AP - 54

REPORT

DATE:

2006

* AP-54 Report 2006

PLAINS ALL AMERICAN

March 28, 2007

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

Re: Plains All American – Annual Monitoring Reports
6 Sites in Lea County, New Mexico

Dear Mr. Stone:

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

CS Caylor	Section 6, Township 17 South, Range 37 East, Lea County
Lovington Deep 6"	Section 6, Township 17 South, Range 36 East, Lea County
Hobbs Junction Mainline	Section 26, Township 18 South, Range 37 East, Lea County
Kimbrough Sweet 8"	Section 3, Township 18 South, Range 37 East, Lea County
8" Moore to Jal #1	Section 16, Township 17 South, Range 37 East, Lea County
8" Moore to Jal #2	Section 16, Township 17 South, Range 37 East, Lea County

Talon LPE prepared these documents and has vouched for their accuracy and completeness, and on behalf of Plains All American, I have personally reviewed the documents and interviewed Talon in order to verify the accuracy and completeness of these documents. It is based upon these inquiries and reviews that Plains All American submits the enclosed Annual Monitoring Reports for the above facilities.

If you have any questions or require further information, please contact me at (505) 441-0965.

Sincerely,

Camille Reynolds

Camille Reynolds
Remediation Coordinator
Plains All American

CC: Larry Johnson, NMOCD, Hobbs, NM

Enclosures

HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
2006 ANNUAL GROUNDWATER MONITORING REPORT
LEA COUNTY, NEW MEXICO
PLAINS SRS #2003-00017

Section 26, Township18 South, Range 37 East

Prepared for:

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Prepared by:

Talon/LPE
Marc Stroope
318 E. Taylor Street
Hobbs, New Mexico 88240

March 27, 2007

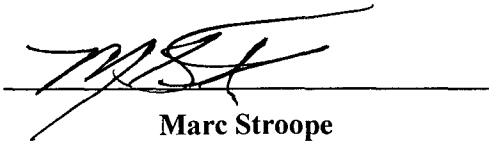
Toll Free: 866-742-0742
www.talonlpe.com

Hobbs Junction Mainline
2006 Annual Groundwater Monitoring Report

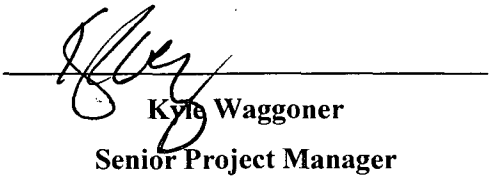
Plains Marketing, L.P.
Houston, Texas

Talon/LPE PROJECT NO. PLAINS047SPL

Prepared by:



Marc Stroope
Senior Project Manager



Kyle Waggoner
Senior Project Manager

Talon/LPE
318 E. Taylor Street
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March 27, 2007

Distribution List

Name	Title	Company or Agency	Mailing Address	e-mail
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Camille Reynolds	Remediation Coordinator	Plains All American Pipeline	3112 West U.S. Hwy 82 Lovington, NM 88260	cjreynolds@paalp.com
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Faye Klein	Landowner	--	P.O. Box 1503 Hobbs, NM 88240	--
File		Talon/LPE	318 East Taylor Street Hobbs, New Mexico 88240	mstroope@talonlpe.com

NMOCD - New Mexico Oil Conservation Division

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Appendices

ANNUAL GROUNDWATER MONITORING REPORT

Introduction

The Hobbs Junction Mainline release site is located approximately 3 miles west of Hobbs, in Lea County, New Mexico on land owned by the State of New Mexico and Ms. Faye Klein. The property on the south side of the site is owned by Ms. Faye Klein and the property to the north is owned by the State of New Mexico.

On January, 23, 2003, a release of approximately 50 barrels (bbls) occurred from a Plains Pipeline, L.P. (Plains) pipeline at this location. Approximately 12,500 square feet of surface area was impacted by the release. Site investigation and soil excavating activities were initiated in February 2003. During site delineation activities conducted in February 2003, crude oil was found to have impacted groundwater situated approximately 40 feet below ground surface (bgs).

In addition to the soil evaluation at the site, a total of twenty (20) monitor wells have been installed in the vicinity of the release (reference Figure 1). Monitor wells MW-1 and MW-2 were installed on March 5, 2003 to evaluate the presence of phase separated hydrocarbons (PSH). Monitor wells MW-3 through MW-6 were installed in August 2003, and immediately exhibited PSH. On January 19 and 20, 2004, monitor wells MW-7 through MW-13 were installed to delineate the dissolved phase plume. Upon development, PSH was detected in monitor well MW-12. Monitor wells MW-14 through MW-17 were installed on May 24, 2004. PSH was detected in monitor wells MW-14 and MW-17. Monitor wells MW-18 through MW-20 were installed in November 2006 and PSH was not present. These activities are summarized in the Soil Closure Proposal, dated June 2006.

PSH recovery operations have been performed at the site since March 2004. Approximately 53,382 gallons (1,271 bbls) of PSH have been recovered to date.

Groundwater Gradient

Monitor wells were gauged to determine the depth to groundwater and PSH thickness. Based on existing data, the groundwater gradient appears to be primarily toward the east-southeast as indicated in Figures 2a through 2d.

PSH Recovery

An automated eductor recovery system was installed in March 2004. In 2006, approximately 13,944 gallons (332 bbls) of crude oil were recovered and reintroduced into the Plains pipeline system at Lea Station.

Groundwater Sampling

The groundwater sampling events occurred on March 2, June 1, August 14, and November 28, 2006. During the sampling event of March 2, monitor wells MW-7, MW-8, MW-10, MW-11, MW-13, MW-15 and MW-16 were submitted for quantification of benzene,

toluene, ethylbenzene and total xylenes (BTEX) and for quantification of poly-aromatic hydrocarbons (PAH). According to the New Mexico Oil Conservation Division (NMOCD) letter on April 6, 2006, monitor wells MW-7, MW-8, MW-9, and MW-13 were approved to be sampled on an annual basis. Monitor well MW-9 was submitted for quantification of BTEX by EPA method 8260B. During the sampling event of June 1, monitor wells MW-10, MW-11, MW-15 and MW-16 were submitted for quantification of BTEX. Monitor well MW-9 was submitted for quantification of PAH. Monitor wells MW-10, MW-11, MW-15 and MW-16 were sampled on August 14 and analyzed for BTEX. On November 28, monitor wells MW-10, MW-11, MW-15, MW-16, MW-18, MW-19, and MW-20 were submitted for quantification of BTEX. The results from the analysis of the groundwater sampling events are summarized in Table 2.

The monitor well samples were submitted to an independent laboratory during each sampling event for quantification of BTEX utilizing EPA Method 8260B with PAH utilizing EPA Method 8270C included in the March 2, 2006 sampling event. In addition to routine sampling of the site monitor wells, the Klein irrigation well was sampled on June 9, 2006.

Monitor wells MW-1 through MW-5, MW-12, MW-14, and MW-17 were not sampled in 2006 due to the presence of PSH in the wells.

Groundwater Analytical Results

New Mexico Water Quality Control Commission (NMWQCC) groundwater standards

Compound	µg/L
Benzene	10
Toluene	750
Ethylbenzene	750
Total Xylenes	620
PAH's	30

March 2, 2006

Analytical results for the samples collected from monitor wells MW-7 through MW-10, MW-15, and MW-16 on March 2, 2006 indicated benzene concentrations above the NMWQCC standard limit of 10 µg/L. Monitor MW-11 exhibited benzene, toluene, ethylbenzene and total xylene concentrations above the NMWQCC limits. Monitor well MW-11 exhibited the PAH compound naphthalene at concentrations above the NMQCC standard limit of 30.0 µg/L. Monitor wells MW-1 through MW-6, MW-12, MW-14, and MW-17 were not sampled due to presence of PSH (reference Figure 4a).

June 1, 2006

The monitor well data from the samples collected on June 1, 2006 indicated that monitor wells MW-10 and MW-16 exhibited benzene concentrations of 1,110 µg/L and 27.9 µg/L respectively. Monitor well samples MW-11 and MW-15 exhibited benzene, toluene, ethylbenzene and total xylene concentrations above the NMWQCC limits. The Klein

irrigation well was sampled on June 9, 2006 and did not exhibit detectable BTEX concentrations above the laboratory standard detection limits. Monitor wells MW-1 through MW-6, MW-12, MW-14, and MW-17 were not sampled due to presence of PSH (see Figure 4b).

August 14, 2006

The August 14, 2006 groundwater sampling event revealed that monitor well MW-10 was non-detect for all BTEX constituents. Monitor well MW-11 exhibited benzene, toluene, ethylbenzene and total xylene concentrations above the NMWQCC standard limits. Benzene exceeded the NMQCC groundwater standard limit in monitor well MW-16 (10.6 µg/L). Monitor wells MW-1 through MW-6, MW-12, MW-14, and MW-17 were not sampled due to presence of PSH (reference Figure 4c).

November 28, 2006

The monitor well data from the samples collected on November 28, 2006 indicated that monitor well MW-10 exhibited benzene concentrations above the NMWQCC 10 µg/L benzene limit. Monitor well MW-11 exhibited benzene, toluene, ethylbenzene and total xylene concentrations above the NMWQCC limits, while MW-15 exhibited benzene and ethylbenzene concentrations above the NMWQCC limits. BTEX analytical results for monitor well MW-18 were below the laboratory reporting limits. Monitor well MW-20 exhibited benzene, ethylbenzene and total xylene concentrations which exceeded the NMWQCC limits. Monitor wells MW-1 through MW-6, MW-12, MW-14, and MW-17 were not sampled due to presence of PSH (reference Figure 4d).

Recommendations

Based on field monitoring and analytical results from 2006, the following activities are recommended for the site:

1) Gauge the monitor wells on a bi-weekly basis to record water and PSH levels and recover PSH from the groundwater monitoring wells impacted with PSH.

2) Install automated recovery system utilizing eight (8) skimmer pumps and one (1) total fluid pump to enhance the current recovery system.

3) Sample the groundwater monitoring well network on a quarterly and/or annual basis, according to the NMOCD recommendations, and submit the samples for quantification of BTEX. The wells not exhibiting PSH should be analyzed annually for the presence of PAH.

4) Subsequent to installation of the automated recovery system, Talon/LPE will re-evaluate the progress and provide Plains with recovery data.

5) Survey top of casing elevations for monitor wells MW-18, MW-19, and MW-20.

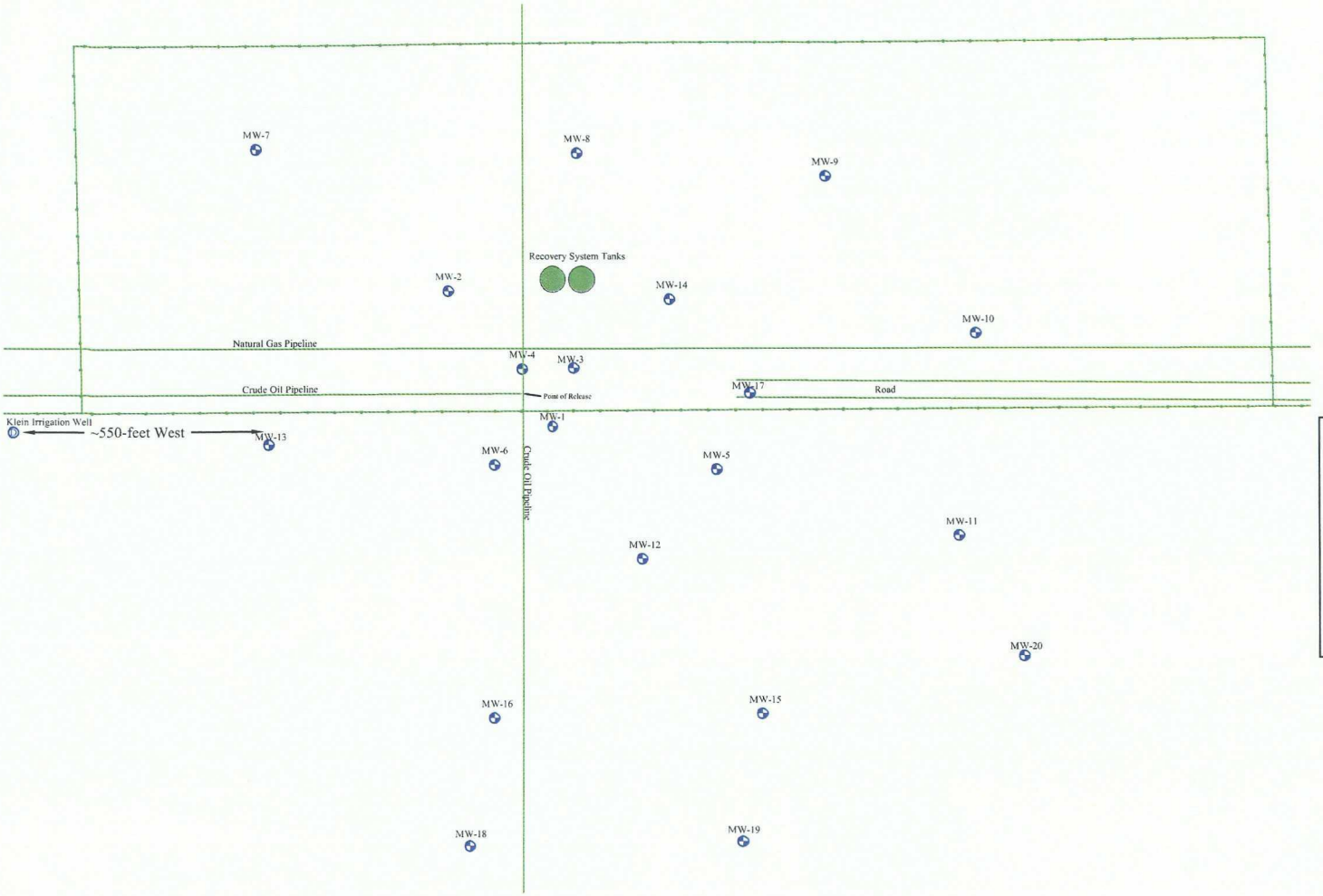
Appendix A
Drawings

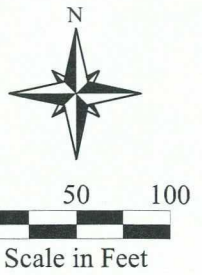
Figure 1 – Site Map with Groundwater Monitor Wells

Figure 2 – Groundwater Gradient Maps
- 2a – Groundwater Gradient Map (3/2/2006)
- 2b – Groundwater Gradient Map (6/1/2006)
- 2c – Groundwater Gradient Map (8/14/2006)
- 2d – Groundwater Gradient Map (11/28/2006)

Figure 3 – PSH Plume Maps
- 3a – PSH Plume Map (3/2/2006)
- 3b – PSH Plume Map (6/1/2006)
- 3c – PSH Plume Map (8/14/2006)
- 3d – PSH Plume Map (11/28/2006)

Figure 4 – Groundwater Concentration Maps
- 4a – Groundwater Concentration Map (3/2/2006)
- 4b – Groundwater Concentration Map (6/1/2006)
- 4c – Groundwater Concentration Map (8/14/2006)
- 4d – Groundwater Concentration Map (11/28/2006)





Legend

- Monitor Well
- Irrigation Well
- Fence line
- Natural Gas Line
- Crude Pipeline
- Groundwater Gradient Contour Line
- 81.30 - Groundwater Gradient Contour Elevation
- Groundwater Flow Direction

Note:

MW 18, MW 19 & MW 20 are in approximate locations.

TALON LPE

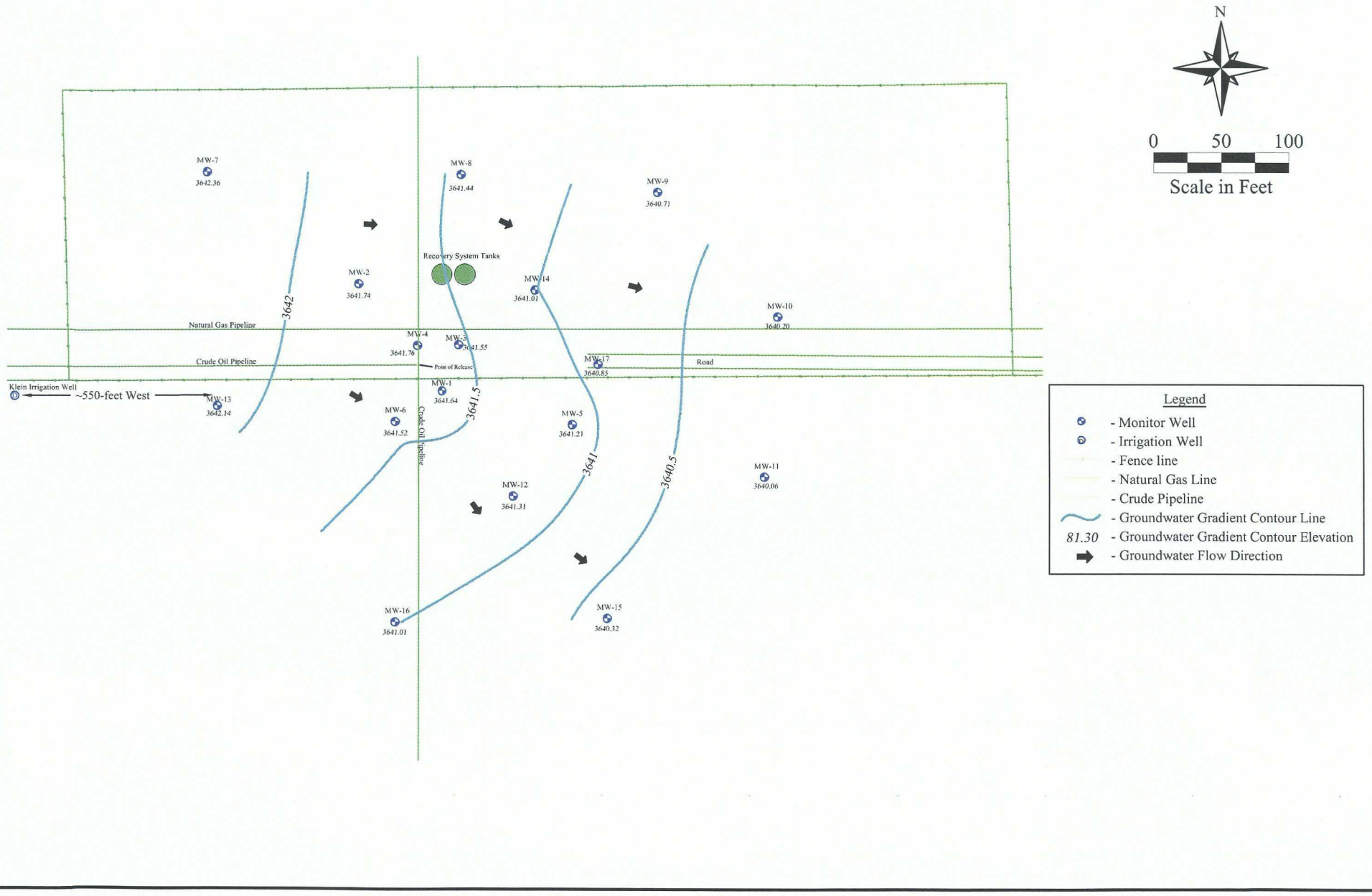
Date: 03/27/2007
Scale: 1" = 100'
Drawn By: WDR

