AP - 54

STAGE 1 & 2 REPORTS (Quarterly)

DATE: 11-5-08

PLAINS
PIPELINE, L.P.

RECEIVED
2008 NOV 6 PM 3 44

November 5, 2008

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. Hobbs Junction Mainline Release Site
NMOCD Reference # AP-054
Unit Letter M of Section 26, Township 18 South, Range 37 East
Lea County, New Mexico

Dear Mr. Hansen:

Plains Pipeline, L.P. is please to submit the attached Quarterly Report, dated November 5, 2008, for the Hobbs Junction Mainline release site located in Section 26 of Township 18 South, and Range 37 East of Lea County, New Mexico. This document summarizes the status of recent activities performed during the third quarter of 2008.

Should you have any questions or comments, please contact me at (432) 557-5865.

Sincerely,

Daniel Bryant
Environmental Specialist
Office: 432-686-1769
Cell: 432-557-5865

CC: Larry Johnson, NMOCD, Hobbs Office

Enclosure

TALON
"All the Pieces"

921 North Bivins
Amarillo, Texas 79107
Phone 806.467.0607
Fax 806.467.0622

3003 Tom Gary Cove
Building C-100
Round Rock, Texas 78664
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
17170 Jordan Road
Suite 102
Selma, Texas 78154
Phone 210.579.0235
Fax 210.568.2191

TULSA
9906 East 43rd Street
Suite G
Tulsa, Oklahoma 74146
Phone 918.742.0871
Fax 918.742.0876

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

TYLER
719 West Front Street
Suite 255
Tyler, Texas 75702
Phone 903.531.9971
Fax 903.531.9979

HOUSTON
3233 West 11th Street
Suite 400
Houston, Texas 77008
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ENVIRONMENTAL CONSULTING
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Toll Free: 866.742.0742
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November 5, 2008

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

Re: Plains Pipeline, L.P. Hobbs Junction Mainline (Plains SRS#2003-00017)
Third Quarter 2008 Summary
NMOCD Reference # AP-054
UL-M (SW¼ of the SW¼) of Section 26, T18S, R37E
Latitude: 32° 42' 40.85"N and Longitude: 103° 13' 42.01"W
Landowner: State of New Mexico and Ms. Faye Klein
Lea County, New Mexico

Dear Mr. Hansen:

Talon/LPE, on behalf of Plains Pipeline, L.P. (Plains) submits this letter summarizing the third quarter activities.

Remediation Activities

Six skimmer pumps are utilized to recover phase separated hydrocarbons (PSH) and inhibit migration of the PSH plume. A frac tank is utilized to contain the purge water and PSH. The frac tank is gauged weekly to monitor PSH recovery. The monthly recovery for the site averaged eight barrels of PSH per month for the third quarter. Accurate product volumes are determined when the PSH is removed via vacuum truck. A summary of the historical groundwater gauging data is provided in Table 1.

Plains has completed a contract with Oxy for water disposal access at the Oxy North Hobbs Satellite 25 facility that is located approximately 2.5 miles to the northeast of the site. Plains is currently in the process of obtaining right-of-way access in order to lay poly pipe to the disposal facility. Upon receiving right-of-way access, a 4-inch poly line will be placed to connect the remediation site to the disposal facility.

Quarterly Sampling Event

From August 20-22, 2008, the third quarter groundwater sampling event occurred. During the sampling event, groundwater samples from monitor wells MW-10, MW-16, MW-18 through MW-24 were submitted to the laboratory for quantification of benzene, toluene, ethylbenzene, and total xylenes (BTEX) using SW-846 Method 8021B and poly-aromatic hydrocarbons (PAH) using SW-846 Method 8270C.

Analytical results from the August 20-22, 2008 sampling event indicate that BTEX constituents were detected above the laboratory reporting limits in monitor wells MW-10, MW-20, and MW-21. Benzene concentrations exceeded the New Mexico Water Quality Control Commission (NMWQCC) groundwater standard of 0.010 mg/L in monitor wells MW-10 (3.90 mg/L), MW-20 (31.0 mg/L), and MW-21 (0.849 mg/L). Analytical results for the third quarter sampling event are summarized in Table 2 and Figure 3c. The groundwater gradient map for the third quarter is presented as Figure 2c.

The August 2008 sampling event indicated that PAH constituents were below laboratory reporting limits for monitor wells MW-16, MW-18, MW-19, MW-22, MW-23, and MW-24. Monitor well MW-10 contained dibenzofuran (0.000254 mg/L) and 1-Methylnaphthalene (0.00181 mg/L). Monitor well MW-20 contained dibenzofuran (0.00207 mg/L), fluorene (0.00125 mg/L), 1-Methylnaphthalene (0.0232 mg/L), 2-Methylnaphthalene (0.0139 mg/L), naphthalene (0.0323 mg/L), and phenanthrene (0.00114 mg/L). Monitor well MW-21 contained 1-Methylnaphthalene (0.00116 mg/L). The NMWQCC does not list an action level for dibenzofuran, fluorene, 1-Methylnaphthalene, 2-Methylnaphthalene, or phenanthrene. Naphthalene concentrations exceeded the NMWQCC standard of 0.030 mg/L in monitor well MW-20. PAH analytical results are summarized in Table 3.

NMOCD Requested Sampling Event

In addition to the regular quarterly sampling, the New Mexico Oil Conservation Division (NMOCD) requested that the wells containing PSH be sampled on an annual basis. Talon sampled the groundwater beneath the PSH from monitor wells MW-1 through MW-6, MW-11, MW-12, MW-14, MW-15, and MW-17 during this sampling event. The groundwater samples were submitted for quantification benzene, toluene, ethylbenzene, and total xylenes (BTEX) using SW-846 Method 8021B, total petroleum hydrocarbon (TPH) using Method 8015M/GRO-DRO, and poly-aromatic hydrocarbons (PAH) using SW-846 Method 8270C.

The August sampling event indicated that BTEX concentrations exceeded the NMWQCC remedial limits in monitor wells MW-1 through MW-6, MW-11, MW-12, MW-14, MW-15, and MW-17. Benzene concentrations ranged from 5.04 mg/L to 44.0 mg/L. Toluene concentrations ranged from 2.71 mg/L to 22.0 mg/L. Ethylbenzene concentrations ranged from 0.593 mg/L to 3.19 mg/L. Xylene concentrations ranged from 0.644 mg/L to 6.02 mg/L. The NMWQCC does not list an action level for total petroleum hydrocarbons (TPH). Analytical results for the third quarter sampling event are summarized in Table 2 and Figure 4.

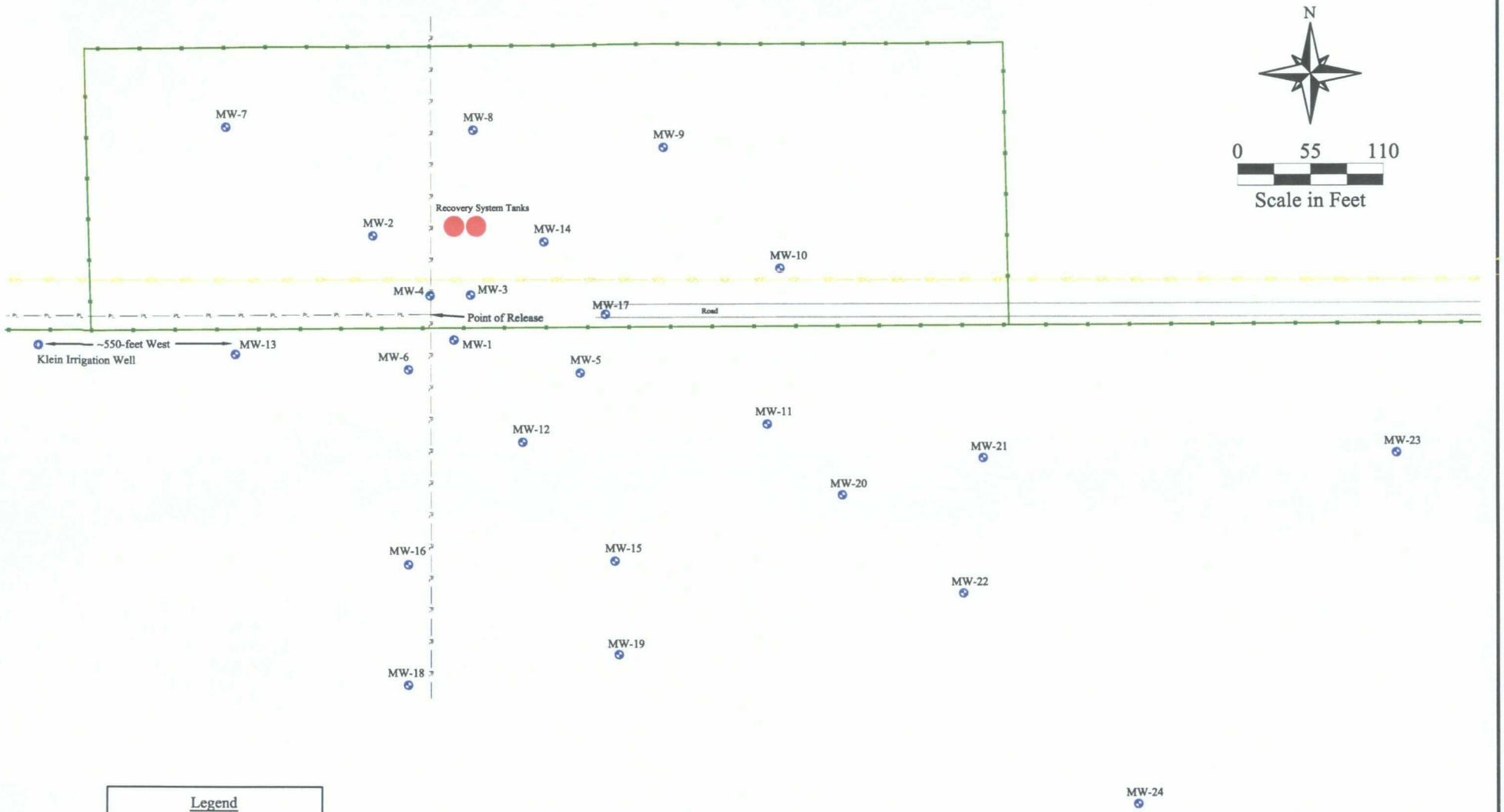
The monitor wells that contain PSH exhibited PAH constituents above laboratory reporting limits. One constituent, naphthalene, was present at concentrations of up to 0.102 mg/L in monitor well MW-4. PAH analytical results, for monitor wells that contain PSH, are summarized in Table 4.

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

Sincerely,

Shanna L. Smith
Project Manager

Enclosures:
Figure 1 – Site Plan
Figure 2c – Groundwater Gradient Map (8/19/2008)
Figure 3c – PSH Thickness & Groundwater Concentration Map (8/19/2008)
Figure 4 – Groundwater Concentration in Wells with PSH Map (8/19/2008)
Table 1 – Groundwater Elevations and Phase Separated Hydrocarbon (PSH) Thickness
Table 2 – Summary of Groundwater Analytical Results
Table 3 – Summary of Groundwater Poly-Aromatic Hydrocarbon Analytical Results
Table 4 – Summary of PSH Monitor Wells Groundwater Poly-Aromatic Hydrocarbon Analytical Results
Laboratory Analytical Data Sheets and Chain of Custody Documentation



TALON LPE

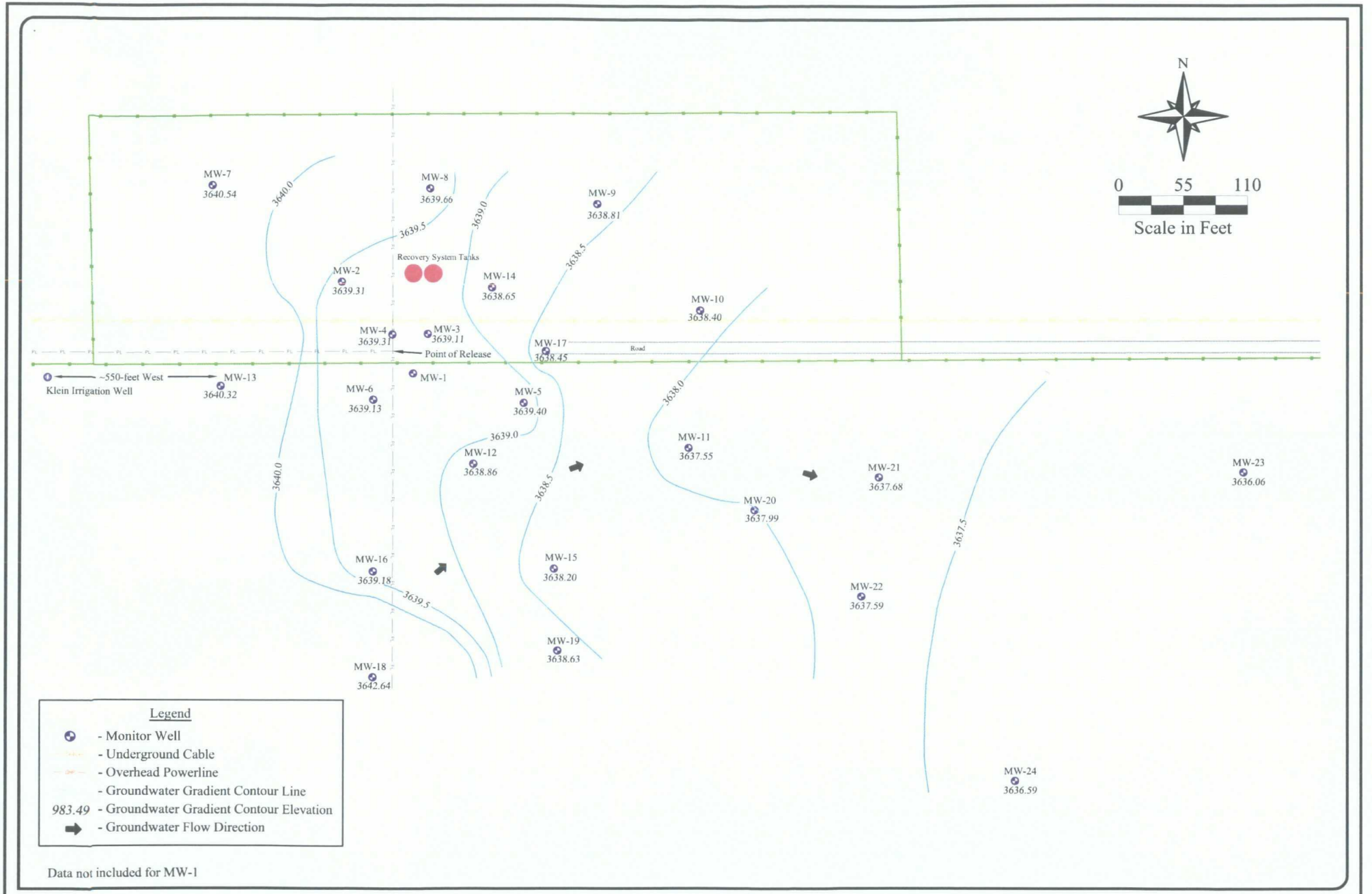
Date:	05/23/2008
Scale:	1" = 110'
Drawn By:	SJA

Hobbs Junction Mainline

SRS # 2003-00017 , NMOCD REF. # AP-054

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico

Figure 1 - Site Plan



Data not included for MW-1

TALON LPE

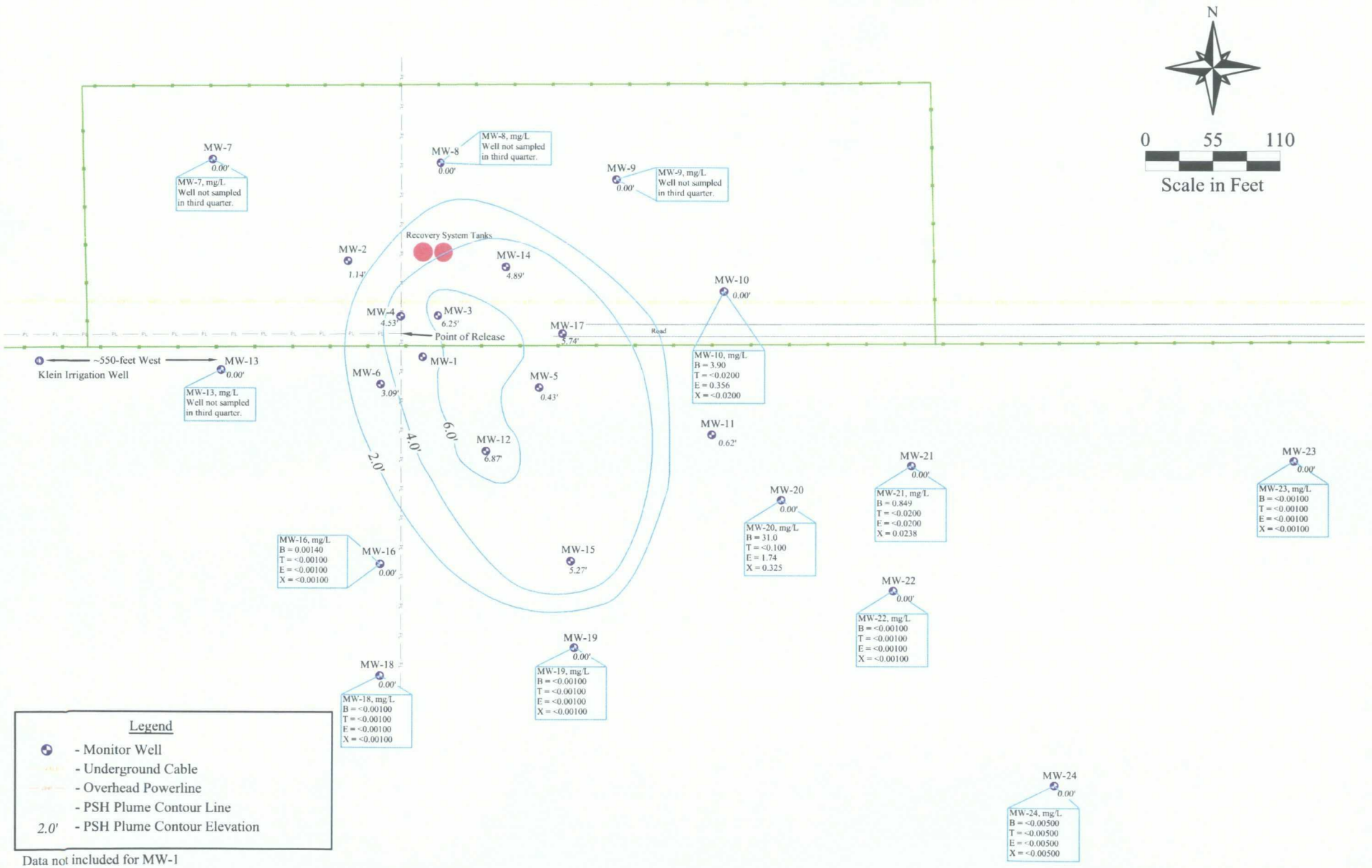
Date:	09/29/2008
Scale:	1" = 110'
Drawn By:	SJA

Hobbs Junction Mainline

SRS # 2003-00017 , NMOCD REF. # AP-054

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico

Figure 2c - Groundwater Gradient Map, (08/19/2008)



TALON LPE

Date: 11/04/2008

Scale: 1" = 110'

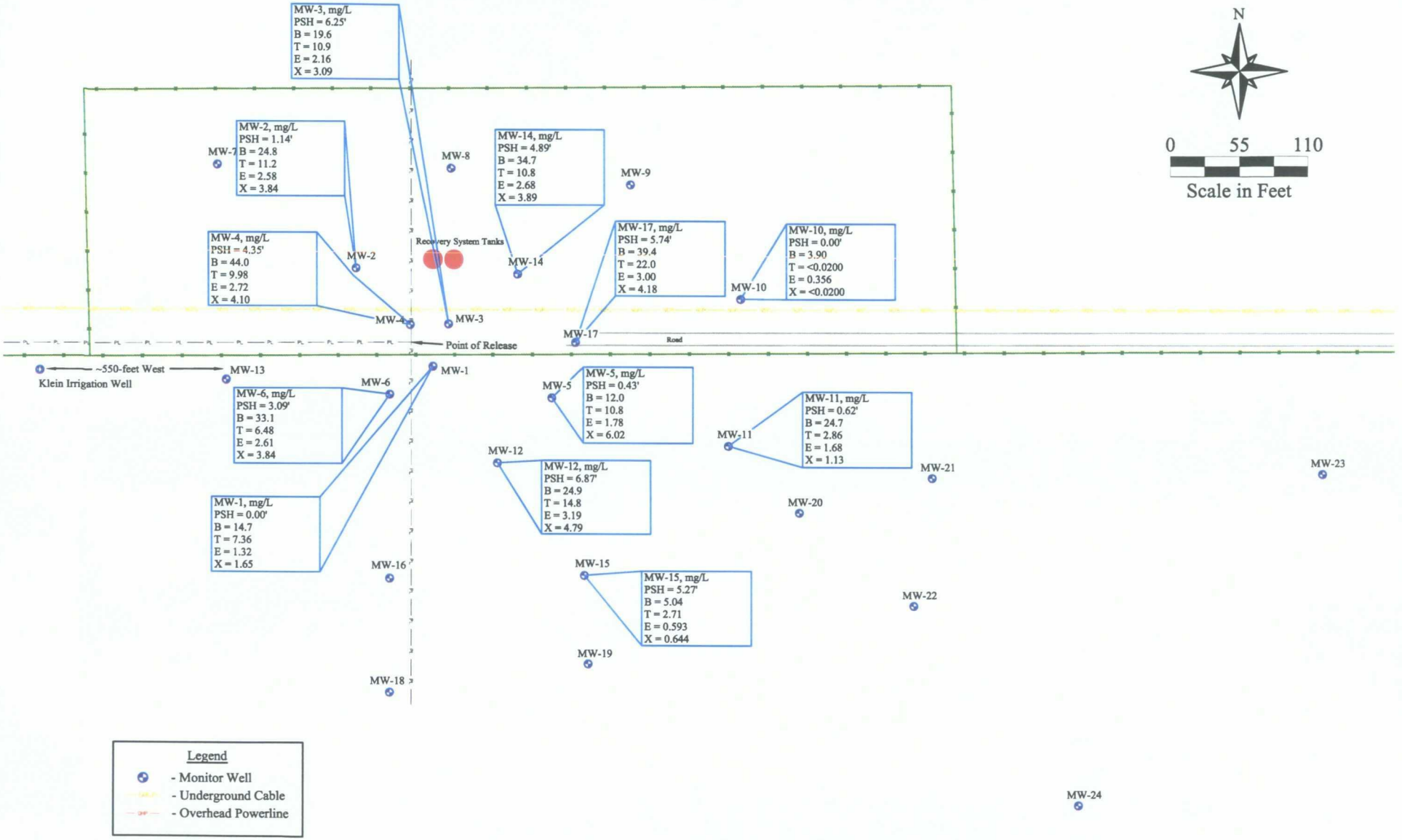
Drawn By: SJA

Hobbs Junction Mainline

SRS # 2003-00017 , NMOCD REF. # AP-054

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico

Figure 3c - PSH Thickness & Groundwater Concentration Map, (08/19/2008)



TALON LPE

Date:	09/29/2008
Scale:	1" = 110'
Drawn By:	SJA

Hobbs Junction Mainline

SRS # 2003-00017 , NMOCD REF. # AP-054

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico

Figure 4 - Groundwater Concentration in Wells With PSH Map, (08/19/2008)

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-1	06/23/03	3,678.50	38.49	45.43	6.94		3,639.32
MW-1	06/25/03		38.48	45.43	6.95		3,639.33
MW-1	07/01/03		36.64	48.25	11.61		3,640.70
MW-1	07/07/03		38.73	45.55	6.82		3,639.09
MW-1	07/22/03		37.32	48.05	10.73		3,640.11
MW-1	07/23/03		37.33	48.06	10.73		3,640.10
MW-1	07/24/03		37.40	47.90	10.50		3,640.05
MW-1	07/30/03		37.41	47.90	10.49		3,640.04
MW-1	10/13/03		36.81	47.34	10.53		3,640.64
MW-1	12/11/03		37.79	46.85	9.06		3,639.80
MW-1	12/15/03		37.75	46.77	9.02		3,639.85
MW-1	02/18/04		38.42	47.64	9.22		3,639.16
MW-1	03/29/04		37.45	45.35	7.90		3,640.26
MW-1	04/29/04		38.26	42.18	3.92		3,639.85
MW-1	05/03/04		37.44	46.11	8.67		3,640.19
MW-1	07/12/04		38.34	45.66	7.32		3,639.43
MW-1	12/09/04		35.90	43.54	7.64		3,641.84
MW-1	02/16/05		35.15	42.54	7.39		3,642.61
MW-1	03/31/05		35.27	42.81	7.54		3,642.48
MW-1	05/13/05		35.31	42.60	7.29		3,642.46
MW-1	05/26/05		35.41	42.61	7.20		3,642.37
MW-1	06/28/05		35.48	42.65	7.17		3,642.30
MW-1	08/15/05		35.72	42.16	6.44		3,642.14
MW-1	11/14/05		36.26	41.80	5.54		3,641.69
MW-1	01/23/06		36.71	42.14	5.43		3,641.25
MW-1	03/02/06		36.36	41.41	5.05		3,641.64
MW-1	06/01/06		37.58	42.01	4.43		3,640.48
MW-1	08/14/06		37.63	43.68	6.05		3,640.27
MW-1	11/28/06		37.27	42.50	5.23		3,640.71
MW-1	12/12/06		37.25	41.49	4.24		3,640.83
MW-1	01/09/07		37.31	42.71	5.40		3,640.65
MW-1	02/08/07		37.25	42.78	5.53		3,640.70

