AP - 41

ANNUAL MONITORING REPORT

YEAR(S):

2005

PLAINS
ALL AMERICAN
PIPELINE, L.P.

Report on L-Drive

2005 Annual Monitoring Report

Hugh Gathering 090402
Ref. # 2002-10235
(Company #231735)

AP-41

UL-P (SE¼ of the SE¼) of Section 11, R37E, T21S
Latitude 32°29'11.007"N and Longitude 103°07'33.864"W
Elevation ~3,425'amsl

3 miles northeast of Eunice, Lea County, New Mexico

February 2006

Prepared by

Environmental Plus, Inc.
2100 West Avenue O
P.O. Box 1558
Eunice, New Mexico 88231
Tele 505•394•3481 FAX 505•394•2601
(pmccasland@envplus.net)

Distribution List

2005 Annual Monitoring Report
Plains Pipeline, L.P., Hugh Gathering Ref. # 2002-10235
(Company #231735)

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STANDARD OF CARE

2005 Annual Monitoring Report
Plains Pipeline, L.P.
Hugh Gathering
Ref. # 2002-10235
(Company #231735)

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

This report was prepared by:

Patrick W. McCasland, Senior Environmental Consultant — 20 March 2006 (Date)

This report was reviewed by:

Iain A. Olness, P.G. Hydrogeologist — 20 March 2006 (Date)

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TABLES

APPENDICES

1.0 BACKGROUND AND PREVIOUS REMEDIAL ACTIVITIES

This site is located in Unit Letter P (the SE¼ of the SE¼) of Section 11, Range 37 East, Township 21 South at a latitude of 32°29'11.007"N and a longitude of 103°07'33.864"W approximately 3 miles northeast of Eunice, Lea County, New Mexico on property owned by James A. Bryant (reference *Figure 1* through *Figure 3*). The release occurred from the 6" steel pipeline on September 4, 2002, while under the ownership of EOTT Energy Pipeline (EOTT changed its' name to Link Energy in October 2003) and as of April 1, 2004, Plains Pipeline, L.P. (Plains) purchased the assets from Link Energy. The initial crude oil release volume was estimated to be approximately 50 barrel (bbls) with no crude oil recovered. The cause was attributed to either internal or external corrosion of the steel pipeline and initially impacted approximately 100 square feet (ft^2) (10' x 10') of surface area associated with the raised vent connected to the under highway conduit on the west side of New Mexico State Road 18 (reference *Figure 2* and *Appendix II* and *Appendix III*). The line was subsequently replaced, tested and placed back in service. Impacted soils down to a depth of approximately 4- feet below ground surface (bgs) were disposed of in an NMOCD approved landfarm and the site soil and groundwater impacts delineated. There are no surface water bodies or domestic or agricultural water wells within 1,000 horizontal feet of the site. During site soil delineation in September 2002, phase separated hydrocarbons (PSH) were found to have impacted groundwater measured at approximately 60 feet below ground surface (bgs). In September 2002, a single 2" PVC cased monitor well (MW-1) was installed during soil delineation activities to evaluate PSH thickness and to initiate PSH recovery.

In June and July 2003, with NMOCD approval, groundwater monitoring wells MW-2, MW-3, MW-4 and MW-5 were installed. Recovery of PSH from groundwater monitoring wells MW-1, MW-2 and MW-4 ensued on a weekly basis. In August 2003, daily recovery began with deployment of a gasoline powered eductor type PSH recovery system. Site surveillance was conducted daily to monitor water and PSH levels, deploy the trailer mounted product recovery system, and manage produced fluids.

In 2004, with NMOCD approval, groundwater monitoring wells MW-6, MW-7, MW-8, MW-9, MW-10, MW-11 and MW-12 were installed to further delineate and bound the horizontal extents of PSH and dissolved phase impacts. PSH was observed in groundwater monitoring wells MW-8, MW-9 and MW-10. The 2004 analytical results indicated dissolved phase hydrocarbons (BTEX) and polynuclear aromatic hydrocarbons (PAH) were detected in samples collected from groundwater monitoring well MW-5. BTEX and PAH were not detected at or above the respective method detection limits in 2004 samples from groundwater monitoring wells MW-6, MW-7, MW-11 and MW-12 located around the periphery of the site. PSH was present in groundwater monitoring wells MW-1, MW-2, MW-3, MW-4, MW-8, MW-9 and MW-10 with thicknesses ranging from 11.13-feet to 0.25-feet.