Hobbs Junction Mainline #2003-00017

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E

Lea County, New Mexico

Figure 1 - Site Plan



TALON LPE

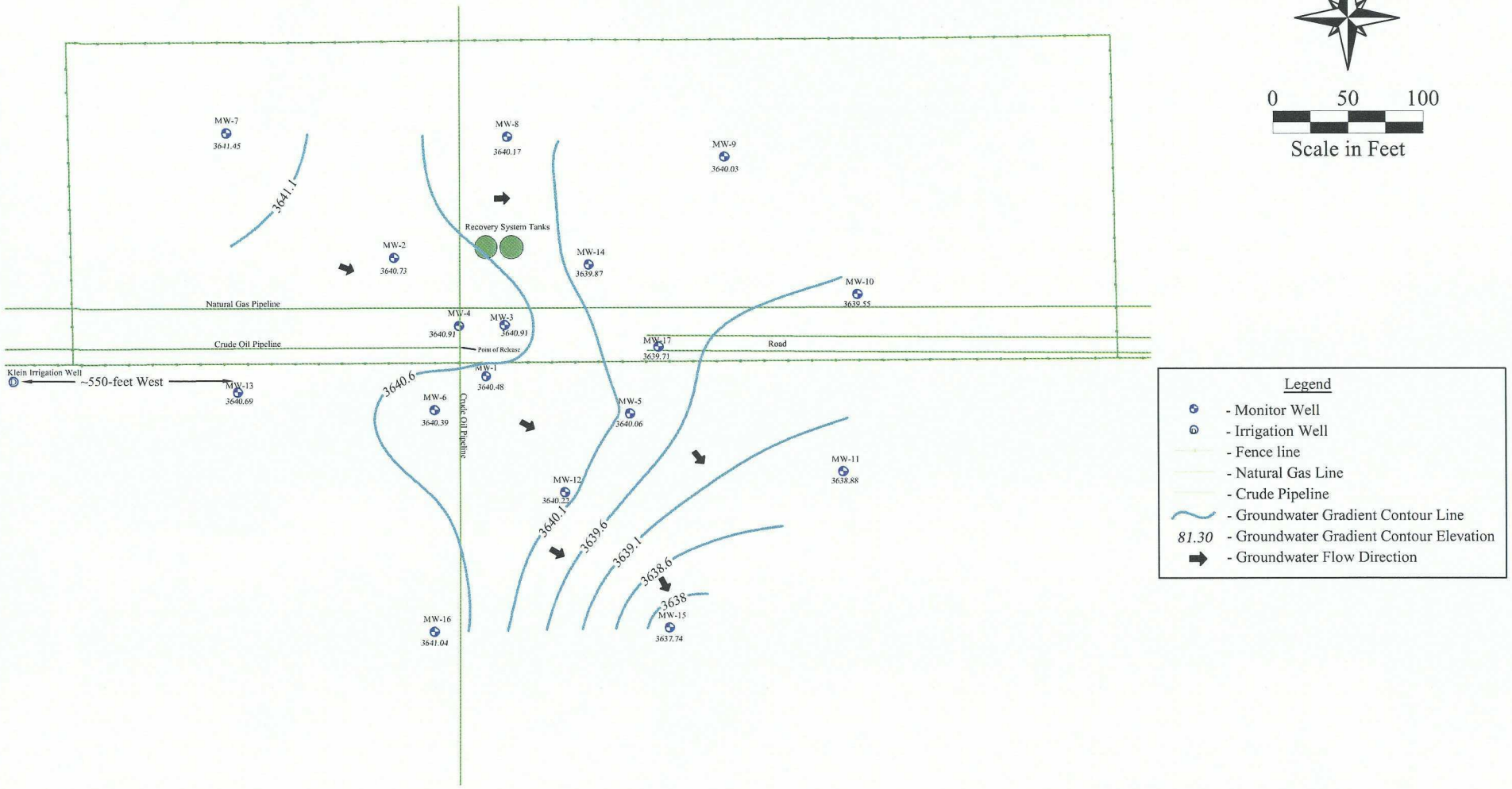
Date: 03/27/2007
Scale: 1" = 100'
Drawn By: WDR

Hobbs Junction Mainline #2003-00017

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E

Lea County, New Mexico

Figure 2a - Groundwater Gradient Map, (03/02/2006)



TALON LPE

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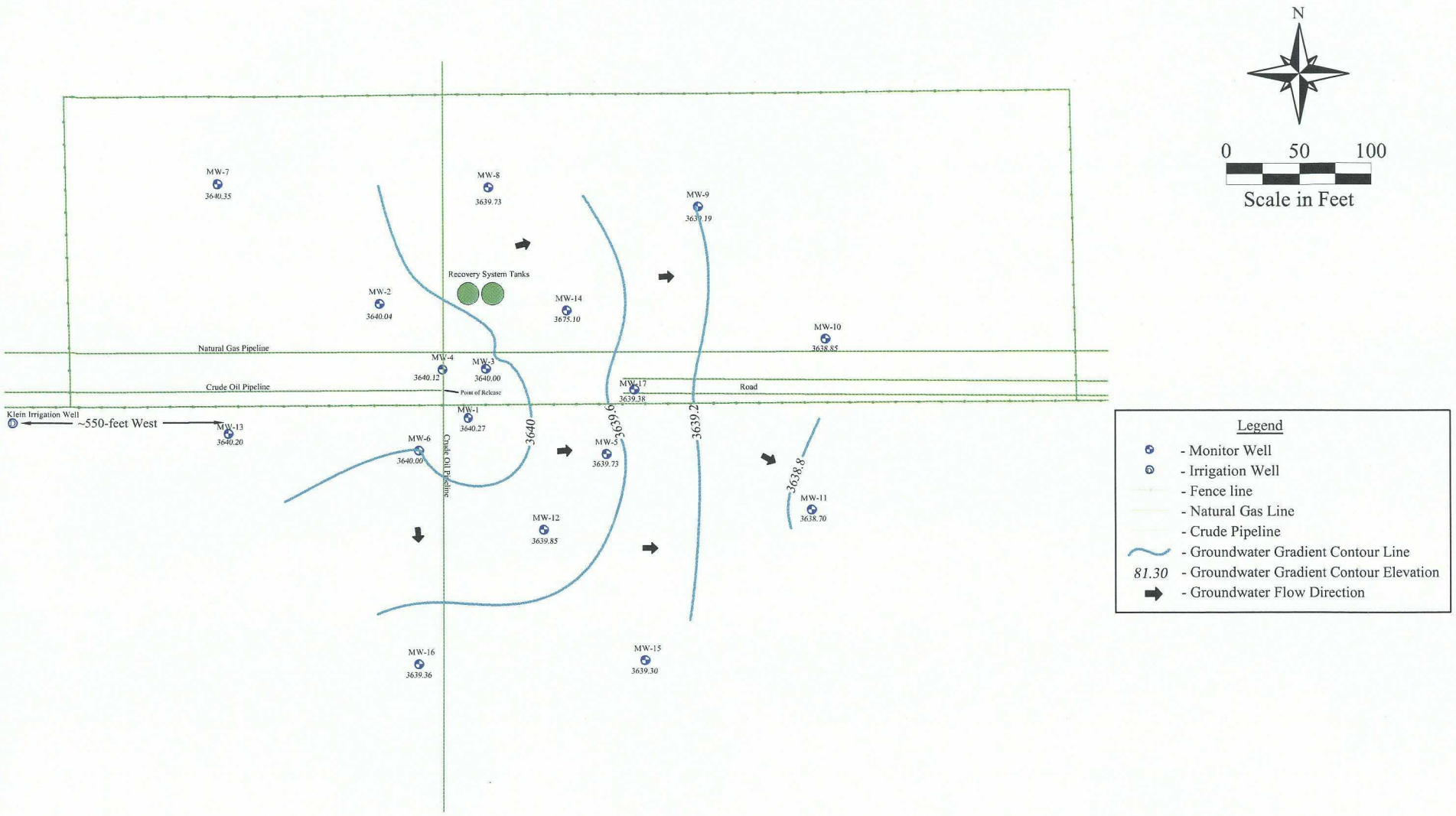
Drawn By:	WDR

Hobbs Junction Mainline #2003-00017

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E

Lea County, New Mexico

Figure 2b - Groundwater Gradient Map, (06/01/2006)



TALON LPE

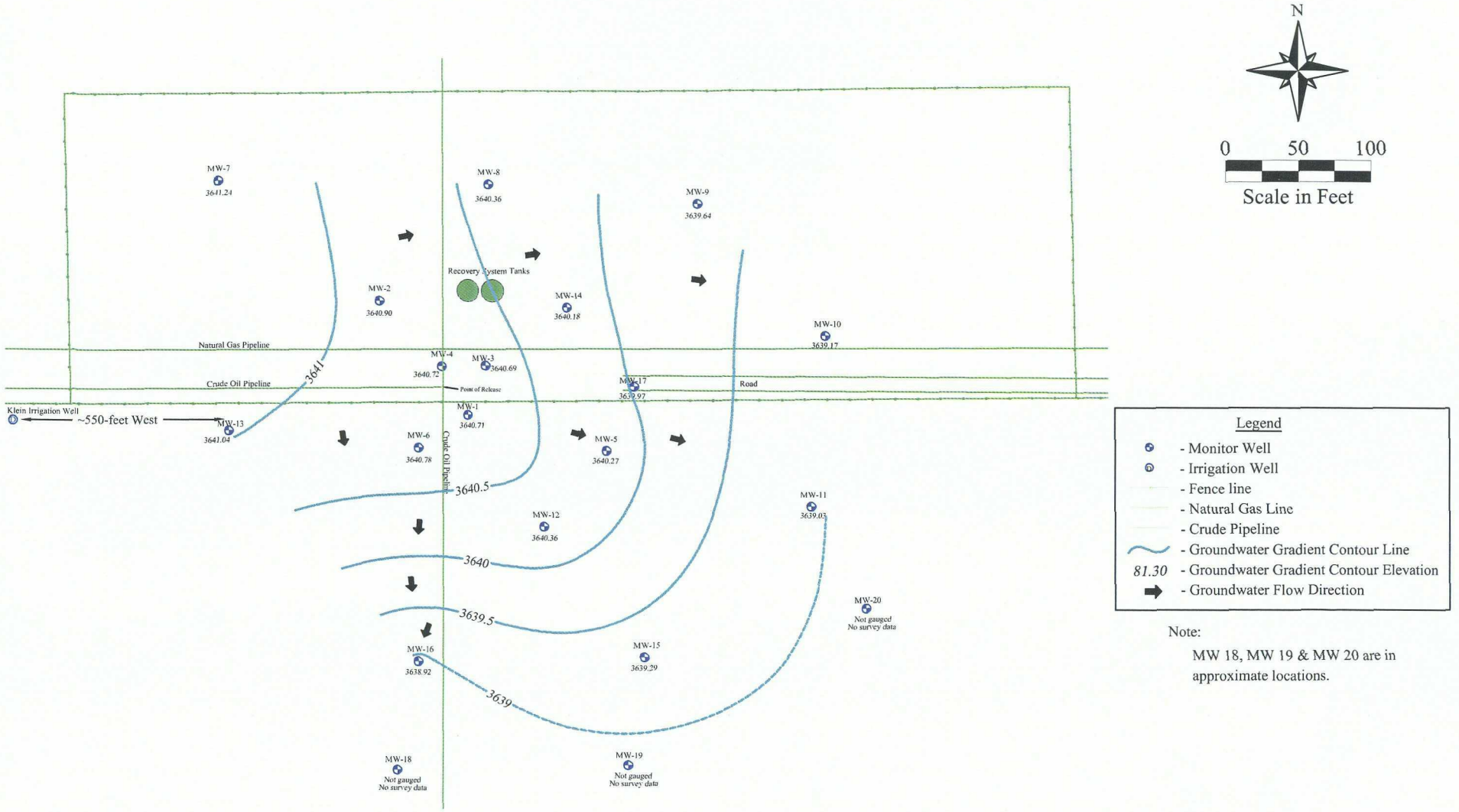
Date: 03/27/2007
Scale: 1" = 100'
Drawn By: WDR

Hobbs Junction Mainline #2003-00017

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E

Lea County, New Mexico

Figure 2c - Groundwater Gradient Map, (08/14/2006)



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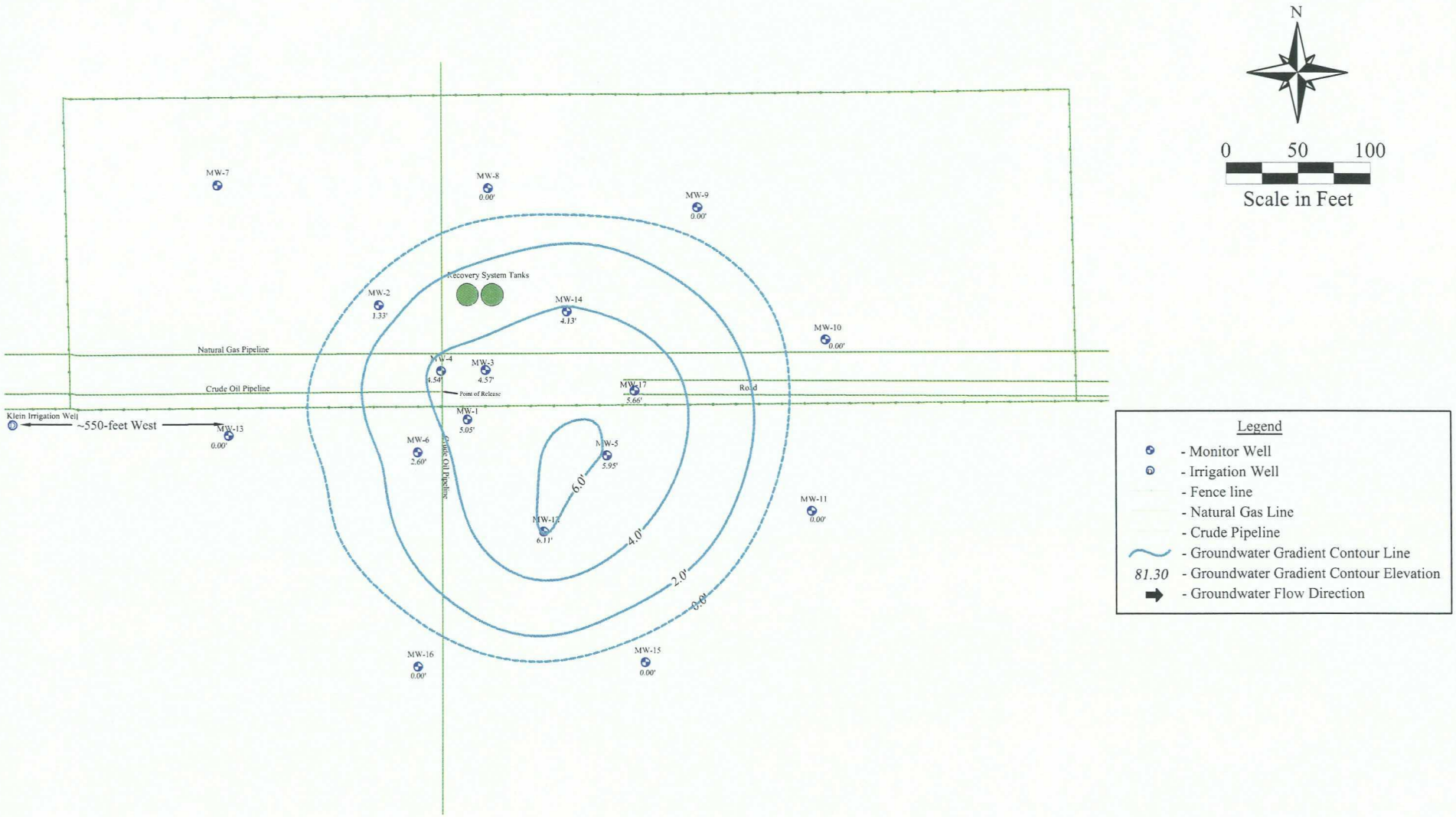
Scale: 1" = 100'
Drawn By: WDR

Hobbs Junction Mainline #2003-00017

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E

Lea County, New Mexico

Figure 2d - Groundwater Gradient Map, (11/28/2006)



TALON LPE

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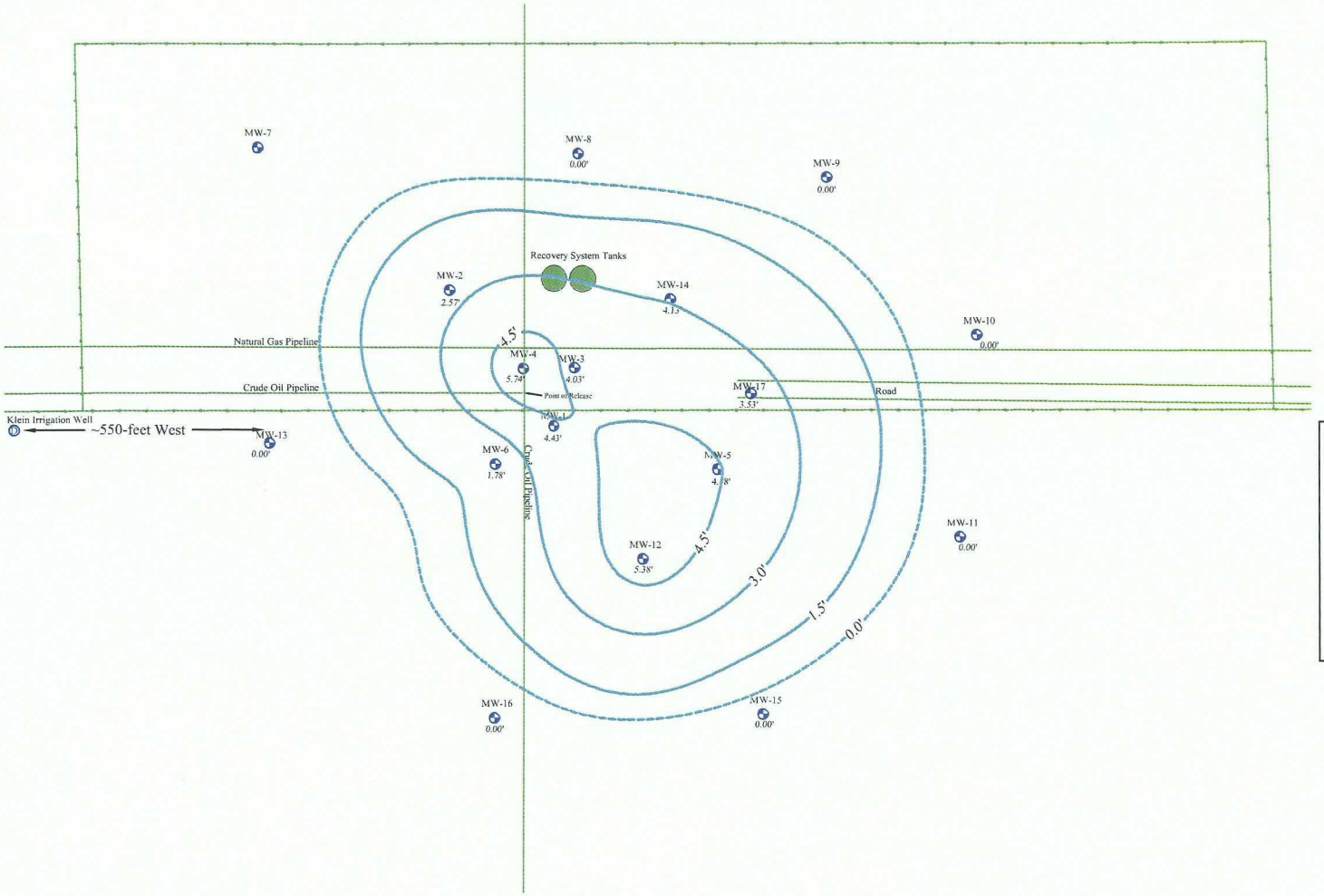
Scale: 1" = 100'
Drawn By: WDR