TALON LPE

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-1	02/27/07		37.34	42.88	5.54	8.00	3,640.61
MW-1	03/09/07		37.30	42.74	5.44		3,640.66
MW-1	03/13/07		37.28	42.78	5.50	4.00	3,640.67
MW-1	03/15/07		37.31	42.79	5.48	4.00	3,640.64
MW-1	03/23/07		37.32	42.80	5.48		3,640.63
MW-1	03/28/07		37.30	42.78	5.48		3,640.65
MW-1	04/12/07		38.03	42.40	4.37		3,640.03
MW-1	04/18/07		37.47	42.61	5.14		3,640.52
MW-1	05/23/07		38.28	42.24	3.96		3,639.82
MW-1	06/20/07		37.90	41.74	3.84		3,640.22
MW-1	06/28/07		37.87	41.69	3.82		3,640.25
MW-1	07/18/07		37.95	41.63	3.68		3,640.18
MW-1	08/15/07		37.74	42.62	4.88		3,640.27
MW-1	08/22/07		38.41	39.20	0.79		3,640.01
MW-1	08/28/07		38.76	39.08	0.32		3,639.71
MW-1	09/19/07		37.99	40.99	3.00		3,640.21
MW-1	09/25/07		39.30	39.93	0.63		3,639.14
MW-1	10/09/07		38.52	38.90	0.38		3,639.94
MW-1	10/17/07		38.51	38.88	0.37		3,639.95
MW-1	10/26/07		38.49	38.91	0.42		3,639.97
MW-1	11/05/07		38.16	42.11	3.95		3,639.95
MW-1	11/12/07		38.51	38.96	0.45		3,639.95
MW-1	12/05/07		38.12	40.88	2.76		3,640.10
MW-1	01/03/08		38.12	41.04	2.92		3,640.09
MW-1	01/30/08		38.03	41.94	3.91		3,640.08
MW-1	02/04/08		38.02	41.97	3.95		3,640.09
MW-1	02/12/08		38.04	41.96	3.92		3,640.07
MW-1	03/11/08		38.26	41.29	3.03		3,639.94
MW-1	03/26/08		38.82	39.06	0.24		3,639.66
MW-1	04/02/08		39.21	39.42	0.21		3,639.27
MW-1	04/16/08		38.87	39.24	0.37		3,639.59

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-1	04/29/08		38.87	39.66	0.86		3,639.61
MW-1	05/07/08		38.94	42.34	3.40		3,639.22
MW-1	06/11/08		38.57	42.36	3.79		3,639.55
MW-1	06/20/08		38.59	42.58	3.99		3,639.51
MW-1	07/22/08		38.54	42.37	3.83		3,639.58
MW-1	07/24/08		39.94	40.41	0.47		3,638.51
MW-1	08/19/08		38.76	39.88	1.12		3,639.63
MW-1	08/20/08		38.74	43.89	5.15		3,639.25
MW-2	06/26/03	3,679.47	38.72	44.93	6.21		3,640.13
MW-2	07/01/03		38.65	45.42	6.77		3,640.14
MW-2	07/22/03		38.63	45.63	7.00		3,640.14
MW-2	07/23/03		38.64	45.63	6.99		3,640.13
MW-2	07/24/03		39.20	43.57	4.37		3,639.83
MW-2	07/30/03		39.21	43.58	4.37		3,639.82
MW-2	12/11/03		38.88	45.51	6.63		3,639.93
MW-2	12/15/03		38.84	45.41	6.57		3,639.97
MW-2	03/23/04		38.36	44.52	6.16		3,640.49
MW-2	03/29/04		38.47	44.04	5.57		3,640.44
MW-2	04/29/04		38.16	48.06	9.90		3,640.32
MW-2	05/03/04		38.39	44.27	5.88		3,640.49
MW-2	07/12/04		39.42	44.67	5.25		3,639.53
MW-2	12/09/04		37.00	42.52	5.52		3,641.92
MW-2	02/16/05		36.87	44.03	7.16		3,641.88
MW-2	03/31/05		36.17	41.85	5.68		3,642.73
MW-2	05/13/05		36.27	42.10	5.83		3,642.62
MW-2	05/26/05		36.84	39.29	2.45		3,642.39
MW-2	06/28/05		36.39	41.57	5.18		3,642.56
MW-2	08/15/05		37.15	38.92	1.77		3,642.14
MW-2	11/14/05		37.56	39.16	1.60		3,641.75

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-2	01/23/06		38.01	39.54	1.53		3,641.31
MW-2	03/02/06		37.60	38.93	1.33		3,641.74
MW-2	06/01/06		38.48	41.05	2.57		3,640.73
MW-2	08/14/06		39.23	41.24	2.01		3,640.04
MW-2	11/28/06		38.33	40.73	2.40		3,640.90
MW-2	12/12/06		37.80	44.10	6.30		3,641.04
MW-2	01/09/07		38.20	42.21	4.01		3,640.87
MW-2	02/08/07		37.94	42.60	4.66		3,641.06
MW-2	02/27/07		38.15	43.34	5.19	8.00	3,640.80
MW-2	03/09/07		38.07	42.24	4.17		3,640.98
MW-2	03/13/07		38.07	42.32	4.25	3.50	3,640.98
MW-2	03/15/07		38.09	42.39	4.30	4.50	3,640.95
MW-2	03/23/07		38.16	42.00	3.84		3,640.93
MW-2	03/28/07		38.13	42.22	4.09		3,640.93
MW-2	04/12/07		38.51	41.93	3.42		3,640.62
MW-2	04/18/07		38.97	39.73	0.76		3,640.42
MW-2	05/23/07		38.98	39.50	0.52		3,640.44
MW-2	06/20/07		38.94	39.90	0.96		3,640.43
MW-2	06/28/07		38.66	40.88	2.22		3,640.59
MW-2	07/18/07		38.53	41.85	3.32		3,640.61
MW-2	08/15/07		38.50	42.11	3.61		3,640.61
MW-2	08/28/07		38.40	42.21	3.81		3,640.69
MW-2	09/19/07		38.41	42.18	3.77		3,640.68
MW-2	09/25/07		38.41	42.20	3.79		3,640.68
MW-2	10/09/07		38.86	40.37	1.51		3,640.46
MW-2	10/17/07		38.93	40.07	1.14		3,640.43
MW-2	10/26/07		38.68	41.27	2.59		3,640.53
MW-2	11/05/07		38.80	40.64	1.84		3,640.49
MW-2	11/12/07		38.91	40.23	1.32		3,640.43
MW-2	12/05/07		38.72	41.51	2.79		3,640.47
MW-2	01/03/08		39.87	41.11	1.24		3,639.48

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-2	01/30/08		38.76	41.78	3.02		3,640.41
MW-2	02/04/08		38.81	41.82	3.01		3,640.36
MW-2	02/12/08		38.78	41.80	3.02		3,640.39
MW-2	03/11/08		39.28	39.79	0.51		3,640.14
MW-2	03/26/08		39.38	39.65	0.27		3,640.06
MW-2	04/02/08		39.44	39.67	0.23		3,640.01
MW-2	04/29/08		39.11	41.58	2.47		3,640.11
MW-2	04/16/08		39.28	40.63	1.35		3,640.06
MW-2	05/07/08		39.08	42.88	3.80		3,640.01
MW-2	06/11/08		39.74	39.91	0.17		3,639.71
MW-2	06/20/08		39.78	40.21	0.43		3,639.65
MW-2	07/24/08		40.33	41.46	1.13		3,639.03
MW-2	08/19/08		40.05	41.19	1.14		3,639.31
MW-2	09/02/08		39.25	40.76	1.51		3,640.07
MW-3	10/13/03	3,679.81	39.21	48.75	9.54		3,639.65
MW-3	12/11/03		39.15	48.95	9.80		3,639.68
MW-3	12/15/03		39.08	50.91	11.83		3,639.55
MW-3	02/18/04		38.72	48.26	9.54		3,640.14
MW-3	03/12/04		39.82	48.49	8.67		3,639.12
MW-3	03/29/04		38.81	46.32	7.51		3,640.25
MW-3	04/29/04		39.49	44.11	4.62		3,639.86
MW-3	05/03/04		38.77	46.51	7.74		3,640.27
MW-3	07/12/04		39.68	46.81	7.13		3,639.42
MW-3	12/09/04		37.21	45.06	7.85		3,641.82
MW-3	02/16/05		36.70	42.67	5.97		3,642.51
MW-3	03/31/05		38.17	38.20	0.03		3,641.64
MW-3	05/13/05		36.67	44.45	7.78		3,642.36
MW-3	05/26/05		36.92	42.88	5.96		3,642.29
MW-3	06/28/05		36.72	44.05	7.33		3,642.36

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-3	08/15/05		37.12	43.17	6.05		3,642.09
MW-3	11/14/05		37.69	42.67	4.98		3,641.62
MW-3	01/23/06		38.08	43.31	5.23		3,641.21
MW-3	03/02/06		37.80	42.37	4.57		3,641.55
MW-3	06/01/06		38.50	42.53	4.03		3,640.91
MW-3	08/14/06		39.27	44.64	5.37		3,640.00
MW-3	11/28/06		38.61	43.75	5.14		3,640.69
MW-3	12/12/06		38.56	43.91	5.35		3,640.72
MW-3	01/09/07		38.36	43.21	4.85		3,640.97
MW-3	02/08/07		38.50	44.15	5.65		3,640.75
MW-3	02/27/07		38.67	44.25	5.58	9.00	3,640.58
MW-3	03/09/07		38.89	44.13	5.24		3,640.40
MW-3	03/13/07		38.58	44.19	5.61	4.50	3,640.67
MW-3	03/15/07		38.62	44.23	5.61	5.00	3,640.63
MW-3	03/23/07		38.61	44.12	5.51		3,640.65
MW-3	03/28/07		38.61	44.23	5.62		3,640.64
MW-3	04/12/07		39.88	39.93	0.05		3,639.93
MW-3	04/18/07		39.64	41.30	1.66		3,640.00
MW-3	05/23/07		39.96	40.32	0.36		3,639.81
MW-3	06/20/07		39.86	40.20	0.34		3,639.92
MW-3	06/28/07		39.86	40.12	0.26		3,639.92
MW-3	07/18/07		39.89	40.19	0.30		3,639.89
MW-3	08/15/07		39.12	43.68	4.56		3,640.23
MW-3	08/22/07		39.11	43.56	4.45		3,640.26
MW-3	08/28/07		39.30	43.09	3.79		3,640.13
MW-3	09/19/07		39.12	43.20	4.08		3,640.28
MW-3	09/25/07		39.17	42.94	3.77		3,640.26
MW-3	10/09/07		39.07	41.74	2.67		3,640.47
MW-3	10/17/07		39.12	43.44	4.32		3,640.26
MW-3	10/26/07		39.24	42.99	3.75		3,640.20
MW-3	11/05/07		39.19	43.10	3.91		3,640.23

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-3	11/12/07		39.90	40.21	0.31		3,639.88
MW-3	12/05/07		39.64	41.52	1.88		3,639.98
MW-3	01/03/08		39.68	41.72	2.04		3,639.93
MW-3	01/30/08		39.65	41.53	1.88		3,639.97
MW-3	02/04/08		39.70	41.59	1.89		3,639.92
MW-3	02/12/08		39.65	41.59	1.94		3,639.97
MW-3	03/11/08		39.46	41.82	2.36		3,640.11
MW-3	03/26/08		40.15	40.41	0.26		3,639.63
MW-3	04/02/08		41.21	41.47	0.26		3,638.57
MW-3	04/16/08		40.21	40.55	0.34		3,639.57
MW-3	04/29/08		40.22	40.69	0.47		3,639.54
MW-3	05/07/08		40.29	43.96	3.67		3,639.15
MW-3	06/11/08		39.89	44.65	4.76		3,639.44
MW-3	06/20/08		39.90	43.91	4.01		3,639.51
MW-3	07/22/08		40.41	41.58	1.17		3,639.28
MW-3	07/24/08		40.51	45.03	4.52		3,638.85
MW-3	08/19/08		40.08	46.33	6.25		3,639.11
MW-3	08/20/08		40.08	45.33	5.25		3,639.21
MW-4	10/13/03	3,679.64	39.01	48.75	9.74		3,639.66
MW-4	12/11/03		38.92	47.32	8.40		3,639.88
MW-4	12/15/03		38.84	47.16	8.32		3,639.97
MW-4	02/18/04		38.48	46.62	8.14		3,640.35
MW-4	03/12/04		39.09	47.51	8.42		3,639.71
MW-4	03/29/04		38.59	45.62	7.03		3,640.35
MW-4	04/29/04		39.94	44.23	4.29		3,639.27
MW-4	05/03/04		38.55	46.33	7.78		3,640.31
MW-4	07/12/04		39.49	46.24	6.75		3,639.48
MW-4	12/09/04		37.03	44.15	7.12		3,641.90
MW-4	02/16/05		36.28	43.01	6.73		3,642.69

TALON LPE

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-4	03/31/05		36.45	42.62	6.17		3,642.57
MW-4	05/13/05		36.37	43.25	6.88		3,642.58
MW-4	05/26/05		36.51	42.79	6.28		3,642.50
MW-4	06/28/05		36.47	43.26	6.79		3,642.49
MW-4	08/15/05		36.79	42.80	6.01		3,642.25
MW-4	11/14/05		37.35	42.24	4.89		3,641.80
MW-4	01/23/06		37.80	42.66	4.86		3,641.35
MW-4	03/02/06		37.43	41.97	4.54		3,641.76
MW-4	06/01/06		38.16	43.90	5.74		3,640.91
MW-4	08/14/06		39.01	44.12	5.11		3,640.12
MW-4	11/28/06		38.37	43.91	5.54		3,640.72
MW-4	12/12/06		38.35	43.06	4.71		3,640.82
MW-4	01/09/07		37.86	44.18	6.32		3,641.15
MW-4	02/08/07		38.28	44.93	6.65		3,640.70
MW-4	02/27/07		38.40	44.38	5.98	9.00	3,640.64
MW-4	03/09/04		38.34	43.32	4.98		3,640.80
MW-4	03/13/07		38.34	43.35	5.01	3.50	3,640.80
MW-4	03/15/07		38.30	43.38	5.08	5.00	3,640.83
MW-4	03/23/07		38.38	43.37	4.99		3,640.76
MW-4	03/28/07		38.37	43.42	5.05		3,640.77
MW-4	04/12/07		38.71	42.96	4.25		3,640.51
MW-4	04/18/07		38.00	43.14	5.14		3,641.13
MW-4	05/23/07		39.87	42.73	2.86		3,639.48
MW-4	06/20/07		38.90	42.52	3.62		3,640.38
MW-4	06/28/07		38.92	42.34	3.42		3,640.38
MW-4	07/18/07		38.99	42.36	3.37		3,640.31
MW-4	08/15/07		39.00	42.33	3.33		3,640.31
MW-4	08/22/07		38.97	42.27	3.30		3,640.34
MW-4	08/28/07		39.12	41.89	2.77		3,640.24
MW-4	09/19/07		38.89	42.32	3.43		3,640.41
MW-4	09/25/07		39.07	41.64	2.57		3,640.31

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-4	10/09/07		39.12	41.74	2.62		3,640.26
MW-4	10/17/07		39.12	41.66	2.54		3,640.27
MW-4	10/26/07		39.10	41.42	2.32		3,640.31
MW-4	11/05/07		38.94	42.60	3.66		3,640.33
MW-4	11/12/07		39.27	41.09	1.82		3,640.19
MW-4	12/05/07		39.04	41.98	2.94		3,640.31
MW-4	01/03/08		39.26	41.74	2.48		3,640.13
MW-4	01/30/08		39.08	41.55	2.47		3,640.31
MW-4	02/04/08		39.15	41.61	2.46		3,640.24
MW-4	02/12/08		39.10	41.62	2.52		3,640.29
MW-4	03/11/08		39.36	41.86	2.50		3,640.03
MW-4	03/26/08		39.18	42.99	3.81		3,640.08
MW-4	04/02/08		39.24	43.07	3.83		3,640.02
MW-4	04/16/08		39.69	41.09	1.40		3,639.81
MW-4	04/29/08		39.77	41.04	1.27		3,639.74
MW-4	05/07/08		40.07	43.59	3.52		3,639.22
MW-4	06/11/08		39.69	42.97	3.28		3,639.62
MW-4	06/20/08		39.65	43.07	3.42		3,639.65
MW-4	07/22/08		39.51	43.35	3.84		3,639.75
MW-4	07/24/08		40.98	41.16	0.18		3,638.64
MW-4	08/19/08		39.88	44.41	4.53		3,639.31
MW-4	08/20/08		39.97	44.42	4.45		3,639.23
MW-5	10/13/03	3,679.26	40.35	43.02	2.67		3,638.64
MW-5	12/11/03		38.95	47.81	8.86		3,639.42
MW-5	12/15/03		38.91	47.72	8.81		3,639.47
MW-5	02/18/04		38.61	47.44	8.83		3,639.77
MW-5	03/29/04		38.76	46.15	7.39		3,639.76
MW-5	04/29/04		38.55	47.41	8.86		3,639.82
MW-5	05/03/04		38.52	47.46	8.94		3,639.85

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-5	07/12/04		39.24	47.72	8.48		3,639.17
MW-5	12/09/04		36.99	45.01	8.02		3,641.47
MW-5	02/16/05		36.24	44.48	8.24		3,642.20
MW-5	02/22/05		36.20	44.50	8.30		3,642.23
MW-5	03/31/05		36.38	44.38	8.00		3,642.08
MW-5	05/13/05		36.43	44.29	7.86		3,642.04
MW-5	05/26/05		36.66	43.50	6.84		3,641.92
MW-5	06/28/05		36.58	44.45	7.87		3,641.89
MW-5	08/15/05		36.93	43.52	6.59		3,641.67
MW-5	11/14/05		37.45	43.27	5.82		3,641.23
MW-5	01/23/06		37.85	43.90	6.05		3,640.81
MW-5	03/02/06		37.46	43.41	5.95		3,641.21
MW-5	06/01/06		38.74	43.32	4.58		3,640.06
MW-5	08/14/06		38.92	45.05	6.13		3,639.73
MW-5	11/28/06		38.39	44.35	5.96		3,640.27
MW-5	12/12/06		38.32	44.91	6.59		3,640.28
MW-5	01/09/07		38.47	43.56	5.09		3,640.28
MW-5	02/08/07		38.28	44.42	6.14		3,640.37
MW-5	02/27/07		38.36	45.29	6.93	10.00	3,640.21
MW-5	03/09/07		38.44	45.22	6.78		3,640.14
MW-5	03/13/07		38.36	45.08	6.72	6.00	3,640.23
MW-5	03/15/07		38.37	45.09	6.72	5.00	3,640.22
MW-5	03/23/07		38.33	45.15	6.82		3,640.25
MW-5	03/28/07		38.35	45.17	6.82		3,640.23
MW-5	04/12/07		39.69	41.87	2.18		3,639.35
MW-5	04/18/07		40.31	42.84	2.53		3,638.70
MW-5	05/23/07		39.96	40.60	0.64		3,639.24
MW-5	06/20/07		39.38	42.16	2.78		3,639.60
MW-5	06/28/07		39.87	40.41	0.54		3,639.34
MW-5	07/18/07		39.95	40.35	0.40		3,639.27
MW-5	08/22/07		39.85	40.20	0.35		3,639.38

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-5	08/28/07		39.20	42.98	3.78		3,639.68
MW-5	09/19/07		38.97	43.67	4.70		3,639.82
MW-5	09/25/07		39.14	42.87	3.73		3,639.75
MW-5	10/09/07		40.07	40.29	0.22		3,639.17
MW-5	10/17/07		39.01	43.06	4.05		3,639.85
MW-5	11/05/07		39.07	43.02	3.95		3,639.80
MW-5	12/05/07		39.13	42.26	3.13		3,639.82
MW-5	01/30/08		38.94	44.87	5.93		3,639.73
MW-5	02/04/08		39.05	44.96	5.91		3,639.62
MW-5	02/12/08		38.97	44.90	5.93		3,639.70
MW-5	03/11/08		39.54	42.71	3.17		3,639.40
MW-5	03/26/08		40.10	40.31	0.21		3,639.14
MW-5	04/02/08		40.19	40.39	0.20		3,639.05
MW-5	04/16/08		40.03	40.65	0.62		3,639.17
MW-5	04/29/08		39.14	42.99	3.85		3,639.74
MW-5	06/11/08		40.49	40.67	0.18		3,638.75
MW-5	06/20/08		40.53	40.76	0.23		3,638.71
MW-5	07/22/08		40.31	40.85	0.54		3,638.90
MW-5	07/24/08		41.25	41.39	0.14		3,638.00
MW-5	08/19/08		39.82	40.25	0.43		3,639.40
MW-5	08/20/08		39.82	40.29	0.47		3,639.39
MW-6	10/13/03	3,680.63	40.04	50.12	10.08		3,639.58
MW-6	12/11/03		40.01	48.43	8.42		3,639.78
MW-6	12/15/03		39.92	48.33	8.41		3,639.87
MW-6	02/18/04		39.63	47.81	8.18		3,640.18
MW-6	03/12/04		39.68	47.51	7.83		3,640.17
MW-6	03/29/04		39.67	46.50	6.83		3,640.28
MW-6	04/29/04		40.18	44.76	4.58		3,639.99
MW-6	05/03/04		39.66	46.63	6.97		3,640.27

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-6	07/12/04		40.52	47.68	7.16		3,639.39
MW-6	12/09/04		38.11	45.06	6.95		3,641.83
MW-6	02/16/05		36.25	44.44	8.19		3,643.56
MW-6	02/22/05		37.25	44.44	7.19		3,642.66
MW-6	03/31/05		37.52	44.15	6.63		3,642.45
MW-6	05/13/05		37.46	44.75	7.29		3,642.44
MW-6	05/26/05		37.71	43.31	5.60		3,642.36
MW-6	06/28/05		37.62	44.18	6.56		3,642.35
MW-6	08/15/05		38.09	42.77	4.68		3,642.07
MW-6	11/14/05		38.64	43.31	4.67		3,641.52
MW-6	01/23/06		39.08	42.67	3.59		3,641.19
MW-6	03/02/06		38.85	41.45	2.60		3,641.52
MW-6	06/01/06		40.06	41.84	1.78		3,640.39
MW-6	08/14/06		40.19	44.64	4.45		3,640.00
MW-6	11/28/06		39.36	44.31	4.95		3,640.78
MW-6	12/12/06		39.32	43.81	4.49		3,640.86
MW-6	01/09/07		39.71	42.41	2.70		3,640.65
MW-6	02/08/07		39.30	44.49	5.19		3,640.81
MW-6	02/27/07		39.41	44.54	5.13	7.00	3,640.71
MW-6	03/09/07		39.40	44.47	5.07		3,640.72
MW-6	03/13/07		39.40	44.47	5.07	4.00	3,640.72
MW-6	03/15/07		39.40	44.50	5.10	4.50	3,640.72
MW-6	03/23/07		39.41	44.42	5.01		3,640.72
MW-6	03/28/07		39.45	44.80	5.35		3,640.65
MW-6	04/12/07		40.33	41.37	1.04		3,640.20
MW-6	04/18/07		40.61	40.83	0.22		3,640.00
MW-6	05/23/07		40.50	40.90	0.40		3,640.09
MW-6	06/20/07		40.58	41.25	0.67		3,639.98
MW-6	06/28/07		40.24	42.01	1.77		3,640.21
MW-6	07/18/07		39.94	43.74	3.80		3,640.31
MW-6	08/15/07		40.51	41.06	0.55		3,640.07

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-6	08/22/07		40.56	40.81	0.25		3,640.05
MW-6	08/28/07		40.30	42.31	2.01		3,640.13
MW-6	09/19/07		39.78	44.04	4.26		3,640.42
MW-6	09/25/07		39.84	44.15	4.31		3,640.36
MW-6	10/09/07		39.82	44.15	4.33		3,640.38
MW-6	10/17/07		40.55	40.83	0.28		3,640.05
MW-6	10/26/07		39.98	43.54	3.56		3,640.29
MW-6	11/05/07		39.88	43.98	4.10		3,640.34
MW-6	11/12/07		39.91	43.99	4.08		3,640.31
MW-6	12/05/07		39.98	43.97	3.99		3,640.25
MW-6	01/03/08		39.66	40.44	0.78		3,640.89
MW-6	01/30/08		40.11	43.81	3.70		3,640.15
MW-6	02/04/08		40.23	43.96	3.73		3,640.03
MW-6	02/12/08		40.15	43.90	3.75		3,640.11
MW-6	03/11/08		39.64	41.79	2.15		3,640.78
MW-6	03/26/08		40.38	43.19	2.81		3,639.97
MW-6	04/02/08		40.90	41.15	0.25		3,639.71
MW-6	04/16/08		40.91	41.23	0.32		3,639.69
MW-6	04/29/08		39.96	41.28	1.32		3,640.54
MW-6	05/07/08		40.60	43.17	2.57		3,639.77
MW-6	06/11/08		41.22	41.47	0.25		3,639.39
MW-6	06/20/08		41.27	41.54	0.27		3,639.33
MW-6	07/24/08		41.98	42.18	0.20		3,638.63
MW-6	08/19/08		41.19	44.28	3.09		3,639.13
MW-6	08/20/08		41.17	44.44	3.27		3,639.13
MW-6	09/02/08		40.95	41.17	0.22		3,639.66
MW-7	01/23/04	3,679.85		39.64			3,640.21
MW-7	04/29/04			39.29			3,640.56
MW-7	05/12/04			39.29			3,640.56

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-7	06/03/04			39.27			3,640.58
MW-7	07/12/04			40.42			3,639.43
MW-7	07/19/04			40.68			3,639.17
MW-7	11/08/04			38.66			3,641.19
MW-7	03/31/05			37.07			3,642.78
MW-7	05/13/05			37.10			3,642.75
MW-7	05/23/05			37.09			3,642.76
MW-7	05/26/05			37.13			3,642.69
MW-7	06/28/05			37.16			3,642.69
MW-7	08/15/05			37.32			3,642.45
MW-7	08/17/05			37.26			3,642.59
MW-7	11/14/05			37.40			3,642.45
MW-7	01/23/06			38.12			3,641.73
MW-7	03/02/06			37.49			3,642.36
MW-7	06/01/06			38.40			3,641.45
MW-7	08/14/06			39.50			3,640.35
MW-7	11/28/06			38.61			3,641.24
MW-7	12/12/06			38.62			3,641.23
MW-7	01/09/07			38.22			3,641.63
MW-7	02/08/07			38.43			3,641.42
MW-7	02/27/07			38.67			3,641.18
MW-7	03/09/07			38.67			3,641.18
MW-7	03/13/07			38.65			3,641.20
MW-7	03/15/07			38.64			3,641.21
MW-7	03/23/07			38.51			3,641.34
MW-7	03/28/07			38.60			3,641.25
MW-7	04/12/07			38.75			3,641.10
MW-7	04/18/07			38.73			3,641.12
MW-7	05/23/07			38.70			3,641.15
MW-7	06/20/07			38.81			3,641.04
MW-7	07/18/07			38.90			3,640.95

