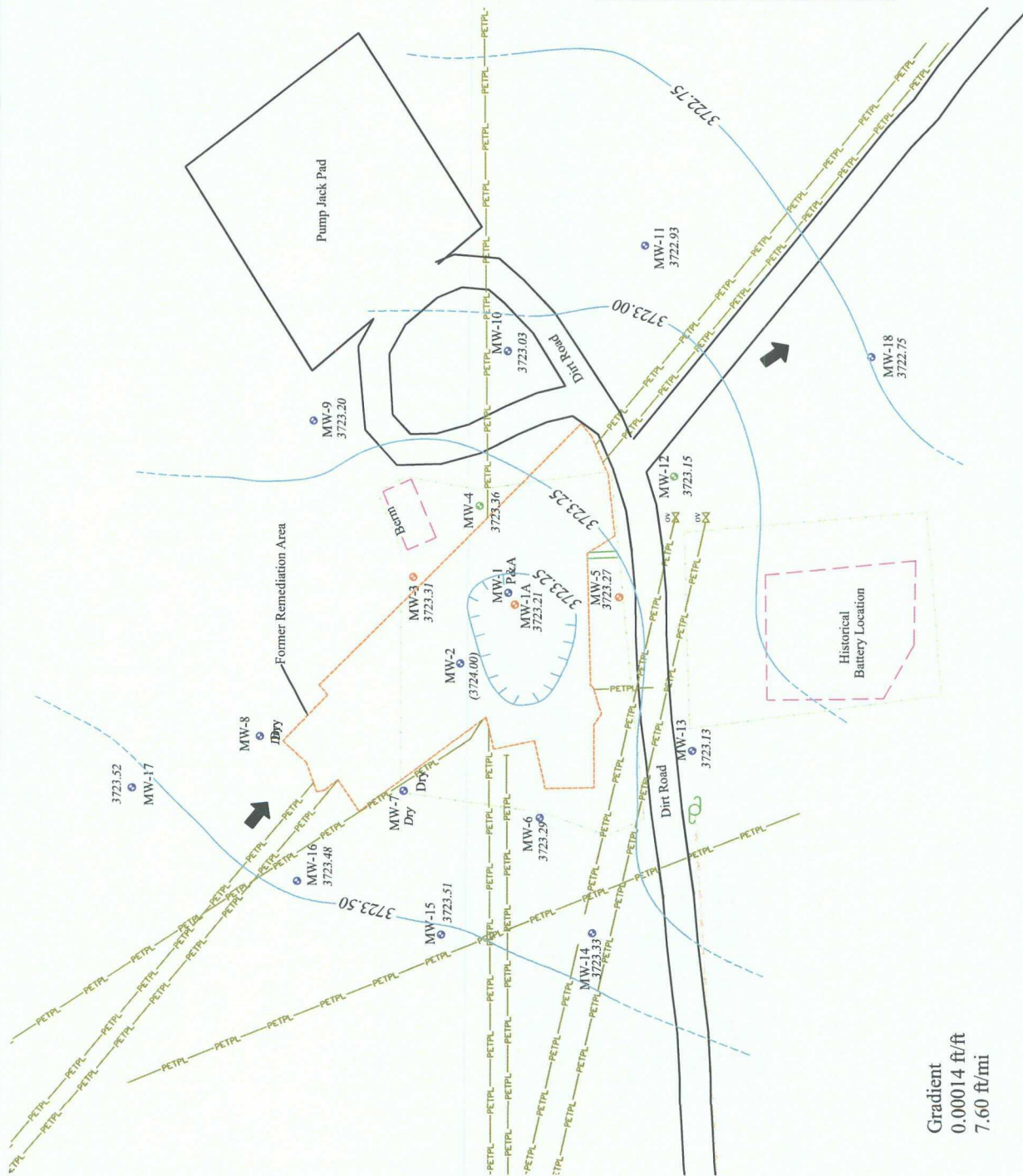


0 50 100
Scale in Feet

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

81.30
(81.30)