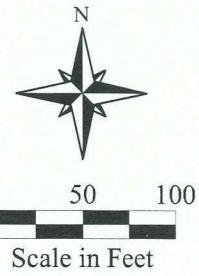
Hobbs Junction Mainline #2003-00017

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E

Lea County, New Mexico

Figure 3a - PSH Plume, (03/02/2006)





Legend

- Monitor Well
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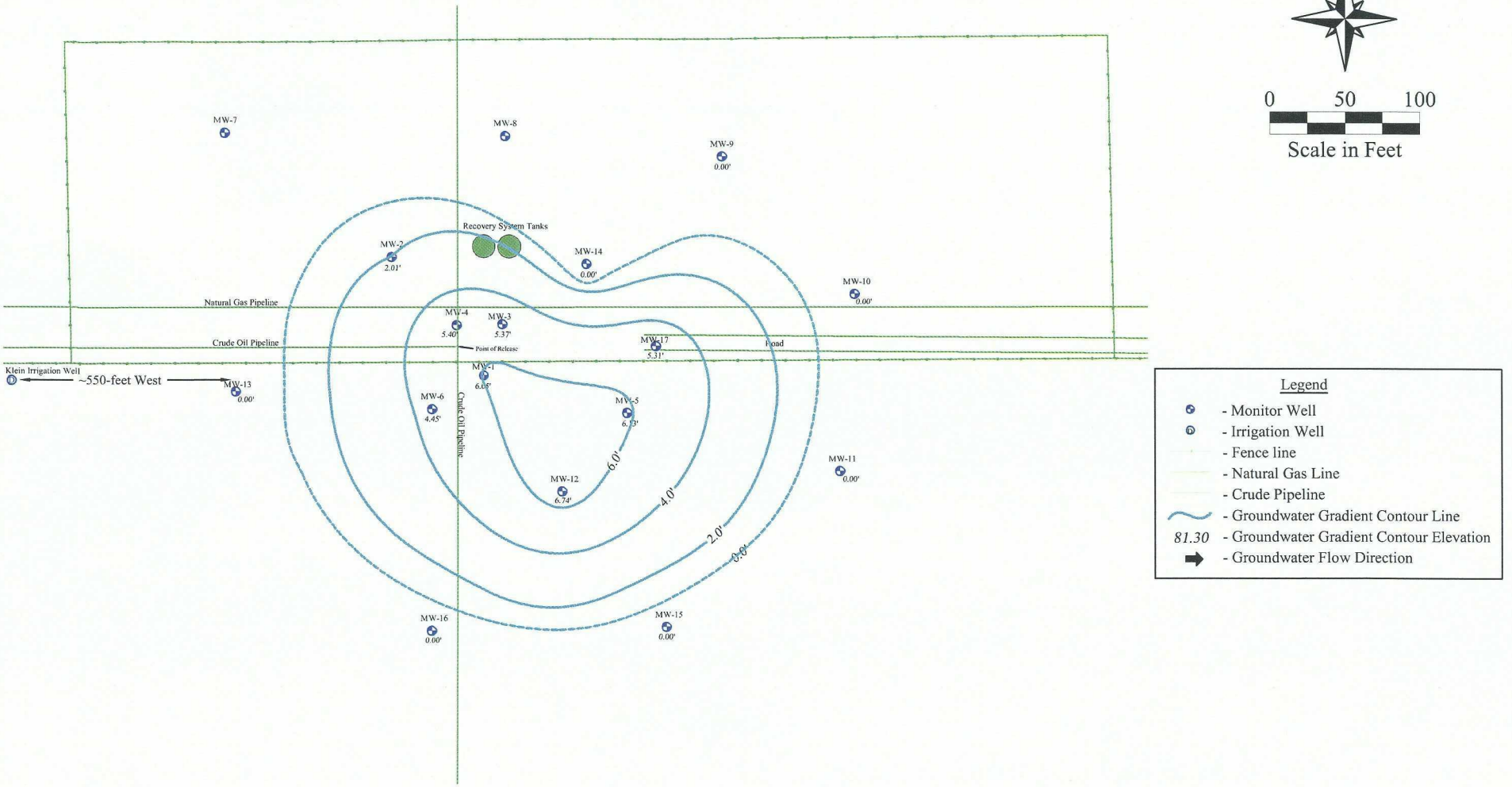
Scale: 1" = 100'
Drawn By: WDR

Hobbs Junction Mainline #2003-00017

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

Figure 3b - PSH Plume, (06/01/2006)



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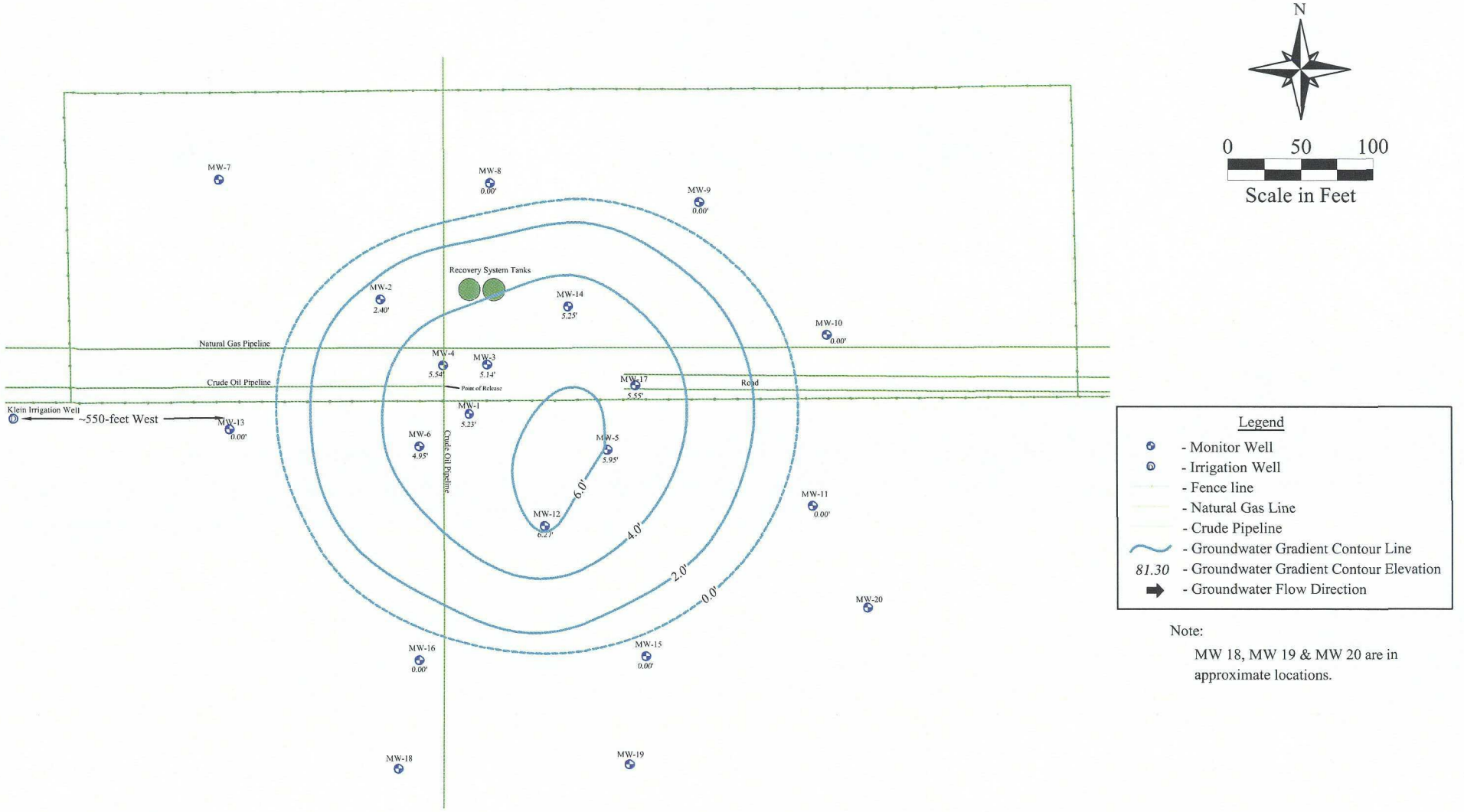
Scale:	1" = 100'
Drawn By:	WDR

Hobbs Junction Mainline #2003-00017

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E

Lea County, New Mexico

Figure 3c - PSH Plume, (08/14/2006)



TALON LPE

Date: 03/27/2007

Scale: 1" = 100'

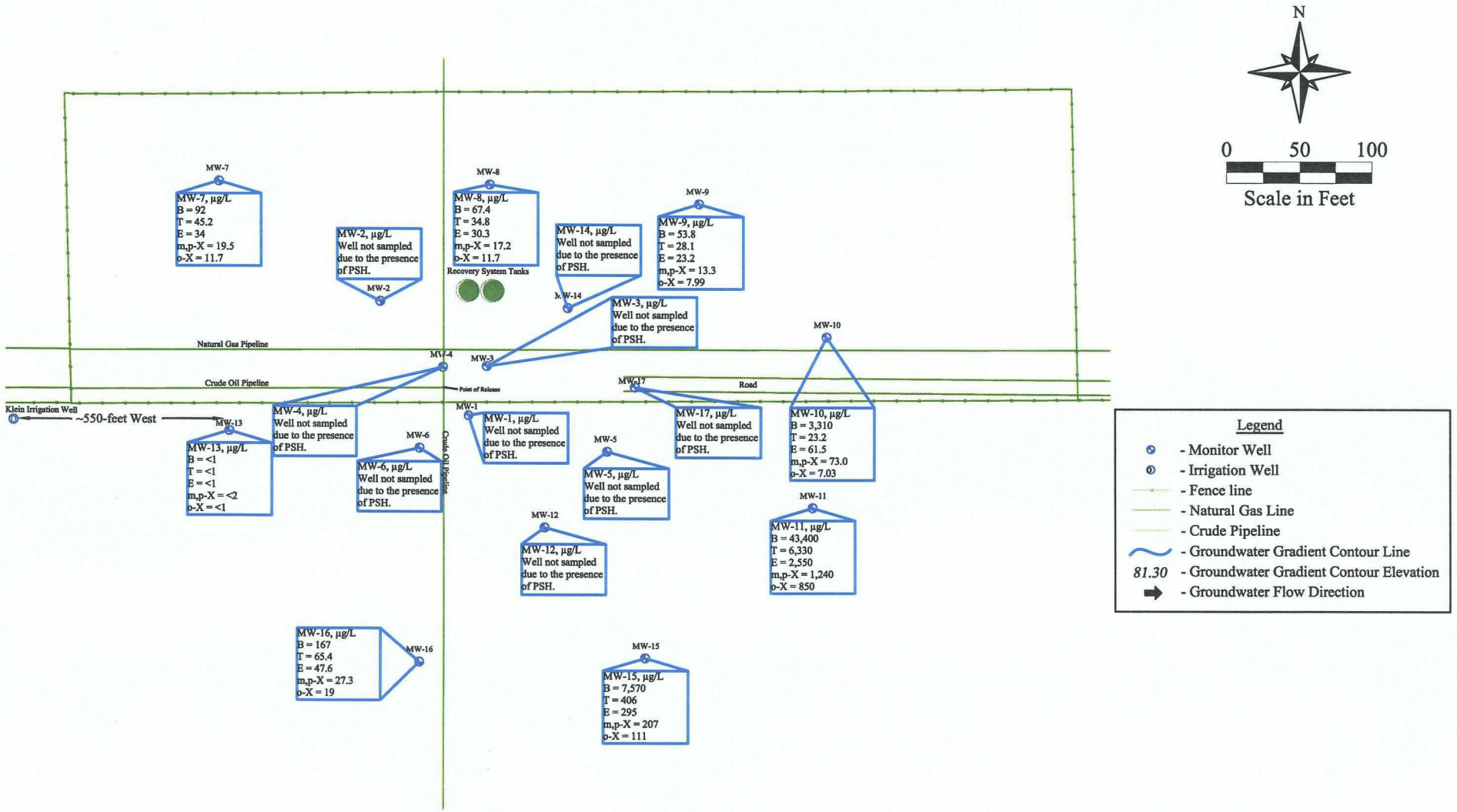
Drawn By: WDR

Hobbs Junction Mainline #2003-00017

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E

Lea County, New Mexico

Figure 3d - PSH Plume, (11/28/2006)



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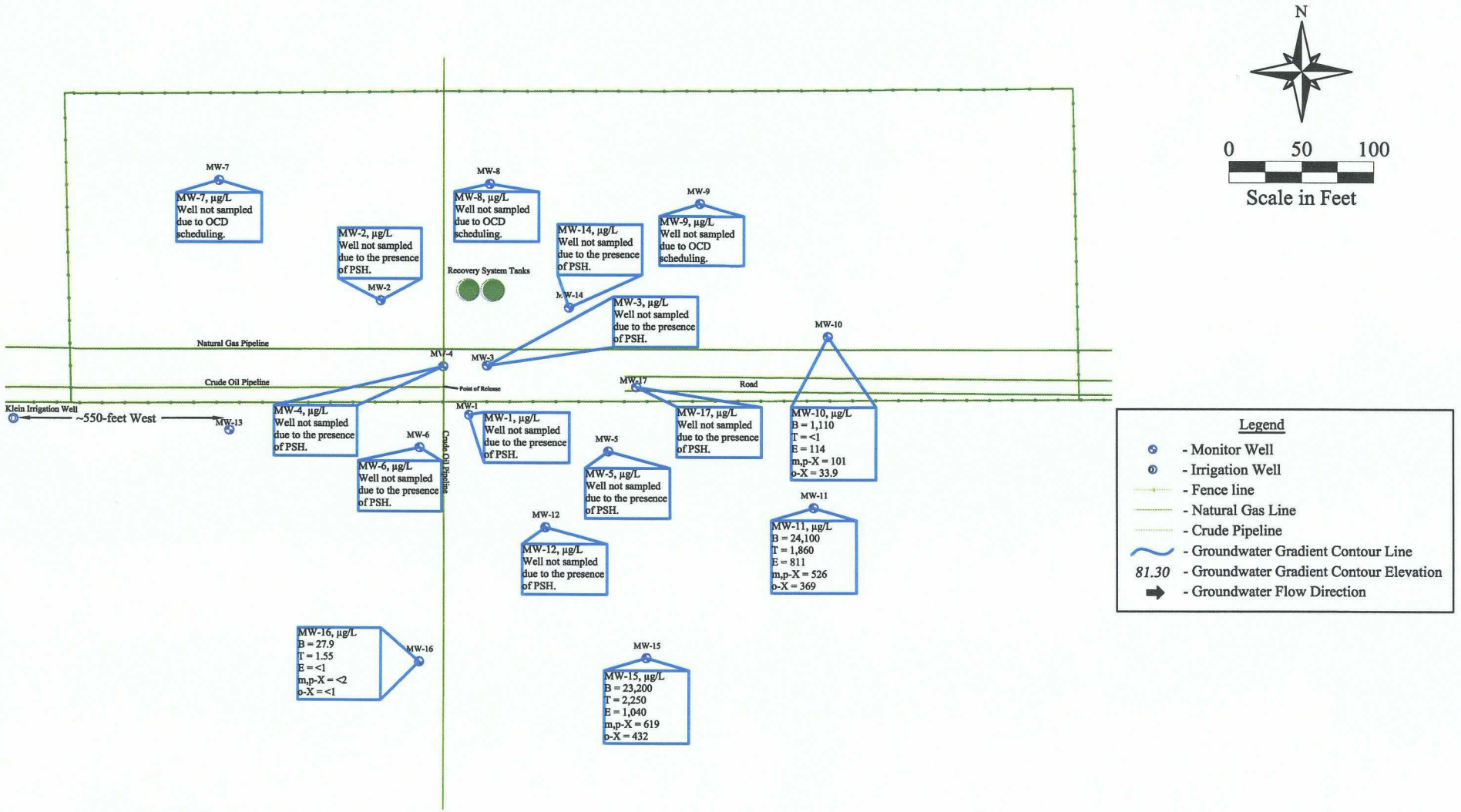
Scale: 1" = 100'
Drawn By: WDR

Hobbs Junction Mainline #2003-00017

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E

Lea County, New Mexico

Figure 4a - Groundwater Concentration Map, (03/02/2006)