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-7	09/19/07			38.87			3,640.98
MW-7	11/02/07			38.96			3,640.89
MW-7	11/16/07			38.90			3,640.95
MW-7	12/05/07			38.99			3,640.86
MW-7	01/30/08			39.03			3,640.82
MW-7	03/11/08			39.13			3,640.72
MW-7	04/29/08			39.13			3,640.72
MW-7	05/09/08			39.16			3,640.69
MW-7	06/11/08			39.19			3,640.66
MW-7	06/20/08			39.29			3,640.56
MW-7	08/19/08			39.31			3,640.54
MW-7	08/20/08			39.30			3,640.55
MW-8	01/23/04	3,679.07		39.56			3,639.51
MW-8	04/29/04			39.33			3,639.74
MW-8	05/12/04			39.34			3,639.73
MW-8	06/03/04			39.32			3,639.75
MW-8	07/12/04			40.13			3,638.94
MW-8	07/19/04			40.32			3,638.75
MW-8	11/08/04			39.60			3,639.47
MW-8	03/31/05			37.11			3,641.96
MW-8	05/13/05			37.16			3,641.91
MW-8	05/23/05			37.16			3,641.91
MW-8	05/26/05			37.19			3,641.88
MW-8	06/28/05			37.23			3,641.84
MW-8	08/15/05			37.40			3,641.67
MW-8	08/17/05			37.34			3,641.73
MW-8	11/14/05			37.52			3,641.55
MW-8	01/23/06			38.23			3,640.84
MW-8	03/02/06			37.63			3,641.44

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-8	06/01/06			38.90			3,640.17
MW-8	08/14/06			39.34			3,639.73
MW-8	11/28/06			38.71			3,640.36
MW-8	12/12/06			38.73			3,640.34
MW-8	01/09/07			38.71			3,640.36
MW-8	02/08/07			38.55			3,640.52
MW-8	02/21/07			38.78			3,640.29
MW-8	02/27/07			38.79			3,640.28
MW-8	03/09/07			38.78			3,640.29
MW-8	03/13/07			38.78			3,640.29
MW-8	03/15/07			38.76			3,640.31
MW-8	03/23/07			38.62			3,640.45
MW-8	03/28/07			38.74			3,640.33
MW-8	04/12/07			38.90			3,640.17
MW-8	04/18/07			38.88			3,640.19
MW-8	05/23/07			38.86			3,640.21
MW-8	06/20/07			38.96			3,640.11
MW-8	07/18/07			39.05			3,640.02
MW-8	09/19/07			38.99			3,640.08
MW-8	11/02/07			39.06			3,640.01
MW-8	11/16/07			39.06			3,640.01
MW-8	12/05/07			39.09			3,639.98
MW-8	01/30/08			39.11			3,639.96
MW-8	03/11/08			39.24			3,639.83
MW-8	04/29/08			39.27			3,639.80
MW-8	05/09/08			39.26			3,639.81
MW-8	06/11/08			39.30			3,639.77
MW-8	06/20/08			39.40			3,639.67
MW-8	08/19/08			39.41			3,639.66
MW-8	08/20/08			39.41			3,639.66

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-9	01/23/04	3,678.76		39.91			3,638.85
MW-9	04/29/04			39.68			3,639.08
MW-9	05/12/04			39.69			3,639.07
MW-9	06/03/04			39.67			3,639.09
MW-9	07/12/04			40.34			3,638.42
MW-9	07/19/04			40.44			3,638.32
MW-9	11/08/04			38.84			3,639.92
MW-9	03/31/05			37.48			3,641.28
MW-9	05/13/05			37.54			3,641.22
MW-9	05/23/05			37.55			3,641.21
MW-9	05/26/05			37.59			3,641.17
MW-9	06/28/05			37.64			3,641.12
MW-9	08/15/05			37.82			3,640.94
MW-9	08/17/05			37.77			3,640.99
MW-9	11/14/05			37.95			3,640.81
MW-9	01/23/06			38.65			3,640.11
MW-9	03/02/06			38.05			3,640.71
MW-9	06/01/06			38.73			3,640.03
MW-9	08/14/06			39.57			3,639.19
MW-9	11/28/06			39.12			3,639.64
MW-9	12/12/06			53.10			3,625.66
MW-9	01/09/07			39.14			3,639.62
MW-9	02/08/07			38.97			3,639.79
MW-9	02/21/07			39.22			3,639.54
MW-9	02/27/07			39.21			3,639.55
MW-9	03/09/07			39.21			3,639.55
MW-9	03/13/07			39.20			3,639.56
MW-9	03/15/07			39.20			3,639.56
MW-9	03/23/07			39.04			3,639.72
MW-9	03/28/07			39.16			3,639.60

TALON LPE

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-9	04/12/07			39.36			3,639.40
MW-9	04/18/07			39.30			3,639.46
MW-9	05/22/07			39.31			3,639.45
MW-9	06/20/07			39.40			3,639.36
MW-9	07/18/07			39.49			3,639.27
MW-9	09/19/07			39.45			3,639.31
MW-9	11/02/07			39.51			3,639.25
MW-9	11/16/07			39.48			3,639.28
MW-9	12/05/07			39.51			3,639.25
MW-9	01/30/08			39.54			3,639.22
MW-9	03/11/08			39.66			3,639.10
MW-9	04/29/08			39.58			3,639.18
MW-9	05/09/08			39.68			3,639.08
MW-9	06/11/08			39.73			3,639.03
MW-9	06/20/08			39.81			3,638.95
MW-9	08/19/08			39.95			3,638.81
MW-9	08/20/08			39.84			3,638.92
MW-10	01/23/04	3,678.36		39.89			3,638.47
MW-10	04/29/04			39.74			3,638.62
MW-10	05/12/04			39.74			3,638.62
MW-10	06/03/04			39.74			3,638.62
MW-10	07/12/04			40.24			3,638.12
MW-10	07/19/04			40.33			3,638.03
MW-10	11/08/04			38.76			3,639.60
MW-10	03/31/05			37.46			3,640.90
MW-10	05/13/05			37.58			3,640.78
MW-10	05/23/05			37.58			3,640.78
MW-10	05/26/05			37.62			3,640.74
MW-10	06/28/05			37.70			3,640.66

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-10	08/15/05			37.87			3,640.49
MW-10	08/17/05			37.02			3,641.34
MW-10	11/14/05			38.02			3,640.34
MW-10	01/23/06			38.73			3,639.63
MW-10	03/02/06			38.16			3,640.20
MW-10	06/01/06			38.81			3,639.55
MW-10	08/14/06			39.51			3,638.85
MW-10	11/28/06			39.19			3,639.17
MW-10	12/12/06			39.21			3,639.15
MW-10	01/09/07			39.21			3,639.15
MW-10	02/08/07			39.10			3,639.26
MW-10	02/21/07			39.33			3,639.03
MW-10	02/27/07			39.29			3,639.07
MW-10	03/09/07			39.24			3,639.12
MW-10	03/13/07			39.29			3,639.07
MW-10	03/15/07			39.30			3,639.06
MW-10	03/23/07			39.11			3,639.25
MW-10	03/28/07			39.24			3,639.12
MW-10	04/12/07			39.46			3,638.90
MW-10	04/18/07			39.41			3,638.95
MW-10	04/18/07			39.31			3,639.05
MW-10	06/20/07			39.48			3,638.88
MW-10	07/18/07			39.59			3,638.77
MW-10	09/19/07			39.51			3,638.85
MW-10	11/02/07			39.50			3,638.86
MW-10	11/16/07			39.91			3,638.45
MW-10	12/05/07			39.52			3,638.84
MW-10	01/30/08			39.57			3,638.79
MW-10	03/11/08			39.78			3,638.58
MW-10	04/29/08			39.81			3,638.55
MW-10	05/09/08			39.80			3,638.56

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-10	06/11/08			39.89			3,638.47
MW-10	06/20/08			39.93			3,638.43
MW-10	08/19/08			39.96			3,638.40
MW-10	08/20/08			39.96			3,638.40
MW-11	01/23/04	3,678.03		41.40			3,636.63
MW-11	04/29/04			41.07			3,636.96
MW-11	05/12/04			39.57			3,638.46
MW-11	06/03/04			39.61			3,638.42
MW-11	07/12/04			40.04			3,637.99
MW-11	07/19/04			40.10			3,637.93
MW-11	11/08/04			38.66			3,639.37
MW-11	03/31/05			37.25			3,640.78
MW-11	05/13/05			37.40			3,640.63
MW-11	05/23/05			37.34			3,640.69
MW-11	05/26/05			31.45			3,646.58
MW-11	06/28/05			37.54			3,640.49
MW-11	08/15/05			37.60			3,640.43
MW-11	08/17/05			37.61			3,640.42
MW-11	11/14/05			37.80			3,640.23
MW-11	01/23/06			38.58			3,639.45
MW-11	03/02/06			37.97			3,640.06
MW-11	06/01/06			39.15			3,638.88
MW-11	08/14/06			39.33			3,638.70
MW-11	11/28/06			39.00			3,639.03
MW-11	12/12/06			39.06			3,638.97
MW-11	01/09/07			39.06			3,638.97
MW-11	02/08/07			38.91			3,639.12
MW-11	02/21/07			39.11			3,638.92
MW-11	02/27/07			44.87			3,633.16

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-11	03/09/07			39.17			3,638.86
MW-11	03/13/07			39.13			3,638.90
MW-11	03/15/07			39.16			3,638.87
MW-11	03/23/07			39.01			3,639.02
MW-11	03/28/07			39.05			3,638.98
MW-11	04/12/07			39.34			3,638.69
MW-11	04/18/07			39.25			3,638.78
MW-11	05/22/07			39.24			3,638.79
MW-11	06/20/07			39.30			3,638.73
MW-11	07/18/07			39.42			3,638.61
MW-11	09/19/07			39.55			3,638.48
MW-11	11/02/07			39.37			3,638.66
MW-11	11/16/07			39.46			3,638.57
MW-11	12/05/07			39.47			3,638.56
MW-11	01/30/08			39.51			3,638.52
MW-11	03/11/08			39.56			3,638.47
MW-11	04/29/08			39.63			3,638.40
MW-11	05/09/08			39.66			3,638.37
MW-11	06/11/08		40.01	40.49	0.48		3,637.97
MW-11	06/20/08		40.04	40.64	0.60		3,637.93
MW-11	07/22/08		39.61	40.88	1.27		3,638.29
MW-11	08/19/08		40.42	41.04	0.62		3,637.55
MW-11	08/20/08		40.42	41.09	0.67		3,637.54
MW-11	09/02/08		39.78	39.96	0.18		3,638.23
MW-12	01/23/04	3,679.63	39.49	45.30	5.81		3,639.56
MW-12	03/23/04		38.89	47.39	8.50		3,639.89
MW-12	03/29/04		38.86	47.33	8.47		3,639.92
MW-12	04/29/04		38.86	48.57	9.71		3,639.80
MW-12	05/03/04		38.83	46.63	7.80		3,640.02

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-12	07/12/04		39.58	47.53	7.95		3,639.26
MW-12	12/09/04		37.50	44.28	6.78		3,641.45
MW-12	02/16/05		36.68	43.87	7.19		3,642.23
MW-12	03/31/05		36.95	42.97	6.02		3,642.08
MW-12	05/13/05		36.83	43.97	7.14		3,642.09
MW-12	05/26/05		36.95	43.71	6.76		3,642.00
MW-12	06/28/05		36.97	44.14	7.17		3,641.94
MW-12	08/15/05		37.25	43.60	6.35		3,641.75
MW-12	11/14/05		37.73	43.51	5.78		3,641.32
MW-12	01/23/06		38.08	44.34	6.26		3,640.92
MW-12	03/02/06		37.71	43.82	6.11		3,641.31
MW-12	06/01/06		38.87	44.25	5.38		3,640.22
MW-12	08/14/06		39.11	45.85	6.74		3,639.85
MW-12	11/28/06		38.64	44.91	6.27		3,640.36
MW-12	12/12/06		38.63	44.92	6.29		3,640.37
MW-12	01/09/07		38.41	44.87	6.46		3,640.57
MW-12	02/08/07		nd	42.02	na		3,636.01
MW-12	03/09/07		38.67	45.13	6.46		3,640.31
MW-12	03/13/07		38.64	45.14	6.50	7.00	3,640.34
MW-12	03/15/07		38.64	45.16	6.52	6.00	3,640.34
MW-12	03/23/07		38.68	45.14	6.46		3,640.30
MW-12	03/28/07		38.68	45.19	6.51		3,640.30
MW-12	04/12/07		39.22	44.25	5.03		3,639.91
MW-12	04/18/07		39.96	44.68	4.72		3,639.20
MW-12	05/22/07		39.51	43.75	4.24		3,639.70
MW-12	06/20/07		39.42	43.40	3.98		3,639.81
MW-12	06/28/07		39.47	43.06	3.59		3,639.80
MW-12	07/18/07		39.65	42.80	3.15		3,639.67
MW-12	08/15/07		39.27	43.96	4.69		3,639.89
MW-12	08/22/07		39.50	42.90	3.40		3,639.79
MW-12	08/28/07		39.78	42.04	2.26		3,639.62

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-12	09/19/07		39.39	43.31	3.92		3,639.85
MW-12	09/25/07		39.29	43.67	4.38		3,639.90
MW-12	10/09/07		39.14	44.79	5.65		3,639.93
MW-12	10/17/07		39.57	42.72	3.15		3,639.75
MW-12	10/26/07		39.21	41.22	2.01		3,640.22
MW-12	11/05/07		39.13	44.61	5.48		3,639.95
MW-12	11/12/07		39.33	44.70	5.37		3,639.76
MW-12	12/05/07		39.34	44.87	5.53		3,639.74
MW-12	01/03/08		39.37	44.14	4.77		3,639.78
MW-12	01/30/08		38.29	44.71	6.42		3,640.70
MW-12	02/04/08		38.35	44.81	6.46		3,640.63
MW-12	02/12/08		38.30	44.75	6.45		3,640.69
MW-12	03/11/08		39.29	45.08	5.79		3,639.76
MW-12	03/26/08		39.44	44.43	4.99		3,639.69
MW-12	04/02/08		39.46	44.87	5.41		3,639.63
MW-12	04/16/08		39.51	44.94	5.43		3,639.58
MW-12	04/29/08		39.76	44.26	4.50		3,639.42
MW-12	05/07/08		39.71	44.76	5.05		3,639.42
MW-12	06/11/08		39.86	45.02	5.16		3,639.25
MW-12	06/20/08		39.88	45.19	5.31		3,639.22
MW-12	07/22/08		39.69	45.50	5.81		3,639.36
MW-12	07/24/08		40.61	46.15	5.54		3,638.47
MW-12	08/19/08		40.08	46.95	6.87		3,638.86
MW-12	08/20/08		40.09	46.98	6.89		3,638.85
MW-13	01/23/04	3,681.42		39.67			3,641.75
MW-13	04/29/04			39.58			3,641.84
MW-13	05/12/04			41.05			3,640.37
MW-13	06/03/04			41.05			3,640.37
MW-13	07/12/04			42.18			3,639.24

TALON LPE

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-13	07/19/04			42.44			3,638.98
MW-13	11/08/04			40.24			3,641.18
MW-13	03/31/05			38.79			3,642.63
MW-13	05/13/05			38.83			3,642.59
MW-13	05/23/05			38.82			3,642.60
MW-13	05/26/05			38.87			3,642.55
MW-13	06/28/05			38.63			3,642.79
MW-13	08/15/05			39.07			3,642.35
MW-13	08/17/05			39.02			3,642.40
MW-13	11/14/05			39.15			3,642.27
MW-13	01/23/06			39.84			3,641.58
MW-13	03/02/06			39.28			3,642.14
MW-13	06/01/06			40.73			3,640.69
MW-13	08/14/06			41.22			3,640.20
MW-13	11/28/06			40.38			3,641.04
MW-13	12/12/06			40.37			3,641.05
MW-13	01/09/07			40.36			3,641.06
MW-13	02/08/07			42.02			3,639.40
MW-13	02/27/07			40.41			3,641.01
MW-13	03/09/07			40.42			3,641.00
MW-13	03/13/07			40.42			3,641.00
MW-13	03/15/07			40.44			3,640.98
MW-13	03/23/07			40.25			3,641.17
MW-13	03/28/07			40.35			3,641.07
MW-13	04/12/07			40.55			3,640.87
MW-13	04/18/07			40.48			3,640.94
MW-13	05/23/07			40.48			3,640.94
MW-13	06/20/07			40.60			3,640.82
MW-13	07/18/07			40.68			3,640.74
MW-13	09/19/07			39.55			3,641.87
MW-13	11/02/07			40.58			3,640.84

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-13	11/16/07			40.43			3,640.99
MW-13	12/05/07			40.75			3,640.67
MW-13	01/30/08			40.78			3,640.64
MW-13	03/11/08			36.14			3,645.28
MW-13	04/29/08			40.92			3,640.50
MW-13	05/09/08			40.94			3,640.48
MW-13	06/11/08			40.98			3,640.44
MW-13	06/20/08			41.08			3,640.34
MW-13	08/19/08			41.10			3,640.32
MW-13	08/20/08			41.09			3,640.33
MW-14	06/03/04	3,679.00	39.16	42.87	3.71		3,639.47
MW-14	07/12/04		39.29	46.46	7.17		3,638.99
MW-14	07/19/04		39.45	46.59	7.14		3,638.84
MW-14	08/26/04		38.92	45.94	7.02		3,639.38
MW-14	12/09/04		37.11	43.08	5.97		3,641.29
MW-14	02/16/05		36.62	42.53	5.91		3,641.79
MW-14	03/31/05		36.34	43.32	6.98		3,641.96
MW-14	05/13/05		36.45	43.34	6.89		3,641.86
MW-14	05/26/05		36.48	45.27	8.79		3,641.64
MW-14	06/28/05		36.54	44.83	8.29		3,641.63
MW-14	08/15/05		37.14	41.59	4.45		3,641.42
MW-14	11/14/05		37.55	41.70	4.15		3,641.04
MW-14	01/23/06		37.85	42.74	4.89		3,640.66
MW-14	03/02/06		37.58	41.71	4.13		3,641.01
MW-14	06/01/06		38.84	41.75	2.91		3,639.87
MW-14	08/14/06		0.00	39.00	39.00		3,675.10
MW-14	11/28/06		38.30	43.55	5.25		3,640.18
MW-14	12/12/06		38.24	44.02	5.78		3,640.18
MW-14	01/09/07		38.21	42.26	4.05		3,640.39

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-14	02/08/07		38.18	44.27	6.09		3,640.21
MW-14	02/27/07		38.26	44.32	6.06	9.00	3,640.13
MW-14	03/09/07		38.27	44.41	6.14		3,640.12
MW-14	03/13/07		38.20	44.21	6.01		3,640.20
MW-14	03/15/07		38.22	44.20	5.98	6.00	3,640.18
MW-14	03/23/07		38.28	44.22	5.94		3,640.13
MW-14	03/28/07		38.25	44.27	6.02		3,640.15
MW-14	04/12/07		39.41	40.64	1.23		3,639.47
MW-14	04/18/07		39.69	40.01	0.32		3,639.28
MW-14	05/23/07		39.71	40.02	0.31		3,639.26
MW-14	06/20/07		38.96	41.88	2.92		3,639.75
MW-14	06/28/07		39.05	41.85	2.80		3,639.67
MW-14	07/18/07		39.58	39.91	0.33		3,639.39
MW-14	08/15/07		39.63	39.87	0.24		3,639.35
MW-14	08/22/07		39.54	40.15	0.61		3,639.40
MW-14	08/28/07		39.39	41.62	2.23		3,639.39
MW-14	09/19/07		39.07	41.79	2.72		3,639.66
MW-14	09/25/07		39.34	40.94	1.60		3,639.50
MW-14	10/09/07		39.44	41.15	1.71		3,639.39
MW-14	10/17/07		39.61	39.80	0.19		3,639.37
MW-14	10/26/07		39.56	39.88	0.32		3,639.41
MW-14	11/05/07		39.08	42.21	3.13		3,639.61
MW-14	11/12/07		38.95	43.05	4.10		3,639.64
MW-14	12/05/07		38.99	43.75	4.76		3,639.53
MW-14	01/03/08		38.94	43.60	4.66		3,639.59
MW-14	01/30/08		39.03	43.88	4.85		3,639.49
MW-14	02/04/08		39.19	44.12	4.93		3,639.32
MW-14	02/12/08		39.06	43.91	4.85		3,639.46
MW-14	03/11/08		39.56	41.27	1.71		3,639.27
MW-14	03/26/08		39.94	40.14	0.20		3,639.04
MW-14	04/02/08		40.13	40.26	0.13		3,638.86

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-14	04/16/08		39.94	40.25	0.31		3,639.03
MW-14	04/29/08		39.97	40.32	0.35		3,639.00
MW-14	05/07/08		39.39	43.18	3.79		3,639.23
MW-14	06/11/08		40.23	40.49	0.26		3,638.74
MW-14	06/20/08		40.29	40.52	0.23		3,638.69
MW-14	07/24/08		41.00	41.22	0.22		3,637.98
MW-14	08/19/08		39.86	44.75	4.89		3,638.65
MW-14	09/02/08		39.99	40.22	0.23		3,638.99
MW-15	06/03/04	3,674.92		36.22			3,638.70
MW-15	07/12/04			36.77			3,638.15
MW-15	07/19/04			36.90			3,638.02
MW-15	11/08/04			35.10			3,639.82
MW-15	03/31/05			33.92			3,641.00
MW-15	05/13/05			34.00			3,640.92
MW-15	05/23/05			35.34			3,639.58
MW-15	05/26/05			35.38			3,639.54
MW-15	06/28/05			35.46			3,639.46
MW-15	08/15/05			34.32			3,640.60
MW-15	08/17/05			34.29			3,640.63
MW-15	11/14/05			34.47			3,640.45
MW-15	01/23/06			35.17			3,639.75
MW-15	03/02/06			34.60			3,640.32
MW-15	06/01/06			37.18			3,637.74
MW-15	08/10/06			35.62			3,639.30
MW-15	11/28/06			35.63			3,639.29
MW-15	12/12/06			36.92			3,638.00
MW-15	01/09/07			36.93			3,637.99
MW-15	02/27/07		35.16	35.67	0.51	10.00	3,639.71
MW-15	03/09/07		35.16	35.92	0.76		3,639.68

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-15	03/13/07		35.65	36.01	0.36		3,639.23
MW-15	03/15/07		35.64	36.20	0.56		3,639.22
MW-15	03/23/07		35.68	36.14	0.46		3,639.19
MW-15	03/28/07		35.70	36.21	0.51		3,639.17
MW-15	04/12/07		35.75	36.51	0.76		3,639.09
MW-15	04/18/07		35.70	36.46	0.76		3,639.14
MW-15	05/22/07		35.70	37.04	1.34		3,639.09
MW-15	06/20/07		35.90	37.52	1.62		3,638.86
MW-15	07/18/07		35.60	38.10	2.50		3,639.07
MW-15	08/15/07		35.47	38.56	3.09		3,639.14
MW-15	08/22/07		35.48	38.58	3.10		3,639.13
MW-15	08/28/07		35.59	38.15	2.56		3,639.07
MW-15	09/19/07		35.78	36.98	1.20		3,639.02
MW-15	09/25/07		36.43	37.27	0.84		3,638.41
MW-15	10/09/07		35.61	37.99	2.38		3,639.07
MW-15	10/17/07		35.49	38.36	2.87		3,639.14
MW-15	10/26/07		35.47	38.71	3.24		3,639.13
MW-15	11/05/07		35.46	39.89	4.43		3,639.02
MW-15	11/12/07		35.37	39.18	3.81		3,639.17
MW-15	12/05/07		35.31	39.75	4.44		3,639.17
MW-15	01/03/08		35.31	40.26	4.95		3,639.12
MW-15	01/30/08		35.27	40.47	5.20		3,639.13
MW-15	02/04/08		35.33	40.60	5.27		3,639.06
MW-15	02/12/08		35.28	40.48	5.20		3,639.12
MW-15	03/11/08		35.35	40.65	5.30		3,639.04
MW-15	03/26/08		35.40	40.71	5.31		3,638.99
MW-15	04/02/08		35.44	40.74	5.30		3,638.95
MW-15	04/16/08		36.34	36.61	0.27		3,638.55
MW-15	04/29/08		36.43	36.64	0.21		3,638.47
MW-15	05/07/08		36.07	39.29	3.22		3,638.53
MW-15	06/11/08		36.64	36.89	0.25		3,638.26

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-15	06/20/08		36.69	36.91	0.22		3,638.21
MW-15	07/24/08		36.51	41.53	5.02		3,637.91
MW-15	08/19/08		36.19	41.46	5.27		3,638.20
MW-15	08/20/08		36.19	41.48	5.29		3,638.20
MW-15	09/02/08		36.02	38.35	2.33		3,638.67
MW-16	06/03/04	3,676.86		37.66			3,639.20
MW-16	07/12/04			38.35			3,638.51
MW-16	07/19/04			38.57			3,638.29
MW-16	11/08/04			36.38			3,640.48
MW-16	03/31/05			35.29			3,641.57
MW-16	05/13/05			35.31			3,641.55
MW-16	05/23/05			35.18			3,641.68
MW-16	05/26/05			34.04			3,642.82
MW-16	06/28/05			34.11			3,642.75
MW-16	08/15/05			35.61			3,641.25
MW-16	08/17/05			35.56			3,641.30
MW-16	11/14/05			35.73			3,641.13
MW-16	01/23/06			36.45			3,640.41
MW-16	03/02/06			35.85			3,641.01
MW-16	06/01/06			35.82			3,641.04
MW-16	08/14/06			37.50			3,639.36
MW-16	11/28/06			37.94			3,638.92
MW-16	12/12/06			35.65			3,641.21
MW-16	01/09/07			35.67			3,641.19
MW-16	03/09/07			36.00			3,640.86
MW-16	03/13/07			36.98			3,639.88
MW-16	03/15/07			36.96			3,639.90
MW-16	03/23/07			36.84			3,640.02
MW-16	03/28/07			36.96			3,639.90