Gradient
0.00014 ft/ft
7.60 ft/mi

Talon/LPE #: 700376.049.01



Date: 04/08/2011

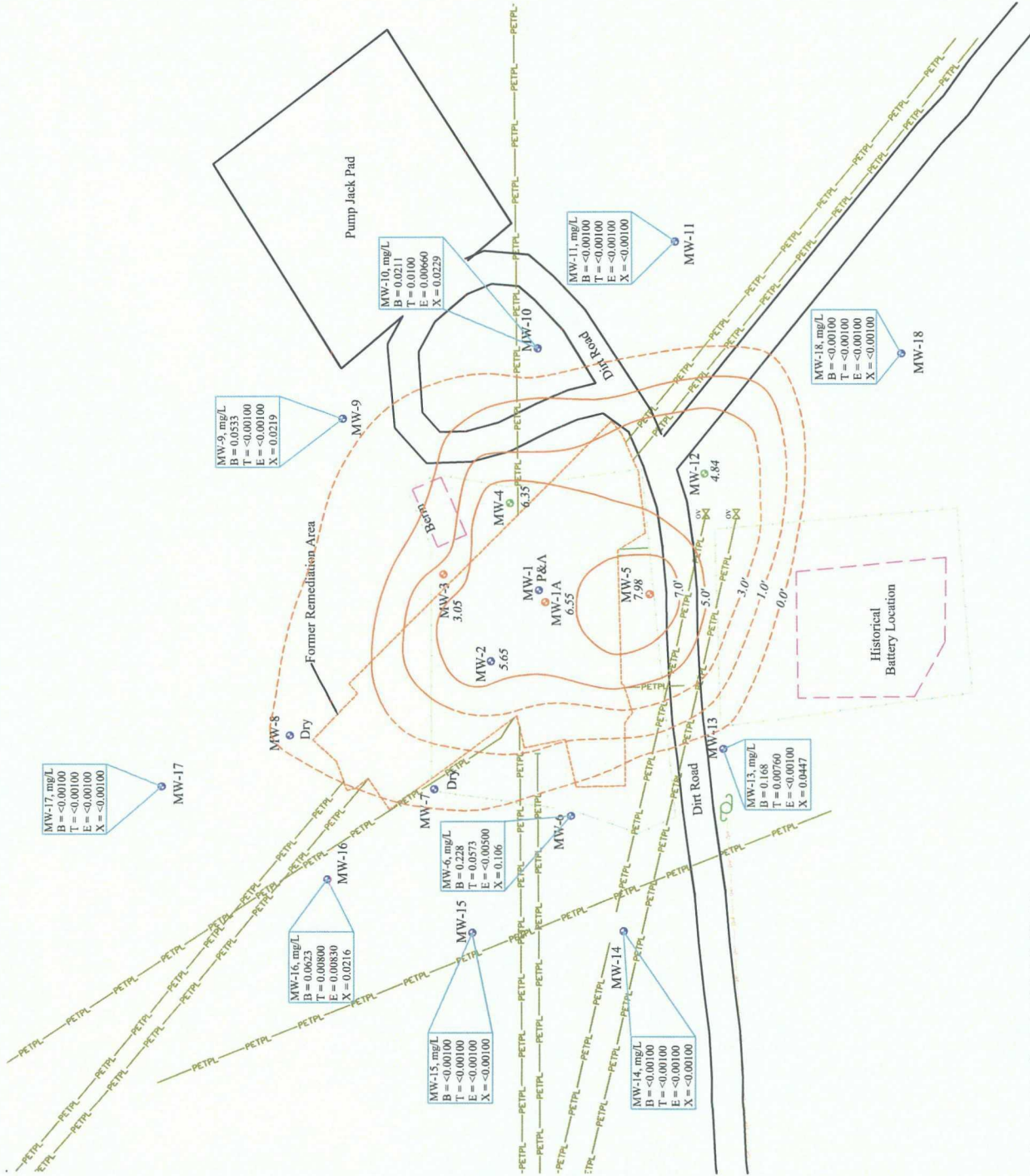
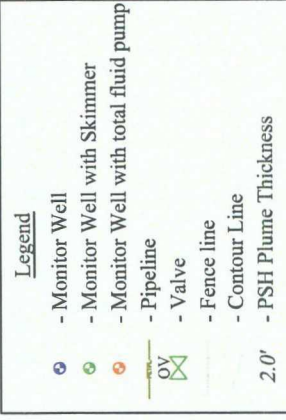
Scale: 1" = 100'