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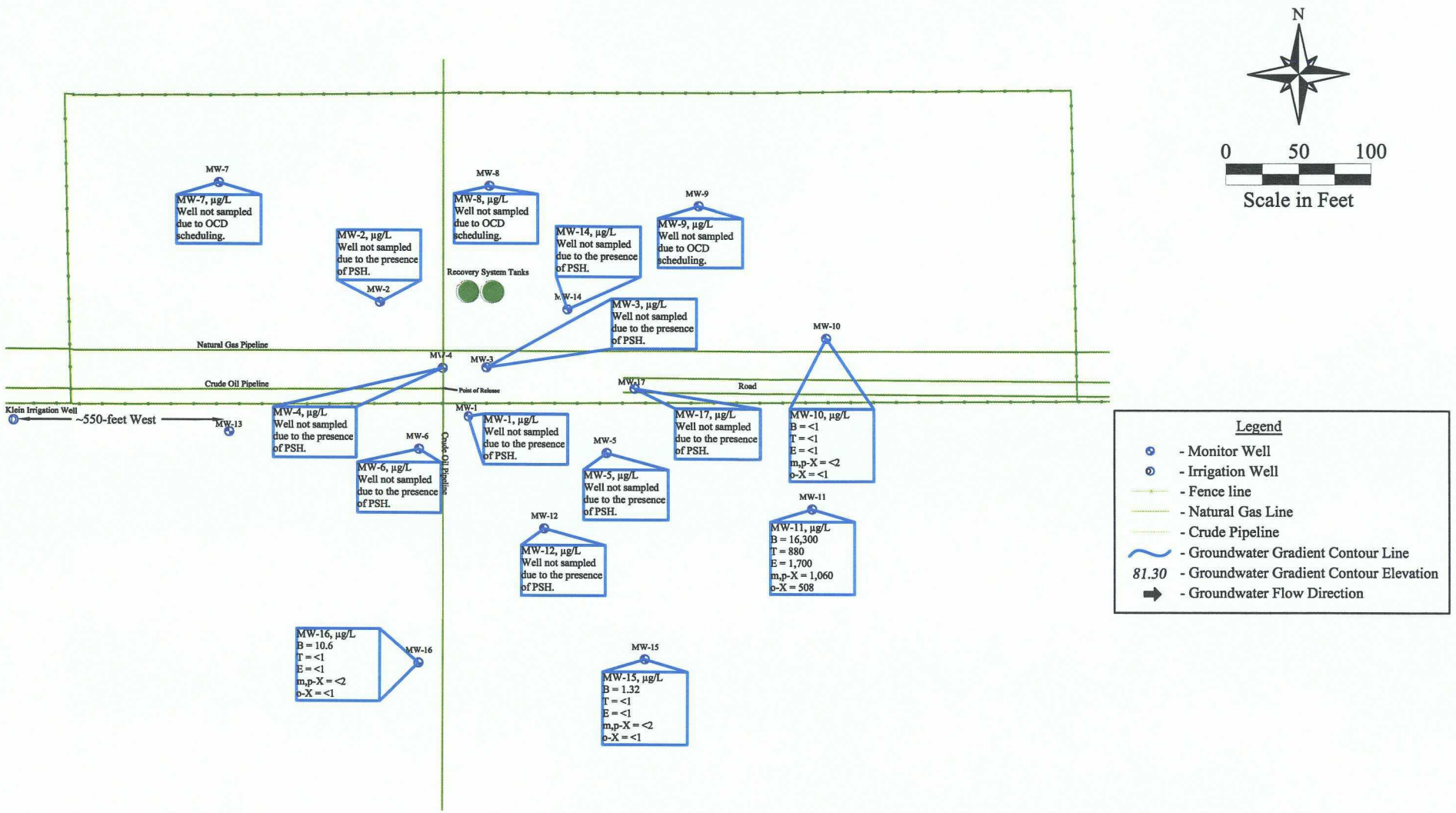
Date:	03/27/2007
Scale:	1" = 100'
Drawn By:	WDR

Hobbs Junction Mainline #2003-00017

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E

Lea County, New Mexico

Figure 4b - Groundwater Concentration Map, (06/01/2006)



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Date: 03/27/2007

Scale: 1" = 100'

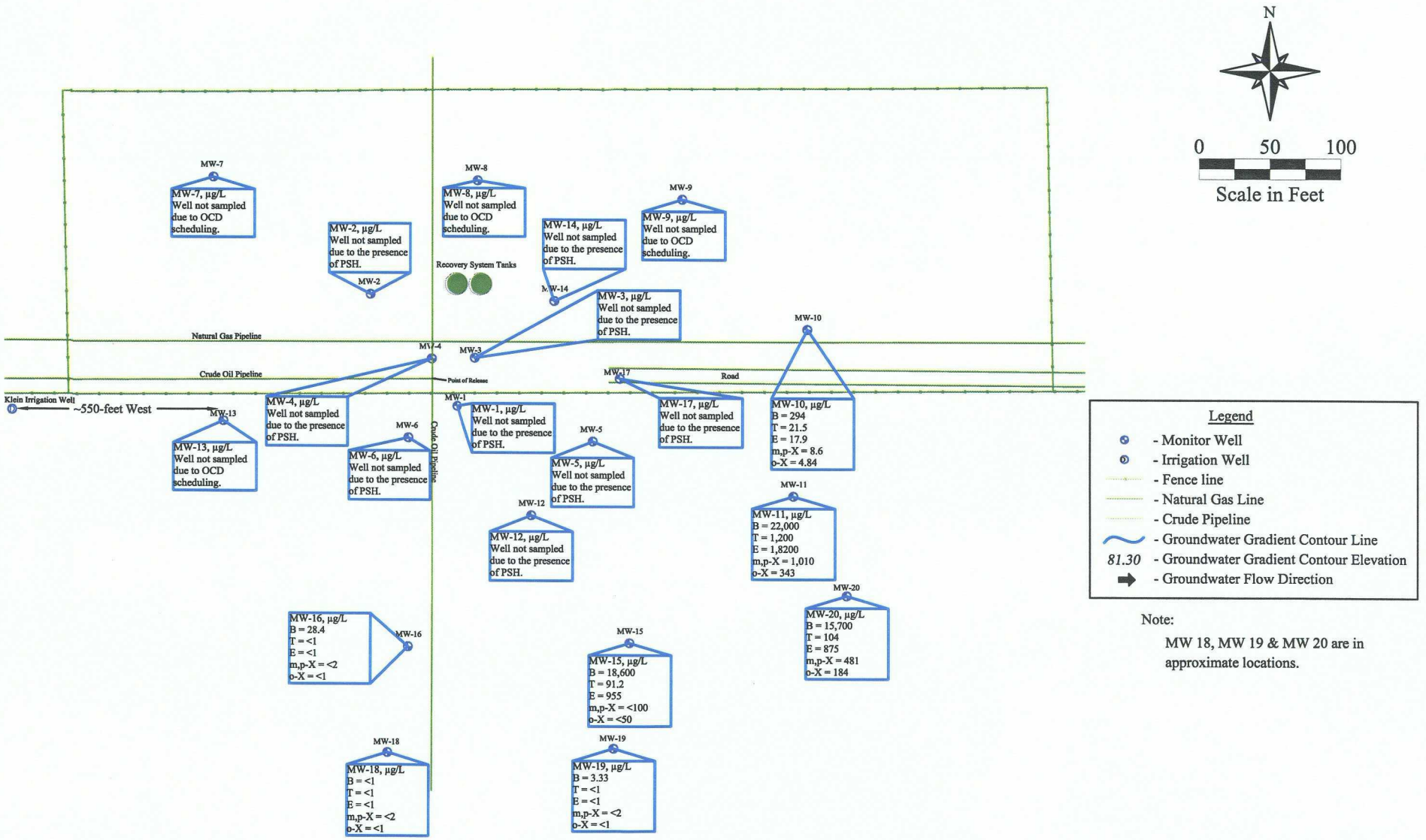
Drawn By: WDR

Hobbs Junction Mainline #2003-00017

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E

Lea County, New Mexico

Figure 4c - Groundwater Concentration Map, (08/14/2006)



Note:

MW 18, MW 19 & MW 20 are in approximate locations.

TALON LPE

Date: 03/27/2007

Scale: 1" = 100'

Drawn By: WDR

Hobbs Junction Mainline #2003-00017

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E

Lea County, New Mexico

Figure 4d - Groundwater Concentration Map, (11/28/2006)

APPENDIX B

Tables

Table 1 – Groundwater Elevations and PSH Thickness
Table 2 – Summary of Groundwater Analytical Results
Table 3 – Summary of Groundwater Poly-Aromatic Hydrocarbon (PAH) Analytical Results

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

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
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)	Corrected Groundwater Elevation* (feet-amsl)
MW-2	06/26/03	3,679.47	38.72	44.93	6.21	3,640.13
	07/01/03		38.65	45.42	6.77	3,640.14
	07/22/03		38.63	45.63	7.00	3,640.14
	07/23/03		38.64	45.63	6.99	3,640.13
	07/24/03		39.20	43.57	4.37	3,639.83
	07/30/03		39.21	43.58	4.37	3,639.82
	12/11/03		38.88	45.51	6.63	3,639.93
	12/15/03		38.84	45.41	6.57	3,639.97
	03/23/04		38.36	44.52	6.16	3,640.49
	03/29/04		38.47	44.04	5.57	3,640.44
	04/29/04		38.16	48.06	9.90	3,640.32
	05/03/04		38.39	44.27	5.88	3,640.49
	07/12/04		39.42	44.67	5.25	3,639.53
	12/09/04		37.00	42.52	5.52	3,641.92
	02/16/05		36.87	44.03	7.16	3,641.88
	03/31/05		36.17	41.85	5.68	3,642.73
	05/13/05		36.27	42.10	5.83	3,642.62
	05/26/05		36.84	39.29	2.45	3,642.39
	06/28/05		36.39	41.57	5.18	3,642.56
	08/15/05		37.15	38.92	1.77	3,642.14
	11/14/05		37.56	39.16	1.60	3,641.75
	01/23/06		38.01	39.54	1.53	3,641.31
	03/02/06		37.60	38.93	1.33	3,641.74
	06/01/06		38.48	41.05	2.57	3,640.73
	08/14/06		39.23	41.24	2.01	3,640.04
	11/28/06		38.33	40.73	2.40	3,640.90
	12/12/06		37.80	44.10	6.30	3,641.04

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
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)	Corrected Groundwater Elevation* (feet-amsl)
MW-3	10/13/03	3,679.81	39.21	48.75	9.54	3,639.65
	12/11/03		39.15	48.95	9.80	3,639.68
	12/15/03		39.08	50.91	11.83	3,639.55
	02/18/04		38.72	48.26	9.54	3,640.14
	03/12/04		39.82	48.49	8.67	3,639.12
	03/29/04		38.81	46.32	7.51	3,640.25
	04/29/04		39.49	44.11	4.62	3,639.86
	05/03/04		38.77	46.51	7.74	3,640.27
	07/12/04		39.68	46.81	7.13	3,639.42
	12/09/04		37.21	45.06	7.85	3,641.82
	02/16/05		36.70	42.67	5.97	3,642.51
	03/31/05		38.17	38.20	0.03	3,641.64
	05/13/05		36.67	44.45	7.78	3,642.36
	05/26/05		36.92	42.88	5.96	3,642.29
	06/28/05		36.72	44.05	7.33	3,642.36
	08/15/05		37.12	43.17	6.05	3,642.09
	11/14/05		37.69	42.67	4.98	3,641.62
	01/23/06		38.08	43.31	5.23	3,641.21
	03/02/06		37.80	42.37	4.57	3,641.55
	06/01/06		38.50	42.53	4.03	3,640.91
	08/14/06		39.27	44.64	5.37	3,640.00
	11/28/06		38.61	43.75	5.14	3,640.69
	12/12/06		38.56	43.91	5.35	3,640.72

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
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)	Corrected Groundwater Elevation* (feet-amsl)
MW-4	10/13/03	3,679.64	39.01	48.75	9.74	3,639.66
	12/11/03		38.92	47.32	8.40	3,639.88
	12/15/03		38.84	47.16	8.32	3,639.97
	02/18/04		38.48	46.62	8.14	3,640.35
	03/12/04		39.09	47.51	8.42	3,639.71
	03/29/04		38.59	45.62	7.03	3,640.35
	04/29/04		39.94	44.23	4.29	3,639.27
	05/03/04		38.55	46.33	7.78	3,640.31
	07/12/04		39.49	46.24	6.75	3,639.48
	12/09/04		37.03	44.15	7.12	3,641.90
	02/16/05		36.28	43.01	6.73	3,642.69
	03/31/05		36.45	42.62	6.17	3,642.57
	05/13/05		36.37	43.25	6.88	3,642.58
	05/26/05		36.51	42.79	6.28	3,642.50
	06/28/05		36.47	43.26	6.79	3,642.49
	08/15/05		36.79	42.80	6.01	3,642.25
	11/14/05		37.35	42.24	4.89	3,641.80
	01/23/06		37.80	42.66	4.86	3,641.35
	03/02/06		37.43	41.97	4.54	3,641.76
	06/01/06		38.16	43.90	5.74	3,640.91
	08/14/06		39.01	44.12	5.11	3,640.12
	11/28/06		38.37	43.91	5.54	3,640.72
	12/12/06		38.35	43.06	4.71	3,640.82

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
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)	Corrected Groundwater Elevation* (feet-amsl)
MW-5	10/13/03	3,679.26	40.35	43.02	2.67	3,638.64
	12/11/03		38.95	47.81	8.86	3,639.42
	12/15/03		38.91	47.72	8.81	3,639.47
	02/18/04		38.61	47.44	8.83	3,639.77
	03/29/04		38.76	46.15	7.39	3,639.76
	04/29/04		38.55	47.41	8.86	3,639.82
	05/03/04		38.52	47.46	8.94	3,639.85
	07/12/04		39.24	47.72	8.48	3,639.17
	12/09/04		36.99	45.01	8.02	3,641.47
	02/16/05		36.24	44.48	8.24	3,642.20
	02/22/05		36.20	44.50	8.30	3,642.23
	03/31/05		36.38	44.38	8.00	3,642.08
	05/13/05		36.43	44.29	7.86	3,642.04
	05/26/05		36.66	43.50	6.84	3,641.92
	06/28/05		36.58	44.45	7.87	3,641.89
	08/15/05		36.93	43.52	6.59	3,641.67
	11/14/05		37.45	43.27	5.82	3,641.23
	01/23/06		37.85	43.90	6.05	3,640.81
	03/02/06		37.46	43.41	5.95	3,641.21
	06/01/06		38.74	43.32	4.58	3,640.06
	08/14/06		38.92	45.05	6.13	3,639.73
	11/28/06		38.39	44.35	5.96	3,640.27
	12/12/06		38.32	44.91	6.59	3,640.28

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
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)	Corrected Groundwater Elevation* (feet-amsl)
MW-6	10/13/03	3,680.63	40.04	50.12	10.08	3,639.58
	12/11/03		40.01	48.43	8.42	3,639.78
	12/15/03		39.92	48.33	8.41	3,639.87
	02/18/04		39.63	47.81	8.18	3,640.18
	03/12/04		39.68	47.51	7.83	3,640.17
	03/29/04		39.67	46.50	6.83	3,640.28
	04/29/04		40.18	44.76	4.58	3,639.99
	05/03/04		39.66	46.63	6.97	3,640.27
	07/12/04		40.52	47.68	7.16	3,639.39
	12/09/04		38.11	45.06	6.95	3,641.83
	02/16/05		36.25	44.44	8.19	3,643.56
	02/22/05		37.25	44.44	7.19	3,642.66
	03/31/05		37.52	44.15	6.63	3,642.45
	05/13/05		37.46	44.75	7.29	3,642.44
	05/26/05		37.71	43.31	5.60	3,642.36
	06/28/05		37.62	44.18	6.56	3,642.35
	08/15/05		38.09	42.77	4.68	3,642.07
	11/14/05		38.64	43.31	4.67	3,641.52
	01/23/06		39.08	42.67	3.59	3,641.19
	03/02/06		38.85	41.45	2.60	3,641.52
	06/01/06		40.06	41.84	1.78	3,640.39
	08/14/06		40.19	44.64	4.45	3,640.00
	11/28/06		39.36	44.31	4.95	3,640.78
	12/12/06		39.32	43.81	4.49	3,640.86

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
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)	Corrected Groundwater Elevation* (feet-amsl)
MW-7	01/23/04	3,679.85	nd	39.64	na	3,640.21
	04/29/04		nd	39.29	na	3,640.56
	05/12/04		nd	39.29	na	3,640.56
	06/03/04		nd	39.27	na	3,640.58
	07/12/04		nd	40.42	na	3,639.43
	07/19/04		nd	40.68	na	3,639.17
	11/08/04		nd	38.66	na	3,641.19
	03/31/05		nd	37.07	na	3,642.78
	05/13/05		nd	37.10	na	3,642.75
	05/23/05		nd	37.09	na	3,642.76
	05/26/05		nd	37.13	na	3,642.69
	06/28/05		nd	37.16	na	3,642.69
	08/15/05		nd	37.32	na	3,642.45
	08/17/05		nd	37.26	na	3,642.59
	11/14/05		nd	37.40	na	3,642.45
	01/23/06		nd	38.12	na	3,641.73
	03/02/06		nd	37.49	na	3,642.36
	06/01/06		nd	38.40	na	3,641.45
	08/14/06		nd	39.50	na	3,640.35
	11/28/06		nd	38.61	na	3,641.24
	12/12/06		nd	38.62	na	3,641.23

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
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)	Corrected Groundwater Elevation* (feet-amsl)
MW-8	01/23/04	3,679.07	nd	39.56	na	3,639.51
	04/29/04		nd	39.33	na	3,639.74
	05/12/04		nd	39.34	na	3,639.73
	06/03/04		nd	39.32	na	3,639.75
	07/12/04		nd	40.13	na	3,638.94
	07/19/04		nd	40.32	na	3,638.75
	11/08/04		nd	39.60	na	3,639.47
	03/31/05		nd	37.11	na	3,641.96
	05/13/05		nd	37.16	na	3,641.91
	05/23/05		nd	37.16	na	3,641.91
	05/26/05		nd	37.19	na	3,641.88
	06/28/05		nd	37.23	na	3,641.84
	08/15/05		nd	37.40	na	3,641.67
	08/17/05		nd	37.34	na	3,641.73
	11/14/05		nd	37.52	na	3,641.55
	01/23/06		nd	38.23	na	3,640.84
	03/02/06		nd	37.63	na	3,641.44
	06/01/06		nd	38.90	na	3,640.17
	08/14/06		nd	39.34	na	3,639.73
	11/28/06		nd	38.71	na	3,640.36
	12/12/06		nd	38.73	na	3,640.34

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
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)	Corrected Groundwater Elevation* (feet-amsl)
MW-9	01/23/04	3,678.76	nd	39.91	na	3,638.85
	04/29/04		nd	39.68	na	3,639.08
	05/12/04		nd	39.69	na	3,639.07
	06/03/04		nd	39.67	na	3,639.09
	07/12/04		nd	40.34	na	3,638.42
	07/19/04		nd	40.44	na	3,638.32
	11/08/04		nd	38.84	na	3,639.92
	03/31/05		nd	37.48	na	3,641.28
	05/13/05		nd	37.54	na	3,641.22
	05/23/05		nd	37.55	na	3,641.21
	05/26/05		nd	37.59	na	3,641.17
	06/28/05		nd	37.64	na	3,641.12
	08/15/05		nd	37.82	na	3,640.94
	08/17/05		nd	37.77	na	3,640.99
	11/14/05		nd	37.95	na	3,640.81
	01/23/06		nd	38.65	na	3,640.11
	03/02/06		nd	38.05	na	3,640.71
	06/01/06		nd	38.73	na	3,640.03
	08/14/06		nd	39.57	na	3,639.19
	11/28/06		nd	39.12	na	3,639.64
	12/12/06		nd	53.10	na	3,625.66