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-16	04/12/07			37.14			3,639.72
MW-16	04/18/07			37.03			3,639.83
MW-16	05/23/07			37.08			3,639.78
MW-16	06/20/07			37.16			3,639.70
MW-16	07/18/07			37.28			3,639.58
MW-16	09/19/07			37.27			3,639.59
MW-16	11/02/07			37.30			3,639.56
MW-16	11/16/07			37.32			3,639.54
MW-16	12/05/07			37.36			3,639.50
MW-16	01/30/08			37.38			3,639.48
MW-16	03/11/08			37.46			3,639.40
MW-16	04/29/08			37.51			3,639.35
MW-16	05/09/08			37.54			3,639.32
MW-16	06/11/08			37.56			3,639.30
MW-16	06/20/08			37.64			3,639.22
MW-16	08/19/08			37.68			3,639.18
MW-16	08/20/08			37.69			3,639.17
MW-17	06/03/04	3,679.01	39.66	42.05	2.39		3,639.11
MW-17	07/12/04		39.39	46.94	7.55		3,638.87
MW-17	07/19/04		39.50	46.97	7.47		3,638.76
MW-17	08/26/04		39.04	46.59	7.55		3,639.22
MW-17	12/09/04		37.11	44.60	7.49		3,641.15
MW-17	02/16/05		37.00	41.07	4.07		3,641.60
MW-17	03/31/05		36.49	44.13	7.64		3,641.76
MW-17	05/13/05		36.52	44.24	7.72		3,641.72
MW-17	05/26/05		36.72	44.28	7.56		3,641.53
MW-17	06/28/05		36.95	44.76	7.81		3,641.28
MW-17	08/15/05		37.25	42.35	5.10		3,641.25
MW-17	11/14/05		37.69	42.33	4.64		3,640.86

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-17	01/23/06		38.15	43.41	5.26		3,640.33
MW-17	03/02/06		37.59	43.25	5.66		3,640.85
MW-17	06/01/06		38.95	42.48	3.53		3,639.71
MW-17	08/14/06		39.10	44.41	5.31		3,639.38
MW-17	11/28/06		38.49	44.04	5.55		3,639.97
MW-17	12/12/06		38.42	44.33	5.91		3,640.00
MW-17	01/09/07		38.42	43.07	4.65		3,640.13
MW-17	02/08/07		38.38	44.95	6.57		3,639.97
MW-17	02/27/07		38.51	45.22	6.71	11.00	3,639.83
MW-17	03/09/07		38.41	45.11	6.70		3,639.93
MW-17	03/13/07		38.39	45.02	6.63		3,639.96
MW-17	03/15/07		38.41	45.01	6.60	6.00	3,639.94
MW-17	03/23/07		38.43	45.11	6.68		3,639.91
MW-17	03/28/07		38.43	45.26	6.83		3,639.90
MW-17	04/12/07		39.06	43.82	4.76		3,639.47
MW-17	04/18/07		39.13	44.32	5.19		3,639.36
MW-17	05/23/07		39.41	43.65	4.24		3,639.18
MW-17	06/20/07		39.52	41.72	2.20		3,639.27
MW-17	06/28/07		39.79	40.75	0.96		3,639.12
MW-17	07/18/07		39.82	40.81	0.99		3,639.09
MW-17	08/15/07		39.92	40.18	0.26		3,639.06
MW-17	08/22/07		39.87	40.17	0.30		3,639.11
MW-17	08/28/07		39.90	40.39	0.49		3,639.06
MW-17	09/25/07		39.78	40.17	0.39		3,639.19
MW-17	10/09/07		39.92	40.38	0.46		3,639.04
MW-17	10/17/07		39.83	40.17	0.34		3,639.15
MW-17	10/26/07		39.91	40.03	0.12		3,639.09
MW-17	11/05/07		39.17	43.19	4.02		3,639.44
MW-17	11/12/07		39.89	40.04	0.15		3,639.11
MW-17	12/05/07		39.75	41.97	2.22		3,639.04
MW-17	01/03/08		39.50	42.39	2.89		3,639.22

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-17	01/30/08		39.10	44.36	5.26		3,639.38
MW-17	02/04/08		39.21	44.44	5.23		3,639.28
MW-17	02/12/08		39.14	44.38	5.24		3,639.35
MW-17	03/11/08		39.66	42.27	2.61		3,639.09
MW-17	03/26/08		40.22	40.39	0.17		3,638.77
MW-17	04/16/08		40.19	40.60	0.41		3,638.78
MW-17	04/29/08		40.21	40.74	0.51		3,638.73
MW-17	05/07/08		39.49	43.18	3.69		3,639.15
MW-17	06/11/08		40.48	40.90	0.42		3,638.49
MW-17	06/20/08		40.54	40.88	0.34		3,638.44
MW-17	07/24/08		41.05	42.26	1.21		3,637.84
MW-17	08/19/08		39.99	45.73	5.74		3,638.45
MW-17	09/02/08		40.27	40.37	0.10		3,638.73
MW-18	11/28/06			35.64			
MW-18	12/12/06			35.65			
MW-18	01/09/07			35.62			
MW-18	02/08/07			35.50			
MW-18	03/09/07			35.70			
MW-18	03/13/07			35.71			
MW-18	03/15/07			35.70			
MW-18	03/23/07			35.57			
MW-18	03/28/07			36.65			
MW-18	04/12/07			35.83			
MW-18	04/18/07			35.84			
MW-18	05/22/07			35.86			
MW-18	06/20/07			35.86			
MW-18	07/18/07			35.98			
MW-18	09/19/07	3,679.01		35.94			3,643.07
MW-18	11/02/07			35.97			3,643.04

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-18	12/05/07			36.04			3,642.97
MW-18	01/30/08			36.08			3,642.93
MW-18	03/11/08			36.14			3,642.87
MW-18	04/29/08			38.22			3,640.79
MW-18	05/09/08			36.22			3,642.79
MW-18	06/11/08			36.27			3,642.74
MW-18	06/20/08			36.37			3,642.64
MW-18	08/19/08			36.37			3,642.64
MW-18	08/20/08			36.38			3,642.63
MW-19	11/28/06			35.55			
MW-19	12/12/06			35.55			
MW-19	01/09/07			35.57			
MW-19	02/08/07			35.43			
MW-19	03/09/07			35.65			
MW-19	03/13/07			35.65			
MW-19	03/15/07			35.66			
MW-19	03/23/07			35.48			
MW-19	03/28/07			35.54			
MW-19	04/12/07			35.77			
MW-19	04/18/07			35.72			
MW-19	05/23/07			35.71			
MW-19	06/20/07			35.81			
MW-19	07/18/07			35.90			
MW-19	09/19/07	3,674.96		35.87			3,639.09
MW-19	11/02/07			35.90			3,639.06
MW-19	11/16/07			35.96			3,639.00
MW-19	12/05/07			36.56			3,638.40
MW-19	01/30/08			36.59			3,638.37
MW-19	03/11/08			36.06			3,638.90

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-19	04/29/08			38.14			3,636.82
MW-19	05/09/08			36.15			3,638.81
MW-19	06/11/08			36.20			3,638.76
MW-19	06/20/08			36.28			3,638.68
MW-19	08/19/08			36.33			3,638.63
MW-19	08/20/08			36.32			3,638.64
MW-20	11/28/06			35.61			
MW-20	12/12/06			35.63			
MW-20	01/09/07			35.67			
MW-20	02/08/07			35.53			
MW-20	03/09/07			35.75			
MW-20	03/13/07			35.73			
MW-20	03/15/07			35.70			
MW-20	03/23/07			35.60			
MW-20	03/28/07			35.67			
MW-20	04/12/07			35.87			
MW-20	04/18/07			35.81			
MW-20	05/23/07			35.80			
MW-20	06/20/07			35.90			
MW-20	07/18/07			36.01			
MW-20	09/19/07	3,674.38		35.99			3,638.39
MW-20	11/02/07			36.01			3,638.37
MW-20	12/05/07			35.97			3,638.41
MW-20	01/30/08			36.01			3,638.37
MW-20	03/11/08			36.14			3,638.24
MW-20	03/11/08			36.14			3,638.24
MW-20	04/29/08			36.23			3,638.15
MW-20	05/09/08			36.22			3,638.16
MW-20	06/11/08			36.28			3,638.10
MW-20	06/20/08			36.35			3,638.03

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-20	08/19/08			36.39			3,637.99
MW-20	08/20/08			36.38			3,638.00
MW-21	12/05/07	3,674.38		36.34			3,638.04
MW-21	01/30/08			36.41			3,637.97
MW-21	03/11/08			36.48			3,637.90
MW-21	05/09/08			36.54			3,637.84
MW-21	06/11/08			36.59			3,637.79
MW-21	06/20/08			36.67			3,637.71
MW-21	08/19/08			36.70			3,637.68
MW-21	08/20/08			36.71			3,637.67
MW-22	12/05/07	3,674.07		36.08			3,637.99
MW-22	01/30/08			36.19			3,637.88
MW-22	03/11/08			36.26			3,637.81
MW-22	04/29/08			36.31			3,637.76
MW-22	05/09/08			36.31			3,637.76
MW-22	06/11/08			36.70			3,637.37
MW-22	06/20/08			36.45			3,637.62
MW-22	08/19/08			36.48			3,637.59
MW-22	08/20/08			36.49			3,637.58
MW-23	03/17/08	WELL INSTALLATION					
MW-23	03/25/08						
MW-23	03/29/08			36.08			
MW-23	04/29/08			36.15			
MW-23	05/09/08	3,672.39		36.15			3,636.24
MW-23	06/11/08			36.20			3,636.19
MW-23	06/20/08			36.31			3,636.08

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

Sample Location	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	PSH Recovered (gallons)	Corrected Groundwater Elevation* (feet-amsl)
MW-23	08/19/08			36.33			3,636.06
MW-23	08/20/08			36.31			3,636.08
MW-24	03/17/08	WELL INSTALLATION					
MW-24	03/25/08			36.04			
MW-24	03/29/08			36.04			
MW-24	04/29/08			36.04			
MW-24	05/09/08	3,672.79		36.03			3,636.76
MW-24	06/11/08			36.08			3,636.71
MW-24	06/20/08			36.16			3,636.63
MW-24	08/19/08			36.20			3,636.59
MW-24	08/20/08			36.20			3,636.59

Total manual recovery 159.50
Approximate system recovery 76.60 bbls

PSH - Phase Separated Hydrocarbons na - not applicable
amsl - above mean sea level
btoc - below top of casing
*Corrected Groundwater Elevation = Top of Casing Elevation - [Depth to Water Below Top of Casing - (SG)(PSH Thickness)].

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-1	03/11/08	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	06/20/08	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	08/22/08	**14.7**	**7.36**	**1.32**	**1.65**	**25.03**
MW-2	03/11/08	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	06/20/08	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	08/20/08	**24.8**	**11.2**	**2.58**	**3.84**	**42.42**
MW-3	03/11/08	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	06/20/08	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	08/21/08	**19.6**	**10.9**	**2.16**	**3.09**	**35.75**
MW-4	03/11/08	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	06/20/08	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	08/21/08	**44.0**	**9.98**	**2.72**	**4.10**	**60.80**
MW-5	03/11/08	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	06/20/08	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	08/22/08	**12.0**	**10.8**	**1.78**	**6.02**	**30.60**
MW-6	03/11/08	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	06/20/08	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	08/21/08	**33.1**	**6.48**	**2.61**	**3.84**	**46.03**
MW-7	03/11/08	<0.001	<0.001	<0.001	<0.001	<0.001
	06/20/08	Not scheduled to sample 2nd quarter				
	08/20/08	Not scheduled to sample 3rd quarter				
MW-8	03/11/08	0.0054	<0.001	<0.001	<0.001	0.0054
	06/20/08	Not scheduled to sample 2nd quarter				
	08/20/08	Not scheduled to sample 3rd quarter				
MW-9	03/11/08	<0.001	<0.001	<0.001	<0.001	<0.001
	06/20/08	Not scheduled to sample 2nd quarter				
	08/20/08	Not scheduled to sample 3rd quarter				
MW-10	03/11/08	**1.69**	<0.005	0.105	0.0122	1.810
	06/20/08	**3.250**	<0.200	0.272	<0.200	3.522
	08/21/08	**3.90**	<0.0200	0.356	<0.0200	4.256

TALON LPE

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-11	03/11/08	**24.7**	**1.19**	**1.66**	**1.330**	28.9
	06/20/08	**Not sampled Due to Presence of Phase Separated Hydrocarbons**				
	08/22/08	**24.7**	**2.86**	**1.68**	**1.13**	**30.37**
MW-12	03/11/08	**Not sampled Due to Presence of Phase Separated Hydrocarbons**				
	06/20/08	**Not sampled Due to Presence of Phase Separated Hydrocarbons**				
	08/21/08	**24.9**	**14.8**	**3.19**	**4.79**	**47.68**
MW-13	03/11/08	<0.001	<0.001	<0.001	<0.001	<0.001
	06/20/08	**Not scheduled to sample 2nd quarter**				
	08/20/08	**Not scheduled to sample 3rd quarter**				
MW-14	03/11/08	**Not sampled Due to Presence of Phase Separated Hydrocarbons**				
	06/20/08	**Not sampled Due to Presence of Phase Separated Hydrocarbons**				
	08/20/08	**34.7**	**10.8**	**2.68**	**3.89**	**52.07**
MW-15	03/11/08	**Not sampled Due to Presence of Phase Separated Hydrocarbons**				
	06/20/08	**Not sampled Due to Presence of Phase Separated Hydrocarbons**				
	08/22/08	**5.04**	**2.71**	**0.593**	**0.644**	**8.987**
MW-16	03/11/08	**0.0124**	<0.001	<0.001	<0.001	0.0124
	06/20/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	08/21/08	0.00140	<0.00100	<0.00100	<0.00100	0.00140
MW-17	03/11/08	**Not sampled Due to Presence of Phase Separated Hydrocarbons**				
	06/20/08	**Not sampled Due to Presence of Phase Separated Hydrocarbons**				
	08/20/08	**39.4**	**22.0**	**3.00**	**4.18**	**68.58**
MW-18	03/11/08	<0.001	<0.001	<0.001	<0.001	<0.001
	06/20/08	0.0029	<0.00100	<0.00100	<0.00100	0.0029
	08/21/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-19	03/11/08	<0.005	<0.005	<0.005	<0.005	<0.005
	06/20/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	08/21/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-20	03/11/08	**38.9**	<0.2	**2.170**	**1.240**	**42.30**
	06/20/08	**30.7**	<0.200	**1.61**	0.278	32.588
	08/21/08	**31.0**	<0.100	**1.74**	0.325	33.065

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-21	03/11/08	<0.005	<0.005	<0.005	<0.005	<0.005
	06/20/08	**0.0511**	<0.00100	<0.00100	<0.00100	0.0511
	08/21/08	**0.849**	<0.0200	<0.0200	0.0238	0.8728
MW-22	03/11/08	<0.001	<0.001	<0.001	<0.001	<0.001
	06/20/08	0.00450	<0.00100	<0.00100	<0.00100	<0.00100
	08/21/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-23	03/25/08	<0.001	<0.001	<0.001	<0.001	<0.001
	06/20/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	08/21/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-24	03/25/08	<0.001	<0.001	<0.001	<0.001	<0.001
	06/20/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	08/21/08	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
NMWQCC Remedial Limits		0.010	0.750	0.750	0.620	

[1] ***Bolded*** *values are in excess of the NMWQCC Remediation Thresholds*
Monitor wells MW-1 through MW-6, MW-11, MW-12, MW-14, MW-15, and MW-17 were sampled at the request of the NMOCD even thoug they contain PSH.

TABLE 3
SUMMARY OF GROUNDWATER POLY-AROMATIC HYDROCARBON (PAH) ANALYTICAL RESULTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

All concentrations are in mg/L

Sample Location	Sample Date	Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]-anthracene	Benzo[a]-pyrene	Benzo[b]-fluoranthene	Benzo[g,h,i]-perylene	Benzo[k]-fluoranthene	Chrysene	Dibenzo[a,h]-anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno[1,2,3-cd]-pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
MW-10	08/21/08	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.000254	<0.000200	<0.000200	<0.000200	0.00181	<0.000200	<0.00200	<0.000200	<0.000200
MW-16	08/21/08	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-18	08/21/08	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-19	08/21/08	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-20	08/21/08	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.00207	<0.000200	0.00125	<0.000200	0.0232	0.0139	**0.0323**	0.00114	<0.000200
MW-21	08/21/08	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.00116	<0.000200	<0.000200	0.000202	<0.000200
MW-22	08/21/08	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-23	08/21/08	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-24	08/21/08	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
NMWQCC Remedial Limits						0.007												0.030		

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

TABLE 4
SUMMARY OF PSH MONITOR WELLS GROUNDWATER POLY-AROMATIC HYDROCARBON (PAH) ANALYTICAL RESULTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number PLAINS047SPL

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethylbenzene	Xylene	TPH DRO	TPH GRO	Total TPH	Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]-anthracene	Benzo[a]-pyrene	Benzo[b]-fluoranthene	Benzo[g,h,i]-perylene	Benzo[k]-fluoranthene	Chrysene	Dibenzo[a,h]-anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno[1,2,3-cd]-pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
MW-1	08/22/08	14.7	7.36	1.32	1.65	<5.00	32.2	32.2	<0.000200	<0.000200	<0.000200	<0.000200	<0.00200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.00340	<0.000200	0.00272	<0.000200	0.0400	0.0386	**0.0445**	0.00249	<0.000200
MW-2	08/20/08	24.8	11.2	2.58	3.84	12.6	91.6	104.2	<0.000200	<0.000200	<0.000200	<0.000200	<0.00200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.00689	<0.000200	0.00603	<0.000200	0.0662	0.0640	**0.0725**	0.00709	0.000206
MW-3	08/21/08	19.6	10.9	2.16	3.09	5.78	84.6	90.38	<0.000200	<0.000200	<0.000200	<0.000200	<0.00200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.00406	<0.000200	0.00323	<0.000200	0.0436	0.0412	**0.0537**	0.00346	0.000212
MW-4	08/21/08	44.0	9.98	2.72	4.10	17.9	140	157.9	<0.000200	<0.000200	<0.000200	<0.000200	<0.00200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0146	<0.000200	0.0137	<0.000200	0.127	0.126	**0.102**	0.0176	0.00108
MW-5	08/22/08	12.0	10.8	1.78	6.02	<5.0	60.9	60.9	<0.000200	<0.000200	<0.000200	<0.000200	<0.00200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.00244	<0.000200	0.00206	<0.000200	0.0272	0.0263	0.0262	0.00190	<0.000200
MW-6	08/21/08	33.1	6.48	2.61	3.84	<5.00	95.6	95.6	<0.000200	<0.000200	<0.000200	<0.000200	<0.00200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.00272	<0.000200	0.00215	<0.000200	0.0316	0.0301	**0.0494**	0.00195	<0.000200
MW-11	08/22/08	24.7	2.86	1.68	1.13	<5.00	16.4	16.4	<0.000200	<0.000200	<0.000200	<0.000200	<0.00200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.00250	<0.000200	0.00172	<0.000200	0.0310	0.0246	**0.0416**	0.00132	<0.000200
MW-12	08/21/08	24.9	14.8	3.19	4.79	82.4	103	185.4	<0.000200	<0.000200	<0.000200	<0.000200	<0.00200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.00772	<0.000200	0.00735	<0.000200	0.0630	0.0642	**0.0413**	0.00999	0.000659
MW-14	08/20/08	37.7	10.8	2.68	3.89	6.53	118	124.53	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.00437	<0.000200	0.00334	<0.000200	0.0448	0.0428	**0.0639**	0.00358	<0.000200
MW-15	08/22/08	5.04	2.71	0.593	0.644	6.01	12.7	18.7	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.00201	<0.000200	0.00167	<0.000200	0.0208	0.0202	0.0239	0.00167	<0.000200
MW-17	08/20/08	39.4	22.0	3.00	4.18	55.7	152	207.7	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0108	<0.000200	0.00992	<0.000200	0.0983	0.0962	**0.0927**	0.0121	0.000648
NMWQCC Remedial Limits		0.01	0.75	0.75	0.62								0.0007												0.030		

[1] ***Bolded*** *values are in excess of the NMWQCC Remediation Thresholds*
BTEX, TPH and PAH analysis per the NMOCD in monitor wells that contain PSH

TRACEANALYSIS, INC.

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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

Shanna Smith
Talon LPE-Amarillo
921 North Bivins
Amarillo, TX, 79107

Report Date: August 29, 2008

Work Order: 8082027

Project Location: Hobbs, NM
Project Name: Hobbs Junction Mainline
Project Number: Plains047SPL
SRS #: 2003-00017

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
171261	MW-2	water	2008-08-20	13:14	2008-08-20
171262	MW-14	water	2008-08-20	12:45	2008-08-20
171263	MW-17	water	2008-08-20	11:07	2008-08-20

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.

Dr. Blair Leftwich, Director

Standard Flags

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

Case Narrative

Samples for project Hobbs Junction Mainline were received by TraceAnalysis, Inc. on 2008-08-20 and assigned to work order 8082027. Samples for work order 8082027 were received intact without headspace and at a temperature of 3.5 deg. C.

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

Test	Method
BTEX	S 8021B
PAH	S 8270C
TPH DRO	Mod. 8015B
TPH GRO	S 8015B

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 8082027 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.

Analytical Report

Sample: 171261 - MW-2

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	51724	Date Analyzed:	2008-08-21	Analyzed By:	DC
Prep Batch:	44329	Sample Preparation:	2008-08-21	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**24.8**	mg/L	100	0.00100
Toluene		**11.2**	mg/L	100	0.00100
Ethylbenzene		**2.58**	mg/L	100	0.00100
Xylene		**3.84**	mg/L	100	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		11.0	mg/L	100	10.0	110	65.1 - 116.8
4-Bromofluorobenzene (4-BFB)		11.0	mg/L	100	10.0	110	52 - 124.1

Sample: 171261 - MW-2

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	51870	Date Analyzed:	2008-08-27	Analyzed By:	DS
Prep Batch:	44482	Sample Preparation:	2008-08-26	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		**0.0725**	mg/L	1	0.000200
2-Methylnaphthalene		**0.0640**	mg/L	1	0.000200
1-Methylnaphthalene		**0.0662**	mg/L	1	0.000200
Acenaphthylene		<0.000200	mg/L	1	0.000200
Acenaphthene		<0.000200	mg/L	1	0.000200
Dibenzofuran		**0.00689**	mg/L	1	0.000200
Fluorene		**0.00603**	mg/L	1	0.000200
Anthracene		<0.000200	mg/L	1	0.000200
Phenanthrene		**0.00709**	mg/L	1	0.000200
Fluoranthene		<0.000200	mg/L	1	0.000200
Pyrene		**0.000206**	mg/L	1	0.000200
Benzo(a)anthracene		<0.000200	mg/L	1	0.000200
Chrysene		<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(a)pyrene		<0.000200	mg/L	1	0.000200

continued ...

sample 171261 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene		<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene		<0.000200	mg/L	1	0.000200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0468	mg/L	1	0.0800	58	37.4 - 123
2-Fluorobiphenyl		0.0463	mg/L	1	0.0800	58	34.3 - 130
Terphenyl-d14		0.0617	mg/L	1	0.0800	77	10 - 252

Sample: 171261 - MW-2

Laboratory:	Midland				
Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	51696	Date Analyzed:	2008-08-22	Analyzed By:	LD
Prep Batch:	44316	Sample Preparation:	2008-08-22	Prepared By:	LD

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**12.6**	mg/L	1	5.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane	[1]	17.3	mg/L	1	10.0	173	70 - 130

Sample: 171261 - MW-2

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5030B
QC Batch:	51730	Date Analyzed:	2008-08-21	Analyzed By:	DC
Prep Batch:	44329	Sample Preparation:	2008-08-21	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**91.6**	mg/L	50	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4.70	mg/L	50	5.00	94	70 - 130
4-Bromofluorobenzene (4-BFB)		4.52	mg/L	50	5.00	90	70 - 130

[1]High surrogate recovery due to peak interference.

Sample: 171262 - MW-14

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	51724	Date Analyzed:	2008-08-21	Analyzed By:	DC
Prep Batch:	44329	Sample Preparation:	2008-08-21	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**34.7**	mg/L	100	0.00100
Toluene		**10.8**	mg/L	100	0.00100
Ethylbenzene		**2.68**	mg/L	100	0.00100
Xylene		**3.89**	mg/L	100	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		10.8	mg/L	100	10.0	108	65.1 - 116.8
4-Bromofluorobenzene (4-BFB)		10.6	mg/L	100	10.0	106	52 - 124.1

Sample: 171262 - MW-14

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	51870	Date Analyzed:	2008-08-27	Analyzed By:	DS
Prep Batch:	44482	Sample Preparation:	2008-08-26	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		**0.0639**	mg/L	1	0.000200
2-Methylnaphthalene		**0.0428**	mg/L	1	0.000200
1-Methylnaphthalene		**0.0448**	mg/L	1	0.000200
Acenaphthylene		<0.000200	mg/L	1	0.000200
Acenaphthene		<0.000200	mg/L	1	0.000200
Dibenzofuran		**0.00437**	mg/L	1	0.000200
Fluorene		**0.00334**	mg/L	1	0.000200
Anthracene		<0.000200	mg/L	1	0.000200
Phenanthrene		**0.00358**	mg/L	1	0.000200
Fluoranthene		<0.000200	mg/L	1	0.000200
Pyrene		<0.000200	mg/L	1	0.000200
Benzo(a)anthracene		<0.000200	mg/L	1	0.000200
Chrysene		<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(a)pyrene		<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene		<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene		<0.000200	mg/L	1	0.000200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0442	mg/L	1	0.0800	55	37.4 - 123
2-Fluorobiphenyl		0.0492	mg/L	1	0.0800	62	34.3 - 130
Terphenyl-d14		0.0656	mg/L	1	0.0800	82	10 - 252

Sample: 171262 - MW-14

Laboratory:	Midland				
Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	51696	Date Analyzed:	2008-08-22	Analyzed By:	LD
Prep Batch:	44316	Sample Preparation:	2008-08-22	Prepared By:	LD

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**6.53**	mg/L	1	5.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane	[2]	13.8	mg/L	1	10.0	138	70 - 130

Sample: 171262 - MW-14

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5030B
QC Batch:	51730	Date Analyzed:	2008-08-21	Analyzed By:	DC
Prep Batch:	44329	Sample Preparation:	2008-08-21	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**118**	mg/L	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		9.78	mg/L	100	10.0	98	70 - 130
4-Bromofluorobenzene (4-BFB)		9.08	mg/L	100	10.0	91	70 - 130

Sample: 171263 - MW-17

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	51724	Date Analyzed:	2008-08-21	Analyzed By:	DC
Prep Batch:	44329	Sample Preparation:	2008-08-21	Prepared By:	DC

[2]High surrogate recovery due to peak interference.