2.0 2005 Administrative Technical Activities

In May 2005, to formalize the soil and groundwater remediation strategies consistent with NMOCD Rule 19, Plains submitted a Stage 1 and Stage 2 Abatement Plan (Abatement Plan) to the NMOCD for approval. In a letter dated June 16, 2005, the NMOCD notified Plains that the Abatement Plan was determined to be "administratively complete" and that public notice needed to be issued in accordance with the Rule 19 protocols. After the public comment period, the NMOCD subsequently approved implementation of the Abatement Plan in its letter to Plains dated November 5, 2005 (reference Appendix II).

3.0 2005 Field Activities

Site surveillance continued in 2005 with bi-weekly inspections, monthly monitoring of groundwater and PSH levels and quarterly sampling of groundwater monitoring wells not impacted with PSH. In August 2005, because of declining PSH thicknesses and production rates, the PSH recovery method was changed from daily deployment of the trailer mounted eductor type PSH recovery system to weekly hand bailing of PSH impacted wells and installation of absorbent socks.

4.0 Groundwater Gradient and PSH Thickness

Groundwater levels increased slightly during the first three quarters of 2005 and receded slightly during the last quarter. The groundwater gradient continues to trend to the southeast, consistent with the area gradient as determined using measurements from the groundwater monitoring wells not impacted with PSH, (i.e., MW-5, MW-6, MW-7, MW-11 and MW-12) (reference *Table 1, Figure 18, Figure 20, Figure 22* and *Figure 24*). Stabilized PSH thicknesses declined in 2005 with a maximum of up to 6.26-feet in groundwater monitoring well MW-4. Cumulative PSH thickness declines, (i.e., declines recorded since inception of the PSH recovery program in 2002) ranged from 6.32-feet in monitoring well MW-1 to 0.045-feet in monitoring well MW-8 (reference *Table 4*, *Figure 18, Figure 20, Figure 22* and *Figure 24*).

5.0 PSH Recovery

In 2005, approximately 550 gallons of crude oil were recovered and reintroduced into the Plains pipeline system. Recovery was accomplished by manual bailing and absorbent socks. The total recovery volume as of December 31, 2005, including the 600 gallons recovered from 2002 through 2004, is approximately 1,150 gallons.

6.0 Groundwater Sampling and Analytical Results

Groundwater monitoring wells MW-1, MW-2, MW-3, MW-4, MW-8, MW-9 and MW-10 were not sampled during 2005 due to the presence of PSH. Groundwater monitoring wells MW-5, MW-6, MW-7, MW-11 and MW-12 were sampled on March 31, May 11, August 17 and November 15, 2005. Prior to sampling, each well was purged a minimum of 3 well volumes or dry. Groundwater samples were collected and submitted under standard chain of custody protocols to a qualified, independent laboratory for quantification of benzene, toluene, ethylbenzene, and total xylenes (BTEX) (reference *Table 2* and *Appendix I*). Samples collected during the May 11, 2005 sampling event were also submitted for analysis of the polynuclear aromatic hydrocarbons (PAHs) (reference *Table 3* and *Appendix I*).

The New Mexico Water Quality Control Commission (WQCC) groundwater standards are as follows: benzene-10.0 microgram per liter (µg/L), toluene-750 µg/L, ethylbenzene-750 µg/L and total xylene-620 µg/L.

6.1 Groundwater Monitoring Wells MW-1 through MW-4 and MW-8 through MW-10

Groundwater Monitoring Wells MW-1 through MW-4 and MW-8 through MW-10 were not sampled in 2005 due to the presence of PSH.

6.2 Groundwater Monitoring Well MW-5

The benzene concentrations ranged from 331 µg/L to 1,450 µg/L and were in excess of the 10.0 µg/L WQCC groundwater standard. Toluene concentrations ranged from 4.70 µg/L to 60.3 µg/L and were below the 750 µg/L WQCC groundwater standard. Ethylbenzene ranged from 107 µg/L to 266 µg/L and were below the 750 µg/L WQCC groundwater standard. The total xylenes concentrations ranged from 18.5 µg/L to 98.8 µg/L and were below the 620 µg/L WQCC groundwater standard. The PAH compounds were not detected at or above the 0.05 µg/L method detection limit (MDL).

6.3 Groundwater Monitoring Well MW-6

The BTEX and PAH compounds were not detected at or above the respective MDLs during 2005.