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
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)	Corrected Groundwater Elevation* (feet-amsl)
MW-10	01/23/04	3,678.36	nd	39.89	na	3,638.47
	04/29/04		nd	39.74	na	3,638.62
	05/12/04		nd	39.74	na	3,638.62
	06/03/04		nd	39.74	na	3,638.62
	07/12/04		nd	40.24	na	3,638.12
	07/19/04		nd	40.33	na	3,638.03
	11/08/04		nd	38.76	na	3,639.60
	03/31/05		nd	37.46	na	3,640.90
	05/13/05		nd	37.58	na	3,640.78
	05/23/05		nd	37.58	na	3,640.78
	05/26/05		nd	37.62	na	3,640.74
	06/28/05		nd	37.70	na	3,640.66
	08/15/05		nd	37.87	na	3,640.49
	08/17/05		nd	37.02	na	3,641.34
	11/14/05		nd	38.02	na	3,640.34
	01/23/06		nd	38.73	na	3,639.63
	03/02/06		nd	38.16	na	3,640.20
	06/01/06		nd	38.81	na	3,639.55
	08/14/06		nd	39.51	na	3,638.85
	11/28/06		nd	39.19	na	3,639.17
	12/12/06		nd	39.21	na	3,639.15

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
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)	Corrected Groundwater Elevation* (feet-amsl)
MW-11	01/23/04	3,678.03	nd	41.40	na	3,636.63
	04/29/04		nd	41.07	na	3,636.96
	05/12/04		nd	39.57	na	3,638.46
	06/03/04		nd	39.61	na	3,638.42
	07/12/04		nd	40.04	na	3,637.99
	07/19/04		nd	40.10	na	3,637.93
	11/08/04		nd	38.66	na	3,639.37
	03/31/05		nd	37.25	na	3,640.78
	05/13/05		nd	37.40	na	3,640.63
	05/23/05		nd	37.34	na	3,640.69
	05/26/05		nd	31.45	na	3,646.58
	06/28/05		nd	37.54	na	3,640.49
	08/15/05		nd	37.60	na	3,640.43
	08/17/05		nd	37.61	na	3,640.42
	11/14/05		nd	37.80	na	3,640.23
	01/23/06		nd	38.58	na	3,639.45
	03/02/06		nd	37.97	na	3,640.06
	06/01/06		nd	39.15	na	3,638.88
	08/14/06		nd	39.33	na	3,638.70
	11/28/06		nd	39.00	na	3,639.03
	12/12/06		nd	39.06	na	3,638.97

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
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)	Corrected Groundwater Elevation* (feet-amsl)
MW-12	01/23/04	3,679.63	39.49	45.30	5.81	3,639.56
	03/23/04		38.89	47.39	8.50	3,639.89
	03/29/04		38.86	47.33	8.47	3,639.92
	04/29/04		38.86	48.57	9.71	3,639.80
	05/03/04		38.83	46.63	7.80	3,640.02
	07/12/04		39.58	47.53	7.95	3,639.26
	12/09/04		37.50	44.28	6.78	3,641.45
	02/16/05		36.68	43.87	7.19	3,642.23
	03/31/05		36.95	42.97	6.02	3,642.08
	05/13/05		36.83	43.97	7.14	3,642.09
	05/26/05		36.95	43.71	6.76	3,642.00
	06/28/05		36.97	44.14	7.17	3,641.94
	08/15/05		37.25	43.60	6.35	3,641.75
	11/14/05		37.73	43.51	5.78	3,641.32
	01/23/06		38.08	44.34	6.26	3,640.92
	03/02/06		37.71	43.82	6.11	3,641.31
	06/01/06		38.87	44.25	5.38	3,640.22
	08/14/06		39.11	45.85	6.74	3,639.85
	11/28/06		38.64	44.91	6.27	3,640.36
	12/12/06		38.63	44.92	6.29	3,640.37

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
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)	Corrected Groundwater Elevation* (feet-amsl)
MW-13	01/23/04	3,681.42	nd	39.67	na	3,641.75
	04/29/04		nd	39.58	na	3,641.84
	05/12/04		nd	41.05	na	3,640.37
	06/03/04		nd	41.05	na	3,640.37
	07/12/04		nd	42.18	na	3,639.24
	07/19/04		nd	42.44	na	3,638.98
	11/08/04		nd	40.24	na	3,641.18
	03/31/05		nd	38.79	na	3,642.63
	05/13/05		nd	38.83	na	3,642.59
	05/23/05		nd	38.82	na	3,642.60
	05/26/05		nd	38.87	na	3,642.55
	06/28/05		nd	38.63	na	3,642.79
	08/15/05		nd	39.07	na	3,642.35
	08/17/05		nd	39.02	na	3,642.40
	11/14/05		nd	39.15	na	3,642.27
	01/23/06		nd	39.84	na	3,641.58
	03/02/06		nd	39.28	na	3,642.14
	06/01/06		nd	40.73	na	3,640.69
	08/14/06		nd	41.22	na	3,640.20
	11/28/06		nd	40.38	na	3,641.04
	12/12/06		nd	40.37	na	3,641.05

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
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)	Corrected Groundwater Elevation* (feet-amsl)
MW-14	06/03/04	3,679.00	39.16	42.87	3.71	3,639.47
	07/12/04		39.29	46.46	7.17	3,638.99
	07/19/04		39.45	46.59	7.14	3,638.84
	08/26/04		38.92	45.94	7.02	3,639.38
	12/09/04		37.11	43.08	5.97	3,641.29
	02/16/05		36.62	42.53	5.91	3,641.79
	03/31/05		36.34	43.32	6.98	3,641.96
	05/13/05		36.45	43.34	6.89	3,641.86
	05/26/05		36.48	45.27	8.79	3,641.64
	06/28/05		36.54	44.83	8.29	3,641.63
	08/15/05		37.14	41.59	4.45	3,641.42
	11/14/05		37.55	41.70	4.15	3,641.04
	01/23/06		37.85	42.74	4.89	3,640.66
	03/02/06		37.58	41.71	4.13	3,641.01
	06/01/06		38.84	41.75	2.91	3,639.87
	08/14/06		0.00	39.00	39.00	3,675.10
	11/28/06		38.30	43.55	5.25	3,640.18
	12/12/06		38.24	44.02	5.78	3,640.18

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
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)	Corrected Groundwater Elevation* (feet-amsl)
MW-15	06/03/04	3,674.92	nd	36.22	na	3,638.70
	07/12/04		nd	36.77	na	3,638.15
	07/19/04		nd	36.90	na	3,638.02
	11/08/04		nd	35.10	na	3,639.82
	03/31/05		nd	33.92	na	3,641.00
	05/13/05		nd	34.00	na	3,640.92
	05/23/05		nd	35.34	na	3,639.58
	05/26/05		nd	35.38	na	3,639.54
	06/28/05		nd	35.46	na	3,639.46
	08/15/05		nd	34.32	na	3,640.60
	08/17/05		nd	34.29	na	3,640.63
	11/14/05		nd	34.47	na	3,640.45
	01/23/06		nd	35.17	na	3,639.75
	03/02/06		nd	34.60	na	3,640.32
	06/01/06		nd	37.18	na	3,637.74
	08/10/06		nd	35.62	na	3,639.30
	11/28/06		nd	35.63	na	3,639.29
	12/12/06		nd	36.92	na	3,638.00

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
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)	Corrected Groundwater Elevation* (feet-amsl)
MW-16	06/03/04	3,676.86	nd	37.66	na	3,639.20
	07/12/04		nd	38.35	na	3,638.51
	07/19/04		nd	38.57	na	3,638.29
	11/08/04		nd	36.38	na	3,640.48
	03/31/05		nd	35.29	na	3,641.57
	05/13/05		nd	35.31	na	3,641.55
	05/23/05		nd	35.18	na	3,641.68
	05/26/05		nd	34.04	na	3,642.82
	06/28/05		nd	34.11	na	3,642.75
	08/15/05		nd	35.61	na	3,641.25
	08/17/05		nd	35.56	na	3,641.30
	11/14/05		nd	35.73	na	3,641.13
	01/23/06		nd	36.45	na	3,640.41
	03/02/06		nd	35.85	na	3,641.01
	06/01/06		nd	35.82	na	3,641.04
	08/14/06		nd	37.50	na	3,639.36
	11/28/06		nd	37.94	na	3,638.92
	12/12/06		nd	35.65	na	3,641.21

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
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)	Corrected Groundwater Elevation* (feet-amsl)
MW-17	06/03/04	3,679.01	39.66	42.05	2.39	3,639.11
	07/12/04		39.39	46.94	7.55	3,638.87
	07/19/04		39.50	46.97	7.47	3,638.76
	08/26/04		39.04	46.59	7.55	3,639.22
	12/09/04		37.11	44.60	7.49	3,641.15
	02/16/05		37.00	41.07	4.07	3,641.60
	03/31/05		36.49	44.13	7.64	3,641.76
	05/13/05		36.52	44.24	7.72	3,641.72
	05/26/05		36.72	44.28	7.56	3,641.53
	06/28/05		36.95	44.76	7.81	3,641.28
	08/15/05		37.25	42.35	5.10	3,641.25
	11/14/05		37.69	42.33	4.64	3,640.86
	01/23/06		38.15	43.41	5.26	3,640.33
	03/02/06		37.59	43.25	5.66	3,640.85
	06/01/06		38.95	42.48	3.53	3,639.71
	08/14/06		39.10	44.41	5.31	3,639.38
	11/28/06		38.49	44.04	5.55	3,639.97
	12/12/06		38.42	44.33	5.91	3,640.00

TABLE 1
GROUNDWATER ELEVATIONS AND
PHASE SEPARATED HYDROCARBON (PSH) THICKNESS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
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)	Corrected Groundwater Elevation* (feet-amsl)
MW-18	11/28/06		nd	35.64	na	
	12/12/06		nd	35.65	na	
MW-19	11/28/06		nd	35.55	na	
	12/12/06		nd	35.55	na	
MW-20	11/28/06		nd	35.61	na	
	12/12/06		nd	35.63	na	
Klein Irrigation Well	10/31/03	Well sampled but groundwater depth not measured.				
	11/08/04	Well sampled but groundwater depth not measured.				
	03/31/05	Well sampled but groundwater depth not measured.				
	03/02/06	Well sampled but groundwater depth not measured.				
	06/01/06	Well sampled but groundwater depth not measured.				
	08/14/06	Well not scheduled for sampling.				

PSH - Phase Separated Hydrocarbons
amsl - above mean sea level
btoc - below top of casing
na - not applicable
nd - not detected
Yellow highlight indicates a 2006 sampling event.
*Corrected Groundwater Elevation = Top of Casing Elevation - [Depth to Water Below Top of Casing - (SG)(PSH Thickness)].

Top of casing elevations referenced to groundwater monitoring well MW-3, which was assigned an elevation of 3,760 feet amsl.

- - = Not Detected
If the cell is blank, the well was not gauged.
BTOC = Below Top of Casing

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

All concentrations are in µg/L

Sample Location	Sample Date	Benzene	Ethyl-benzene	m,p-Xylenes	o-Xylene	Toluene
MW-1	03/02/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	06/01/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	08/14/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	11/28/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	03/02/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	06/01/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	08/14/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	11/28/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	03/02/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	06/01/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	08/14/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	11/28/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	03/02/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	06/01/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	08/14/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	11/28/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	03/02/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	06/01/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	08/14/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	11/28/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
MW-6	03/02/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	06/01/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	08/14/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	11/28/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	03/02/06	**92**	34	19.5	11.7	45.2
MW-8	03/02/06	**67.4**	30.3	17.2	11.7	34.8
MW-9	03/02/06	**53.8**	23.2	13.3	7.99	28.1
MW-10	03/02/06	**3,310**	61.5	73.0	7.03	23.2
	06/01/06	**1,110**	114	101	33.9	<1
	08/14/06	<1	<1	<2	<1	<1
	11/28/06	**294**	17.9	8.6	4.84	21.5
MW-11	03/02/06	**43,400**	**2,550**	**1,240**	**850**	**6,330**
	06/01/06	**24,100**	**811**	**526**	**369**	**1,860**
	08/14/06	**16,300**	**1,700**	**1,060**	**508**	**880**
	11/28/06	**22,000**	**1,820**	**1,010**	**343**	**1,200**
MW-12	03/02/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	06/01/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	08/14/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	11/28/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				

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

All concentrations are in µg/L

Sample Location	Sample Date	Benzene	Ethyl-benzene	m,p-Xylenes	o-Xylene	Toluene
MW-13	03/02/06	<1	<1	<2	<1	<1
MW-14	03/02/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	06/01/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	08/14/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	11/28/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
MW-15	03/02/06	**7,570**	295	207	111	406
	06/01/06	**23,200**	**1,040**	**619**	**432**	**2,250**
	08/14/06	1.32	<1	<2	<1	<1
	11/28/06	**18,600**	**955**	<100	<50	91.2
MW-16	03/02/06	**167**	47.6	27.3	19	65.4
	06/01/06	**27.9**	<1	<2	<1	1.55
	08/14/06	**10.6**	<1	<2	<1	<1
	11/28/06	**28.4**	<1	<2	<1	<1
MW-17	03/02/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	06/01/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	08/14/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
	11/28/06	Not sampled Due to Presence of Phase Separated Hydrocarbons				
MW-18	03/02/06	Well Installed 11/22/2006				
	06/01/06	Well Installed 11/22/2006				
	08/14/06	Well Installed 11/22/2006				
	11/28/06	<1	<1	<2	<1	<1
MW-19	03/02/06	Well Installed 11/22/2006				
	06/01/06	Well Installed 11/22/2006				
	08/14/06	Well Installed 11/22/2006				
	11/28/06	3.33	<1	<2	<1	<1
MW-20	03/02/06	Well Installed 11/22/2006				
	06/01/06	Well Installed 11/22/2006				
	08/14/06	Well Installed 11/22/2006				
	11/28/06	**15,700**	**875**	**481**	**184**	104
Klein Irrigation Well	06/09/06	<1	<1	<2	<1	<1
NMWQCC Remedial Limits		10	750	Total Xylenes 620		750

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

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

All concentrations are in µg/L

Sample Location	Sample Date	Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]-anthracene	Benzo[a]-pyrene	Benzo[b]-fluoranthene	Benzo[g,h,i]-perylene	Benzo[j,k]-fluoranthene	Chrysene	Dibenz[a,h]-anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]-pyrene	Naphthalene	Phenanthrene	Pyrene
MW-1	03/02/06	Not sampled Due to Presence of Phase Separated Hydrocarbons															
MW-2	03/02/06	Not sampled Due to Presence of Phase Separated Hydrocarbons															
MW-3	03/02/06	Not sampled Due to Presence of Phase Separated Hydrocarbons															
MW-4	03/02/06	Not sampled Due to Presence of Phase Separated Hydrocarbons															
MW-5	03/02/06	Not sampled Due to Presence of Phase Separated Hydrocarbons															
MW-6	03/02/06	Not sampled Due to Presence of Phase Separated Hydrocarbons															
MW-7	03/02/06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	1.95	<0.05	<0.05
MW-8	03/02/06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	1.08	<0.05	<0.05
MW-9	06/01/06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.15	<0.05	<0.05
MW-10	03/02/06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	2.94	0.078	<0.05
MW-11	03/02/06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.597	<0.05	37.8	0.545	<0.05
MW-12	03/02/06	Not sampled Due to Presence of Phase Separated Hydrocarbons															
MW-13	03/02/06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW-14	03/02/06	Not sampled Due to Presence of Phase Separated Hydrocarbons															
MW-15	03/02/06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.286	<0.05	16.5	0.219	<0.05
MW-16	03/02/06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.185	<0.05	<0.05
MW-17	03/02/06	Not sampled Due to Presence of Phase Separated Hydrocarbons															
NMWQCC Remedial Limits		30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0

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

APPENDIX C

Laboratory Analytical Reports and Chain of Custody Documentation

AnalySys Inc.
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 177444 **Report Date:** 03/20/06
Project ID: 2003-00017
Sample Name: MW-7
Sample Matrix: water
Date Received: 03/04/2006 **Time:** 08:30
Date Sampled: 03/02/2006 **Time:** 11:49

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
A/BN Extraction-PAH	---	---	---	---	03/09/06	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	03/11/06	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		03/10/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**92**	µg/L	1	<1	03/10/06	8260b	---	1.5	93.2	109.6	110.3
Ethylbenzene	**34**	µg/L	1	<1	03/10/06	8260b	---	2.9	104.3	108.7	111.7
m,p-Xylenes	**19.5**	µg/L	2	<2	03/10/06	8260b	---	5.2	106.8	105.2	107.5
o-Xylene	**11.7**	µg/L	1	<1	03/10/06	8260b	---	3.3	114.7	117.5	120.6
Toluene	**45.2**	µg/L	1	<1	03/10/06	8260b	---	0.4	110.3	108.7	111.8
Acenaphthene	<0.05	µg/L	0.05	<0.05	03/11/06	610 & 8270c	---	1.1	50.9	97.5	51.8
Acenaphthylene	<0.05	µg/L	0.05	<0.05	03/11/06	610 & 8270c	---	0.4	51.5	97.8	52.5
Anthracene	<0.05	µg/L	0.05	<0.05	03/11/06	610 & 8270c	---	1.2	51.1	98.4	54.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	03/11/06	610 & 8270c	---	21.5	50.6	94.9	58.6
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	03/11/06	610 & 8270c	---	34.3	43	99.4	60.7
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	03/11/06	610 & 8270c	---	31.9	42.8	97.6	59.2
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	03/11/06	610 & 8270c	P	41.4	34.7	103.6	61.8
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	03/11/06	610 & 8270c	---	34.9	43.9	100.4	62.9
Chrysene	<0.05	µg/L	0.05	<0.05	03/11/06	610 & 8270c	---	24.2	67.1	98.8	80.5
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	03/11/06	610 & 8270c	P	39.6	35.6	98.9	70.8
Fluoranthene	<0.05	µg/L	0.05	<0.05	03/11/06	610 & 8270c	---	3.9	54.2	91.4	54.7
Fluorene	<0.05	µg/L	0.05	<0.05	03/11/06	610 & 8270c	---	0.8	50.1	96.5	52
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	03/11/06	610 & 8270c	P	41.5	33.7	102.4	61.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S & S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00017
Sample Name: MW-7

Report#/Lab ID#: 177444
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Naphthalene	**1.95**	µg/L	0.05	<0.05	03/11/06	610 & 8270c	---	6.9	62.3	100.5	51.2
Phenanthrene	<0.05	µg/L	0.05	<0.05	03/11/06	610 & 8270c	---	2.2	47.8	87.9	49.9
Pyrene	<0.05	µg/L	0.05	<0.05	03/11/06	610 & 8270c	---	8.8	55.9	102.4	58.2

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Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 177444
Attn: Iain Olness	**Sample Name:** MW-7	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1-Fluoronaphthalene	610 & 8270c	53.6	20-120	03/11/06	---
2-Fluorobiphenyl	610 & 8270c	61	20-110	03/11/06	---
1,2-Dichloroethane-d4	8260b	111	70-130	03/10/06	---
Toluene-d8	8260b	96.9	80-125	03/10/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Report #/Lab ID#: 177444 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2003-00017
Sample Name: MW-7

Sample Temperature/Condition: <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation:

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion:

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzo[g,h,i]perylene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyseswhere MS/MSD are not run) is outside advisory/acceptance limits.
Dibenz[a,h]anthracene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyseswhere MS/MSD are not run) is outside advisory/acceptance limits.
Indeno[1,2,3-cd]pyrene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyseswhere MS/MSD are not run) is outside advisory/acceptance limits.