Drawn By: TJS

C.S. Cayler

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

Figure 2a - Groundwater Gradient Map, (03/25/2011)



Talon/LPE #: 700376.049.01



Date: 04/08/2011

Scale: 1" = 100'

Drawn By: TJS

C.S. Cayler

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

Lea County, New Mexico

Figure 3a - PSH Thickness & Groundwater Concentration Map, (03/25/2011)

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
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 (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 TD=96.20				
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



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 (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
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-1A	06/09/10		84.95	93.02	8.07	3,723.86
MW-1A	09/21/10		86.04	93.13	7.09	3,722.93
MW-1A	12/17/10		88.92	91.52	2.60	3,720.79
MW-1A	03/25/11		85.85	92.40	6.55	3,723.21
MW-2	05/28/04	WELL INSTALLED 5/28/04 TD=88.10				
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



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	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
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



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	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
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	ND		
MW-2	09/21/10		NM - Pump Stuck			
MW-2	12/17/10		NM - Pump Stuck			
MW-2	03/25/11		82.45	88.10	5.65	3,724.00
MW-3	05/31/04	WELL INSTALLED 31-May-04 TD=93.53				
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



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	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
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



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	01/23/08		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
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-3	09/21/10		NM - Pump Stuck			
MW-3	12/17/10		86.56	89.21	2.65	3,723.36
MW-3	03/25/11		86.55	89.60	3.05	3,723.31



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-4	06/01/04	WELL INSTALLED 01-Jun-04 TD=93.16				
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
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

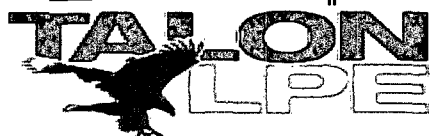


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

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-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
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



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-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-4	09/21/10		87.13	92.72	5.59	3,722.76
MW-4	12/17/10		87.32	89.22	1.90	3,723.18
MW-4	03/25/11		86.40	92.75	6.35	3,723.36
MW-5	06/05/04	WELL INSTALLED 05-Jun-04 TD=93.41				
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



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-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
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



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-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
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-5	09/21/10		84.95	92.82	7.87	3,723.04
MW-5	12/17/10		85.42	87.87	2.45	3,723.47
MW-5	03/25/11		84.70	92.68	7.98	3,723.27
MW-6	10/21/04	WELL INSTALLED 21-Oct-04 (TD-88.31)				
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

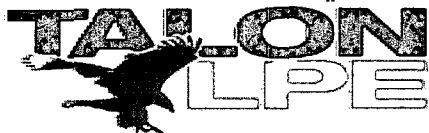


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

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-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
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



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-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-6	09/21/10			86.25		3,723.08
MW-6	12/17/10			85.92		3,723.41
MW-6	03/25/11			86.04		3,723.29
MW-7	10/21/04	WELL INSTALLED 21-Oct-04 (TD-84.71)				
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

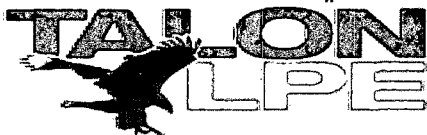


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

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	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		
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

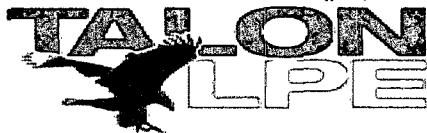


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

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	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-7	09/21/10		ND	DRY		
MW-7	12/17/10		ND	DRY		
MW-7	03/25/11		ND	DRY		
MW-8	10/20/04	WELL INSTALLED 20-Oct-04 (TD-84.55)				
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



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	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
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



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	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		ND	DRY		
MW-8	08/25/09		ND	DRY		
MW-8	12/10/09		ND	DRY		
MW-8	01/08/10		ND	DRY		
MW-8	02/18/10		ND	DRY		
MW-8	06/09/10		ND	DRY		
MW-8	09/21/10		ND	DRY		
MW-8	12/17/10		ND	DRY		
MW-8	03/25/11		ND	DRY		
MW-9	10/19/04	WELL INSTALLED 19-Oct-04 (TD-86.80)				
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