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**39.4**	mg/L	100	0.00100
Toluene		**22.0**	mg/L	100	0.00100
Ethylbenzene		**3.00**	mg/L	100	0.00100
Xylene		**4.18**	mg/L	100	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		10.9	mg/L	100	10.0	109	65.1 - 116.8
4-Bromofluorobenzene (4-BFB)		10.9	mg/L	100	10.0	109	52 - 124.1

Sample: 171263 - MW-17

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	51870	Date Analyzed:	2008-08-27	Analyzed By:	DS
Prep Batch:	44482	Sample Preparation:	2008-08-26	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		**0.0927**	mg/L	1	0.000200
2-Methylnaphthalene		**0.0962**	mg/L	1	0.000200
1-Methylnaphthalene		**0.0983**	mg/L	1	0.000200
Acenaphthylene		<0.000200	mg/L	1	0.000200
Acenaphthene		<0.000200	mg/L	1	0.000200
Dibenzofuran		**0.0108**	mg/L	1	0.000200
Fluorene		**0.00992**	mg/L	1	0.000200
Anthracene		<0.000200	mg/L	1	0.000200
Phenanthrene		**0.0121**	mg/L	1	0.000200
Fluoranthene		<0.000200	mg/L	1	0.000200
Pyrene		**0.000648**	mg/L	1	0.000200
Benzo(a)anthracene		<0.000200	mg/L	1	0.000200
Chrysene		<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(a)pyrene		<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene		<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene		<0.000200	mg/L	1	0.000200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0523	mg/L	1	0.0800	65	37.4 - 123
2-Fluorobiphenyl		0.0484	mg/L	1	0.0800	60	34.3 - 130
Terphenyl-d14		0.0632	mg/L	1	0.0800	79	10 - 252

Sample: 171263 - MW-17

Laboratory:	Midland				
Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	51696	Date Analyzed:	2008-08-22	Analyzed By:	LD
Prep Batch:	44316	Sample Preparation:	2008-08-22	Prepared By:	LD

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**55.7**	mg/L	1	5.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane	[3]	23.0	mg/L	1	10.0	230	70 - 130

Sample: 171263 - MW-17

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5030B
QC Batch:	51730	Date Analyzed:	2008-08-21	Analyzed By:	DC
Prep Batch:	44329	Sample Preparation:	2008-08-21	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**152**	mg/L	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		9.88	mg/L	100	10.0	99	70 - 130
4-Bromofluorobenzene (4-BFB)		9.33	mg/L	100	10.0	93	70 - 130

Method Blank (1) QC Batch: 51696

QC Batch:	51696	Date Analyzed:	2008-08-22	Analyzed By:	LD
Prep Batch:	44316	QC Preparation:	2008-08-22	Prepared By:	LD

Parameter	Flag	MDL Result	Units	RL
DRO		<2.44	mg/L	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		12.9	mg/L	1	10.0	129	70 - 130

[3]High surrogate recovery due to peak interference.

Method Blank (1) QC Batch: 51724

QC Batch: 51724 | Date Analyzed: 2008-08-21 | Analyzed By: DC
Prep Batch: 44329 | QC Preparation: 2008-08-21 | Prepared By: DC

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000500	mg/L	0.001
Toluene		<0.000700	mg/L	0.001
Ethylbenzene		<0.000700	mg/L	0.001
Xylene		<0.00180	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.105	mg/L	1	0.100	105	44.6 - 137.4
4-Bromofluorobenzene (4-BFB)		0.102	mg/L	1	0.100	102	37.1 - 130.9

Method Blank (1) QC Batch: 51730

QC Batch: 51730 | Date Analyzed: 2008-08-21 | Analyzed By: DC
Prep Batch: 44329 | QC Preparation: 2008-08-21 | Prepared By: DC

Parameter	Flag	MDL Result	Units	RL
GRO		0.0946	mg/L	0.1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0948	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)		0.0860	mg/L	1	0.100	86	50 - 130

Method Blank (1) QC Batch: 51870

QC Batch: 51870 | Date Analyzed: 2008-08-27 | Analyzed By: DS
Prep Batch: 44482 | QC Preparation: 2008-08-26 | Prepared By: DS

Parameter	Flag	MDL Result	Units	RL
Naphthalene		<0.0000730	mg/L	0.0002
2-Methylnaphthalene		<0.0000509	mg/L	0.0002
1-Methylnaphthalene		<0.0000748	mg/L	0.0002
Acenaphthylene		<0.0000767	mg/L	0.0002
Acenaphthene		<0.000142	mg/L	0.0002
Dibenzofuran		<0.0000470	mg/L	0.0002
Fluorene		<0.0000569	mg/L	0.0002

continued ...

method blank continued ...

Parameter	Flag	MDL Result	Units	RL
Anthracene		<0.0000876	mg/L	0.0002
Phenanthrene		<0.0000552	mg/L	0.0002
Fluoranthene		<0.0000954	mg/L	0.0002
Pyrene		<0.0000497	mg/L	0.0002
Benzo(a)anthracene		<0.0000328	mg/L	0.0002
Chrysene		<0.0000990	mg/L	0.0002
Benzo(b)fluoranthene		<0.0000684	mg/L	0.0002
Benzo(k)fluoranthene		<0.0000830	mg/L	0.0002
Benzo(a)pyrene		<0.0000549	mg/L	0.0002
Indeno(1,2,3-cd)pyrene		<0.0000869	mg/L	0.0002
Dibenzo(a,h)anthracene		<0.0000605	mg/L	0.0002
Benzo(g,h,i)perylene		<0.0000681	mg/L	0.0002

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0323	mg/L	1	0.0800	40	10 - 146
2-Fluorobiphenyl		0.0307	mg/L	1	0.0800	38	10 - 141
Terphenyl-d14		0.0658	mg/L	1	0.0800	82	10 - 266

Laboratory Control Spike (LCS-1)

QC Batch: 51696 | Date Analyzed: 2008-08-22 | Analyzed By: LD
Prep Batch: 44316 | QC Preparation: 2008-08-22 | Prepared By: LD

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	22.2	mg/L	1	25.0	<2.44	89	70 - 130

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

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	23.1	mg/L	1	25.0	<2.44	92	70 - 130	4	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
n-Triacontane	10.7	11.7	mg/L	1	10.0	107	117	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 51724 | Date Analyzed: 2008-08-21 | Analyzed By: DC
Prep Batch: 44329 | QC Preparation: 2008-08-21 | Prepared By: DC

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.110	mg/L	1	0.100	<0.000500	110	71.7 - 120.5
Toluene	0.109	mg/L	1	0.100	<0.000700	109	75.4 - 118.8
Ethylbenzene	0.108	mg/L	1	0.100	<0.000700	108	73.5 - 118
Xylene	0.321	mg/L	1	0.300	<0.00180	107	72.9 - 118.2

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

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.109	mg/L	1	0.100	<0.000500	109	71.7 - 120.5	1	20
Toluene	0.110	mg/L	1	0.100	<0.000700	110	75.4 - 118.8	1	20
Ethylbenzene	0.110	mg/L	1	0.100	<0.000700	110	73.5 - 118	2	20
Xylene	0.327	mg/L	1	0.300	<0.00180	109	72.9 - 118.2	2	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.106	0.104	mg/L	1	0.100	106	104	38.2 - 131.6
4-Bromofluorobenzene (4-BFB)	0.107	0.104	mg/L	1	0.100	107	104	43.9 - 132.4

Laboratory Control Spike (LCS-1)

QC Batch: 51730 | Date Analyzed: 2008-08-21 | Analyzed By: DC
Prep Batch: 44329 | QC Preparation: 2008-08-21 | Prepared By: DC

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	0.893	mg/L	1	1.00	0.0946	80	70 - 130

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

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	0.932	mg/L	1	1.00	0.0946	84	70 - 130	4	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)	0.0949	0.0926	mg/L	1	0.100	95	93	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0876	0.0889	mg/L	1	0.100	88	89	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 51870 | Date Analyzed: 2008-08-27 | Analyzed By: DS
Prep Batch: 44482 | QC Preparation: 2008-08-26 | Prepared By: DS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Naphthalene	0.0386	mg/L	1	0.0800	<0.0000730	48	10 - 141
2-Methylnaphthalene	0.0418	mg/L	1	0.0800	<0.0000509	52	50 - 150
1-Methylnaphthalene	0.0417	mg/L	1	0.0800	<0.0000748	52	50 - 150
Acenaphthylene	0.0502	mg/L	1	0.0800	<0.0000767	63	10 - 152
Acenaphthene	0.0478	mg/L	1	0.0800	<0.000142	60	10 - 151
Dibenzofuran	0.0492	mg/L	1	0.0800	<0.0000470	62	10 - 148
Fluorene	0.0528	mg/L	1	0.0800	<0.0000569	66	10 - 172
Anthracene	0.0578	mg/L	1	0.0800	<0.0000876	72	22.5 - 172
Phenanthrene	0.0559	mg/L	1	0.0800	<0.0000552	70	19.6 - 172
Fluoranthene	0.0625	mg/L	1	0.0800	<0.0000954	78	17.3 - 187
Pyrene	0.0621	mg/L	1	0.0800	<0.0000497	78	14.9 - 199
Benzo(a)anthracene	0.0596	mg/L	1	0.0800	<0.0000328	74	19.4 - 185
Chrysene	0.0626	mg/L	1	0.0800	<0.0000990	78	18.4 - 188
Benzo(b)fluoranthene	0.0687	mg/L	1	0.0800	<0.0000684	86	10 - 193
Benzo(k)fluoranthene	0.0821	mg/L	1	0.0800	<0.0000830	103	27.8 - 196
Benzo(a)pyrene	0.0777	mg/L	1	0.0800	<0.0000549	97	12.4 - 205
Indeno(1,2,3-cd)pyrene	0.0842	mg/L	1	0.0800	<0.0000869	105	10 - 198
Dibenzo(a,h)anthracene	0.0808	mg/L	1	0.0800	<0.0000605	101	10 - 172
Benzo(g,h,i)perylene	0.0807	mg/L	1	0.0800	<0.0000681	101	10 - 186

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

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Naphthalene	0.0393	mg/L	1	0.0800	<0.0000730	49	10 - 141	2	20
2-Methylnaphthalene	0.0419	mg/L	1	0.0800	<0.0000509	52	50 - 150	0	20
1-Methylnaphthalene	0.0430	mg/L	1	0.0800	<0.0000748	54	50 - 150	3	20
Acenaphthylene	0.0510	mg/L	1	0.0800	<0.0000767	64	10 - 152	2	20
Acenaphthene	0.0484	mg/L	1	0.0800	<0.000142	60	10 - 151	1	20
Dibenzofuran	0.0502	mg/L	1	0.0800	<0.0000470	63	10 - 148	2	20
Fluorene	0.0547	mg/L	1	0.0800	<0.0000569	68	10 - 172	4	20
Anthracene	0.0589	mg/L	1	0.0800	<0.0000876	74	22.5 - 172	2	20
Phenanthrene	0.0568	mg/L	1	0.0800	<0.0000552	71	19.6 - 172	2	20
Fluoranthene	0.0621	mg/L	1	0.0800	<0.0000954	78	17.3 - 187	1	20
Pyrene	0.0629	mg/L	1	0.0800	<0.0000497	79	14.9 - 199	1	20
Benzo(a)anthracene	0.0600	mg/L	1	0.0800	<0.0000328	75	19.4 - 185	1	20
Chrysene	0.0627	mg/L	1	0.0800	<0.0000990	78	18.4 - 188	0	20
Benzo(b)fluoranthene	0.0663	mg/L	1	0.0800	<0.0000684	83	10 - 193	4	20
Benzo(k)fluoranthene	0.0798	mg/L	1	0.0800	<0.0000830	100	27.8 - 196	3	20
Benzo(a)pyrene	0.0755	mg/L	1	0.0800	<0.0000549	94	12.4 - 205	3	20
Indeno(1,2,3-cd)pyrene	0.0829	mg/L	1	0.0800	<0.0000869	104	10 - 198	2	20
Dibenzo(a,h)anthracene	0.0783	mg/L	1	0.0800	<0.0000605	98	10 - 172	3	20
Benzo(g,h,i)perylene	0.0792	mg/L	1	0.0800	<0.0000681	99	10 - 186	2	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Nitrobenzene-d5	0.0431	0.0439	mg/L	1	0.0800	54	55	10 - 165
2-Fluorobiphenyl	0.0445	0.0448	mg/L	1	0.0800	56	56	10 - 157
Terphenyl-d14	0.0650	0.0655	mg/L	1	0.0800	81	82	10 - 220

Matrix Spike (MS-1) Spiked Sample: 171261

QC Batch: 51696 | Date Analyzed: 2008-08-22 | Analyzed By: LD
Prep Batch: 44316 | QC Preparation: 2008-08-22 | Prepared By: LD

Param		MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	[4]	23.2	mg/L	1	25.0	12.6	42	70 - 130

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
DRO	[5]	23.2	mg/L	1	25.0	12.6	42	70 - 130	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
n-Triacontane	13.0	12.7	mg/L	1	10	130	127	70 - 130

Matrix Spike (MS-1) Spiked Sample: 171265

QC Batch: 51724 | Date Analyzed: 2008-08-21 | Analyzed By: DC
Prep Batch: 44329 | QC Preparation: 2008-08-21 | Prepared By: DC

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.548	mg/L	5	0.500	0.0659	96	10 - 160.8
Toluene	0.483	mg/L	5	0.500	<0.00350	97	10 - 160.7
Ethylbenzene	0.484	mg/L	5	0.500	0.0086	95	10 - 158.3
Xylene	1.43	mg/L	5	1.50	<0.00900	95	10 - 158

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	0.562	mg/L	5	0.500	0.0659	99	10 - 160.8	2	20
Toluene	0.488	mg/L	5	0.500	<0.00350	98	10 - 160.7	1	20

continued ...

[4]Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control.
[5]Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control.

matrix spikes continued ...

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Ethylbenzene	0.495	mg/L	5	0.500	0.0086	97	10 - 158.3	2	20
Xylene	1.46	mg/L	5	1.50	<0.00900	97	10 - 158	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)	0.507	0.530	mg/L	5	0.5	101	106	33.1 - 132.5
4-Bromofluorobenzene (4-BFB)	0.527	0.536	mg/L	5	0.5	105	107	37.5 - 136

Matrix Spike (MS-1) Spiked Sample: 171261

QC Batch: 51730 | Date Analyzed: 2008-08-21 | Analyzed By: DC
Prep Batch: 44329 | QC Preparation: 2008-08-21 | Prepared By: DC

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	131	mg/L	50	50.0	91.5831	79	70 - 130

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
GRO	139	mg/L	50	50.0	91.5831	95	70 - 130	6	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)	4.83	4.98	mg/L	50	5	97	100	70 - 130
4-Bromofluorobenzene (4-BFB)	4.74	4.91	mg/L	50	5	95	98	70 - 130

Standard (ICV-1)

QC Batch: 51696 | Date Analyzed: 2008-08-22 | Analyzed By: LD

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/L	250	233	93	85 - 115	2008-08-22

Standard (CCV-1)

QC Batch: 51696 | Date Analyzed: 2008-08-22 | Analyzed By: LD

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/L	250	213	85	85 - 115	2008-08-22

Standard (ICV-1)

QC Batch: 51724 Date Analyzed: 2008-08-21 Analyzed By: DC

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.113	113	85 - 115	2008-08-21
Toluene		mg/L	0.100	0.113	113	85 - 115	2008-08-21
Ethylbenzene		mg/L	0.100	0.112	112	85 - 115	2008-08-21
Xylene		mg/L	0.300	0.336	112	85 - 115	2008-08-21

Standard (CCV-1)

QC Batch: 51724 Date Analyzed: 2008-08-21 Analyzed By: DC

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.114	114	85 - 115	2008-08-21
Toluene		mg/L	0.100	0.114	114	85 - 115	2008-08-21
Ethylbenzene		mg/L	0.100	0.112	112	85 - 115	2008-08-21
Xylene		mg/L	0.300	0.339	113	85 - 115	2008-08-21

Standard (ICV-1)

QC Batch: 51730 Date Analyzed: 2008-08-21 Analyzed By: DC

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	0.973	97	85 - 115	2008-08-21

Standard (CCV-1)

QC Batch: 51730 Date Analyzed: 2008-08-21 Analyzed By: DC

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	1.10	110	85 - 115	2008-08-21

Standard (CCV-1)

QC Batch: 51870 Date Analyzed: 2008-08-27 Analyzed By: DS

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Naphthalene		mg/L	60.0	56.3	94	80 - 120	2008-08-27
2-Methylnaphthalene		mg/L	60.0	54.2	90	80 - 120	2008-08-27
1-Methylnaphthalene		mg/L	60.0	54.6	91	80 - 120	2008-08-27
Acenaphthylene		mg/L	60.0	59.2	99	80 - 120	2008-08-27
Acenaphthene		mg/L	60.0	58.1	97	80 - 120	2008-08-27
Dibenzofuran		mg/L	60.0	60.8	101	80 - 120	2008-08-27
Fluorene		mg/L	60.0	65.0	108	80 - 120	2008-08-27
Anthracene		mg/L	60.0	58.9	98	80 - 120	2008-08-27
Phenanthrene		mg/L	60.0	57.0	95	80 - 120	2008-08-27
Fluoranthene		mg/L	60.0	57.4	96	80 - 120	2008-08-27
Pyrene		mg/L	60.0	61.4	102	80 - 120	2008-08-27
Benzo(a)anthracene		mg/L	60.0	55.8	93	80 - 120	2008-08-27
Chrysene		mg/L	60.0	58.0	97	80 - 120	2008-08-27
Benzo(b)fluoranthene		mg/L	60.0	56.5	94	80 - 120	2008-08-27
Benzo(k)fluoranthene		mg/L	60.0	63.4	106	80 - 120	2008-08-27
Benzo(a)pyrene		mg/L	60.0	59.0	98	80 - 120	2008-08-27
Indeno(1,2,3-cd)pyrene		mg/L	60.0	68.9	115	80 - 120	2008-08-27
Dibenzo(a,h)anthracene		mg/L	60.0	68.3	114	80 - 120	2008-08-27
Benzo(g,h,i)perylene		mg/L	60.0	66.4	111	80 - 120	2008-08-27

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limit
Nitrobenzene-d5		58.2	mg/L	1	60.0	97	80 - 120
2-Fluorobiphenyl		58.3	mg/L	1	60.0	97	80 - 120
Terphenyl-d14		59.7	mg/L	1	60.0	100	80 - 120

Standard (CCV-2)

QC Batch: 51870 Date Analyzed: 2008-08-27 Analyzed By: DS

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Naphthalene		mg/L	60.0	55.4	92	80 - 120	2008-08-27

continued ...

standard continued ...

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
2-Methylnaphthalene		mg/L	60.0	55.3	92	80 - 120	2008-08-27
1-Methylnaphthalene		mg/L	60.0	55.8	93	80 - 120	2008-08-27
Acenaphthylene		mg/L	60.0	58.9	98	80 - 120	2008-08-27
Acenaphthene		mg/L	60.0	57.7	96	80 - 120	2008-08-27
Dibenzofuran		mg/L	60.0	62.0	103	80 - 120	2008-08-27
Fluorene		mg/L	60.0	66.8	111	80 - 120	2008-08-27
Anthracene		mg/L	60.0	58.3	97	80 - 120	2008-08-27
Phenanthrene		mg/L	60.0	56.7	94	80 - 120	2008-08-27
Fluoranthene		mg/L	60.0	55.7	93	80 - 120	2008-08-27
Pyrene		mg/L	60.0	59.3	99	80 - 120	2008-08-27
Benzo(a)anthracene		mg/L	60.0	55.6	93	80 - 120	2008-08-27
Chrysene		mg/L	60.0	57.7	96	80 - 120	2008-08-27
Benzo(b)fluoranthene		mg/L	60.0	56.2	94	80 - 120	2008-08-27
Benzo(k)fluoranthene		mg/L	60.0	61.0	102	80 - 120	2008-08-27
Benzo(a)pyrene		mg/L	60.0	60.5	101	80 - 120	2008-08-27
Indeno(1,2,3-cd)pyrene		mg/L	60.0	67.5	112	80 - 120	2008-08-27
Dibenzo(a,h)anthracene		mg/L	60.0	67.6	113	80 - 120	2008-08-27
Benzo(g,h,i)perylene		mg/L	60.0	67.2	112	80 - 120	2008-08-27

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limit
Nitrobenzene-d5		56.9	mg/L	1	60.0	95	80 - 120
2-Fluorobiphenyl		54.6	mg/L	1	60.0	91	80 - 120
Terphenyl-d14		58.9	mg/L	1	60.0	98	80 - 120

LAB Order ID # 8082027 Page 1 of 1

TraceAnalysis, Inc.

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1 (888) 588-3443

6015 Harris Pkwy., Suite 110
Ft. Worth, Texas 76132
Tel (817) 201-5260

Company Name: Talon LPE
Phone #: 432-522-2133
Address: (Street, City, Zip)
Fax #:
Contact Person: Shanna Smith
E-mail: Camille Reynolds ssmith@talonlpe.com
Invoice to: (If different from above) SRS# 2003-00017
Project #: PLAINS 047 SPL
Project Name: Junction Mainline
Project Location (including state): Hobbs, NM
Sampler Signature: Camille Reynolds [signature], Vessels

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	MATRIX: SOIL	MATRIX: AIR	MATRIX: SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	SAMPLING: TIME	MTBE 8021B / 602 / 8260B / 624	BTEX (8021B) 602 / 8260B / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	(TPH 8015) GRO / DRO / TVHC MoD.	(PAH) 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content	Turn Around Time if different from standard	Hold
171261	MW-2	7	Ltr VOA	✓				✓				✓		8-20-08	1314		✓		✓	✓														
262	MW-14	7	Ltr VOA	✓				✓				✓		8-20-08	1245		✓		✓	✓														
263	MW-17	7	Ltr VOA	✓				✓				✓		8-20-08	1107		✓		✓	✓														

Relinquished by: [signature] Date: 8/20/08 Time: 16:00
Received by: Lindsey Wilson Date: 8-20-08 Time: 16:28 3.5

Relinquished by: Date: Time:
Received by: Date: Time:

Relinquished by: Date: Time:
Received at Laboratory by: Date: Time:

LAB USE ONLY
Intact (Y) / N
Headspace Y / N
Temp 3.5°
Log-in-Review

REMARKS:
PAH - Lubbock
BTEX, Dro, Gro - Midland

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

Carrier # carry-in

ORIGINAL COPY

TRACEANALYSIS, INC.

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

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

Shanna Smith
Talon LPE-Amarillo
921 North Bivins
Amarillo, TX, 79107

Report Date: September 2, 2008

Work Order: 8082208

Project Location: Hobbs, NM
Project Name: Hobbs Junction Mainline
Project Number: Plains047SPL
SRS #: 2003-00017

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
171429	MW-3	water	2008-08-21	10:45	2008-08-22
171430	MW-4	water	2008-08-21	09:57	2008-08-22
171431	MW-6	water	2008-08-21	12:25	2008-08-22
171432	MW-10	water	2008-08-21	14:07	2008-08-22
171433	MW-12	water	2008-08-21	15:29	2008-08-22
171434	MW-16	water	2008-08-21	15:15	2008-08-22
171435	MW-18	water	2008-08-21	15:19	2008-08-22
171436	MW-19	water	2008-08-21	14:23	2008-08-22
171437	MW-20	water	2008-08-21	15:09	2008-08-22

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
171438	MW-21	water	2008-08-21	14:50	2008-08-22
171439	MW-22	water	2008-08-21	14:30	2008-08-22
171440	MW-23	water	2008-08-21	14:44	2008-08-22
171441	MW-24	water	2008-08-21	15:00	2008-08-22

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.

Dr. Blair Leftwich, Director

Standard Flags

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

Case Narrative

Samples for project Hobbs Junction Mainline were received by TraceAnalysis, Inc. on 2008-08-22 and assigned to work order 8082208. Samples for work order 8082208 were received intact without headspace and at a temperature of 2.6 deg. C.

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

Test	Method
BTEX	S 8021B
PAH	S 8270C
TPH DRO	Mod. 8015B
TPH GRO	S 8015B

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 8082208 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.

Analytical Report

Sample: 171429 - MW-3

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	51932	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44472	Sample Preparation:	2008-08-28	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**19.6**	mg/L	100	0.00100
Toluene		**10.9**	mg/L	100	0.00100
Ethylbenzene		**2.16**	mg/L	100	0.00100
Xylene		**3.09**	mg/L	100	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		10.8	mg/L	100	10.0	108	65.1 - 116.8
4-Bromofluorobenzene (4-BFB)		11.1	mg/L	100	10.0	111	52 - 124.1

Sample: 171429 - MW-3

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	51870	Date Analyzed:	2008-08-27	Analyzed By:	DS
Prep Batch:	44482	Sample Preparation:	2008-08-26	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		**0.0537**	mg/L	1	0.000200
2-Methylnaphthalene		**0.0412**	mg/L	1	0.000200
1-Methylnaphthalene		**0.0436**	mg/L	1	0.000200
Acenaphthylene		<0.000200	mg/L	1	0.000200
Acenaphthene		<0.000200	mg/L	1	0.000200
Dibenzofuran		**0.00406**	mg/L	1	0.000200
Fluorene		**0.00323**	mg/L	1	0.000200
Anthracene		<0.000200	mg/L	1	0.000200
Phenanthrene		**0.00346**	mg/L	1	0.000200
Fluoranthene		<0.000200	mg/L	1	0.000200
Pyrene		**0.000212**	mg/L	1	0.000200
Benzo(a)anthracene		<0.000200	mg/L	1	0.000200
Chrysene		<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(a)pyrene		<0.000200	mg/L	1	0.000200

continued ...

sample 171429 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene		<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene		<0.000200	mg/L	1	0.000200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0390	mg/L	1	0.0800	49	37.4 - 123
2-Fluorobiphenyl		0.0395	mg/L	1	0.0800	49	34.3 - 130
Terphenyl-d14		0.0540	mg/L	1	0.0800	68	10 - 252

Sample: 171429 - MW-3

Laboratory:	Midland				
Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	51780	Date Analyzed:	2008-08-25	Analyzed By:	LD
Prep Batch:	44353	Sample Preparation:	2008-08-25	Prepared By:	LD

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**5.78**	mg/L	1	5.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane	[1]	13.3	mg/L	1	10.0	133	70 - 130

Sample: 171429 - MW-3

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5030B
QC Batch:	51933	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44472	Sample Preparation:	2008-08-28	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**84.6**	mg/L	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.02	mg/L	10	1.00	102	70 - 130
4-Bromofluorobenzene (4-BFB)		1.13	mg/L	10	1.00	113	70 - 130

[1]High surrogate recovery. Sample non-detect, result bias high.