6.4 Groundwater Monitoring Well MW-7

The BTEX and PAH compounds were not detected at or above the respective MDLs during 2005.

6.5 Groundwater Monitoring Well MW-11

Benzene, ethylbenzene, total xylenes and the PAH compounds were not detected at or above the respective MDLs. Toluene concentrations ranged from not detected at or above the 1.0 µg/L MDL to 1.66 µg/L, below the 750 µg/L WQCC groundwater standard.

6.6 Groundwater Monitoring Well MW-12

Benzene, ethylbenzene, total xylenes and the PAH compounds were not detected above the respective MDLs. Toluene concentrations ranged from not detected at or above the 1.0 µg/L MDL to 1.32 µg/L, below the 750 µg/L WQCC groundwater standard.

7.0 Recommendations

Based on the field monitoring and analytical results collected during the past year, the following recommendations are made (reference *Table 5*):

- Continue quarterly groundwater sampling;
- Analyze PAH at least annually;
- Measure groundwater and PSH levels semi-monthly;
- Continue manual PSH recovery; and
- Implement the Abatement Plan as approved by the NMOCD.

FIGURES

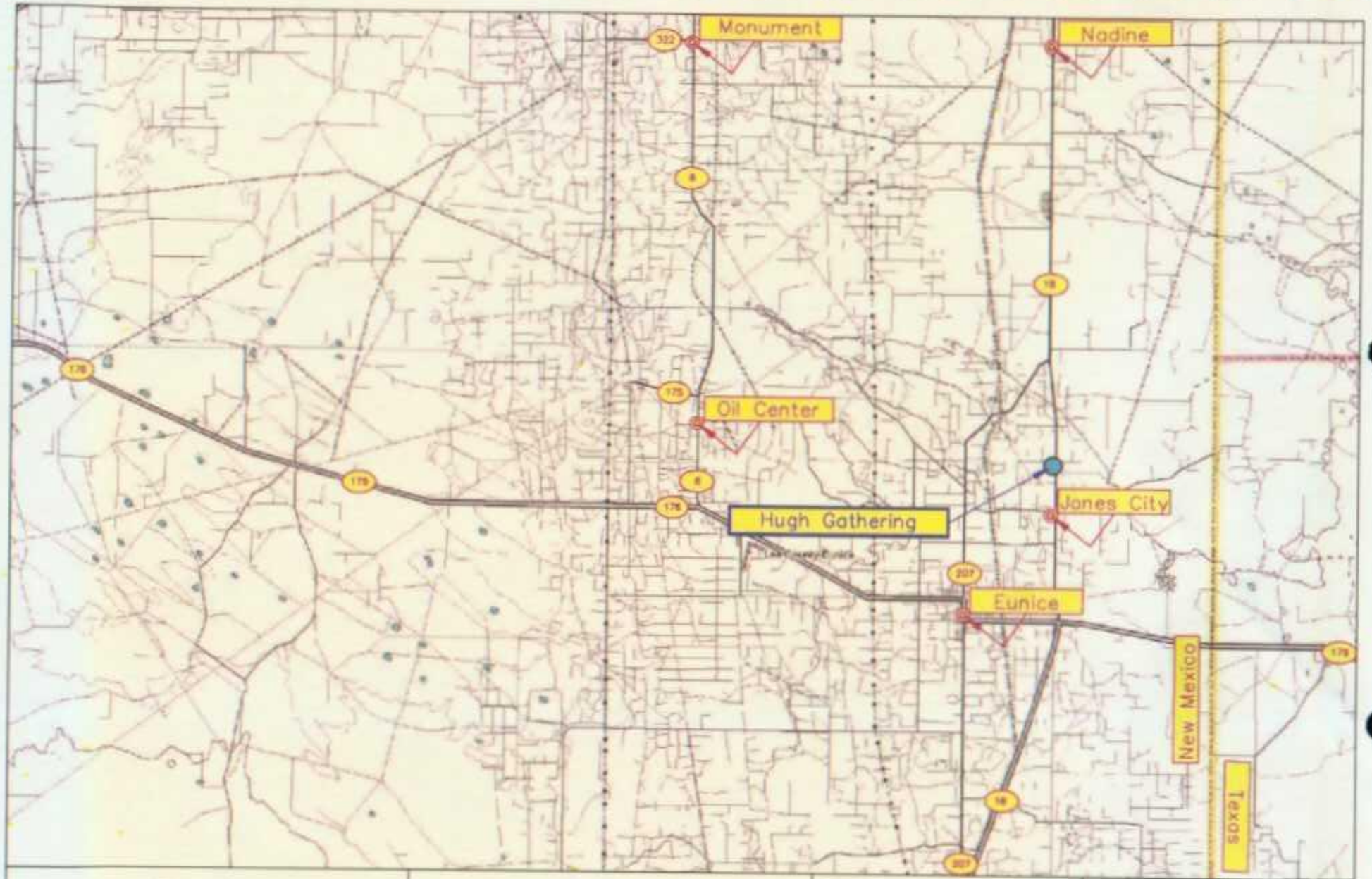

Figure 1
Area Map
Plains Marketing, L. P.
Hugh Gathering #2002-10235

Lea County, New Mexico
SE 1/4 of the SE 1/4, Sec. 11, T21S, R37E
N 32° 29' 11.0" W 103° 07' 33.8"
Elevation: 3,425 feet amsl

DWG By: Daniel Dominguez
February 2006

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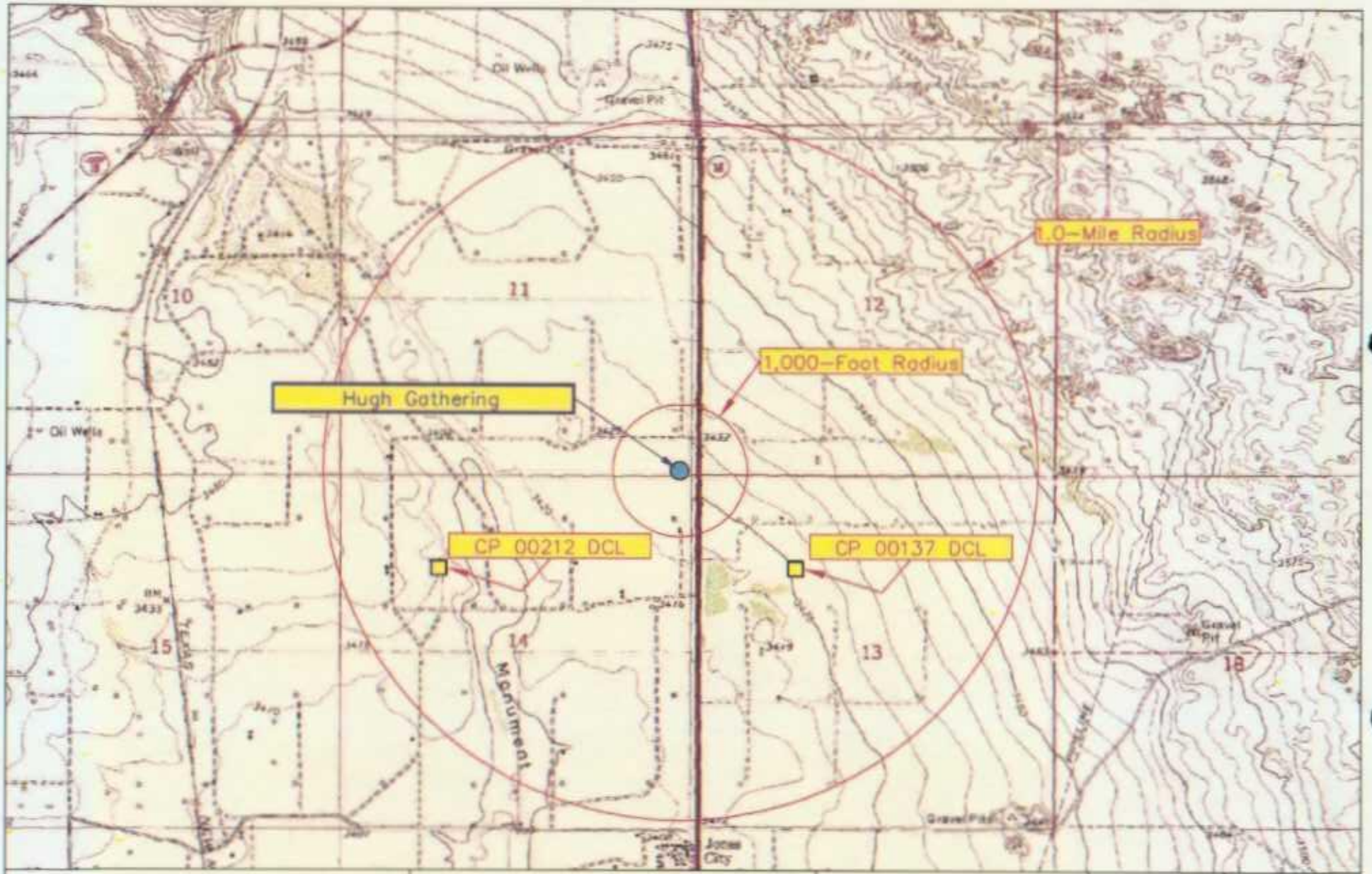