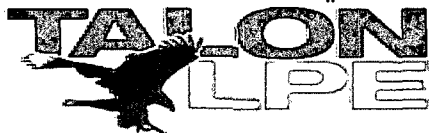


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

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	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
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

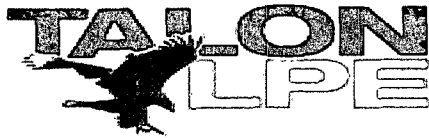


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCDF REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

Monitoring Well	Date Gauged	Surveyed Top of Casing Elevation (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
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-9	09/21/10			86.86		3,723.12
MW-9	12/17/10			86.64		3,723.34
MW-9	03/25/11			86.78		3,723.20
MW-10	10/20/04	WELL INSTALLED 20-Oct-04 (TD-86.98)				
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



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	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
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



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	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-10	09/21/10			DRY		
MW-10	12/17/10			86.54		3,723.25
MW-10	03/25/11			86.76		3,723.03
MW-11	02/21/06	WELL INSTALLED 2/21/06 (TD-89.10)				
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
MW-11	10/19/07			81.76		3,727.19



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 (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
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-11	09/21/10			86.30		3,722.82
MW-11	12/17/10			85.94		3,723.18
MW-11	03/25/11			86.19		3,722.93
MW-12	02/23/06	WELL INSTALLED 2/23/06 TD=90.83				
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



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	03/06/07			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
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-12	09/21/10		86.08	90.90	4.82	3,722.93
MW-12	12/17/10		86.15	88.25	2.10	3,723.31

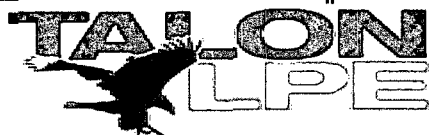


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

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	03/25/11		85.86	90.70	4.84	3,723.15
MW-13	02/22/06	WELL INSTALLED 2/22/06 (TD-88.86)				
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
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



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	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-13	06/09/10			85.36		3,724.23
MW-13	09/21/10			86.64		3,722.95
MW-13	12/17/10			86.27		3,723.32
MW-13	03/25/11			86.46		3,723.13
MW-14	02/21/06	WELL INSTALLED 2/21/06 (TD-87.95)				
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

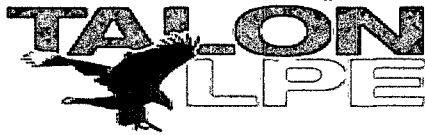


TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
Plains PIPELINE, L.P. - SRS#2002-10250
C. S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

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	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-14	06/09/10			85.23		3,724.40
MW-14	09/21/10			86.47		3,723.16
MW-14	12/17/10			86.27		3,723.36
MW-14	03/25/11			86.30		3,723.33
MW-15	02/22/06	WELL INSTALLED 2/22/06 (TD-92.21)				
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



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	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
MW-15	06/09/10			86.41		3,724.52
MW-15	09/21/10			86.60		3,724.33



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-15	12/17/10			87.41		3,723.52
MW-15	03/25/11			87.42		3,723.51
MW-16	02/23/06	WELL INSTALLED 2/23/06 (TD-91.23)				
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



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	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-16	09/21/10			88.78		3,723.45
MW-16	12/17/10			88.61		3,723.62
MW-16	03/25/11			88.75		3,723.48
MW-17	02/23/06	WELL INSTALLED 2/23/06 (TD-91.00)				
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



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 (amsl)	Depth to PSH (btoc)	Depth to Water (btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (ft amsl)
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
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-17	09/21/10			87.13		3,723.44
MW-17	12/17/10			86.95		3,723.62
MW-17	03/25/11			87.05		3,723.52
MW-18	03/18/08	WELL INSTALLED 3/18/08 (TD-90.05)				
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



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-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
MW-18	09/21/10			86.60		3,722.68
MW-18	12/17/10			86.18		3,723.10
MW-18	03/25/11			86.53		3,722.75