Sample: 171430 - MW-4

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	51932	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44472	Sample Preparation:	2008-08-28	Prepared By:	DC

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		**44.0**		mg/L	100	0.00100
Toluene		**9.98**		mg/L	100	0.00100
Ethylbenzene		**2.72**		mg/L	100	0.00100
Xylene		**4.10**		mg/L	100	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		10.7	mg/L	100	10.0	107	65.1 - 116.8
4-Bromofluorobenzene (4-BFB)		10.7	mg/L	100	10.0	107	52 - 124.1

Sample: 171430 - MW-4

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	51870	Date Analyzed:	2008-08-27	Analyzed By:	DS
Prep Batch:	44482	Sample Preparation:	2008-08-26	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Naphthalene		**0.102**		mg/L	1	0.000200
2-Methylnaphthalene	[2]	**0.126**		mg/L	1	0.000200
1-Methylnaphthalene	[3]	**0.127**		mg/L	1	0.000200
Acenaphthylene		<0.000200		mg/L	1	0.000200
Acenaphthene		<0.000200		mg/L	1	0.000200
Dibenzofuran		**0.0146**		mg/L	1	0.000200
Fluorene		**0.0137**		mg/L	1	0.000200
Anthracene		<0.000200		mg/L	1	0.000200
Phenanthrene		**0.0176**		mg/L	1	0.000200
Fluoranthene		<0.000200		mg/L	1	0.000200
Pyrene		**0.00108**		mg/L	1	0.000200
Benzo(a)anthracene		<0.000200		mg/L	1	0.000200
Chrysene		<0.000200		mg/L	1	0.000200
Benzo(b)fluoranthene		<0.000200		mg/L	1	0.000200
Benzo(k)fluoranthene		<0.000200		mg/L	1	0.000200
Benzo(a)pyrene		<0.000200		mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene		<0.000200		mg/L	1	0.000200

continued ...

[2]Estimated concentration value greater than standard range.
[3]Estimated concentration value greater than standard range.

sample 171430 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Dibenzo(a,h)anthracene		<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene		<0.000200	mg/L	1	0.000200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0540	mg/L	1	0.0800	68	37.4 - 123
2-Fluorobiphenyl		0.0493	mg/L	1	0.0800	62	34.3 - 130
Terphenyl-d14		0.0632	mg/L	1	0.0800	79	10 - 252

Sample: 171430 - MW-4

Laboratory:	Midland				
Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	51780	Date Analyzed:	2008-08-25	Analyzed By:	LD
Prep Batch:	44353	Sample Preparation:	2008-08-25	Prepared By:	LD

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**17.9**	mg/L	1	5.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane	[4]	13.9	mg/L	1	10.0	139	70 - 130

Sample: 171430 - MW-4

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5030B
QC Batch:	51933	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44472	Sample Preparation:	2008-08-28	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**140**	mg/L	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		9.79	mg/L	100	10.0	98	70 - 130
4-Bromofluorobenzene (4-BFB)		9.30	mg/L	100	10.0	93	70 - 130

[4]High surrogate recovery due to peak interference.

Sample: 171431 - MW-6

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	51932	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44472	Sample Preparation:	2008-08-28	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**33.1**	mg/L	100	0.00100
Toluene		**6.48**	mg/L	100	0.00100
Ethylbenzene		**2.61**	mg/L	100	0.00100
Xylene		**3.84**	mg/L	100	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		10.5	mg/L	100	10.0	105	65.1 - 116.8
4-Bromofluorobenzene (4-BFB)		10.8	mg/L	100	10.0	108	52 - 124.1

Sample: 171431 - MW-6

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	51870	Date Analyzed:	2008-08-27	Analyzed By:	DS
Prep Batch:	44482	Sample Preparation:	2008-08-26	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		**0.0494**	mg/L	1	0.000200
2-Methylnaphthalene		**0.0301**	mg/L	1	0.000200
1-Methylnaphthalene		**0.0316**	mg/L	1	0.000200
Acenaphthylene		<0.000200	mg/L	1	0.000200
Acenaphthene		<0.000200	mg/L	1	0.000200
Dibenzofuran		**0.00272**	mg/L	1	0.000200
Fluorene		**0.00215**	mg/L	1	0.000200
Anthracene		<0.000200	mg/L	1	0.000200
Phenanthrene		**0.00195**	mg/L	1	0.000200
Fluoranthene		<0.000200	mg/L	1	0.000200
Pyrene		<0.000200	mg/L	1	0.000200
Benzo(a)anthracene		<0.000200	mg/L	1	0.000200
Chrysene		<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(a)pyrene		<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene		<0.000200	mg/L	1	0.000200

continued ...

sample 171431 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Benzo(g,h,i)perylene		<0.000200	mg/L	1	0.000200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0364	mg/L	1	0.0800	46	37.4 - 123
2-Fluorobiphenyl		0.0411	mg/L	1	0.0800	51	34.3 - 130
Terphenyl-d14		0.0567	mg/L	1	0.0800	71	10 - 252

Sample: 171431 - MW-6

Laboratory:	Midland				
Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	51780	Date Analyzed:	2008-08-25	Analyzed By:	LD
Prep Batch:	44353	Sample Preparation:	2008-08-25	Prepared By:	LD

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<5.00	mg/L	1	5.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		12.1	mg/L	1	10.0	121	70 - 130

Sample: 171431 - MW-6

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5030B
QC Batch:	51933	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44472	Sample Preparation:	2008-08-28	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**95.6**	mg/L	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.959	mg/L	10	1.00	96	70 - 130
4-Bromofluorobenzene (4-BFB)		1.08	mg/L	10	1.00	108	70 - 130

Sample: 171432 - MW-10

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	51932	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44472	Sample Preparation:	2008-08-28	Prepared By:	DC

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		**3.90**		mg/L	20	0.00100
Toluene		<0.0200		mg/L	20	0.00100
Ethylbenzene		**0.356**		mg/L	20	0.00100
Xylene		<0.0200		mg/L	20	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.20	mg/L	20	2.00	110	65.1 - 116.8
4-Bromofluorobenzene (4-BFB)		2.20	mg/L	20	2.00	110	52 - 124.1

Sample: 171432 - MW-10

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	51870	Date Analyzed:	2008-08-27	Analyzed By:	DS
Prep Batch:	44482	Sample Preparation:	2008-08-26	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Naphthalene		<0.000200		mg/L	1	0.000200
2-Methylnaphthalene		<0.000200		mg/L	1	0.000200
1-Methylnaphthalene		**0.00181**		mg/L	1	0.000200
Acenaphthylene		<0.000200		mg/L	1	0.000200
Acenaphthene		<0.000200		mg/L	1	0.000200
Dibenzofuran		**0.000254**		mg/L	1	0.000200
Fluorene		<0.000200		mg/L	1	0.000200
Anthracene		<0.000200		mg/L	1	0.000200
Phenanthrene		<0.000200		mg/L	1	0.000200
Fluoranthene		<0.000200		mg/L	1	0.000200
Pyrene		<0.000200		mg/L	1	0.000200
Benzo(a)anthracene		<0.000200		mg/L	1	0.000200
Chrysene		<0.000200		mg/L	1	0.000200
Benzo(b)fluoranthene		<0.000200		mg/L	1	0.000200
Benzo(k)fluoranthene		<0.000200		mg/L	1	0.000200
Benzo(a)pyrene		<0.000200		mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene		<0.000200		mg/L	1	0.000200
Dibenzo(a,h)anthracene		<0.000200		mg/L	1	0.000200

continued ...

sample 171432 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Benzo(g,h,i)perylene		<0.000200	mg/L	1	0.000200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0367	mg/L	1	0.0800	46	37.4 - 123
2-Fluorobiphenyl		0.0348	mg/L	1	0.0800	44	34.3 - 130
Terphenyl-d14		0.0579	mg/L	1	0.0800	72	10 - 252

Sample: 171433 - MW-12

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	51932	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44472	Sample Preparation:	2008-08-28	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**24.9**	mg/L	100	0.00100
Toluene		**14.8**	mg/L	100	0.00100
Ethylbenzene		**3.19**	mg/L	100	0.00100
Xylene		**4.79**	mg/L	100	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		11.0	mg/L	100	10.0	110	65.1 - 116.8
4-Bromofluorobenzene (4-BFB)		11.2	mg/L	100	10.0	112	52 - 124.1

Sample: 171433 - MW-12

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	51870	Date Analyzed:	2008-08-27	Analyzed By:	DS
Prep Batch:	44482	Sample Preparation:	2008-08-26	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		**0.0413**	mg/L	1	0.000200
2-Methylnaphthalene		**0.0642**	mg/L	1	0.000200
1-Methylnaphthalene		**0.0630**	mg/L	1	0.000200
Acenaphthylene		<0.000200	mg/L	1	0.000200
Acenaphthene		<0.000200	mg/L	1	0.000200

continued ...

sample 171433 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Dibenzofuran		**0.00772**	mg/L	1	0.000200
Fluorene		**0.00735**	mg/L	1	0.000200
Anthracene		<0.000200	mg/L	1	0.000200
Phenanthrene		**0.00999**	mg/L	1	0.000200
Fluoranthene		<0.000200	mg/L	1	0.000200
Pyrene		**0.000659**	mg/L	1	0.000200
Benzo(a)anthracene		<0.000200	mg/L	1	0.000200
Chrysene		<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(a)pyrene		<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene		<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene		<0.000200	mg/L	1	0.000200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	[5]	0.0130	mg/L	1	0.0800	16	37.4 - 123
2-Fluorobiphenyl	[6]	0.0112	mg/L	1	0.0800	14	34.3 - 130
Terphenyl-d14		0.0141	mg/L	1	0.0800	18	10 - 252

Sample: 171433 - MW-12

Laboratory:	Midland				
Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	51780	Date Analyzed:	2008-08-25	Analyzed By:	LD
Prep Batch:	44353	Sample Preparation:	2008-08-25	Prepared By:	LD

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**82.4**	mg/L	1	5.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane	[7]	40.1	mg/L	1	10.0	401	70 - 130

Sample: 171433 - MW-12

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5030B
QC Batch:	51933	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44472	Sample Preparation:	2008-08-28	Prepared By:	DC

[5]8270 Only - Two basic surrogates are out of control limits. The other basic surrogate shows extraction was performed properly.
[6]8270 Only - Two basic surrogates are out of control limits. The other basic surrogate shows extraction was performed properly.
[7]High surrogate recovery due to peak interference.

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**103**	mg/L	50	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4.81	mg/L	50	5.00	96	70 - 130
4-Bromofluorobenzene (4-BFB)		4.75	mg/L	50	5.00	95	70 - 130

Sample: 171434 - MW-16

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	51910	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44517	Sample Preparation:	2008-08-29	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.00140**	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0965	mg/L	1	0.100	96	77.8 - 121.1
4-Bromofluorobenzene (4-BFB)		0.0950	mg/L	1	0.100	95	40.1 - 136

Sample: 171434 - MW-16

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	51870	Date Analyzed:	2008-08-27	Analyzed By:	DS
Prep Batch:	44482	Sample Preparation:	2008-08-26	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		<0.000200	mg/L	1	0.000200
2-Methylnaphthalene		<0.000200	mg/L	1	0.000200
1-Methylnaphthalene		<0.000200	mg/L	1	0.000200
Acenaphthylene		<0.000200	mg/L	1	0.000200
Acenaphthene		<0.000200	mg/L	1	0.000200
Dibenzofuran		<0.000200	mg/L	1	0.000200
Fluorene		<0.000200	mg/L	1	0.000200
Anthracene		<0.000200	mg/L	1	0.000200

continued ...

sample 171434 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Phenanthrene		<0.000200	mg/L	1	0.000200
Fluoranthene		<0.000200	mg/L	1	0.000200
Pyrene		<0.000200	mg/L	1	0.000200
Benzo(a)anthracene		<0.000200	mg/L	1	0.000200
Chrysene		<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(a)pyrene		<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene		<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene		<0.000200	mg/L	1	0.000200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0357	mg/L	1	0.0800	45	37.4 - 123
2-Fluorobiphenyl		0.0373	mg/L	1	0.0800	47	34.3 - 130
Terphenyl-d14		0.0602	mg/L	1	0.0800	75	10 - 252

Sample: 171435 - MW-18

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	51932	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44472	Sample Preparation:	2008-08-28	Prepared By:	DC

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)		0.109	mg/L	1	0.100	109	65.1 - 116.8
4-Bromofluorobenzene (4-BFB)		0.108	mg/L	1	0.100	108	52 - 124.1

Sample: 171435 - MW-18

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	51870	Date Analyzed:	2008-08-27	Analyzed By:	DS
Prep Batch:	44482	Sample Preparation:	2008-08-26	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		<0.000200	mg/L	1	0.000200
2-Methylnaphthalene		<0.000200	mg/L	1	0.000200
1-Methylnaphthalene		<0.000200	mg/L	1	0.000200
Acenaphthylene		<0.000200	mg/L	1	0.000200
Acenaphthene		<0.000200	mg/L	1	0.000200
Dibenzofuran		<0.000200	mg/L	1	0.000200
Fluorene		<0.000200	mg/L	1	0.000200
Anthracene		<0.000200	mg/L	1	0.000200
Phenanthrene		<0.000200	mg/L	1	0.000200
Fluoranthene		<0.000200	mg/L	1	0.000200
Pyrene		<0.000200	mg/L	1	0.000200
Benzo(a)anthracene		<0.000200	mg/L	1	0.000200
Chrysene		<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(a)pyrene		<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene		<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene		<0.000200	mg/L	1	0.000200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0422	mg/L	1	0.0800	53	37.4 - 123
2-Fluorobiphenyl		0.0452	mg/L	1	0.0800	56	34.3 - 130
Terphenyl-d14		0.0596	mg/L	1	0.0800	74	10 - 252

Sample: 171436 - MW-19

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	51910	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44517	Sample Preparation:	2008-08-29	Prepared By:	DC

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

continued ...

sample 171436 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
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)		0.0945	mg/L	1	0.100	94	77.8 - 121.1
4-Bromofluorobenzene (4-BFB)		0.0934	mg/L	1	0.100	93	40.1 - 136

Sample: 171436 - MW-19

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	51870	Date Analyzed:	2008-08-27	Analyzed By:	DS
Prep Batch:	44482	Sample Preparation:	2008-08-26	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		<0.000200	mg/L	1	0.000200
2-Methylnaphthalene		<0.000200	mg/L	1	0.000200
1-Methylnaphthalene		<0.000200	mg/L	1	0.000200
Acenaphthylene		<0.000200	mg/L	1	0.000200
Acenaphthene		<0.000200	mg/L	1	0.000200
Dibenzofuran		<0.000200	mg/L	1	0.000200
Fluorene		<0.000200	mg/L	1	0.000200
Anthracene		<0.000200	mg/L	1	0.000200
Phenanthrene		<0.000200	mg/L	1	0.000200
Fluoranthene		<0.000200	mg/L	1	0.000200
Pyrene		<0.000200	mg/L	1	0.000200
Benzo(a)anthracene		<0.000200	mg/L	1	0.000200
Chrysene		<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(a)pyrene		<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene		<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene		<0.000200	mg/L	1	0.000200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0388	mg/L	1	0.0800	48	37.4 - 123
2-Fluorobiphenyl		0.0432	mg/L	1	0.0800	54	34.3 - 130
Terphenyl-d14		0.0544	mg/L	1	0.0800	68	10 - 252

Sample: 171437 - MW-20

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	51910	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44517	Sample Preparation:	2008-08-29	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**31.0**	mg/L	100	0.00100
Toluene		<0.100	mg/L	100	0.00100
Ethylbenzene		**1.74**	mg/L	100	0.00100
Xylene		**0.325**	mg/L	100	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		9.96	mg/L	100	10.0	100	77.8 - 121.1
4-Bromofluorobenzene (4-BFB)		9.57	mg/L	100	10.0	96	40.1 - 136

Sample: 171437 - MW-20

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	51870	Date Analyzed:	2008-08-27	Analyzed By:	DS
Prep Batch:	44482	Sample Preparation:	2008-08-26	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		**0.0323**	mg/L	1	0.000200
2-Methylnaphthalene		**0.0139**	mg/L	1	0.000200
1-Methylnaphthalene		**0.0232**	mg/L	1	0.000200
Acenaphthylene		<0.000200	mg/L	1	0.000200
Acenaphthene		<0.000200	mg/L	1	0.000200
Dibenzofuran		**0.00207**	mg/L	1	0.000200
Fluorene		**0.00125**	mg/L	1	0.000200
Anthracene		<0.000200	mg/L	1	0.000200
Phenanthrene		**0.00114**	mg/L	1	0.000200
Fluoranthene		<0.000200	mg/L	1	0.000200
Pyrene		<0.000200	mg/L	1	0.000200
Benzo(a)anthracene		<0.000200	mg/L	1	0.000200
Chrysene		<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(a)pyrene		<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene		<0.000200	mg/L	1	0.000200

continued ...

sample 171437 continued ...

Parameter	Flag	Result	RL Result	Units	Dilution	RL
Benzo(g,h,i)perylene			<0.000200	mg/L	1	0.000200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0401	mg/L	1	0.0800	50	37.4 - 123
2-Fluorobiphenyl		0.0459	mg/L	1	0.0800	57	34.3 - 130
Terphenyl-d14		0.0598	mg/L	1	0.0800	75	10 - 252

Sample: 171438 - MW-21

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	51910	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44517	Sample Preparation:	2008-08-29	Prepared By:	DC

Parameter	Flag	Result	RL Result	Units	Dilution	RL
Benzene			**0.849**	mg/L	20	0.00100
Toluene			<0.0200	mg/L	20	0.00100
Ethylbenzene			<0.0200	mg/L	20	0.00100
Xylene			**0.0238**	mg/L	20	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.92	mg/L	20	2.00	96	77.8 - 121.1
4-Bromofluorobenzene (4-BFB)		1.82	mg/L	20	2.00	91	40.1 - 136

Sample: 171438 - MW-21

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	51870	Date Analyzed:	2008-08-27	Analyzed By:	DS
Prep Batch:	44482	Sample Preparation:	2008-08-26	Prepared By:	DS

Parameter	Flag	Result	RL Result	Units	Dilution	RL
Naphthalene			<0.000200	mg/L	1	0.000200
2-Methylnaphthalene			<0.000200	mg/L	1	0.000200
1-Methylnaphthalene			**0.00116**	mg/L	1	0.000200
Acenaphthylene			<0.000200	mg/L	1	0.000200
Acenaphthene			<0.000200	mg/L	1	0.000200

continued ...

sample 171438 continued ...

Parameter	Flag	Result	RL	Units	Dilution	RL
Dibenzofuran		<0.000200		mg/L	1	0.000200
Fluorene		<0.000200		mg/L	1	0.000200
Anthracene		<0.000200		mg/L	1	0.000200
Phenanthrene		**0.000202**		mg/L	1	0.000200
Fluoranthene		<0.000200		mg/L	1	0.000200
Pyrene		<0.000200		mg/L	1	0.000200
Benzo(a)anthracene		<0.000200		mg/L	1	0.000200
Chrysene		<0.000200		mg/L	1	0.000200
Benzo(b)fluoranthene		<0.000200		mg/L	1	0.000200
Benzo(k)fluoranthene		<0.000200		mg/L	1	0.000200
Benzo(a)pyrene		<0.000200		mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene		<0.000200		mg/L	1	0.000200
Dibenzo(a,h)anthracene		<0.000200		mg/L	1	0.000200
Benzo(g,h,i)perylene		<0.000200		mg/L	1	0.000200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0443	mg/L	1	0.0800	55	37.4 - 123
2-Fluorobiphenyl		0.0443	mg/L	1	0.0800	55	34.3 - 130
Terphenyl-d14		0.0580	mg/L	1	0.0800	72	10 - 252

Sample: 171439 - MW-22

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	51910	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44517	Sample Preparation:	2008-08-29	Prepared By:	DC

Parameter	Flag	Result	RL	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)		0.0958	mg/L	1	0.100	96	77.8 - 121.1
4-Bromofluorobenzene (4-BFB)		0.0933	mg/L	1	0.100	93	40.1 - 136

Sample: 171439 - MW-22

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	51870	Date Analyzed:	2008-08-27	Analyzed By:	DS
Prep Batch:	44482	Sample Preparation:	2008-08-26	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		<0.000200	mg/L	1	0.000200
2-Methylnaphthalene		<0.000200	mg/L	1	0.000200
1-Methylnaphthalene		<0.000200	mg/L	1	0.000200
Acenaphthylene		<0.000200	mg/L	1	0.000200
Acenaphthene		<0.000200	mg/L	1	0.000200
Dibenzofuran		<0.000200	mg/L	1	0.000200
Fluorene		<0.000200	mg/L	1	0.000200
Anthracene		<0.000200	mg/L	1	0.000200
Phenanthrene		<0.000200	mg/L	1	0.000200
Fluoranthene		<0.000200	mg/L	1	0.000200
Pyrene		<0.000200	mg/L	1	0.000200
Benzo(a)anthracene		<0.000200	mg/L	1	0.000200
Chrysene		<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(a)pyrene		<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene		<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene		<0.000200	mg/L	1	0.000200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0495	mg/L	1	0.0800	62	37.4 - 123
2-Fluorobiphenyl		0.0504	mg/L	1	0.0800	63	34.3 - 130
Terphenyl-d14		0.0663	mg/L	1	0.0800	83	10 - 252

Sample: 171440 - MW-23

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	51910	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44517	Sample Preparation:	2008-08-29	Prepared By:	DC

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

continued ...

sample 171440 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
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)		0.0953	mg/L	1	0.100	95	77.8 - 121.1
4-Bromofluorobenzene (4-BFB)		0.0908	mg/L	1	0.100	91	40.1 - 136

Sample: 171440 - MW-23

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	51870	Date Analyzed:	2008-08-27	Analyzed By:	DS
Prep Batch:	44482	Sample Preparation:	2008-08-26	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		<0.000200	mg/L	1	0.000200
2-Methylnaphthalene		<0.000200	mg/L	1	0.000200
1-Methylnaphthalene		<0.000200	mg/L	1	0.000200
Acenaphthylene		<0.000200	mg/L	1	0.000200
Acenaphthene		<0.000200	mg/L	1	0.000200
Dibenzofuran		<0.000200	mg/L	1	0.000200
Fluorene		<0.000200	mg/L	1	0.000200
Anthracene		<0.000200	mg/L	1	0.000200
Phenanthrene		<0.000200	mg/L	1	0.000200
Fluoranthene		<0.000200	mg/L	1	0.000200
Pyrene		<0.000200	mg/L	1	0.000200
Benzo(a)anthracene		<0.000200	mg/L	1	0.000200
Chrysene		<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(a)pyrene		<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene		<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene		<0.000200	mg/L	1	0.000200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0472	mg/L	1	0.0800	59	37.4 - 123
2-Fluorobiphenyl		0.0486	mg/L	1	0.0800	61	34.3 - 130
Terphenyl-d14		0.0644	mg/L	1	0.0800	80	10 - 252

Sample: 171441 - MW-24

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	51910	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44517	Sample Preparation:	2008-08-29	Prepared By:	DC

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.486	mg/L	5	0.500	97	77.8 - 121.1
4-Bromofluorobenzene (4-BFB)		0.450	mg/L	5	0.500	90	40.1 - 136

Sample: 171441 - MW-24

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	51870	Date Analyzed:	2008-08-27	Analyzed By:	DS
Prep Batch:	44482	Sample Preparation:	2008-08-26	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		<0.000200	mg/L	1	0.000200
2-Methylnaphthalene		<0.000200	mg/L	1	0.000200
1-Methylnaphthalene		<0.000200	mg/L	1	0.000200
Acenaphthylene		<0.000200	mg/L	1	0.000200
Acenaphthene		<0.000200	mg/L	1	0.000200
Dibenzofuran		<0.000200	mg/L	1	0.000200
Fluorene		<0.000200	mg/L	1	0.000200
Anthracene		<0.000200	mg/L	1	0.000200
Phenanthrene		<0.000200	mg/L	1	0.000200
Fluoranthene		<0.000200	mg/L	1	0.000200
Pyrene		<0.000200	mg/L	1	0.000200
Benzo(a)anthracene		<0.000200	mg/L	1	0.000200
Chrysene		<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(a)pyrene		<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene		<0.000200	mg/L	1	0.000200

continued ...

sample 171441 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Benzo(g,h,i)perylene		<0.000200	mg/L	1	0.000200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0531	mg/L	1	0.0800	66	37.4 - 123
2-Fluorobiphenyl		0.0526	mg/L	1	0.0800	66	34.3 - 130
Terphenyl-d14		0.0650	mg/L	1	0.0800	81	10 - 252

Method Blank (1) QC Batch: 51780

QC Batch: 51780 | Date Analyzed: 2008-08-25 | Analyzed By: LD
Prep Batch: 44353 | QC Preparation: 2008-08-25 | Prepared By: LD

Parameter	Flag	MDL Result	Units	RL
DRO		<2.44	mg/L	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		12.0	mg/L	1	10.0	120	70 - 130

Method Blank (1) QC Batch: 51870

QC Batch: 51870 | Date Analyzed: 2008-08-27 | Analyzed By: DS
Prep Batch: 44482 | QC Preparation: 2008-08-26 | Prepared By: DS

Parameter	Flag	MDL Result	Units	RL
Naphthalene		<0.0000730	mg/L	0.0002
2-Methylnaphthalene		<0.0000509	mg/L	0.0002
1-Methylnaphthalene		<0.0000748	mg/L	0.0002
Acenaphthylene		<0.0000767	mg/L	0.0002
Acenaphthene		<0.000142	mg/L	0.0002
Dibenzofuran		<0.0000470	mg/L	0.0002
Fluorene		<0.0000569	mg/L	0.0002
Anthracene		<0.0000876	mg/L	0.0002
Phenanthrene		<0.0000552	mg/L	0.0002
Fluoranthene		<0.0000954	mg/L	0.0002
Pyrene		<0.0000497	mg/L	0.0002
Benzo(a)anthracene		<0.0000328	mg/L	0.0002

continued ...

method blank continued ...