Figure 2
Site Location Map
Plains Marketing, L. P.
Hugh Gathering #2002-10235

Lea County, New Mexico
SE 1/4 of the SE 1/4, Sec. 11, T21S, R37E
N 32° 29' 11.0" W 103° 07' 33.8"
Elevation: 3,425 feet amsl

DWG By: Daniel Dominguez
February 2006

REVISED:

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Figure 3 Site Map Plains Pipeline, L.P. Hugh Gathering #2002-10235	Lea County, New Mexico SE¼ of the SE¼ , Sec. 11, T21S, R37E N 32° 29' 11.0" W 103° 07' 33.8" Elevation: ~3,425 feet-amsl	DWG By: Iain Olness September 2004	REVISED February 2006	SHEET 1 of 1

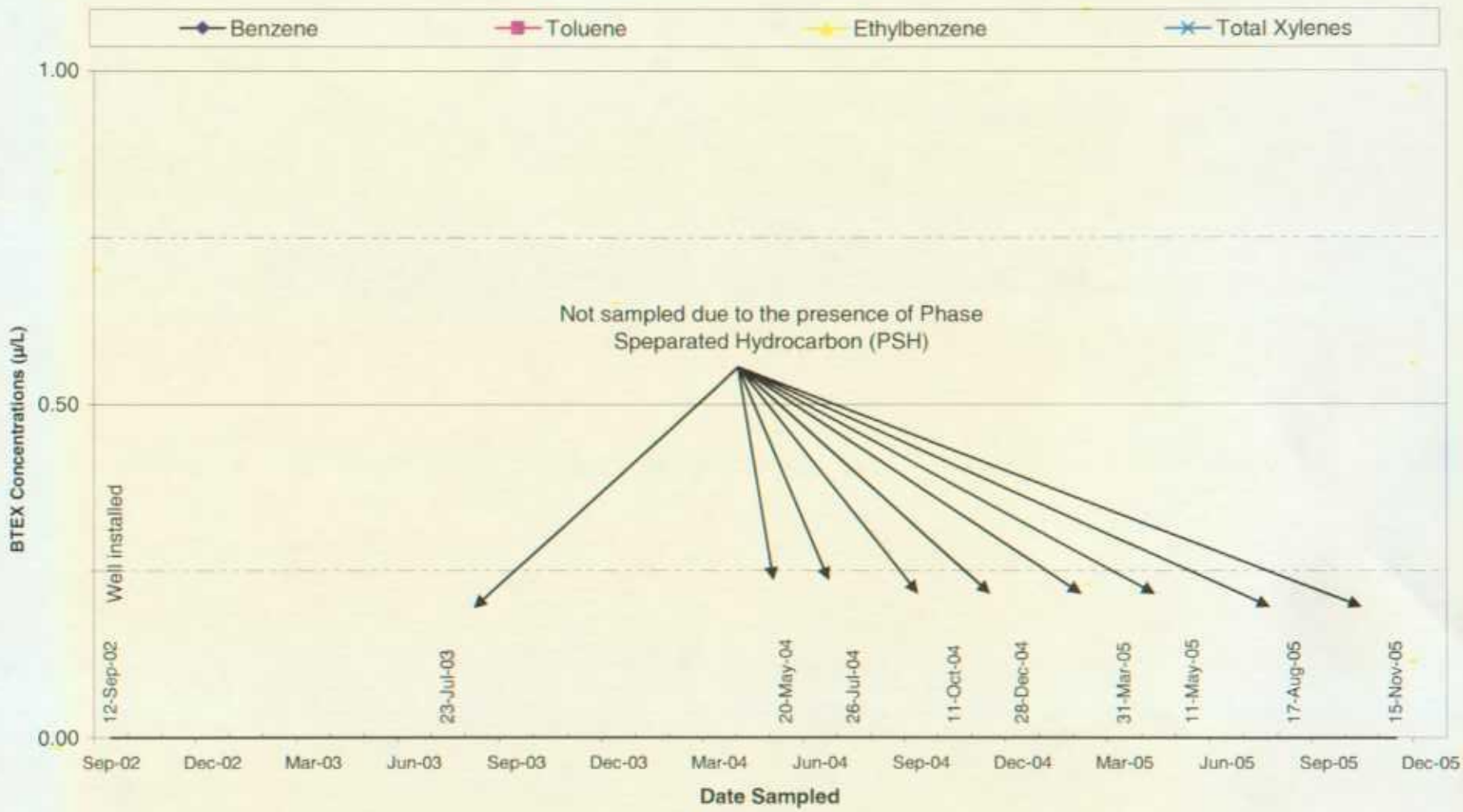

Figure 4: BTEX Concentrations in Groundwater Monitoring Well MW-1, from September 12, 2002 to December 31, 2005, Plains Pipeline, L.P., Hugh Gathering (ref. #2002-10235), Lea County, New Mexico.

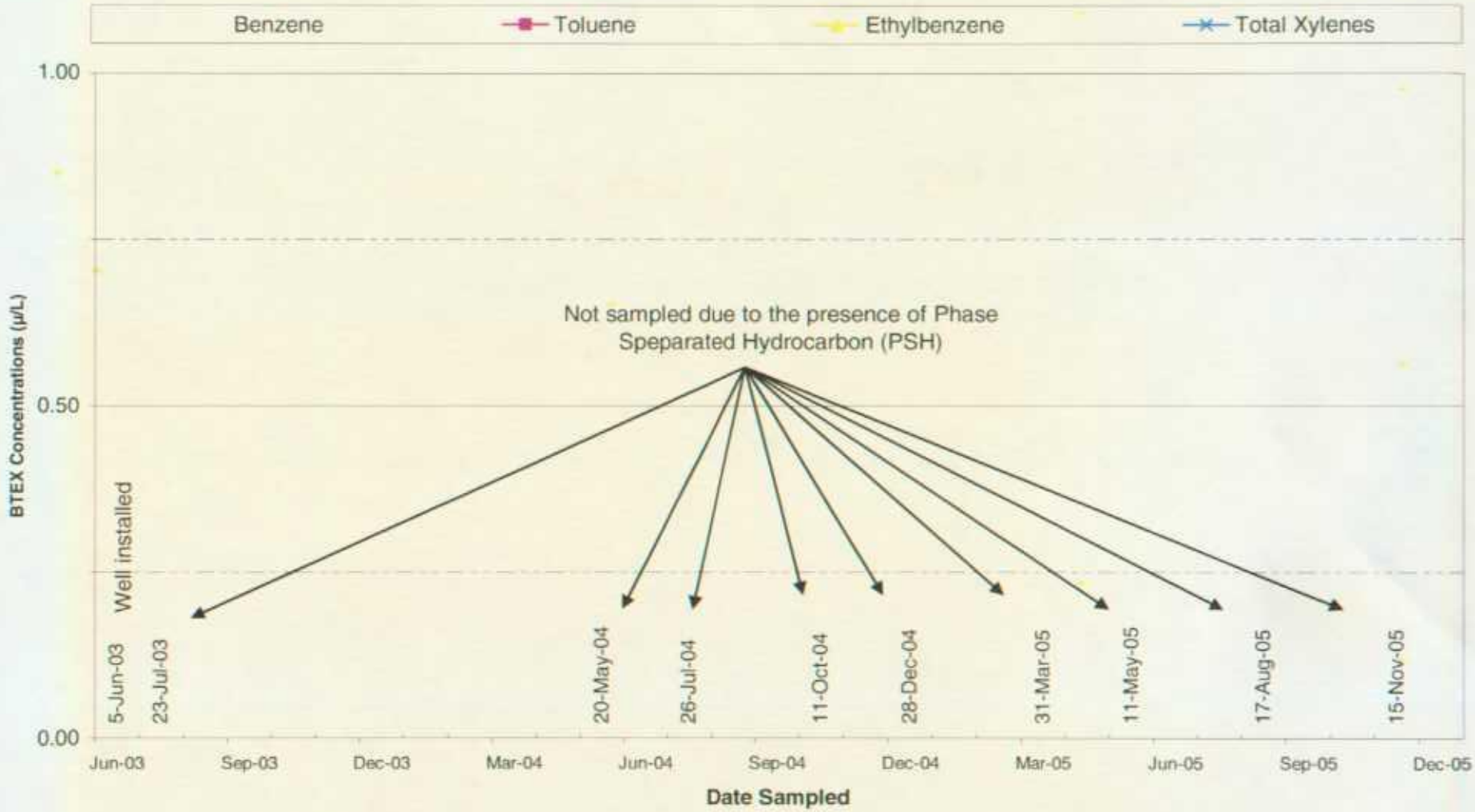

Figure 5: **BTEX Concentrations in Groundwater Monitoring Well MW-2, from June 5, 2003 to December 31, 2005, Plains Pipeline, L.P., Hugh Gathering (ref. #2002-10235), Lea County, New Mexico.**