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

NM = Not Measured

btoc = Below Top of Casing

amsl = Above Mean Sea Level

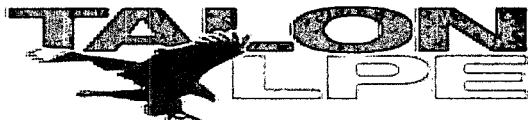


TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCDF REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene	Total BTEX
MW-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-1A	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1A	12/17/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1A	03/25/11	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				



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	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				
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-2	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	12/17/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	03/25/11	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				



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	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				
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-3	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	12/17/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	03/25/11	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				

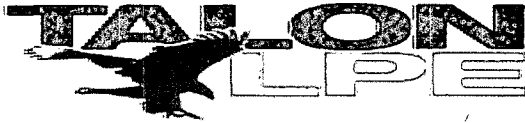


TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCDF REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene	Total BTEX
MW-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-4	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	12/17/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	03/25/11	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
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-5	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	12/17/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	03/25/11	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

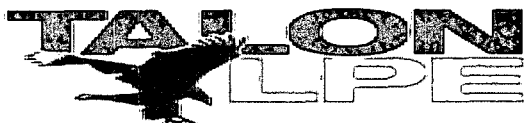


TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene	Total BTEX
MW-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
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-6	09/22/10	0.157	0.01800	<0.00500	<0.00500	0.175
MW-6	12/17/10	0.0814	<0.00500	<0.00500	<0.00500	0.0814
MW-6	03/25/11	0.2280	0.0573	<0.00500	0.1060	0.3913
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				



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-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-7	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	12/17/10	Not Sampled Due to Insufficient Water				
MW-7	03/25/11	Not Sampled Due to Insufficient Water				
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				
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 Insufficient Water				
MW-8	08/25/09	Not Sampled Due to Insufficient Water				

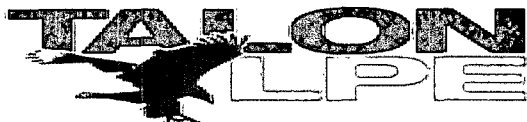


TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCDF REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene	Total BTEX
MW-8	12/11/09	Not Sampled Due to Insufficient Water				
MW-8	02/18/10	Not Sampled Due to Insufficient Water				
MW-8	06/09/10	Not Sampled Due to Insufficient Water				
MW-8	09/22/10	Not Sampled Due to Insufficient Water				
MW-8	12/17/10	Not Sampled Due to Insufficient Water				
MW-8	03/25/11	Not Sampled Due to Insufficient Water				
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
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-9	09/22/10	0.03850	<0.00100	<0.00100	<0.00100	0.03850
MW-9	12/17/10	0.00700	<0.00100	<0.00100	<0.00100	0.00700
MW-9	03/25/11	0.05330	<0.00100	<0.00100	0.0219	0.07520
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

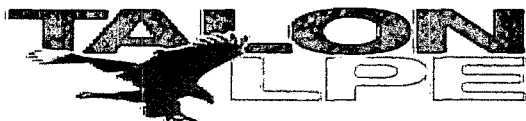


TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene	Total BTEX
MW-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-10	09/22/10	Not Sampled Due to Insufficient Water				
MW-10	12/17/10	0.01920	<0.00100	<0.00100	<0.00100	0.01920
MW-10	03/25/11	0.02110	0.0100	0.00660	0.0229	0.06060
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
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

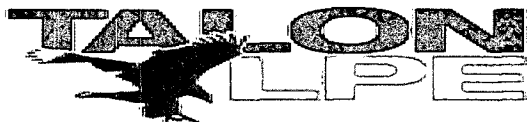


TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene	Total BTEX
MW-11	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-11	09/22/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	12/17/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	03/25/11	<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-12	09/22/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	12/17/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	03/25/11	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-13	09/22/10	0.0507	<0.00100	<0.00100	0.00410	0.0548
MW-13	12/17/10	0.0908	<0.00100	<0.00100	0.03020	0.1210
MW-13	03/25/11	0.1680	0.00760	<0.00100	0.04470	0.2203
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