Parameter	Flag	MDL Result	Units	RL
Chrysene		<0.0000990	mg/L	0.0002
Benzo(b)fluoranthene		<0.0000684	mg/L	0.0002
Benzo(k)fluoranthene		<0.0000830	mg/L	0.0002
Benzo(a)pyrene		<0.0000549	mg/L	0.0002
Indeno(1,2,3-cd)pyrene		<0.0000869	mg/L	0.0002
Dibenzo(a,h)anthracene		<0.0000605	mg/L	0.0002
Benzo(g,h,i)perylene		<0.0000681	mg/L	0.0002

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0323	mg/L	1	0.0800	40	10 - 146
2-Fluorobiphenyl		0.0307	mg/L	1	0.0800	38	10 - 141
Terphenyl-d14		0.0658	mg/L	1	0.0800	82	10 - 266

Method Blank (1) QC Batch: 51910

QC Batch: 51910 | Date Analyzed: 2008-08-29 | Analyzed By: DC
Prep Batch: 44517 | QC Preparation: 2008-08-29 | Prepared By: DC

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000300	mg/L	0.001
Toluene		<0.000200	mg/L	0.001
Ethylbenzene		<0.000500	mg/L	0.001
Xylene		<0.000400	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0964	mg/L	1	0.100	96	77.2 - 129.1
4-Bromofluorobenzene (4-BFB)		0.0947	mg/L	1	0.100	95	69.1 - 122.3

Method Blank (1) QC Batch: 51932

QC Batch: 51932 | Date Analyzed: 2008-08-29 | Analyzed By: DC
Prep Batch: 44472 | QC Preparation: 2008-08-28 | Prepared By: DC

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000500	mg/L	0.001
Toluene		<0.000700	mg/L	0.001
Ethylbenzene		<0.000700	mg/L	0.001

continued ...

method blank continued ...

Parameter	Flag	MDL Result	Units	RL
Xylene		<0.00180	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.106	mg/L	1	0.100	106	44.6 - 137.4
4-Bromofluorobenzene (4-BFB)		0.104	mg/L	1	0.100	104	37.1 - 130.9

Method Blank (1) QC Batch: 51933

QC Batch: 51933 Date Analyzed: 2008-08-29 Analyzed By: DC
Prep Batch: 44472 QC Preparation: 2008-08-28 Prepared By: DC

Parameter	Flag	MDL Result	Units	RL
GRO		0.0967	mg/L	0.1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0964	mg/L	1	0.100	96	70 - 130
4-Bromofluorobenzene (4-BFB)		0.0889	mg/L	1	0.100	89	50 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 51780 Date Analyzed: 2008-08-25 Analyzed By: LD
Prep Batch: 44353 QC Preparation: 2008-08-25 Prepared By: LD

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	27.0	mg/L	1	25.0	<2.44	108	70 - 130

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

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	28.5	mg/L	1	25.0	<2.44	114	70 - 130	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
n-Triacontane	11.1	11.4	mg/L	1	10.0	111	114	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 51870 | Date Analyzed: 2008-08-27 | Analyzed By: DS
Prep Batch: 44482 | QC Preparation: 2008-08-26 | Prepared By: DS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Naphthalene	0.0386	mg/L	1	0.0800	<0.0000730	48	10 - 141
2-Methylnaphthalene	0.0418	mg/L	1	0.0800	<0.0000509	52	50 - 150
1-Methylnaphthalene	0.0417	mg/L	1	0.0800	<0.0000748	52	50 - 150
Acenaphthylene	0.0502	mg/L	1	0.0800	<0.0000767	63	10 - 152
Acenaphthene	0.0478	mg/L	1	0.0800	<0.000142	60	10 - 151
Dibenzofuran	0.0492	mg/L	1	0.0800	<0.0000470	62	10 - 148
Fluorene	0.0528	mg/L	1	0.0800	<0.0000569	66	10 - 172
Anthracene	0.0578	mg/L	1	0.0800	<0.0000876	72	22.5 - 172
Phenanthrene	0.0559	mg/L	1	0.0800	<0.0000552	70	19.6 - 172
Fluoranthene	0.0625	mg/L	1	0.0800	<0.0000954	78	17.3 - 187
Pyrene	0.0621	mg/L	1	0.0800	<0.0000497	78	14.9 - 199
Benzo(a)anthracene	0.0596	mg/L	1	0.0800	<0.0000328	74	19.4 - 185
Chrysene	0.0626	mg/L	1	0.0800	<0.0000990	78	18.4 - 188
Benzo(b)fluoranthene	0.0687	mg/L	1	0.0800	<0.0000684	86	10 - 193
Benzo(k)fluoranthene	0.0821	mg/L	1	0.0800	<0.0000830	103	27.8 - 196
Benzo(a)pyrene	0.0777	mg/L	1	0.0800	<0.0000549	97	12.4 - 205
Indeno(1,2,3-cd)pyrene	0.0842	mg/L	1	0.0800	<0.0000869	105	10 - 198
Dibenzo(a,h)anthracene	0.0808	mg/L	1	0.0800	<0.0000605	101	10 - 172
Benzo(g,h,i)perylene	0.0807	mg/L	1	0.0800	<0.0000681	101	10 - 186

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

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Naphthalene	0.0393	mg/L	1	0.0800	<0.0000730	49	10 - 141	2	20
2-Methylnaphthalene	0.0419	mg/L	1	0.0800	<0.0000509	52	50 - 150	0	20
1-Methylnaphthalene	0.0430	mg/L	1	0.0800	<0.0000748	54	50 - 150	3	20
Acenaphthylene	0.0510	mg/L	1	0.0800	<0.0000767	64	10 - 152	2	20
Acenaphthene	0.0484	mg/L	1	0.0800	<0.000142	60	10 - 151	1	20
Dibenzofuran	0.0502	mg/L	1	0.0800	<0.0000470	63	10 - 148	2	20
Fluorene	0.0547	mg/L	1	0.0800	<0.0000569	68	10 - 172	4	20
Anthracene	0.0589	mg/L	1	0.0800	<0.0000876	74	22.5 - 172	2	20
Phenanthrene	0.0568	mg/L	1	0.0800	<0.0000552	71	19.6 - 172	2	20
Fluoranthene	0.0621	mg/L	1	0.0800	<0.0000954	78	17.3 - 187	1	20
Pyrene	0.0629	mg/L	1	0.0800	<0.0000497	79	14.9 - 199	1	20
Benzo(a)anthracene	0.0600	mg/L	1	0.0800	<0.0000328	75	19.4 - 185	1	20
Chrysene	0.0627	mg/L	1	0.0800	<0.0000990	78	18.4 - 188	0	20
Benzo(b)fluoranthene	0.0663	mg/L	1	0.0800	<0.0000684	83	10 - 193	4	20
Benzo(k)fluoranthene	0.0798	mg/L	1	0.0800	<0.0000830	100	27.8 - 196	3	20
Benzo(a)pyrene	0.0755	mg/L	1	0.0800	<0.0000549	94	12.4 - 205	3	20

continued ...

control spikes continued ...

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Indeno(1,2,3-cd)pyrene	0.0829	mg/L	1	0.0800	<0.0000869	104	10 - 198	2	20
Dibenzo(a,h)anthracene	0.0783	mg/L	1	0.0800	<0.0000605	98	10 - 172	3	20
Benzo(g,h,i)perylene	0.0792	mg/L	1	0.0800	<0.0000681	99	10 - 186	2	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Nitrobenzene-d5	0.0431	0.0439	mg/L	1	0.0800	54	55	10 - 165
2-Fluorobiphenyl	0.0445	0.0448	mg/L	1	0.0800	56	56	10 - 157
Terphenyl-d14	0.0650	0.0655	mg/L	1	0.0800	81	82	10 - 220

Laboratory Control Spike (LCS-1)

QC Batch: 51910 | Date Analyzed: 2008-08-29 | Analyzed By: DC
Prep Batch: 44517 | QC Preparation: 2008-08-29 | Prepared By: DC

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.0941	mg/L	1	0.100	<0.00110	94	84 - 119.7
Toluene	0.0927	mg/L	1	0.100	<0.00100	93	84.9 - 118.2
Ethylbenzene	0.0931	mg/L	1	0.100	<0.00100	93	84.4 - 118.6
Xylene	0.269	mg/L	1	0.300	<0.00290	90	84.8 - 117.8

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

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.101	mg/L	1	0.100	<0.00110	101	84 - 119.7	7	20
Toluene	0.0996	mg/L	1	0.100	<0.00100	100	84.9 - 118.2	7	20
Ethylbenzene	0.0994	mg/L	1	0.100	<0.00100	99	84.4 - 118.6	6	20
Xylene	0.287	mg/L	1	0.300	<0.00290	96	84.8 - 117.8	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)	0.0964	0.0966	mg/L	1	0.100	96	97	80 - 128.3
4-Bromofluorobenzene (4-BFB)	0.0971	0.0967	mg/L	1	0.100	97	97	67.7 - 126.3

Laboratory Control Spike (LCS-1)

QC Batch: 51932 | Date Analyzed: 2008-08-29 | Analyzed By: DC
Prep Batch: 44472 | QC Preparation: 2008-08-28 | Prepared By: DC

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.108	mg/L	1	0.100	<0.000500	108	71.7 - 120.5
Toluene	0.107	mg/L	1	0.100	<0.000700	107	75.4 - 118.8
Ethylbenzene	0.106	mg/L	1	0.100	<0.000700	106	73.5 - 118
Xylene	0.319	mg/L	1	0.300	<0.00180	106	72.9 - 118.2

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

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.111	mg/L	1	0.100	<0.000500	111	71.7 - 120.5	3	20
Toluene	0.109	mg/L	1	0.100	<0.000700	109	75.4 - 118.8	2	20
Ethylbenzene	0.109	mg/L	1	0.100	<0.000700	109	73.5 - 118	3	20
Xylene	0.325	mg/L	1	0.300	<0.00180	108	72.9 - 118.2	2	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.107	0.108	mg/L	1	0.100	107	108	38.2 - 131.6
4-Bromofluorobenzene (4-BFB)	0.108	0.108	mg/L	1	0.100	108	108	43.9 - 132.4

Laboratory Control Spike (LCS-1)

QC Batch: 51933 | Date Analyzed: 2008-08-29 | Analyzed By: DC
Prep Batch: 44472 | QC Preparation: 2008-08-28 | Prepared By: DC

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	0.905	mg/L	1	1.00	0.0967	81	70 - 130

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

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	0.878	mg/L	1	1.00	0.0967	78	70 - 130	3	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)	0.0980	0.0995	mg/L	1	0.100	98	100	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0920	0.0940	mg/L	1	0.100	92	94	70 - 130

Matrix Spike (MS-1) Spiked Sample: 171429

QC Batch: 51780 | Date Analyzed: 2008-08-25 | Analyzed By: LD
Prep Batch: 44353 | QC Preparation: 2008-08-25 | Prepared By: LD

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	26.4	mg/L	1	25.0	5.78	82	70 - 130

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
DRO	26.0	mg/L	1	25.0	5.78	81	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
n-Triacontane	12.8	12.6	mg/L	1	10	128	126	70 - 130

Matrix Spike (MS-1) Spiked Sample: 171441

QC Batch: 51910 | Date Analyzed: 2008-08-29 | Analyzed By: DC
Prep Batch: 44517 | QC Preparation: 2008-08-29 | Prepared By: DC

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.472	mg/L	5	0.500	<0.00550	94	77.5 - 121.1
Toluene	0.467	mg/L	5	0.500	<0.00500	93	78.8 - 119.6
Ethylbenzene	0.472	mg/L	5	0.500	<0.00500	94	77.9 - 120.5
Xylene	1.36	mg/L	5	1.50	<0.0145	91	78.3 - 119.4

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	0.485	mg/L	5	0.500	<0.00550	97	77.5 - 121.1	3	20
Toluene	0.481	mg/L	5	0.500	<0.00500	96	78.8 - 119.6	3	20
Ethylbenzene	0.488	mg/L	5	0.500	<0.00500	98	77.9 - 120.5	3	20
Xylene	1.41	mg/L	5	1.50	<0.0145	94	78.3 - 119.4	4	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)	0.482	0.486	mg/L	5	0.5	96	97	86.6 - 118.9
4-Bromofluorobenzene (4-BFB)	0.463	0.464	mg/L	5	0.5	93	93	59.4 - 127.3

Matrix Spike (MS-1) Spiked Sample: 171429

QC Batch: 51932 | Date Analyzed: 2008-08-29 | Analyzed By: DC
Prep Batch: 44472 | QC Preparation: 2008-08-28 | Prepared By: DC

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	29.6	mg/L	100	10.0	19.6327	100	10 - 160.8
Toluene	21.3	mg/L	100	10.0	10.9029	104	10 - 160.7
Ethylbenzene	13.0	mg/L	100	10.0	2.1561	108	10 - 158.3
Xylene	35.3	mg/L	100	30.0	3.0877	107	10 - 158

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	31.7	mg/L	100	10.0	19.6327	121	10 - 160.8	7	20
Toluene	22.8	mg/L	100	10.0	10.9029	119	10 - 160.7	7	20
Ethylbenzene	14.0	mg/L	100	10.0	2.1561	118	10 - 158.3	7	20
Xylene	38.4	mg/L	100	30.0	3.0877	118	10 - 158	8	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)	10.6	11.0	mg/L	100	10	106	110	33.1 - 132.5
4-Bromofluorobenzene (4-BFB)	10.9	11.3	mg/L	100	10	109	113	37.5 - 136

Matrix Spike (MS-1) Spiked Sample: 171430

QC Batch: 51933 | Date Analyzed: 2008-08-29 | Analyzed By: DC
Prep Batch: 44472 | QC Preparation: 2008-08-28 | Prepared By: DC

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	242	mg/L	100	100	140.247	102	70 - 130

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
GRO	241	mg/L	100	100	140.247	101	70 - 130	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)	10.1	10.1	mg/L	100	10	101	101	70 - 130
4-Bromofluorobenzene (4-BFB)	10.0	9.80	mg/L	100	10	100	98	70 - 130

Standard (ICV-1)

QC Batch: 51780 | Date Analyzed: 2008-08-25 | Analyzed By: LD

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/L	250	236	94	85 - 115	2008-08-25

Standard (CCV-1)

QC Batch: 51780 Date Analyzed: 2008-08-25 Analyzed By: LD

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/L	250	284	114	85 - 115	2008-08-25

Standard (CCV-2)

QC Batch: 51870 Date Analyzed: 2008-08-27 Analyzed By: DS

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Naphthalene		mg/L	60.0	55.4	92	80 - 120	2008-08-27
2-Methylnaphthalene		mg/L	60.0	55.3	92	80 - 120	2008-08-27
1-Methylnaphthalene		mg/L	60.0	55.8	93	80 - 120	2008-08-27
Acenaphthylene		mg/L	60.0	58.9	98	80 - 120	2008-08-27
Acenaphthene		mg/L	60.0	57.7	96	80 - 120	2008-08-27
Dibenzofuran		mg/L	60.0	62.0	103	80 - 120	2008-08-27
Fluorene		mg/L	60.0	66.8	111	80 - 120	2008-08-27
Anthracene		mg/L	60.0	58.3	97	80 - 120	2008-08-27
Phenanthrene		mg/L	60.0	56.7	94	80 - 120	2008-08-27
Fluoranthene		mg/L	60.0	55.7	93	80 - 120	2008-08-27
Pyrene		mg/L	60.0	59.3	99	80 - 120	2008-08-27
Benzo(a)anthracene		mg/L	60.0	55.6	93	80 - 120	2008-08-27
Chrysene		mg/L	60.0	57.7	96	80 - 120	2008-08-27
Benzo(b)fluoranthene		mg/L	60.0	56.2	94	80 - 120	2008-08-27
Benzo(k)fluoranthene		mg/L	60.0	61.0	102	80 - 120	2008-08-27
Benzo(a)pyrene		mg/L	60.0	60.5	101	80 - 120	2008-08-27
Indeno(1,2,3-cd)pyrene		mg/L	60.0	67.5	112	80 - 120	2008-08-27
Dibenzo(a,h)anthracene		mg/L	60.0	67.6	113	80 - 120	2008-08-27
Benzo(g,h,i)perylene		mg/L	60.0	67.2	112	80 - 120	2008-08-27

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limit
Nitrobenzene-d5		56.9	mg/L	1	60.0	95	80 - 120
2-Fluorobiphenyl		54.6	mg/L	1	60.0	91	80 - 120
Terphenyl-d14		58.9	mg/L	1	60.0	98	80 - 120

Standard (ICV-1)

QC Batch: 51910 Date Analyzed: 2008-08-29 Analyzed By: DC

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.102	102	85 - 115	2008-08-29
Toluene		mg/L	0.100	0.101	101	85 - 115	2008-08-29
Ethylbenzene		mg/L	0.100	0.103	103	85 - 115	2008-08-29
Xylene		mg/L	0.300	0.299	100	85 - 115	2008-08-29

Standard (CCV-1)

QC Batch: 51910 Date Analyzed: 2008-08-29 Analyzed By: DC

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0960	96	85 - 115	2008-08-29
Toluene		mg/L	0.100	0.0950	95	85 - 115	2008-08-29
Ethylbenzene		mg/L	0.100	0.0961	96	85 - 115	2008-08-29
Xylene		mg/L	0.300	0.277	92	85 - 115	2008-08-29

Standard (ICV-1)

QC Batch: 51932 Date Analyzed: 2008-08-29 Analyzed By: DC

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.114	114	85 - 115	2008-08-29
Toluene		mg/L	0.100	0.112	112	85 - 115	2008-08-29
Ethylbenzene		mg/L	0.100	0.110	110	85 - 115	2008-08-29
Xylene		mg/L	0.300	0.329	110	85 - 115	2008-08-29

Standard (CCV-1)

QC Batch: 51932 Date Analyzed: 2008-08-29 Analyzed By: DC

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.111	111	85 - 115	2008-08-29
Toluene		mg/L	0.100	0.109	109	85 - 115	2008-08-29
Ethylbenzene		mg/L	0.100	0.107	107	85 - 115	2008-08-29

continued ...

standard continued ...

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Xylene		mg/L	0.300	0.321	107	85 - 115	2008-08-29

Standard (ICV-1)

QC Batch: 51933 Date Analyzed: 2008-08-29 Analyzed By: DC

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	0.998	100	85 - 115	2008-08-29

Standard (CCV-1)

QC Batch: 51933 Date Analyzed: 2008-08-29 Analyzed By: DC

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	1.06	106	85 - 115	2008-08-29

LAB Order ID # 8082208

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9, Lubbock, Texas 79424, Tel (806) 794-1296, Fax (806) 794-1298, 1 (800) 378-1296

5002 Basin Street, Suite A1, Midland, Texas 79703, Tel (432) 689-6301, Fax (432) 689-6313

200 East Sunset Rd., Suite E, El Paso, Texas 79922, Tel (915) 585-3443, Fax (915) 585-4944, 1 (888) 588-3443

8808 Camp Bowie Blvd. West, Suite 180, Ft. Worth, Texas 76116, Tel (817) 201-5260, Fax (817) 560-4336

Company Name: Talon/LPE
Phone #: 432-522-2133
Address: (Street, City, Zip) 2901 Rankin Hwy.
Fax #:
Contact Person: Shana Smith
E-mail: s.smith@talonlpe.com
Invoice to: (If different from above) Camille Reynolds
SKS# 2003-08017
Project #: PLAINS847SPL
Project Name: Hobbs Junction Mainline
Project Location (including state): Hobbs, N.M.
Sampler Signature: Lance Reynolds, Camilo Chavez, Carl Vessels

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	WATER	SOIL	AIR	SLUDGE	HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	DATE	TIME	MTBE 8021B / 602 / 8260B / 624	(BTEX 8021B) / 602 / 8260B / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	(TPH 8015) GRO / DRO / TVHC	(PAH) 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content	Turn Around Time if different from standard	Hold
171429	MW-3	7	VOA 1L	x				x				x		8/21/08	1045		x		x	x														
430	MW-4	7	↓	x				x				x		8/21/08	0957		x		x	x														
431	MW-6	7	↓	x				x				x		↓	1225		x		x	x														
432	MW-10	4	↓	x				x				x		↓	1407		x			x														
433	MW-12	7	↓	x				x				x		↓	1529		x		X	x														
434	MW-16	4	↓	x				x				x		↓	1515		x			x														
435	MW-18	4	↓	x				x				x		↓	1519		x			x														
436	MW-19	4	↓	x				x				x		↓	1423		x			x														
437	MW-20	4	↓	x				x				x		↓	1509		x			x														
438	MW-21	4	↓	x				x				x		↓	1450		x			x														
439	MW-22	4	↓	x				x				x		↓	1430		x			x														

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°c:
Carl V.	Talon/LPE	8/21/08		Scott Aune	Talon/LPE	8/22/08	8:15	
Scott Aune	Talon/LPE	8/22/08	8:35	[signature]	Trace	8/22/08	8:35	2.6°c

LAB USE ONLY
Intact (Y) N
Headspace Y (N) NA
2.6°
Log-in Review

REMARKS:
BTEX, 8015 - Midland
PAH - Lubbock

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

Carrier # carry w/ Lone Star

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

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LAB Order ID # 80822208 Page 2 of 2

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9, Lubbock, Texas 79424, Tel (806) 794-1296, Fax (806) 794-1298, 1 (800) 378-1296
5002 Basin Street, Suite A1, Midland, Texas 79703, Tel (432) 689-6301, Fax (432) 689-6313
200 East Sunset Rd., Suite E, El Paso, Texas 79922, Tel (915) 585-3443, Fax (915) 585-4944, 1 (888) 588-3443
8808 Camp Bowie Blvd. West, Suite 180, Ft. Worth, Texas 76116, Tel (817) 201-5260, Fax (817) 560-4336

Company Name: Talon/LPE
Phone #: 432-522-2133
Address: (Street, City, Zip) 2901 Rankin Hwy.
Fax #:
Contact Person: Sharma Smith
E-mail: ssmith@talonlpe.com
Invoice to: (If different from above) Camille Reynolds
SRS# 2003-00017
Project #: PLAINS047SPL
Project Name: Hobbs Junction Mainline
Project Location (including state): Hobbs, N.M.
Sampler Signature: Lance Reynolds, Camilo Chavez, Carl Vessels

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
171440	MW-23	4	VOA 1oz.	X				X				X		8/21/08	1444
441	MW-24	4	VOA 1oz.	X				X				X		8/21/08	1500

LAB # (LAB USE ONLY)	MTBE 8021B / 602 / 8260B / 624	BTEX 8021B / 602 / 8260B / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content	Turn Around Time if different from standard	Hold
171440		X			X														
441		X			X														

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°C:
	Talon/LPE	8/21/08			TALON/LPE	8/22/08	8:15	
	TALON/LPE	8/22/08	8:35		TRACE	8/22/08	8:35	2.6°C

LAB USE ONLY
Intact (Y) N
Headspace Y (N) NA
Log-In-Review

REMARKS:
BTEX, 8015 - Midland
PAH - Lubbock

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

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

Carrier # coming in / Lone Star

ORIGINAL COPY

TRACEANALYSIS, INC.

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

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

Shanna Smith
Talon LPE-Amarillo
921 North Bivins
Amarillo, TX, 79107

Report Date: September 2, 2008

Work Order: 8082238

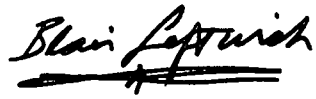
Project Location: Hobbs, NM
Project Name: Hobbs Junction Mainline
Project Number: Plains047SPL
SRS#: SRS#2003-00017

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
171612	MW-15	water	2008-08-22	11:19	2008-08-22
171613	MW-11	water	2008-08-22	12:04	2008-08-22
171614	MW-5	water	2008-08-22	12:56	2008-08-22
171615	MW-1	water	2008-08-22	13:38	2008-08-22

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.

TraceAnalysis, Inc.



Dr. Blair Leftwich, Director

Standard Flags

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

Case Narrative

Samples for project Hobbs Junction Mainline were received by TraceAnalysis, Inc. on 2008-08-22 and assigned to work order 8082238. Samples for work order 8082238 were received intact without headspace and at a temperature of 4.0 deg. C.

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

Test	Method
BTEX	S 8021B
PAH	S 8270C
TPH DRO	Mod. 8015B
TPH GRO	S 8015B

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 8082238 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.

Analytical Report

Sample: 171612 - MW-15

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	51940	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44537	Sample Preparation:	2008-08-29	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**5.04**	mg/L	20	0.00100
Toluene		**2.71**	mg/L	20	0.00100
Ethylbenzene		**0.593**	mg/L	20	0.00100
Xylene		**0.644**	mg/L	20	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.88	mg/L	20	2.00	94	77.8 - 121.1
4-Bromofluorobenzene (4-BFB)		1.64	mg/L	20	2.00	82	40.1 - 136

Sample: 171612 - MW-15

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	51891	Date Analyzed:	2008-08-28	Analyzed By:	DS
Prep Batch:	44499	Sample Preparation:	2008-08-28	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		**0.0239**	mg/L	1	0.000200
2-Methylnaphthalene		**0.0202**	mg/L	1	0.000200
1-Methylnaphthalene		**0.0208**	mg/L	1	0.000200
Acenaphthylene		<0.000200	mg/L	1	0.000200
Acenaphthene		<0.000200	mg/L	1	0.000200
Dibenzofuran		**0.00201**	mg/L	1	0.000200
Fluorene		**0.00167**	mg/L	1	0.000200
Anthracene		<0.000200	mg/L	1	0.000200
Phenanthrene		**0.00167**	mg/L	1	0.000200
Fluoranthene		<0.000200	mg/L	1	0.000200
Pyrene		<0.000200	mg/L	1	0.000200
Benzo(a)anthracene		<0.000200	mg/L	1	0.000200
Chrysene		<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(a)pyrene		<0.000200	mg/L	1	0.000200

continued ...

sample 171612 continued ...

Parameter	Flag	Result	RL Result	Units	Dilution	RL
Indeno(1,2,3-cd)pyrene		<0.000200		mg/L	1	0.000200
Dibenzo(a,h)anthracene		<0.000200		mg/L	1	0.000200
Benzo(g,h,i)perylene		<0.000200		mg/L	1	0.000200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0470	mg/L	1	0.0800	59	37.4 - 123
2-Fluorobiphenyl		0.0514	mg/L	1	0.0800	64	34.3 - 130
Terphenyl-d14		0.0589	mg/L	1	0.0800	74	10 - 252

Sample: 171612 - MW-15

Laboratory:	Midland				
Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	51780	Date Analyzed:	2008-08-25	Analyzed By:	LD
Prep Batch:	44353	Sample Preparation:	2008-08-25	Prepared By:	LD

Parameter	Flag	Result	RL Result	Units	Dilution	RL
DRO		**6.01**		mg/L	1	5.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane	[1]	14.2	mg/L	1	10.0	142	70 - 130

Sample: 171612 - MW-15

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5030B
QC Batch:	51945	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44537	Sample Preparation:	2008-08-29	Prepared By:	DC

Parameter	Flag	Result	RL Result	Units	Dilution	RL
GRO		**12.7**		mg/L	20	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.86	mg/L	20	2.00	93	70 - 130
4-Bromofluorobenzene (4-BFB)		1.64	mg/L	20	2.00	82	70 - 130

[1]High surrogate recovery. Sample non-detect, result bias high.