Notes:

ANALYSYS INC.
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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 177445 **Report Date:** 03/20/06
Project ID: 2003-00017
Sample Name: MW-8
Sample Matrix: water
Date Received: 03/04/2006 **Time:** 08:30
Date Sampled: 03/02/2006 **Time:** 12:03

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
A/BN Extraction-PAH	---	---	---	---	03/09/06	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	03/14/06	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		03/10/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**67.4**	µg/L	1	<1	03/10/06	8260b	---	1.5	93.2	109.6	110.3
Ethylbenzene	**30.3**	µg/L	1	<1	03/10/06	8260b	---	2.9	104.3	108.7	111.7
m,p-Xylenes	**17.2**	µg/L	2	<2	03/10/06	8260b	---	5.2	106.8	105.2	107.5
o-Xylene	**11.7**	µg/L	1	<1	03/10/06	8260b	---	3.3	114.7	117.5	120.6
Toluene	**34.8**	µg/L	1	<1	03/10/06	8260b	---	0.4	110.3	108.7	111.8
Acenaphthene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	4.1	52.3	99.1	54.4
Acenaphthylene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	1	48.9	99.3	53.4
Anthracene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	0.9	51.7	97	61.9
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	5.4	46.2	99.8	62.2
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	6.1	33.6	100.3	60.2
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	11.9	34.3	101.4	52.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	6.4	27.5	99.2	56.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	0.8	33.2	100.8	67.4
Chrysene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	5.8	56.7	100.7	81.8
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	7.3	33.9	100.7	65.5
Fluoranthene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	2.1	50.3	96.1	60.3
Fluorene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	2.9	53.5	97.6	57.1
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	6	27	99.8	58

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S & S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

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Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 177445
Attn: Iain Olness	**Sample Name:** MW-8	**Sample Matrix:** water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Naphthalene	**1.08**	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	8.9	42	98	50.9
Phenanthrene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	2.3	52.6	95.6	52.5
Pyrene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	4.2	50.1	99.1	59.6

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Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 177445
Attn: Iain Olness	**Sample Name:** MW-8	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1-Fluoronaphthalene	610 & 8270c	35.5	20-120	03/14/06	---
2-Fluorobiphenyl	610 & 8270c	40.6	20-110	03/14/06	---
1,2-Dichloroethane-d4	8260b	96.5	70-130	03/10/06	---
Toluene-d8	8260b	99.8	80-125	03/10/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

AnalySys Inc.
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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 177446 **Report Date:** 03/20/06
Project ID: 2003-00017
Sample Name: MW-9
Sample Matrix: water
Date Received: 03/04/2006 **Time:** 08:30
Date Sampled: 03/02/2006 **Time:** 12:16

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		03/10/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**53.8**	µg/L	1	<1	03/10/06	8260b	---	1.5	93.2	109.6	110.3
Ethylbenzene	**23.2**	µg/L	1	<1	03/10/06	8260b	---	2.9	104.3	108.7	111.7
m,p-Xylenes	**13.3**	µg/L	2	<2	03/10/06	8260b	---	5.2	106.8	105.2	107.5
o-Xylene	**7.99**	µg/L	1	<1	03/10/06	8260b	---	3.3	114.7	117.5	120.6
Toluene	**28.1**	µg/L	1	<1	03/10/06	8260b	---	0.4	110.3	108.7	111.8

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

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Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 177446
Attn: Iain Olness	**Sample Name:** MW-9	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1,2-Dichloroethane-d4	8260b	111	70-130	03/10/06	---
Toluene-d8	8260b	104	80-125	03/10/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

ANALYSYS INC
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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 177447 **Report Date:** 03/20/06
Project ID: 2003-00017
Sample Name: MW-10
Sample Matrix: water
Date Received: 03/04/2006 **Time:** 08:30
Date Sampled: 03/02/2006 **Time:** 12:31

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
A/BN Extraction-PAH	---	---	---	---	03/09/06	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	03/14/06	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		03/10/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**3310**	µg/L	200	<200	03/13/06	8260b	---	1.5	93.2	109.6	110.3
Ethylbenzene	**61.5**	µg/L	1	<1	03/10/06	8260b	---	2.9	104.3	108.7	111.7
m,p-Xylenes	**73**	µg/L	2	<2	03/10/06	8260b	---	5.2	106.8	105.2	107.5
o-Xylene	**7.03**	µg/L	1	<1	03/10/06	8260b	---	3.3	114.7	117.5	120.6
Toluene	**23.2**	µg/L	1	<1	03/10/06	8260b	---	0.4	110.3	108.7	111.8
Acenaphthene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	4.1	52.3	99.1	54.4
Acenaphthylene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	1	48.9	99.3	53.4
Anthracene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	0.9	51.7	97	61.9
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	5.4	46.2	99.8	62.2
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	6.1	33.6	100.3	60.2
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	11.9	34.3	101.4	52.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	6.4	27.5	99.2	56.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	0.8	33.2	100.8	67.4
Chrysene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	5.8	56.7	100.7	81.8
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	7.3	33.9	100.7	65.5
Fluoranthene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	2.1	50.3	96.1	60.3
Fluorene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	J	2.9	53.5	97.6	57.1
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	6	27	99.8	58

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S & S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

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Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00017
Sample Name: MW-10

Report#/Lab ID#: 177447
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Naphthalene	**2.94**	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	8.9	42	98	50.9
Phenanthrene	**0.078**	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	2.3	52.6	95.6	52.5
Pyrene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	4.2	50.1	99.1	59.6

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Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 177447
Attn: Iain Olness	**Sample Name:** MW-10	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1-Fluoronaphthalene	610 & 8270c	31.7	20-120	03/14/06	---
2-Fluorobiphenyl	610 & 8270c	36	20-110	03/14/06	---
1,2-Dichloroethane-d4	8260b	94.4	70-130	03/10/06	---
Toluene-d8	8260b	98.7	80-125	03/10/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 177447 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2003-00017
Sample Name: MW-10

Sample Temperature/Condition: <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation:

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion:

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Fluorene	J	See J-flag discussion above.

Notes: _____

_____

_____

ANALYSYS INC.
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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 177448 **Report Date:** 03/20/06
Project ID: 2003-00017
Sample Name: MW-11
Sample Matrix: water
Date Received: 03/04/2006 **Time:** 08:30
Date Sampled: 03/02/2006 **Time:** 10:55

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
A/BN Extraction-PAH	---	---	---	---	03/09/06	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	03/14/06	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		03/15/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**43400**	µg/L	500	<500	03/15/06	8260b	---	0.5	91.9	91.6	91.6
Ethylbenzene	**2550**	µg/L	500	<500	03/15/06	8260b	---	1.2	102	99.7	99.9
m,p-Xylenes	**1240**	µg/L	1000	<1000	03/15/06	8260b	---	0.7	102.4	98.8	99.9
o-Xylene	**850**	µg/L	500	<500	03/15/06	8260b	---	1.7	110.7	105.2	108.3
Toluene	**6330**	µg/L	500	<500	03/15/06	8260b	---	0.7	95.4	94.7	89.5
Acenaphthene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	4.1	52.3	99.1	54.4
Acenaphthylene	**0.072**	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	1	48.9	99.3	53.4
Anthracene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	0.9	51.7	97	61.9
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	5.4	46.2	99.8	62.2
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	6.1	33.6	100.3	60.2
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	11.9	34.3	101.4	52.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	6.4	27.5	99.2	56.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	0.8	33.2	100.8	67.4
Chrysene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	5.8	56.7	100.7	81.8
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	7.3	33.9	100.7	65.5
Fluoranthene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	2.1	50.3	96.1	60.3
Fluorene	**0.597**	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	2.9	53.5	97.6	57.1
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	6	27	99.8	58

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S & S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

ANALYSYS INC.
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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00017
Sample Name: MW-11

Report#/Lab ID#: 177448
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Naphthalene	**37.8**	µg/L	0.5	<0.5	03/15/06	610 & 8270c	---	8.9	42	98	50.9
Phenanthrene	**0.545**	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	2.3	52.6	95.6	52.5
Pyrene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	4.2	50.1	99.1	59.6

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Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 177448
Attn: Iain Olness	**Sample Name:** MW-11	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1-Fluoronaphthalene	610 & 8270c	**none/diluted**	diluted @ 10X	03/15/06	D
1-Fluoronaphthalene	610 & 8270c	25	20-120	03/14/06	---
2-Fluorobiphenyl	610 & 8270c	**none/diluted**	diluted @ 10X	03/15/06	D
2-Fluorobiphenyl	610 & 8270c	42.4	20-110	03/14/06	---
1,2-Dichloroethane-d4	8260b	99.4	70-130	03/15/06	---
Toluene-d8	8260b	108	80-125	03/15/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 177448 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2003-00017
Sample Name: MW-11

Sample Temperature/Condition: <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation:

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion:

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
1-Fluoronaphthalene	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels).
1-Fluoronaphthalene	D	Surrogate recoveries not accurately quantifiable.
2-Fluorobiphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels).
2-Fluorobiphenyl	D	Surrogate recoveries not accurately quantifiable.

Notes: _____

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 177449 **Report Date:** 03/20/06
Project ID: 2003-00017
Sample Name: MW-13
Sample Matrix: water
Date Received: 03/04/2006 **Time:** 08:30
Date Sampled: 03/02/2006 **Time:** 10:08

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
A/BN Extraction-PAH	---	---	---	---	03/09/06	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	03/17/06	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		03/15/06	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	03/15/06	8260b	J	0.5	91.9	91.6	91.6
Ethylbenzene	<1	µg/L	1	<1	03/15/06	8260b	---	1.2	102	99.7	99.9
m,p-Xylenes	<2	µg/L	2	<2	03/15/06	8260b	J	0.7	102.4	98.8	99.9
o-Xylene	<1	µg/L	1	<1	03/15/06	8260b	---	1.7	110.7	105.2	108.3
Toluene	<1	µg/L	1	<1	03/15/06	8260b	---	0.7	95.4	94.7	89.5
Acenaphthene	<0.05	µg/L	0.05	<0.05	03/17/06	610 & 8270c	---	4.1	52.3	99.1	54.4
Acenaphthylene	<0.05	µg/L	0.05	<0.05	03/17/06	610 & 8270c	---	1	48.9	99.3	53.4
Anthracene	<0.05	µg/L	0.05	<0.05	03/17/06	610 & 8270c	---	0.9	51.7	97	61.9
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	03/17/06	610 & 8270c	---	5.4	46.2	99.8	62.2
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	03/17/06	610 & 8270c	---	6.1	33.6	100.3	60.2
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	03/17/06	610 & 8270c	---	11.9	34.3	101.4	52.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	03/17/06	610 & 8270c	---	6.4	27.5	99.2	56.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	03/17/06	610 & 8270c	---	0.8	33.2	100.8	67.4
Chrysene	<0.05	µg/L	0.05	<0.05	03/17/06	610 & 8270c	---	5.8	56.7	100.7	81.8
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	03/17/06	610 & 8270c	---	7.3	33.9	100.7	65.5
Fluoranthene	<0.05	µg/L	0.05	<0.05	03/17/06	610 & 8270c	---	2.1	50.3	96.1	60.3
Fluorene	<0.05	µg/L	0.05	<0.05	03/17/06	610 & 8270c	---	2.9	53.5	97.6	57.1
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	03/17/06	610 & 8270c	---	6	27	99.8	58

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S & S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

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Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 177449
Attn: Iain Olness	**Sample Name:** MW-13	**Sample Matrix:** water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Naphthalene	<0.05	µg/L	0.05	<0.05	03/17/06	610 & 8270c	---	8.9	42	98	50.9
Phenanthrene	<0.05	µg/L	0.05	<0.05	03/17/06	610 & 8270c	---	2.3	52.6	95.6	52.5
Pyrene	<0.05	µg/L	0.05	<0.05	03/17/06	610 & 8270c	---	4.2	50.1	99.1	59.6

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Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 177449
Attn: Iain Olness	**Sample Name:** MW-13	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1-Fluoronaphthalene	610 & 8270c	28.9	20-120	03/17/06	---
2-Fluorobiphenyl	610 & 8270c	36.1	20-110	03/17/06	---
1,2-Dichloroethane-d4	8260b	100	70-130	03/15/06	---
Toluene-d8	8260b	97.4	80-125	03/15/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 177449 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2003-00017
Sample Name: MW-13

Sample Temperature/Condition: <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation:

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J flag Discussion:

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.
m,p-Xylenes	J	See J-flag discussion above.

Notes:

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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 177450 **Report Date:** 03/20/06
Project ID: 2003-00017
Sample Name: MW-15
Sample Matrix: water
Date Received: 03/04/2006 **Time:** 08:30
Date Sampled: 03/02/2006 **Time:** 11:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
A/BN Extraction-PAH	---	---	---	---	03/09/06	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	03/14/06	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		03/15/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**7570**	µg/L	100	<100	03/15/06	8260b	---	0.5	91.9	91.6	91.6
Ethylbenzene	**295**	µg/L	100	<100	03/15/06	8260b	---	1.2	102	99.7	99.9
m,p-Xylenes	**207**	µg/L	200	<200	03/15/06	8260b	---	0.7	102.4	98.8	99.9
o-Xylene	**111**	µg/L	100	<100	03/15/06	8260b	---	1.7	110.7	105.2	108.3
Toluene	**406**	µg/L	100	<100	03/15/06	8260b	---	0.7	95.4	94.7	89.5
Acenaphthene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	4.1	52.3	99.1	54.4
Acenaphthylene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	J	1	48.9	99.3	53.4
Anthracene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	0.9	51.7	97	61.9
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	5.4	46.2	99.8	62.2
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	6.1	33.6	100.3	60.2
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	11.9	34.3	101.4	52.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	6.4	27.5	99.2	56.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	0.8	33.2	100.8	67.4
Chrysene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	5.8	56.7	100.7	81.8
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	7.3	33.9	100.7	65.5
Fluoranthene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	2.1	50.3	96.1	60.3
Fluorene	**0.286**	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	2.9	53.5	97.6	57.1
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	6	27	99.8	58

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

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Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 177450
Attn: Iain Olness	**Sample Name:** MW-15	**Sample Matrix:** water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Naphthalene	**16.5**	µg/L	0.5	<0.5	03/15/06	610 & 8270c	---	8.9	42	98	50.9
Phenanthrene	**0.219**	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	2.3	52.6	95.6	52.5
Pyrene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	4.2	50.1	99.1	59.6

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Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 177450
Attn: Iain Olness	**Sample Name:** MW-15	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1-Fluoronaphthalene	610 & 8270c	**none/diluted**	diluted @ 10X	03/15/06	D
1-Fluoronaphthalene	610 & 8270c	40.3	20-120	03/14/06	---
2-Fluorobiphenyl	610 & 8270c	**none/diluted**	diluted @ 10X	03/15/06	D
2-Fluorobiphenyl	610 & 8270c	42.1	20-110	03/14/06	---
1,2-Dichloroethane-d4	8260b	97.8	70-130	03/15/06	---
Toluene-d8	8260b	106	80-125	03/15/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 177450 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2003-00017
Sample Name: MW-15

Sample Temperature/Condition: <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Acenaphthylene	J	See J-flag discussion above.
1-Fluoronaphthalene	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels).
1-Fluoronaphthalene	D	Surrogate recoveries not accurately quantifiable.
2-Fluorobiphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels).
2-Fluorobiphenyl	D	Surrogate recoveries not accurately quantifiable.

Notes:

AnalySys Inc.
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 177451 **Report Date:** 03/20/06
Project ID: 2003-00017
Sample Name: MW-16
Sample Matrix: water
Date Received: 03/04/2006 **Time:** 08:30
Date Sampled: 03/02/2006 **Time:** 11:35

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
A/BN Extraction-PAH	---	---	---	---	03/09/06	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	03/14/06	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		03/10/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**167**	µg/L	1	<1	03/10/06	8260b	---	1.5	93.2	109.6	110.3
Ethylbenzene	**47.6**	µg/L	1	<1	03/10/06	8260b	---	2.9	104.3	108.7	111.7
m,p-Xylenes	**27.3**	µg/L	2	<2	03/10/06	8260b	---	5.2	106.8	105.2	107.5
o-Xylene	**19**	µg/L	1	<1	03/10/06	8260b	---	3.3	114.7	117.5	120.6
Toluene	**65.4**	µg/L	1	<1	03/10/06	8260b	---	0.4	110.3	108.7	111.8
Acenaphthene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	4.1	52.3	99.1	54.4
Acenaphthylene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	1	48.9	99.3	53.4
Anthracene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	0.9	51.7	97	61.9
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	5.4	46.2	99.8	62.2
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	6.1	33.6	100.3	60.2
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	11.9	34.3	101.4	52.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	6.4	27.5	99.2	56.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	0.8	33.2	100.8	67.4
Chrysene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	5.8	56.7	100.7	81.8
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	7.3	33.9	100.7	65.5
Fluoranthene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	2.1	50.3	96.1	60.3
Fluorene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	2.9	53.5	97.6	57.1
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	6	27	99.8	58

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S & S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

ANALYSYS INC.
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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00017
Sample Name: MW-16

Report#/Lab ID#: 177451
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Naphthalene	**0.185**	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	8.9	42	98	50.9
Phenanthrene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	2.3	52.6	95.6	52.5
Pyrene	<0.05	µg/L	0.05	<0.05	03/14/06	610 & 8270c	---	4.2	50.1	99.1	59.6

ANALYSYS INC.
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 177451
Attn: Iain Olness	**Sample Name:** MW-16	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1-Fluoronaphthalene	610 & 8270c	**16.3**	20-120	03/14/06	X
2-Fluorobiphenyl	610 & 8270c	**16.4**	20-110	03/14/06	X
1,2-Dichloroethane-d4	8260b	110	70-130	03/10/06	---
Toluene-d8	8260b	103	80-125	03/10/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Report #/Lab ID#: 177451 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2003-00017
Sample Name: MW-16

Sample Temperature/Condition: <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation:

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion:

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
1-Fluoronaphthalene	X	Surrogate recovery outside advisory/acceptance limits. Typically verified by reanalysis or reextraction & reanalysis. In some well known matrices (sample
1-Fluoronaphthalene	X	sources with known interferences) and for some conditions, reextraction and/or reanalysis may be at analysts discretion. Minimally elevated surrog. recovery
1-Fluoronaphthalene	X	indicating the potential for a slightly high bias is typically considered acceptable where there are no quantifiable target analytes found.
2-Fluorobiphenyl	X	Surrogate recovery outside advisory/acceptance limits. Typically verified by reanalysis or reextraction & reanalysis. In some well known matrices (sample
2-Fluorobiphenyl	X	sources with known interferences) and for some conditions, reextraction and/or reanalysis may be at analysts discretion. Minimally elevated surrog. recovery
2-Fluorobiphenyl	X	indicating the potential for a slightly high bias is typically considered acceptable where there are no quantifiable target analytes found.