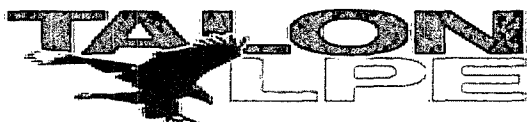


TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOCD REF. # AP-052 (OLD 1R-0382)
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.049.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylene	Total BTEX
MW-14	09/22/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	12/17/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	03/25/11	<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
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-15	09/22/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	12/17/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	03/25/11	<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



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-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
MW-16	09/22/10	0.0937	<0.00100	<0.00100	0.00250	0.0962
MW-16	12/17/10	0.0127	<0.00100	<0.00100	0.00810	0.0208
MW-16	03/25/11	0.0623	0.00800	0.00830	0.02160	0.1002
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-17	09/22/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-17	12/17/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-17	03/25/11	<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



TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P. - SRS# 2002-10250
C.S. CAYLER
NMOC D 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-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
MW-18	09/22/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	12/17/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	03/25/11	<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

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: April 4, 2011

Work Order: 11032528



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
261805	MW-6	water	2011-03-25	13:37	2011-03-25
261806	MW-9	water	2011-03-25	11:46	2011-03-25
261807	MW-10	water	2011-03-25	11:55	2011-03-25
261808	MW-11	water	2011-03-25	12:07	2011-03-25
261809	MW-13	water	2011-03-25	13:25	2011-03-25
261810	MW-14	water	2011-03-25	10:47	2011-03-25
261811	MW-15	water	2011-03-25	10:38	2011-03-25
261812	MW-16	water	2011-03-25	10:27	2011-03-25
261813	MW-17	water	2011-03-25	10:09	2011-03-25
261814	MW-18	water	2011-03-25	13:15	2011-03-25

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 10 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 2011-03-25 and assigned to work order 11032528. Samples for work order 11032528 were received intact without headspace and at a temperature of 2.8 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	67884	2011-04-01 at 08:56	80013	2011-04-01 at 09:19

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 11032528 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: April 4, 2011
700376.049.01

Work Order: 11032528
C.S. Cayler

Page Number: 4 of 10
Hobbs, NM

Analytical Report

Sample: 261805 - MW-6

Laboratory: Midland
Analysis: BTEX
QC Batch: 80013
Prep Batch: 67884

Analytical Method: S 8021B
Date Analyzed: 2011-04-01
Sample Preparation: 2011-04-01

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

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.228	mg/L	5	0.00100
Toluene		0.0573	mg/L	5	0.00100
Ethylbenzene		<0.00500	mg/L	5	0.00100
Xylene		0.106	mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.487	mg/L	5	0.500	97	67.8 - 129
4-Bromofluorobenzene (4-BFB)		0.487	mg/L	5	0.500	97	51.1 - 128

Sample: 261806 - MW-9

Laboratory: Midland
Analysis: BTEX
QC Batch: 80013
Prep Batch: 67884

Analytical Method: S 8021B
Date Analyzed: 2011-04-01
Sample Preparation: 2011-04-01

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

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.0533	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		0.0219	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0971	mg/L	1	0.100	97	67.8 - 129
4-Bromofluorobenzene (4-BFB)		0.102	mg/L	1	0.100	102	51.1 - 128

Sample: 261807 - MW-10

Laboratory: Midland
Analysis: BTEX
QC Batch: 80013
Prep Batch: 67884

Analytical Method: S 8021B
Date Analyzed: 2011-04-01
Sample Preparation: 2011-04-01

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

Report Date: April 4, 2011
700376.049.01

Work Order: 11032528
C.S. Cayler

Page Number: 5 of 10
Hobbs, NM

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.0211	mg/L	1	0.00100
Toluene		0.0100	mg/L	1	0.00100
Ethylbenzene		0.00660	mg/L	1	0.00100
Xylene		0.0229	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0857	mg/L	1	0.100	86	67.8 - 129
4-Bromofluorobenzene (4-BFB)		0.0878	mg/L	1	0.100	88	51.1 - 128