Sample: 171613 - MW-11

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	51940	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44537	Sample Preparation:	2008-08-29	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**24.7**	mg/L	100	0.00100
Toluene		**2.86**	mg/L	100	0.00100
Ethylbenzene		**1.68**	mg/L	100	0.00100
Xylene		**1.13**	mg/L	100	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		10.4	mg/L	100	10.0	104	77.8 - 121.1
4-Bromofluorobenzene (4-BFB)		10.8	mg/L	100	10.0	108	40.1 - 136

Sample: 171613 - MW-11

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	51891	Date Analyzed:	2008-08-28	Analyzed By:	DS
Prep Batch:	44499	Sample Preparation:	2008-08-28	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		**0.0416**	mg/L	1	0.000200
2-Methylnaphthalene		**0.0246**	mg/L	1	0.000200
1-Methylnaphthalene		**0.0310**	mg/L	1	0.000200
Acenaphthylene		<0.000200	mg/L	1	0.000200
Acenaphthene		<0.000200	mg/L	1	0.000200
Dibenzofuran		**0.00250**	mg/L	1	0.000200
Fluorene		**0.00172**	mg/L	1	0.000200
Anthracene		<0.000200	mg/L	1	0.000200
Phenanthrene		**0.00132**	mg/L	1	0.000200
Fluoranthene		<0.000200	mg/L	1	0.000200
Pyrene		<0.000200	mg/L	1	0.000200
Benzo(a)anthracene		<0.000200	mg/L	1	0.000200
Chrysene		<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(a)pyrene		<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene		<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene		<0.000200	mg/L	1	0.000200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0490	mg/L	1	0.0800	61	37.4 - 123
2-Fluorobiphenyl		0.0543	mg/L	1	0.0800	68	34.3 - 130
Terphenyl-d14		0.0568	mg/L	1	0.0800	71	10 - 252

Sample: 171613 - MW-11

Laboratory:	Midland				
Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	51780	Date Analyzed:	2008-08-25	Analyzed By:	LD
Prep Batch:	44353	Sample Preparation:	2008-08-25	Prepared By:	LD

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<5.00	mg/L	1	5.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		12.2	mg/L	1	10.0	122	70 - 130

Sample: 171613 - MW-11

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5030B
QC Batch:	51945	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44537	Sample Preparation:	2008-08-29	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**16.4**	mg/L	20	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.94	mg/L	20	2.00	97	70 - 130
4-Bromofluorobenzene (4-BFB)		1.76	mg/L	20	2.00	88	70 - 130

Sample: 171614 - MW-5

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	51940	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44537	Sample Preparation:	2008-08-29	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**12.0**	mg/L	50	0.00100
Toluene		**10.8**	mg/L	50	0.00100
Ethylbenzene		**1.78**	mg/L	50	0.00100
Xylene		**6.02**	mg/L	50	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4.74	mg/L	50	5.00	95	77.8 - 121.1
4-Bromofluorobenzene (4-BFB)		4.52	mg/L	50	5.00	90	40.1 - 136

Sample: 171614 - MW-5

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	51891	Date Analyzed:	2008-08-28	Analyzed By:	DS
Prep Batch:	44499	Sample Preparation:	2008-08-28	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		**0.0262**	mg/L	1	0.000200
2-Methylnaphthalene		**0.0263**	mg/L	1	0.000200
1-Methylnaphthalene		**0.0272**	mg/L	1	0.000200
Acenaphthylene		<0.000200	mg/L	1	0.000200
Acenaphthene		<0.000200	mg/L	1	0.000200
Dibenzofuran		**0.00244**	mg/L	1	0.000200
Fluorene		**0.00206**	mg/L	1	0.000200
Anthracene		<0.000200	mg/L	1	0.000200
Phenanthrene		**0.00190**	mg/L	1	0.000200
Fluoranthene		<0.000200	mg/L	1	0.000200
Pyrene		<0.000200	mg/L	1	0.000200
Benzo(a)anthracene		<0.000200	mg/L	1	0.000200
Chrysene		<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(a)pyrene		<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene		<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene		<0.000200	mg/L	1	0.000200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0489	mg/L	1	0.0800	61	37.4 - 123
2-Fluorobiphenyl		0.0534	mg/L	1	0.0800	67	34.3 - 130
Terphenyl-d14		0.0591	mg/L	1	0.0800	74	10 - 252

Sample: 171614 - MW-5

Laboratory:	Midland				
Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	51780	Date Analyzed:	2008-08-25	Analyzed By:	LD
Prep Batch:	44353	Sample Preparation:	2008-08-25	Prepared By:	LD

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<5.00	mg/L	1	5.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		10.9	mg/L	1	10.0	109	70 - 130

Sample: 171614 - MW-5

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5030B
QC Batch:	51945	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44537	Sample Preparation:	2008-08-29	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**60.9**	mg/L	50	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4.62	mg/L	50	5.00	92	70 - 130
4-Bromofluorobenzene (4-BFB)		4.50	mg/L	50	5.00	90	70 - 130

Sample: 171615 - MW-1

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	51940	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44537	Sample Preparation:	2008-08-29	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**14.7**	mg/L	50	0.00100
Toluene		**7.36**	mg/L	50	0.00100
Ethylbenzene		**1.32**	mg/L	50	0.00100
Xylene		**1.65**	mg/L	50	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4.79	mg/L	50	5.00	96	77.8 - 121.1
4-Bromofluorobenzene (4-BFB)		4.77	mg/L	50	5.00	95	40.1 - 136

Sample: 171615 - MW-1

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	51891	Date Analyzed:	2008-08-28	Analyzed By:	DS
Prep Batch:	44499	Sample Preparation:	2008-08-28	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		**0.0445**	mg/L	1	0.000200
2-Methylnaphthalene		**0.0386**	mg/L	1	0.000200
1-Methylnaphthalene		**0.0400**	mg/L	1	0.000200
Acenaphthylene		<0.000200	mg/L	1	0.000200
Acenaphthene		<0.000200	mg/L	1	0.000200
Dibenzofuran		**0.00340**	mg/L	1	0.000200
Fluorene		**0.00272**	mg/L	1	0.000200
Anthracene		<0.000200	mg/L	1	0.000200
Phenanthrene		**0.00249**	mg/L	1	0.000200
Fluoranthene		<0.000200	mg/L	1	0.000200
Pyrene		<0.000200	mg/L	1	0.000200
Benzo(a)anthracene		<0.000200	mg/L	1	0.000200
Chrysene		<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene		<0.000200	mg/L	1	0.000200
Benzo(a)pyrene		<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene		<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene		<0.000200	mg/L	1	0.000200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0450	mg/L	1	0.0800	56	37.4 - 123
2-Fluorobiphenyl		0.0486	mg/L	1	0.0800	61	34.3 - 130
Terphenyl-d14		0.0586	mg/L	1	0.0800	73	10 - 252

Sample: 171615 - MW-1

Laboratory:	Midland				
Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	51780	Date Analyzed:	2008-08-25	Analyzed By:	LD
Prep Batch:	44353	Sample Preparation:	2008-08-25	Prepared By:	LD

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<5.00	mg/L	1	5.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane	[2]	13.7	mg/L	1	10.0	137	70 - 130

Sample: 171615 - MW-1

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5030B
QC Batch:	51945	Date Analyzed:	2008-08-29	Analyzed By:	DC
Prep Batch:	44537	Sample Preparation:	2008-08-29	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**32.2**	mg/L	50	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4.62	mg/L	50	5.00	92	70 - 130
4-Bromofluorobenzene (4-BFB)		4.71	mg/L	50	5.00	94	70 - 130

Method Blank (1) QC Batch: 51780

QC Batch:	51780	Date Analyzed:	2008-08-25	Analyzed By:	LD
Prep Batch:	44353	QC Preparation:	2008-08-25	Prepared By:	LD

Parameter	Flag	MDL Result	Units	RL
DRO		<2.44	mg/L	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		12.0	mg/L	1	10.0	120	70 - 130

[2]High surrogate recovery. Sample non-detect, result bias high.

Method Blank (1) QC Batch: 51891

QC Batch: 51891 | Date Analyzed: 2008-08-28 | Analyzed By: DS
Prep Batch: 44499 | QC Preparation: 2008-08-28 | Prepared By: DS

Parameter	Flag	MDL Result	Units	RL
Naphthalene		0.000170	mg/L	0.0002
2-Methylnaphthalene		<0.0000509	mg/L	0.0002
1-Methylnaphthalene		<0.0000748	mg/L	0.0002
Acenaphthylene		<0.0000767	mg/L	0.0002
Acenaphthene		<0.000142	mg/L	0.0002
Dibenzofuran		<0.0000470	mg/L	0.0002
Fluorene		<0.0000569	mg/L	0.0002
Anthracene		<0.0000876	mg/L	0.0002
Phenanthrene		<0.0000552	mg/L	0.0002
Fluoranthene		<0.0000954	mg/L	0.0002
Pyrene		<0.0000497	mg/L	0.0002
Benzo(a)anthracene		<0.0000328	mg/L	0.0002
Chrysene		<0.0000990	mg/L	0.0002
Benzo(b)fluoranthene		<0.0000684	mg/L	0.0002
Benzo(k)fluoranthene		<0.0000830	mg/L	0.0002
Benzo(a)pyrene		<0.0000549	mg/L	0.0002
Indeno(1,2,3-cd)pyrene		<0.0000869	mg/L	0.0002
Dibenzo(a,h)anthracene		<0.0000605	mg/L	0.0002
Benzo(g,h,i)perylene		<0.0000681	mg/L	0.0002

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0486	mg/L	1	0.0800	61	10 - 146
2-Fluorobiphenyl		0.0449	mg/L	1	0.0800	56	10 - 141
Terphenyl-d14		0.0653	mg/L	1	0.0800	82	10 - 266

Method Blank (1) QC Batch: 51940

QC Batch: 51940 | Date Analyzed: 2008-08-29 | Analyzed By: DC
Prep Batch: 44537 | QC Preparation: 2008-08-29 | Prepared By: DC

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000300	mg/L	0.001
Toluene		0.000200	mg/L	0.001
Ethylbenzene		<0.000500	mg/L	0.001
Xylene		<0.000400	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0950	mg/L	1	0.100	95	77.2 - 129.1
4-Bromofluorobenzene (4-BFB)		0.0910	mg/L	1	0.100	91	69.1 - 122.3

Method Blank (1) QC Batch: 51945

QC Batch: 51945 Date Analyzed: 2008-08-29 Analyzed By: DC
Prep Batch: 44537 QC Preparation: 2008-08-29 Prepared By: DC

Parameter	Flag	MDL Result	Units	RL
GRO		0.0870	mg/L	0.1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0933	mg/L	1	0.100	93	70 - 130
4-Bromofluorobenzene (4-BFB)		0.0888	mg/L	1	0.100	89	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 51780 Date Analyzed: 2008-08-25 Analyzed By: LD
Prep Batch: 44353 QC Preparation: 2008-08-25 Prepared By: LD

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	27.0	mg/L	1	25.0	<2.44	108	70 - 130

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

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	28.5	mg/L	1	25.0	<2.44	114	70 - 130	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
n-Triacontane	11.1	11.4	mg/L	1	10.0	111	114	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 51891 Date Analyzed: 2008-08-28 Analyzed By: DS
Prep Batch: 44499 QC Preparation: 2008-08-28 Prepared By: DS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Naphthalene	0.0524	mg/L	1	0.0800	0.00017025	65	10 - 141
2-Methylnaphthalene	0.0573	mg/L	1	0.0800	<0.0000509	72	50 - 150
1-Methylnaphthalene	0.0564	mg/L	1	0.0800	<0.0000748	70	50 - 150
Acenaphthylene	0.0656	mg/L	1	0.0800	<0.0000767	82	10 - 152
Acenaphthene	0.0620	mg/L	1	0.0800	<0.000142	78	10 - 151
Dibenzofuran	0.0625	mg/L	1	0.0800	<0.0000470	78	10 - 148
Fluorene	0.0688	mg/L	1	0.0800	<0.0000569	86	10 - 172
Anthracene	0.0661	mg/L	1	0.0800	<0.0000876	83	22.5 - 172
Phenanthrene	0.0664	mg/L	1	0.0800	<0.0000552	83	19.6 - 172
Fluoranthene	0.0717	mg/L	1	0.0800	<0.0000954	90	17.3 - 187
Pyrene	0.0714	mg/L	1	0.0800	<0.0000497	89	14.9 - 199
Benzo(a)anthracene	0.0677	mg/L	1	0.0800	<0.0000328	85	19.4 - 185
Chrysene	0.0705	mg/L	1	0.0800	<0.0000990	88	18.4 - 188
Benzo(b)fluoranthene	0.0658	mg/L	1	0.0800	<0.0000684	82	10 - 193
Benzo(k)fluoranthene	0.0774	mg/L	1	0.0800	<0.0000830	97	27.8 - 196
Benzo(a)pyrene	0.0761	mg/L	1	0.0800	<0.0000549	95	12.4 - 205
Indeno(1,2,3-cd)pyrene	0.0822	mg/L	1	0.0800	<0.0000869	103	10 - 198
Dibenzo(a,h)anthracene	0.0810	mg/L	1	0.0800	<0.0000605	101	10 - 172
Benzo(g,h,i)perylene	0.0813	mg/L	1	0.0800	<0.0000681	102	10 - 186

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

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Naphthalene	0.0542	mg/L	1	0.0800	0.00017025	68	10 - 141	3	20
2-Methylnaphthalene	0.0575	mg/L	1	0.0800	<0.0000509	72	50 - 150	0	20
1-Methylnaphthalene	0.0575	mg/L	1	0.0800	<0.0000748	72	50 - 150	2	20
Acenaphthylene	0.0686	mg/L	1	0.0800	<0.0000767	86	10 - 152	4	20
Acenaphthene	0.0647	mg/L	1	0.0800	<0.000142	81	10 - 151	4	20
Dibenzofuran	0.0650	mg/L	1	0.0800	<0.0000470	81	10 - 148	4	20
Fluorene	0.0727	mg/L	1	0.0800	<0.0000569	91	10 - 172	6	20
Anthracene	0.0684	mg/L	1	0.0800	<0.0000876	86	22.5 - 172	3	20
Phenanthrene	0.0690	mg/L	1	0.0800	<0.0000552	86	19.6 - 172	4	20
Fluoranthene	0.0741	mg/L	1	0.0800	<0.0000954	93	17.3 - 187	3	20
Pyrene	0.0769	mg/L	1	0.0800	<0.0000497	96	14.9 - 199	7	20
Benzo(a)anthracene	0.0705	mg/L	1	0.0800	<0.0000328	88	19.4 - 185	4	20
Chrysene	0.0752	mg/L	1	0.0800	<0.0000990	94	18.4 - 188	6	20
Benzo(b)fluoranthene	0.0677	mg/L	1	0.0800	<0.0000684	85	10 - 193	3	20
Benzo(k)fluoranthene	0.0830	mg/L	1	0.0800	<0.0000830	104	27.8 - 196	7	20
Benzo(a)pyrene	0.0799	mg/L	1	0.0800	<0.0000549	100	12.4 - 205	5	20
Indeno(1,2,3-cd)pyrene	0.0867	mg/L	1	0.0800	<0.0000869	108	10 - 198	5	20
Dibenzo(a,h)anthracene	0.0857	mg/L	1	0.0800	<0.0000605	107	10 - 172	6	20
Benzo(g,h,i)perylene	0.0866	mg/L	1	0.0800	<0.0000681	108	10 - 186	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
Nitrobenzene-d5	0.0583	0.0598	mg/L	1	0.0800	73	75	10 - 165
2-Fluorobiphenyl	0.0578	0.0596	mg/L	1	0.0800	72	74	10 - 157
Terphenyl-d14	0.0724	0.0759	mg/L	1	0.0800	90	95	10 - 220

Laboratory Control Spike (LCS-1)

QC Batch: 51940 | Date Analyzed: 2008-08-29 | Analyzed By: DC
Prep Batch: 44537 | QC Preparation: 2008-08-29 | Prepared By: DC

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.0965	mg/L	1	0.100	<0.00110	96	84 - 119.7
Toluene	0.0971	mg/L	1	0.100	<0.00100	97	84.9 - 118.2
Ethylbenzene	0.0979	mg/L	1	0.100	<0.00100	98	84.4 - 118.6
Xylene	0.284	mg/L	1	0.300	<0.00290	95	84.8 - 117.8

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

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.0967	mg/L	1	0.100	<0.00110	97	84 - 119.7	0	20
Toluene	0.0969	mg/L	1	0.100	<0.00100	97	84.9 - 118.2	0	20
Ethylbenzene	0.0986	mg/L	1	0.100	<0.00100	99	84.4 - 118.6	1	20
Xylene	0.285	mg/L	1	0.300	<0.00290	95	84.8 - 117.8	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)	0.0963	0.0957	mg/L	1	0.100	96	96	80 - 128.3
4-Bromofluorobenzene (4-BFB)	0.0932	0.0935	mg/L	1	0.100	93	94	67.7 - 126.3

Laboratory Control Spike (LCS-1)

QC Batch: 51945 | Date Analyzed: 2008-08-29 | Analyzed By: DC
Prep Batch: 44537 | QC Preparation: 2008-08-29 | Prepared By: DC

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	0.920	mg/L	1	1.00	0.087	83	70 - 130

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

continued ...

control spikes continued ...

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	0.969	mg/L	1	1.00	0.087	88	70 - 130	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)	0.101	0.0964	mg/L	1	0.100	101	96	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0918	0.0920	mg/L	1	0.100	92	92	70 - 130

Matrix Spike (MS-1) Spiked Sample: 171429

QC Batch: 51780 | Date Analyzed: 2008-08-25 | Analyzed By: LD
Prep Batch: 44353 | QC Preparation: 2008-08-25 | Prepared By: LD

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	26.4	mg/L	1	25.0	5.78	82	70 - 130

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
DRO	26.0	mg/L	1	25.0	5.78	81	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
n-Triacontane	12.8	12.6	mg/L	1	10	128	126	70 - 130

Matrix Spike (MS-1) Spiked Sample: 172364

QC Batch: 51940 | Date Analyzed: 2008-08-29 | Analyzed By: DC
Prep Batch: 44537 | QC Preparation: 2008-08-29 | Prepared By: DC

Param		MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	[3]	0.0661	mg/L	1	0.100	<0.00110	66	77.5 - 121.1
Toluene	[4]	0.0658	mg/L	1	0.100	<0.00100	66	78.8 - 119.6

continued ...

[3]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[4]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

matrix spikes continued ...

Param		MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Ethylbenzene	[5]	0.0677	mg/L	1	0.100	<0.00100	68	77.9 - 120.5
Xylene	[6]	0.190	mg/L	1	0.300	<0.00290	63	78.3 - 119.4

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	[7]	0.0984	mg/L	1	0.100	<0.00110	98	77.5 - 121.1	39	20
Toluene	[8]	0.0976	mg/L	1	0.100	<0.00100	98	78.8 - 119.6	39	20
Ethylbenzene	[9]	0.0992	mg/L	1	0.100	<0.00100	99	77.9 - 120.5	38	20
Xylene	[10]	0.284	mg/L	1	0.300	<0.00290	95	78.3 - 119.4	40	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)	0.0938	0.0948	mg/L	1	0.1	94	95	86.6 - 118.9
4-Bromofluorobenzene (4-BFB)	0.0854	0.0841	mg/L	1	0.1	85	84	59.4 - 127.3

Matrix Spike (MS-1) Spiked Sample: 171614

QC Batch: 51945 | Date Analyzed: 2008-08-29 | Analyzed By: DC
Prep Batch: 44537 | QC Preparation: 2008-08-29 | Prepared By: DC

Param		MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	[11]	66.3	mg/L	50	50.0	60.8702	11	70 - 130

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
GRO	[12]	67.8	mg/L	50	50.0	60.8702	14	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)	5.07	4.89	mg/L	50	5	101	98	70 - 130

continued ...

[5]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[6]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[7]MS/MSD RPD out of RPD Limits. Use LCS/LCSD to demonstrate analysis is under control.
[8]MS/MSD RPD out of RPD Limits. Use LCS/LCSD to demonstrate analysis is under control.
[9]MS/MSD RPD out of RPD Limits. Use LCS/LCSD to demonstrate analysis is under control.
[10]MS/MSD RPD out of RPD Limits. Use LCS/LCSD to demonstrate analysis is under control.
[11]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[12]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

matrix spikes continued ...

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
4-Bromofluorobenzene (4-BFB)	4.83	4.87	mg/L	50	5	97	97	70 - 130

Standard (ICV-1)

QC Batch: 51780 Date Analyzed: 2008-08-25 Analyzed By: LD

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/L	250	236	94	85 - 115	2008-08-25

Standard (CCV-1)

QC Batch: 51780 Date Analyzed: 2008-08-25 Analyzed By: LD

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/L	250	284	114	85 - 115	2008-08-25

Standard (CCV-2)

QC Batch: 51780 Date Analyzed: 2008-08-25 Analyzed By: LD

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/L	250	281	112	85 - 115	2008-08-25

Standard (CCV-1)

QC Batch: 51891 Date Analyzed: 2008-08-28 Analyzed By: DS

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Naphthalene		mg/L	60.0	56.9	95	80 - 120	2008-08-28
2-Methylnaphthalene		mg/L	60.0	54.5	91	80 - 120	2008-08-28
1-Methylnaphthalene		mg/L	60.0	55.1	92	80 - 120	2008-08-28
Acenaphthylene		mg/L	60.0	59.7	100	80 - 120	2008-08-28
Acenaphthene		mg/L	60.0	57.6	96	80 - 120	2008-08-28
Dibenzofuran		mg/L	60.0	61.2	102	80 - 120	2008-08-28

continued ...

standard continued ...

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Fluorene		mg/L	60.0	65.1	108	80 - 120	2008-08-28
Anthracene		mg/L	60.0	58.5	98	80 - 120	2008-08-28
Phenanthrene		mg/L	60.0	56.6	94	80 - 120	2008-08-28
Fluoranthene		mg/L	60.0	56.7	94	80 - 120	2008-08-28
Pyrene		mg/L	60.0	60.4	101	80 - 120	2008-08-28
Benzo(a)anthracene		mg/L	60.0	55.8	93	80 - 120	2008-08-28
Chrysene		mg/L	60.0	58.2	97	80 - 120	2008-08-28
Benzo(b)fluoranthene		mg/L	60.0	56.7	94	80 - 120	2008-08-28
Benzo(k)fluoranthene		mg/L	60.0	61.6	103	80 - 120	2008-08-28
Benzo(a)pyrene		mg/L	60.0	60.8	101	80 - 120	2008-08-28
Indeno(1,2,3-cd)pyrene		mg/L	60.0	68.6	114	80 - 120	2008-08-28
Dibenzo(a,h)anthracene		mg/L	60.0	67.9	113	80 - 120	2008-08-28
Benzo(g,h,i)perylene		mg/L	60.0	67.0	112	80 - 120	2008-08-28

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limit
Nitrobenzene-d5		59.2	mg/L	1	60.0	99	80 - 120
2-Fluorobiphenyl		56.7	mg/L	1	60.0	94	80 - 120
Terphenyl-d14		59.3	mg/L	1	60.0	99	80 - 120

Standard (ICV-1)

QC Batch: 51940 Date Analyzed: 2008-08-29 Analyzed By: DC

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0916	92	85 - 115	2008-08-29
Toluene		mg/L	0.100	0.0951	95	85 - 115	2008-08-29
Ethylbenzene		mg/L	0.100	0.0944	94	85 - 115	2008-08-29
Xylene		mg/L	0.300	0.274	91	85 - 115	2008-08-29

Standard (CCV-1)

QC Batch: 51940 Date Analyzed: 2008-08-29 Analyzed By: DC

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0960	96	85 - 115	2008-08-29
Toluene		mg/L	0.100	0.0949	95	85 - 115	2008-08-29
Ethylbenzene		mg/L	0.100	0.0962	96	85 - 115	2008-08-29

continued ...

standard continued ...

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Xylene		mg/L	0.300	0.277	92	85 - 115	2008-08-29

Standard (ICV-1)

QC Batch: 51945 Date Analyzed: 2008-08-29 Analyzed By: DC

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	1.08	108	85 - 115	2008-08-29

Standard (CCV-1)

QC Batch: 51945 Date Analyzed: 2008-08-29 Analyzed By: DC

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	1.09	109	85 - 115	2008-08-29

LAB Order ID # 8082238 Page 1 of 1

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9, Lubbock, Texas 79424, Tel (806) 794-1296, Fax (806) 794-1298, 1 (800) 378-1296
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Company Name: Talon LPE
Phone #: 432-522-2133
Address: (Street, City, Zip)
Fax #:
Contact Person: Shanna Smith
E-mail: Camille Reynolds CSmith@talonlpe.com
Invoice to: (If different from above) SRS 2003-00017
Project #: PLAINS047SPL
Project Name: Junction Mainline
Project Location (including state): Hobbs, NM
Sampler Signature: Camille Reynolds

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
61612	MW-15	7	LTR VOA	✓				✓				✓		8-20-08	1115
613	MW-11	7	LTR VOA	✓				✓				✓		8-22-08	1204
614	MW-05	7	LTR VOA	✓				✓				✓		8-22-08	1256
615	MW-01	7	LTR VOA	✓				✓				✓		8-22-08	1358

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B / 602 / 8260B / 624	BTEX 8021B / 602 / 8260B / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC MOD.	PAH 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content					Turn Around Time if different from standard	Hold
	✓	✓	✓	✓																		
	✓	✓	✓	✓																		
	✓	✓	✓	✓																		
	✓	✓	✓	✓																		

Relinquished by: Date: Time: 8/22/08 1555
Received by: Helen Shelton Date: 8/22/08 Time: 1555
Relinquished by: Date: Time:
Received by: Date: Time:
Relinquished by: Date: Time:
Received at Laboratory by: Date: Time:

LAB USE ONLY
Intact Y N
Headspace Y N
Temp 4.0 °C
Log-In-Review

REMARKS: BTEX, 8015 - Midland PAH - Lubbock

- [ ] Dry Weight Basis Required
- [ ] TRRP Report Required
- [ ] Check If Special Reporting Limits Are Needed

Carrier # Carry In / Lone Star

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

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