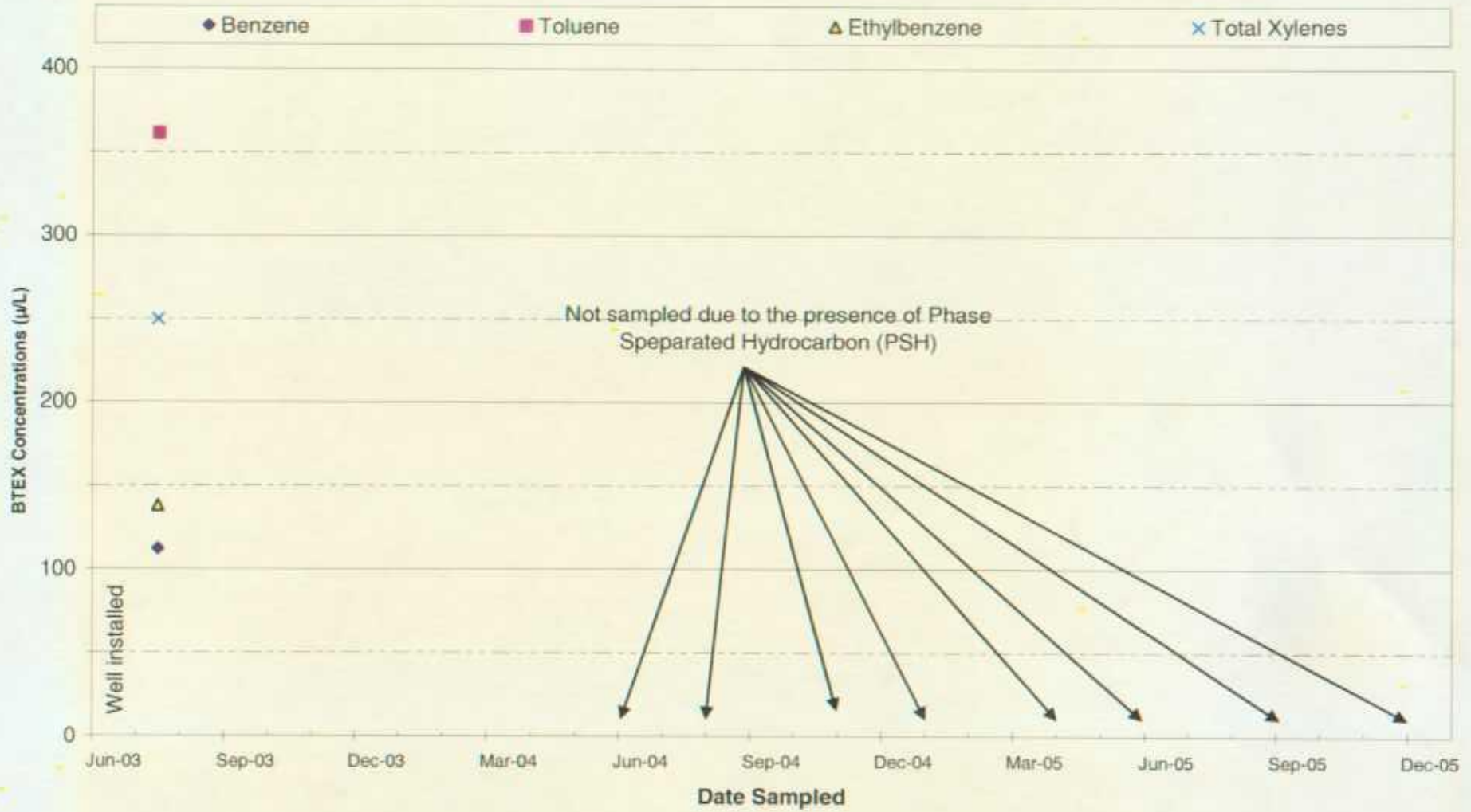

Figure 6: **BTEX Concentrations in Groundwater Monitoring Well MW-3, from June 9, 2003 to December 31, 2005, Plains Pipeline, L.P., Hugh Gathering (ref. #2002-10235), Lea County, New Mexico.**