Notes: _____

 14802

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
(505) 394-3481 FAX: (505) 394-2601

Chain of Custody Form

LAB: Analysis

Company Name	Environmental Plus, Inc.
EPI Project Manager	Iain Olness
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Plains Pipeline
Facility Name	Hobbs Jct. Mainline
Location	UL-M, Sec. 26, T 18 S, R 37 E
Project Reference	2003-00017
EPI Sampler Name	George Blackburn

Bill To

PLAINS ALL AMERICAN PIPELINE, L.P.

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

ANALYSIS REQUEST

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES ($SO_4^{=}$)	pH	TCLP	OTHER >>>	PAH
177444	1 MW-7		6	X						X	X		02-Mar-06	11:49	X							X
177445	2 MW-8		6	X						X	X		02-Mar-06	12:03	X							X
177446	3 MW-9		6	X						X	X		02-Mar-06	12:16	X							~~X~~
177447	4 MW-10		6	X						X	X		02-Mar-06	12:31	X							X
	5																					
	6																					
	7																					
	8																					
	9																					
	10																					

Sampler Relinquished: Iain Olness	Date: 3/3/06 Time: 16:30	Received By: [signature] AT 3-4-06 8:30AM	E-mail results to: iolness@envplus.net and cjreynolds@paalp.com
Relinquished by:	Date / Time	Received By: (lab staff)	REMARKS: Temp: 2.0°
Delivered by:	Sample Cool & Intact Yes No	Checked By:	

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
(505) 394-3481 FAX: (505) 394-2601

Chain of Custody Form

LAB: Analysis

Company Name	Environmental Plus, Inc.
EPI Project Manager	Iain Olness
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Plains Pipeline
Facility Name	Hobbs Jct. Mainline
Location	UL-M, Sec. 26, T 18 S, R 37 E
Project Reference	2003-00017
EPI Sampler Name	George Blackburn

Bill To

PLAINS ALL AMERICAN PIPELINE, L.P.

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

ANALYSIS REQUEST

LAB I.D.		SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^{=}$)	pH	TCLP	OTHER >>>	PAH			
177448	1	MW-11		6	X						X	X		02-Mar-06	10:55	X							X			
177449	2	MW-13		6	X						X	X		02-Mar-06	10:08	X							X			
177450	3	MW-15		6	X						X	X		02-Mar-06	11:15	X							X			
177451	4	MW-16		6	X						X	X		02-Mar-06	11:35	X							X			
	5																									
	6																									
	7																									
	8																									
	9																									
	10																									

Sampler Relinquished: Iain Olness	Date 3/3/06 Time 1630	Received By: [illegible]	3-4-06 8:30a
Relinquished by:	Date / Time	Received By: (lab staff)	
Delivered by:	Sample Cool & Intact Yes No	Checked By:	

E-mail results to: iolness@envplus.net and cjreynolds@paalp.com

REMARKS: Temp: 2.0°C

ANALYSYS INC.
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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 180979 **Report Date:** 06/09/06
Project ID: 2003-00017
Sample Name: MW-9
Sample Matrix: water
Date Received: 06/02/2006 **Time:** 14:30
Date Sampled: 06/01/2006 **Time:** 08:17

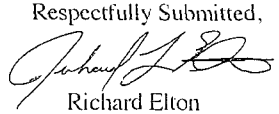
REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	06/05/06	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	06/08/06	610 & 8270c	---	---	---	---	---
Acenaphthene	<0.05	µg/L	0.05	<0.05	06/08/06	610 & 8270c	---	2.9	27.8	106.9	38.2
Acenaphthylene	<0.05	µg/L	0.05	<0.05	06/08/06	610 & 8270c	---	1.1	28.3	106.7	39
Anthracene	<0.05	µg/L	0.05	<0.05	06/08/06	610 & 8270c	---	0.7	36.8	105.4	42.5
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	06/08/06	610 & 8270c	---	0.1	36.7	104	52.7
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	06/08/06	610 & 8270c	---	1	30.1	104.3	49.5
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	06/08/06	610 & 8270c	---	3	32.5	109.6	51.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	06/08/06	610 & 8270c	---	2.3	13.5	108.9	43.9
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	06/08/06	610 & 8270c	---	0.8	31.5	108.9	51.9
Chrysene	<0.05	µg/L	0.05	<0.05	06/08/06	610 & 8270c	---	0.1	48.8	109.9	72.3
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	06/08/06	610 & 8270c	---	2.2	14.7	107.3	48
Fluoranthene	<0.05	µg/L	0.05	<0.05	06/08/06	610 & 8270c	---	0.4	38.8	105.9	50.4
Fluorene	<0.05	µg/L	0.05	<0.05	06/08/06	610 & 8270c	J	2.5	29.1	101.3	38.3
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	06/08/06	610 & 8270c	---	0.3	20.4	108.3	44.1
Naphthalene	**0.15**	µg/L	0.05	<0.05	06/08/06	610 & 8270c	---	0.2	23.8	99.5	34.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	06/08/06	610 & 8270c	J	0.3	37.1	105.4	41.8
Pyrene	<0.05	µg/L	0.05	<0.05	06/08/06	610 & 8270c	---	0.6	38.7	104.2	50.4

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,



Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S & S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

ANALYSYS INC
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 180979
Attn: Iain Olness	**Sample Name:** MW-9	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1-Fluoronaphthalene	610 & 8270c	47.1	20-120	06/08/06	---
2-Fluorobiphenyl	610 & 8270c	53.7	20-110	06/08/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 180979 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2003-00017
Sample Name: MW-9

Sample Temperature/Condition: <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation:

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion:

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Fluorene	J	See J-flag discussion above.
Phenanthrene	J	See J-flag discussion above.

Notes:

AnalySys Inc.
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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 180980 **Report Date:** 06/09/06
Project ID: 2003-00017
Sample Name: MW-10
Sample Matrix: water
Date Received: 06/02/2006 **Time:** 14:30
Date Sampled: 06/01/2006 **Time:** 08:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		06/08/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**1110**	µg/L	1	<1	06/08/06	8260b	---	1.6	91	95.3	97.1
Ethylbenzene	**114**	µg/L	1	<1	06/08/06	8260b	---	4.7	108.8	97.6	110.6
m,p-Xylenes	**101**	µg/L	2	<2	06/08/06	8260b	---	2.4	106.5	111.2	108.7
o-Xylene	**33.9**	µg/L	1	<1	06/08/06	8260b	---	3.7	104.2	103.8	108.4
Toluene	<1	µg/L	1	<1	06/08/06	8260b	J	2	95.5	93.8	101.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S & S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 180980
Attn: Iain Olness	**Sample Name:** MW-10	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	70-130	06/08/06	---
Toluene-d8	8260b	97.2	80-125	06/08/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Report #/Lab ID#: 180980 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2003-00017
Sample Name: MW-10

Sample Temperature/Condition: <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation:

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion:

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Toluene	J	See J-flag discussion above.

Notes:

ANALYSYS INC.
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 180981 **Report Date:** 06/09/06
Project ID: 2003-00017
Sample Name: MW-11
Sample Matrix: water
Date Received: 06/02/2006 **Time:** 14:30
Date Sampled: 06/01/2006 **Time:** 11:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		06/07/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**24100**	µg/L	500	<500	06/07/06	8260b	---	1.6	91	95.3	97.1
Ethylbenzene	**811**	µg/L	500	<500	06/07/06	8260b	---	4.7	108.8	97.6	110.6
m,p-Xylenes	**526**	µg/L	10	<10	06/08/06	8260b	---	2.4	106.5	111.2	108.7
o-Xylene	**369**	µg/L	5	<5	06/08/06	8260b	---	3.7	104.2	103.8	108.4
Toluene	**1860**	µg/L	500	<500	06/07/06	8260b	---	2	95.5	93.8	101.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S & S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

ANALYSYS INC.
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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 180981
Attn: Iain Olness	**Sample Name:** MW-11	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.9	70-130	06/07/06	---
Toluene-d8	8260b	94.1	80-125	06/07/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 180982 **Report Date:** 06/09/06
Project ID: 2003-00017
Sample Name: MW-15
Sample Matrix: water
Date Received: 06/02/2006 **Time:** 14:30
Date Sampled: 06/01/2006 **Time:** 10:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		06/07/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**23200**	µg/L	500	<500	06/08/06	8260b	---	1.6	91	95.3	97.1
Ethylbenzene	**1040**	µg/L	50	<50	06/07/06	8260b	---	4.7	108.8	97.6	110.6
m,p-Xylenes	**619**	µg/L	100	<100	06/07/06	8260b	---	2.4	106.5	111.2	108.7
o-Xylene	**432**	µg/L	50	<50	06/07/06	8260b	---	3.7	104.2	103.8	108.4
Toluene	**2250**	µg/L	50	<50	06/07/06	8260b	---	2	95.5	93.8	101.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S & S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 180982
Attn: Iain Olness	**Sample Name:** MW-15	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.1	70-130	06/07/06	---
Toluene-d8	8260b	93.3	80-125	06/07/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 180983 **Report Date:** 06/09/06
Project ID: 2003-00017
Sample Name: MW-16
Sample Matrix: water
Date Received: 06/02/2006 **Time:** 14:30
Date Sampled: 06/01/2006 **Time:** 10:45

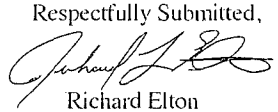
REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		06/08/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**27.9**	µg/L	1	<1	06/08/06	8260b	---	1.6	91	95.3	97.1
Ethylbenzene	<1	µg/L	1	<1	06/08/06	8260b	J	4.7	108.8	97.6	110.6
m,p-Xylenes	<2	µg/L	2	<2	06/08/06	8260b	J	2.4	106.5	111.2	108.7
o-Xylene	<1	µg/L	1	<1	06/08/06	8260b	J	3.7	104.2	103.8	108.4
Toluene	**1.55**	µg/L	1	<1	06/08/06	8260b	---	2	95.5	93.8	101.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,



Richard Elton

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 180983
Attn: Iain Olness	**Sample Name:** MW-16	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99	70-130	06/08/06	---
Toluene-d8	8260b	101	80-125	06/08/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 180983 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2003-00017
Sample Name: MW-16

Sample Temperature/Condition: <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation:

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion:

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Ethylbenzene	J	See J-flag discussion above.
m,p-Xylenes	J	See J-flag discussion above.
o-Xylene	J	See J-flag discussion above.

Notes: _____

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
(505) 394-3481 FAX: (505) 394-2601

Chain of Custody Form

LAB: Analysis

Company Name	Environmental Plus, Inc.
EPI Project Manager	Iain Olness
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Plains Pipeline
Facility Name	Hobbs Jct. Mainline
Location	UL-M, Sec. 26, T 18 S, R 37 E
Project Reference	2003-00017
EPI Sampler Name	Jacob Melancon

Bill To

PLAINS ALL AMERICAN PIPELINE, L.P.

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

	LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^=$)	pH	TCLP	OTHER >>>	PAH
1	180979	MW-9		4	X						X	X		01-Jun-06	8:17								X
2	180980	MW-10		4	X						X	X		01-Jun-06	8:00	X							
3	180981	MW-11		4	X						X	X		01-Jun-06	11:05	X							
4	180982	MW-15		4	X						X	X		01-Jun-06	10:20	X							
5	180983	MW-16		4	X						X	X		01-Jun-06	10:45	X							
6																							
7																							
8																							
9																							
10																							

Relinquished by: Iain Olness	Date: 01 June 2006 Time: 16:30	Received By:	E-mail results to: iolness@envplus.net and cjreynolds@paalp.com
Relinquished by:	Date: Time:	Received By: (lab staff) 6-2-06 1430	REMARKS:
Delivered by:	Sample Cool & Intact Yes No	Checked By:	T: 4.1°C

Environmental Plus, Inc.

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Chain of Custody Form

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Company Name	Environmental Plus, Inc.
EPI Project Manager	Iain Olness
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Plains Pipeline
Facility Name	Hobbs Jct. Mainline
Location	UL-M, Sec. 26, T 18 S, R 37 E
Project Reference	2003-00017
EPI Sampler Name	Jacob Melancon

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PLAINS ALL AMERICAN PIPELINE, L.P.

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

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^=$)	pH	TCLP	OTHER >>>	PAH			
1	MW-9		4	X						X	X		01-Jun-06	8:17	X										
2	MW-10		4	X						X	X		01-Jun-06	8:00	X										
3	MW-11		4	X						X	X		01-Jun-06	11:05	X										
4	MW-15		4	X						X	X		01-Jun-06	10:20	X										
5	MW-16		4	X						X	X		01-Jun-06	10:45	X										
6																									
7																									
8																									
9																									
10																									

Sampler Relinquished:	Date / Time	Received By:	E-mail results to: iolness@envplus.net and cjreynolds@paalp.com
Relinquished by:	Date / Time	Received By: (lab staff)	REMARKS:
Delivered by:	Sample Cool & Intact Yes No	Checked By:	

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
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Chain of Custody Form

LAB: Analysis

Company Name	Environmental Plus, Inc.
EPI Project Manager	Iain Olness
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Plains Pipeline
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Location	UL-M, Sec. 26, T 18 S, R 37 E
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EPI Sampler Name	Jacob Melancon

Bill To

PLAINS ALL AMERICAN PIPELINE, L.P.

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

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^=$)	pH	TCLP	OTHER >>>	PAH
1	MW-9		4	X						X	X		01-Jun-06	8:17								X
2	MW-10		4	X						X	X		01-Jun-06	8:00	X							
3	MW-11		4	X						X	X		01-Jun-06	11:05	X							
4	MW-15		4	X						X	X		01-Jun-06	10:20	X							
5	MW-16		4	X						X	X		01-Jun-06	10:45	X							
6																						
7																						
8																						
9																						
10																						

Relinquished by:	Date: 01 June 2006 Time: 16:30	Received By:	E-mail results to: iolness@envplus.net and cjreynolds@paalp.com
	Date Time	Received By: (lab staff)	REMARKS:
Delivered by:	Sample Cool & Intact: Yes No	Checked By:	

Environmental Plus, Inc.

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(505) 394-3481 FAX: (505) 394-2601

Chain of Custody Form

LAB: Analysis

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EPI Project Manager	Iain Olness
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
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Location	UL-M, Sec. 26, T 18 S, R 37 E
Project Reference	2003-00017
EPI Sampler Name	Jacob Melancon

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Attn: ENV Accounts Payable
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LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^=$)	pH	TCLP	OTHER >>>	PAH
1	MW-9		4	X						X	X		01-Jun-06	8:17								X
2	MW-10		4	X						X	X		01-Jun-06	8:00	X							
3	MW-11		4	X						X	X		01-Jun-06	11:05	X							
4	MW-15		4	X						X	X		01-Jun-06	10:20	X							
5	MW-16		4	X						X	X		01-Jun-06	10:45	X							
6																						
7																						
8																						
9																						
10																						

Iain Olness	Date: 01 June 2006 Time: 16:30	Received By:	E-mail results to: iolness@envplus.net and cjreynolds@paalp.com
Relinquished by:	Date: Time:	Received By: (lab staff)	REMARKS:
Delivered by:	Sample Cool & Intact: Yes No	Checked By:	

AnalySys Inc.
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 184235 **Report Date:** 08/24/06
Project ID: 2003-00017
Sample Name: MW-10
Sample Matrix: water
Date Received: 08/17/2006 **Time:** 09:45
Date Sampled: 08/14/2006 **Time:** 13:50

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		08/23/06	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/23/06	8260b	---	0.8	95.6	94.3	96.1
Ethylbenzene	<1	µg/L	1	<1	08/23/06	8260b	---	2.1	97.2	93.3	94.6
m,p-Xylenes	<2	µg/L	2	<2	08/23/06	8260b	---	2.6	95.2	91	93.3
o-Xylene	<1	µg/L	1	<1	08/23/06	8260b	---	3	96.6	92.5	95.1
Toluene	<1	µg/L	1	<1	08/23/06	8260b	---	1.5	95.5	92.6	96.4

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S & S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 184235
Attn: Iain Olness	**Sample Name:** MW-10	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	110	70-130	08/23/06	---
Toluene-d8	8260b	97.7	80-125	08/23/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

ANALYSYS INC.
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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 184236 **Report Date:** 08/24/06
Project ID: 2003-00017
Sample Name: MW-11
Sample Matrix: water
Date Received: 08/17/2006 **Time:** 09:45
Date Sampled: 08/14/2006 **Time:** 13:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		08/23/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**16300**	µg/L	100	<100	08/23/06	8260b	---	0.8	95.6	94.3	96.1
Ethylbenzene	**1700**	µg/L	100	<100	08/23/06	8260b	---	2.1	97.2	93.3	94.6
m,p-Xylenes	**1060**	µg/L	200	<200	08/23/06	8260b	---	2.6	95.2	91	93.3
o-Xylene	**508**	µg/L	100	<100	08/23/06	8260b	---	3	96.6	92.5	95.1
Toluene	**880**	µg/L	100	<100	08/23/06	8260b	---	1.5	95.5	92.6	96.4

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S & S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

ANALYSYS INC.
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 184236
Attn: Iain Olness	**Sample Name:** MW-11	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	102	70-130	08/23/06	---
Toluene-d8	8260b	99.3	80-125	08/23/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 184237 **Report Date:** 08/24/06
Project ID: 2003-00017
Sample Name: MW-15
Sample Matrix: water
Date Received: 08/17/2006 **Time:** 09:45
Date Sampled: 08/14/2006 **Time:** 14:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		08/23/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**1.32**	µg/L	1	<1	08/23/06	8260b	---	0.8	95.6	94.3	96.1
Ethylbenzene	<1	µg/L	1	<1	08/23/06	8260b	---	2.1	97.2	93.3	94.6
m,p-Xylenes	<2	µg/L	2	<2	08/23/06	8260b	---	2.6	95.2	91	93.3
o-Xylene	<1	µg/L	1	<1	08/23/06	8260b	J	3	96.6	92.5	95.1
Toluene	<1	µg/L	1	<1	08/23/06	8260b	---	1.5	95.5	92.6	96.4

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S & S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 184237
Attn: Iain Olness	**Sample Name:** MW-15	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	104	70-130	08/23/06	---
Toluene-d8	8260b	99.9	80-125	08/23/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 184237 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2003-00017
Sample Name: MW-15

Sample Temperature/Condition: <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation:

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion:

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
o-Xylene	J	See J-flag discussion above.