Sample: 261808 - MW-11

Laboratory: Midland
Analysis: BTEX
QC Batch: 80013
Prep Batch: 67884

Analytical Method: S 8021B
Date Analyzed: 2011-04-01
Sample Preparation: 2011-04-01

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

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)		0.101	mg/L	1	0.100	101	67.8 - 129
4-Bromofluorobenzene (4-BFB)		0.100	mg/L	1	0.100	100	51.1 - 128

Sample: 261809 - MW-13

Laboratory: Midland
Analysis: BTEX
QC Batch: 80013
Prep Batch: 67884

Analytical Method: S 8021B
Date Analyzed: 2011-04-01
Sample Preparation: 2011-04-01

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

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.168	mg/L	1	0.00100
Toluene		0.00760	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		0.0447	mg/L	1	0.00100

Report Date: April 4, 2011
700376.049.01

Work Order: 11032528
C.S. Cayler

Page Number: 6 of 10
Hobbs, NM

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.101	mg/L	1	0.100	101	67.8 - 129
4-Bromofluorobenzene (4-BFB)		0.108	mg/L	1	0.100	108	51.1 - 128

Sample: 261810 - MW-14

Laboratory: Midland
Analysis: BTEX
QC Batch: 80013
Prep Batch: 67884

Analytical Method: S 8021B
Date Analyzed: 2011-04-01
Sample Preparation: 2011-04-01

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

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)		0.107	mg/L	1	0.100	107	67.8 - 129
4-Bromofluorobenzene (4-BFB)		0.103	mg/L	1	0.100	103	51.1 - 128

Sample: 261811 - MW-15

Laboratory: Midland
Analysis: BTEX
QC Batch: 80013
Prep Batch: 67884

Analytical Method: S 8021B
Date Analyzed: 2011-04-01
Sample Preparation: 2011-04-01

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

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)		0.102	mg/L	1	0.100	102	67.8 - 129
4-Bromofluorobenzene (4-BFB)		0.102	mg/L	1	0.100	102	51.1 - 128

Report Date: April 4, 2011
700376.049.01

Work Order: 11032528
C.S. Cayler

Page Number: 7 of 10
Hobbs, NM

Sample: 261812 - MW-16

Laboratory: Midland
Analysis: BTEX
QC Batch: 80013
Prep Batch: 67884

Analytical Method: S 8021B
Date Analyzed: 2011-04-01
Sample Preparation: 2011-04-01

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

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.0623	mg/L	1	0.00100
Toluene		0.00800	mg/L	1	0.00100
Ethylbenzene		0.00830	mg/L	1	0.00100
Xylene		0.0216	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 - 129
4-Bromofluorobenzene (4-BFB)		0.0988	mg/L	1	0.100	99	51.1 - 128

Sample: 261813 - MW-17

Laboratory: Midland
Analysis: BTEX
QC Batch: 80013
Prep Batch: 67884

Analytical Method: S 8021B
Date Analyzed: 2011-04-01
Sample Preparation: 2011-04-01

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

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)		0.104	mg/L	1	0.100	104	67.8 - 129
4-Bromofluorobenzene (4-BFB)		0.101	mg/L	1	0.100	101	51.1 - 128

Sample: 261814 - MW-18

Laboratory: Midland
Analysis: BTEX
QC Batch: 80013
Prep Batch: 67884

Analytical Method: S 8021B
Date Analyzed: 2011-04-01
Sample Preparation: 2011-04-01

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

Report Date: April 4, 2011
700376.049.01

Work Order: 11032528
C.S. Cayler

Page Number: 8 of 10
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)		0.102	mg/L	1	0.100	102	67.8 - 129
4-Bromofluorobenzene (4-BFB)		0.0980	mg/L	1	0.100	98	51.1 - 128

Method Blank (1) QC Batch: 80013

QC Batch: 80013
Prep Batch: 67884

Date Analyzed: 2011-04-01
QC Preparation: 2011-04-01

Analyzed By: ME
Prepared By: ME

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000400	mg/L	0.001
Toluene		<0.000300	mg/L	0.001
Ethylbenzene		<0.000300	mg/L	0.001
Xylene		<0.000333	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0900	mg/L	1	0.100	90	70.2 - 118
4-Bromofluorobenzene (4-BFB)		0.0881	mg/L	1	0.100	88	47.3 - 116

Laboratory Control Spike (LCS-1)

QC Batch: 80013
Prep Batch: 67884

Date Analyzed: 2011-04-01
QC Preparation: 2011-04-01

Analyzed By: ME
Prepared By: ME

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.0901	mg/L	1	0.100	<0.000400	90	76.8 - 110
Toluene	0.0917	mg/L	1	0.100	<0.000300	92	81 - 108
Ethylbenzene	0.0993	mg/L	1	0.100	<0.000300	99	78.8 - 118
Xylene	0.298	mg/L	1	0.300	<0.000333	99	80.3 - 119

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

Report Date: April 4, 2011
700376.049.01

Work Order: 11032528
C.S. Cayler

Page Number: 9 of 10
Hobbs, NM

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.0941	mg/L	1	0.100	<0.000400	94	76.8 - 110	4	20
Toluene	0.0961	mg/L	1	0.100	<0.000300	96	81 - 108	5	20
Ethylbenzene	0.104	mg/L	1	0.100	<0.000300	104	78.8 - 118	5	20
Xylene	0.313	mg/L	1	0.300	<0.000333	104	80.3 - 119	5	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)	0.0945	0.0943	mg/L	1	0.100	94	94	66.6 - 114
4-Bromofluorobenzene (4-BFB)	0.0993	0.0997	mg/L	1	0.100	99	100	68.2 - 124

Matrix Spike (MS-1) Spiked Sample: 261805

QC Batch: 80013
Prep Batch: 67884

Date Analyzed: 2011-04-01
QC Preparation: 2011-04-01

Analyzed By: ME
Prepared By: ME

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.698	mg/L	5	0.500	0.2279	94	77.9 - 114
Toluene	0.507	mg/L	5	0.500	0.0573	90	78.3 - 111
Ethylbenzene	0.504	mg/L	5	0.500	<0.00150	101	75.3 - 110
Xylene	1.54	mg/L	5	1.50	0.1065	96	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	0.708	mg/L	5	0.500	0.2279	96	77.9 - 114	1	20
Toluene	0.518	mg/L	5	0.500	0.0573	92	78.3 - 111	2	20
Ethylbenzene	0.524	mg/L	5	0.500	<0.00150	105	75.3 - 110	4	20
Xylene	1.62	mg/L	5	1.50	0.1065	101	75.7 - 109	5	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)	0.508	0.499	mg/L	5	0.5	102	100	68.3 - 107
4-Bromofluorobenzene (4-BFB)	0.538	0.544	mg/L	5	0.5	108	109	60.1 - 135

Standard (CCV-1)

QC Batch: 80013

Date Analyzed: 2011-04-01

Analyzed By: ME

Report Date: April 4, 2011
700376.049.01

Work Order: 11032528
C.S. Cayler

Page Number: 10 of 10
Hobbs, NM

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0892	89	80 - 120	2011-04-01
Toluene		mg/L	0.100	0.0924	92	80 - 120	2011-04-01
Ethylbenzene		mg/L	0.100	0.0998	100	80 - 120	2011-04-01
Xylene		mg/L	0.300	0.300	100	80 - 120	2011-04-01

Standard (CCV-2)

QC Batch: 80013

Date Analyzed: 2011-04-01

Analyzed By: ME

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0943	94	80 - 120	2011-04-01
Toluene		mg/L	0.100	0.0964	96	80 - 120	2011-04-01
Ethylbenzene		mg/L	0.100	0.104	104	80 - 120	2011-04-01
Xylene		mg/L	0.300	0.314	105	80 - 120	2011-04-01

Standard (CCV-3)

QC Batch: 80013

Date Analyzed: 2011-04-01

Analyzed By: ME

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0944	94	80 - 120	2011-04-01
Toluene		mg/L	0.100	0.0957	96	80 - 120	2011-04-01
Ethylbenzene		mg/L	0.100	0.104	104	80 - 120	2011-04-01
Xylene		mg/L	0.300	0.312	104	80 - 120	2011-04-01