Notes:

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Client: Environmental Plus, Inc.
Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 184238 **Report Date:** 08/24/06
Project ID: 2003-00017
Sample Name: MW-16
Sample Matrix: water
Date Received: 08/17/2006 **Time:** 09:45
Date Sampled: 08/14/2006 **Time:** 14:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		08/23/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**10.6**	µg/L	1	<1	08/23/06	8260b	---	0.8	95.6	94.3	96.1
Ethylbenzene	<1	µg/L	1	<1	08/23/06	8260b	---	2.1	97.2	93.3	94.6
m,p-Xylenes	<2	µg/L	2	<2	08/23/06	8260b	---	2.6	95.2	91	93.3
o-Xylene	<1	µg/L	1	<1	08/23/06	8260b	J	3	96.6	92.5	95.1
Toluene	<1	µg/L	1	<1	08/23/06	8260b	---	1.5	95.5	92.6	96.4

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S & S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

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Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 184238
Attn: Iain Olness	**Sample Name:** MW-16	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	105	70-130	08/23/06	---
Toluene-d8	8260b	99.1	80-125	08/23/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 184238 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2003-00017
Sample Name: MW-16

Sample Temperature/Condition: <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation:

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion:

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
o-Xylene	J	See J-flag discussion above.

Notes: _____

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
(505) 394-3481 FAX: (505) 394-2601

Chain of Custody Form

LAB: Analysis

Company Name	Environmental Plus, Inc.
EPI Project Manager	Iain Olness
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Plains Pipeline
Facility Name	Hobbs Jct. Mainline
Location	UL-M, Sec. 26, T 18 S, R 37 E
Project Reference	2003-00017
EPI Sampler Name	Jacob Melancon

Bill To

PLAINS ALL AMERICAN PIPELINE, L.P.

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

	LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES ($SO_4^=$)	pH	TCLP	OTHER >>>	PAH			
1	184235	MW-10		4	X						X	X		14-Aug-06	1:50	X										
2	184236	MW-11		4	X						X	X		14-Aug-06	1:15	X										
3	184237	MW-15		4	X						X	X		14-Aug-06	2:05	X										
4	184238	MW-16		4	X						X	X		14-Aug-06	2:25	X										
5																										
6																										
7																										
8																										
9																										
10																										

Sampler Relinquished:	Date 8.14.06 Time 3:00	Received By:	E-mail results to: pmccasland@envplus.net and cjreynolds@paalp.com
Relinquished by:	Date Time	Received By: (lab staff) 8-14-06 0930	REMARKS:
Delivered by:	Sample Cool & Intact Yes No	Checked By:	T: 4.5°C

AnalySys Inc.
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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: David P. Duncan
Address: PO Box 1558
Eunice NM 88231

Phone: 505-394-3481 **FAX:** 505-394-2601

Report#/Lab ID#: 188904 **Report Date:** 12/11/06
Project ID: 2003-00017
Sample Name: MW-10
Sample Matrix: water
Date Received: 12/02/2006 **Time:** 10:00
Date Sampled: 11/28/2006 **Time:** 12:51

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/05/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**294**	µg/L	1	<1	12/05/06	8260b	---	7.5	98.1	101.3	99.2
Ethylbenzene	**17.9**	µg/L	1	<1	12/05/06	8260b	---	8.6	110.2	115.3	109.6
m,p-Xylenes	**8.6**	µg/L	2	<2	12/05/06	8260b	---	8.7	112.7	118	111.3
o-Xylene	**4.84**	µg/L	1	<1	12/05/06	8260b	---	9	102.5	106.2	101.5
Toluene	**21.5**	µg/L	1	<1	12/05/06	8260b	---	8	108.4	101.9	108.6

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

A. C. Hurd, Technical Director (or designee)

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ANALYSYS INC.
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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 188904
Attn: David P. Duncan	**Sample Name:** MW-10	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.6	70-130	12/05/06	---
Toluene-d8	8260b	109	80-125	12/05/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: David P. Duncan
Address: PO Box 1558
Eunice NM 88231

Phone: 505-394-3481 **FAX:** 505-394-2601

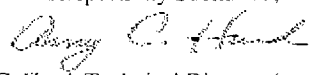
Report#/Lab ID#: 188905 **Report Date:** 12/11/06
Project ID: 2003-00017
Sample Name: MW-11
Sample Matrix: water
Date Received: 12/02/2006 **Time:** 10:00
Date Sampled: 11/28/2006 **Time:** 13:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/06/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**22000**	µg/L	50	<50	12/06/06	8260b	---	2.3	97.2	90.5	100.6
Ethylbenzene	**1820**	µg/L	50	<50	12/06/06	8260b	---	1.8	106.7	107	109.4
m,p-Xylenes	**1010**	µg/L	100	<100	12/06/06	8260b	---	2.6	109	107.5	110.6
o-Xylene	**343**	µg/L	50	<50	12/06/06	8260b	---	12.9	109.7	101.4	102.1
Toluene	**1200**	µg/L	50	<50	12/06/06	8260b	---	11.4	96.7	90.4	92.5

Respectfully Submitted,



A. C. Hurd, Technical Director (or designee)

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 188905
Attn: David P. Duncan	**Sample Name:** MW-11	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.7	70-130	12/06/06	---
Toluene-d8	8260b	103	80-125	12/06/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

ANALYSYS INC.
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: David P. Duncan
Address: PO Box 1558
Eunice NM 88231

Phone: 505-394-3481 **FAX:** 505-394-2601

Report#/Lab ID#: 188906 **Report Date:** 12/11/06
Project ID: 2003-00017
Sample Name: MW-15
Sample Matrix: water
Date Received: 12/02/2006 **Time:** 10:00
Date Sampled: 11/28/2006 **Time:** 11:47

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/06/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**18600**	µg/L	50	<50	12/06/06	8260b	---	2.3	97.2	90.5	100.6
Ethylbenzene	**955**	µg/L	50	<50	12/06/06	8260b	---	1.8	106.7	107	109.4
m,p-Xylenes	<100	µg/L	100	<100	12/06/06	8260b	J	2.6	109	107.5	110.6
o-Xylene	<50	µg/L	50	<50	12/06/06	8260b	J	12.9	109.7	101.4	102.1
Toluene	**91.2**	µg/L	50	<50	12/06/06	8260b	---	11.4	96.7	90.4	92.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

A. C. Hurd, Technical Director (or designee)

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 188906
Attn: David P. Duncan	**Sample Name:** MW-15	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93	70-130	12/06/06	---
Toluene-d8	8260b	102	80-125	12/06/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Report #/Lab ID#: 188906 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** David P. Duncan
Project ID: 2003-00017
Sample Name: MW-15

Sample Temperature/Condition: <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation:

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion:

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
m,p-Xylenes	J	See J-flag discussion above.
o-Xylene	J	See J-flag discussion above.

Notes:

ANALYSYS INC.
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: David P. Duncan
Address: PO Box 1558
Eunice NM 88231
Phone: 505-394-3481 **FAX:** 505-394-2601

Report#/Lab ID#: 188907 **Report Date:** 12/11/06
Project ID: 2003-00017
Sample Name: MW-16
Sample Matrix: water
Date Received: 12/02/2006 **Time:** 10:00
Date Sampled: 11/28/2006 **Time:** 11:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/05/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**28.4**	µg/L	1	<1	12/05/06	8260b	---	7.5	98.1	101.3	99.2
Ethylbenzene	<1	µg/L	1	<1	12/05/06	8260b	---	8.6	110.2	115.3	109.6
m,p-Xylenes	<2	µg/L	2	<2	12/05/06	8260b	---	8.7	112.7	118	111.3
o-Xylene	<1	µg/L	1	<1	12/05/06	8260b	---	9	102.5	106.2	101.5
Toluene	<1	µg/L	1	<1	12/05/06	8260b	J	8	108.4	101.9	108.6

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

A. C. Hurd, Technical Director (or designee)

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S & S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

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Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 188907
Attn: David P. Duncan	**Sample Name:** MW-16	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.4	70-130	12/05/06	---
Toluene-d8	8260b	110	80-125	12/05/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Report #/Lab ID#: 188907 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** David P. Duncan
Project ID: 2003-00017
Sample Name: MW-16

Sample Temperature/Condition: <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation:

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
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J flag Discussion:

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Toluene	J	See J-flag discussion above.

Notes:

AnalySys Inc.
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: David P. Duncan
Address: PO Box 1558
Eunice NM 88231

Phone: 505-394-3481 **FAX:** 505-394-2601

Report#/Lab ID#: 188908 **Report Date:** 12/11/06
Project ID: 2003-00017
Sample Name: MW-18
Sample Matrix: water
Date Received: 12/02/2006 **Time:** 10:00
Date Sampled: 11/28/2006 **Time:** 11:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/05/06	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/05/06	8260b	J	7.5	98.1	101.3	99.2
Ethylbenzene	<1	µg/L	1	<1	12/05/06	8260b	---	8.6	110.2	115.3	109.6
m,p-Xylenes	<2	µg/L	2	<2	12/05/06	8260b	---	8.7	112.7	118	111.3
o-Xylene	<1	µg/L	1	<1	12/05/06	8260b	---	9	102.5	106.2	101.5
Toluene	<1	µg/L	1	<1	12/05/06	8260b	---	8	108.4	101.9	108.6

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1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S & S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

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Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 188908
Attn: David P. Duncan	**Sample Name:** MW-18	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	100	70-130	12/05/06	---
Toluene-d8	8260b	111	80-125	12/05/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 188908 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** David P. Duncan
Project ID: 2003-00017
Sample Name: MW-18

Sample Temperature/Condition: <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.

Notes:

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: David P. Duncan
Address: PO Box 1558
Eunice NM 88231

Phone: 505-394-3481 **FAX:** 505-394-2601

Report#/Lab ID#: 188909 **Report Date:** 12/11/06
Project ID: 2003-00017
Sample Name: MW-19
Sample Matrix: water
Date Received: 12/02/2006 **Time:** 10:00
Date Sampled: 11/28/2006 **Time:** 12:21

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/05/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**3.33**	µg/L	1	<1	12/05/06	8260b	---	7.5	98.1	101.3	99.2
Ethylbenzene	<1	µg/L	1	<1	12/05/06	8260b	J	8.6	110.2	115.3	109.6
m,p-Xylenes	<2	µg/L	2	<2	12/05/06	8260b	---	8.7	112.7	118	111.3
o-Xylene	<1	µg/L	1	<1	12/05/06	8260b	---	9	102.5	106.2	101.5
Toluene	<1	µg/L	1	<1	12/05/06	8260b	---	8	108.4	101.9	108.6

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 188909
Attn: David P. Duncan	**Sample Name:** MW-19	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	102	70-130	12/05/06	---
Toluene-d8	8260b	113	80-125	12/05/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 188909 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** David P. Duncan
Project ID: 2003-00017
Sample Name: MW-19

Sample Temperature/Condition: <=6°C

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Ethylbenzene	J	See J-flag discussion above.

Notes:

ANALYSYS INC.
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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: David P. Duncan
Address: PO Box 1558
Eunice NM 88231

Phone: 505-394-3481 **FAX:** 505-394-2601

Report#/Lab ID#: 188910 **Report Date:** 12/11/06
Project ID: 2003-00017
Sample Name: MW-20
Sample Matrix: water
Date Received: 12/02/2006 **Time:** 10:00
Date Sampled: 11/28/2006 **Time:** 14:04

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/07/06	8260b(5030/5035)	---	---	---	---	---
Benzene	**15700**	µg/L	100	<100	12/07/06	8260b	---	1.9	97.4	96.2	98.8
Ethylbenzene	**875**	µg/L	100	<100	12/07/06	8260b	---	1.3	107.6	108.8	108.3
m,p-Xylenes	**481**	µg/L	200	<200	12/07/06	8260b	---	0.5	107.3	107.9	107.8
o-Xylene	**184**	µg/L	100	<100	12/07/06	8260b	---	0	106.4	111	103.9
Toluene	**104**	µg/L	100	<100	12/07/06	8260b	---	2.9	104.5	95.8	107.4

Respectfully Submitted,

A. C. Hurd, Technical Director (or designee)

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2003-00017	**Report#/Lab ID#:** 188910
Attn: David P. Duncan	**Sample Name:** MW-20	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyzed	Data Qualifiers
1,2-Dichloroethane-d4	8260b	102	70-130	12/07/06	---
Toluene-d8	8260b	108	80-125	12/07/06	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

17220

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
(505) 394-3481 FAX: (505) 394-2601

Chain of Custody Form

LAB: Analysis

Company Name	Environmental Plus, Inc.
EPI Project Manager	David P. Duncan
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Plains Pipeline
Facility Name	Hobbs Jct. Mainline
Location	UL-M, Sec. 26, T 18 S, R 37 E
Project Reference	2003-00017
EPI Sampler Name	Jacob Melancon

Bill To

PLAINS ALL AMERICAN PIPELINE, L.P.

Attn: ENV Accounts Payable
PO Box 4646,
Houston, TX 77210-4648

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES (SO_4^-)	pH	TCLP	OTHER >>>	PAH			
188904	1 MW-10	G	3	X						X	X		28-Nov-06	12:51	X										
188905	2 MW-11	G	3	X						X	X		28-Nov-06	13:40	X										
188906	3 MW-15	G	3	X						X	X		28-Nov-06	11:47	X										
188907	4 MW-16	G	3	X						X	X		28-Nov-06	11:00	X										
188908	5 MW-18	G	3	X						X	X		28-Nov-06	11:20	X										
188909	6 MW-19	G	3	X						X	X		28-Nov-06	12:21	X										
188910	7 MW-20	G	3	X						X	X		28-Nov-06	14:04	X										
	8																								
	9																								
	10																								

Sampler Relinquished:	Date 11-30	Received By: Fed Ex	E-mail results to: dduncan@envplus.net and cjreynolds@paalp.com
	Time		
Relinquished by:	Date	Received By: (lab staff) 12-2-06 1000	REMARKS:
	Time		
Delivered by:	Sample Cool & Intact Yes (No)	Checked By:	T.U °C

APPENDIX D

NMOCD C-141

PLAINS ALL AMERICAN
Site Information and Metrics

Incident Date: 1-23-03 @ 8:00 AM	NMOCD Notified: 1-23-03 @ 11:35 AM Larry Johnson by Pat McCasland EPI

SITE: **Hobbs Junction Mainline**	Assigned Site Reference #: **2003-00017**
Company: Plains All American Pipeline	
Street Address: PO Box 1660	Notified Date/Time: NA
Mailing Address: 5805 East Highway 80	Notified by: Pat McCasland EPI
City, State, Zip: Midland, Texas 79702	Person Notified: NA
Representative: Camille Reynolds	NRC Report# : NA
Representative Telephone: 505.393.5611	
Telephone:	
Fluid volume released (bbls): 50 bbls	Recovered (bbls): 24 bbls
>25 bbls: Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days. (Also applies to unauthorized releases >500 mcf Natural Gas)	
5-25 bbls: Submit form C-141 within 15 days (Also applies to unauthorized releases of 50-500 mcf Natural Gas)	
Leak, Spill, or Pit (LSP) Name: Hobbs Junction Mainline	
Source of contamination: 10" Steel Pipeline	
Land Owner, i.e., BLM, ST, Fee, Other: State of New Mexico and Faye Klein	
LSP Dimensions 50' x 470'	
LSP Area: 12,500 sqft	
Location of Reference Point (RP)	
Location distance and direction from RP	
Latitude: 32°42'40.85"N	
Longitude: 103°13'42.01"W	
Elevation above mean sea level: 3,372'amsl	
Feet from South Section Line	
Feet from West Section Line	
Location- Unit or ¼¼: SW¼ of the SW¼ Unit Letter: M	
Location- Section: 26	
Location- Township: T18S	
Location- Range: R37E	
Surface water body within 1000 ' radius of site: none	
Domestic water wells within 1000' radius of site: none	
Agricultural water wells within 1000' radius of site: 1- approximately 600' west	
Public water supply wells within 1000' radius of site: none	
Depth from land surface to groundwater (DG) 40'bgs	
Depth of contamination (DC) – 40'bgs	
Depth to groundwater (DG – DC = DtGW) - 0'	

1. Groundwater	2. Wellhead Protection Area	3. Distance to Surface Water Body
If Depth to GW <50 feet: *20 points*	If <1000' from water source, or;<200' from private domestic water source: *20 points*	<200 horizontal feet: *20 points*
If Depth to GW 50 to 99 feet: *10 points*		200-100 horizontal feet: *10 points*
If Depth to GW >100 feet: *0 points*	If >1000' from water source, or; >200' from private domestic water source: *0 points*	>1000 horizontal feet: *0 points*
Groundwater Score = 20	*Wellhead Protection Area Score=20*	*Surface Water Score= 0*

Site Rank (1+2+3) = 40

Total Site Ranking Score and Acceptable Concentrations

Parameter	>19	10-19	0-9
Benzene[1]	10 ppm	10 ppm	10 ppm
BTEX[1]	50 ppm	50 ppm	50 ppm
TPH	100 ppm	1000 ppm	5000 ppm

[1]100 ppm field VOC headspace measurement may be substituted for lab analysis

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2004

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☐ Final Report

Name of Company: **Plains Pipeline, L.P.**	Contact: **Camille Reynolds**
Address: **PO Box 3119 (3705 East Highway 158) Midland, Texas 79702 (79706)**	Telephone No. **505.393.5611**
Facility Name **Hobbs Junction Mainline #2003-00017**	Facility Type **10" Steel Pipeline**
Surface Owner: **State of New Mexico and Faye Klein**	Mineral Owner / Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County:
M	26	**T18S**	**R37E**					Lea

Latitude: 32°42'40.85"N **Longitude:** 103°13'42.01"W

NATURE OF RELEASE

Type of Release **Crude Oil**	Volume of Release **50 barrels**	Volume Recovered **24 barrels**
Source of Release **10" Steel Pipeline**	Date and Hour of Occurrence **1-23-03 @ 8:00 AM**	Date and Hour of Discovery **1-23-03 @ 10:45 AM**
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? **Larry Johnson**	
By Whom? **Pat McCasland EPI**	Date and Hour **1-23-03 @ 11:35 AM**	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. **NA**	

If a Watercourse was Impacted, Describe Fully.*
NA

Describe Cause of Problem and Remedial Action Taken.*
10" Steel Pipeline **Steel line began leaking due to internal corrosion. Pipe replaced and line tested.**

Describe Area Affected and Cleanup Action Taken.*
12,500 sqft (50' x 470'): Soil and groundwater contaminated above the NMOCD Remedial Guidelines will be remediated to the prescribed remedial goals. Remedial Goals: TPH 8015m = 100 mg/Kg, Benzene = 10 mg/Kg, and BTEX, i.e., the mass sum of Benzene, Ethyl Benzene, Toluene, and Xylenes = 50 mg/Kg.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	**OIL CONSERVATION DIVISION**
Printed Name: Camille Reynolds	Approved by District Supervisor:
E-mail Address: CJReynolds@PAALP.com	Approval Date: / Expiration Date:
Title: District Environmental Coordinator	Conditions of Approval: / Attached ☐
Date: Phone: 505.396.3341	

Attach Additional Sheets If Necessary