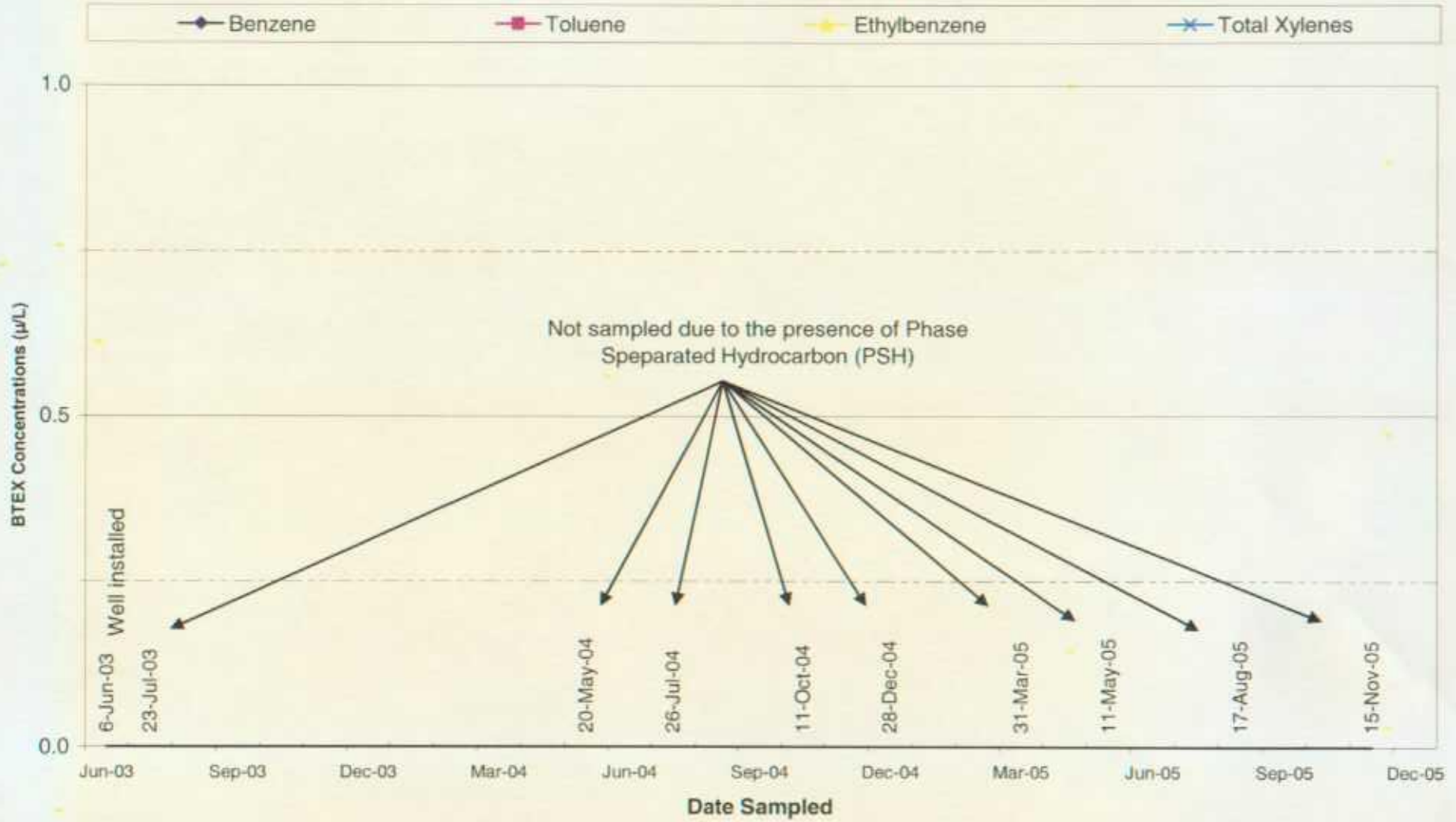

Figure 7: **BTEX Concentrations in Groundwater Monitoring Well MW-4, from June 6, 2003 to December 31, 2005, Plains Pipeline, L.P., Hugh Gathering (ref. #2002-10235), Lea County, New Mexico.**

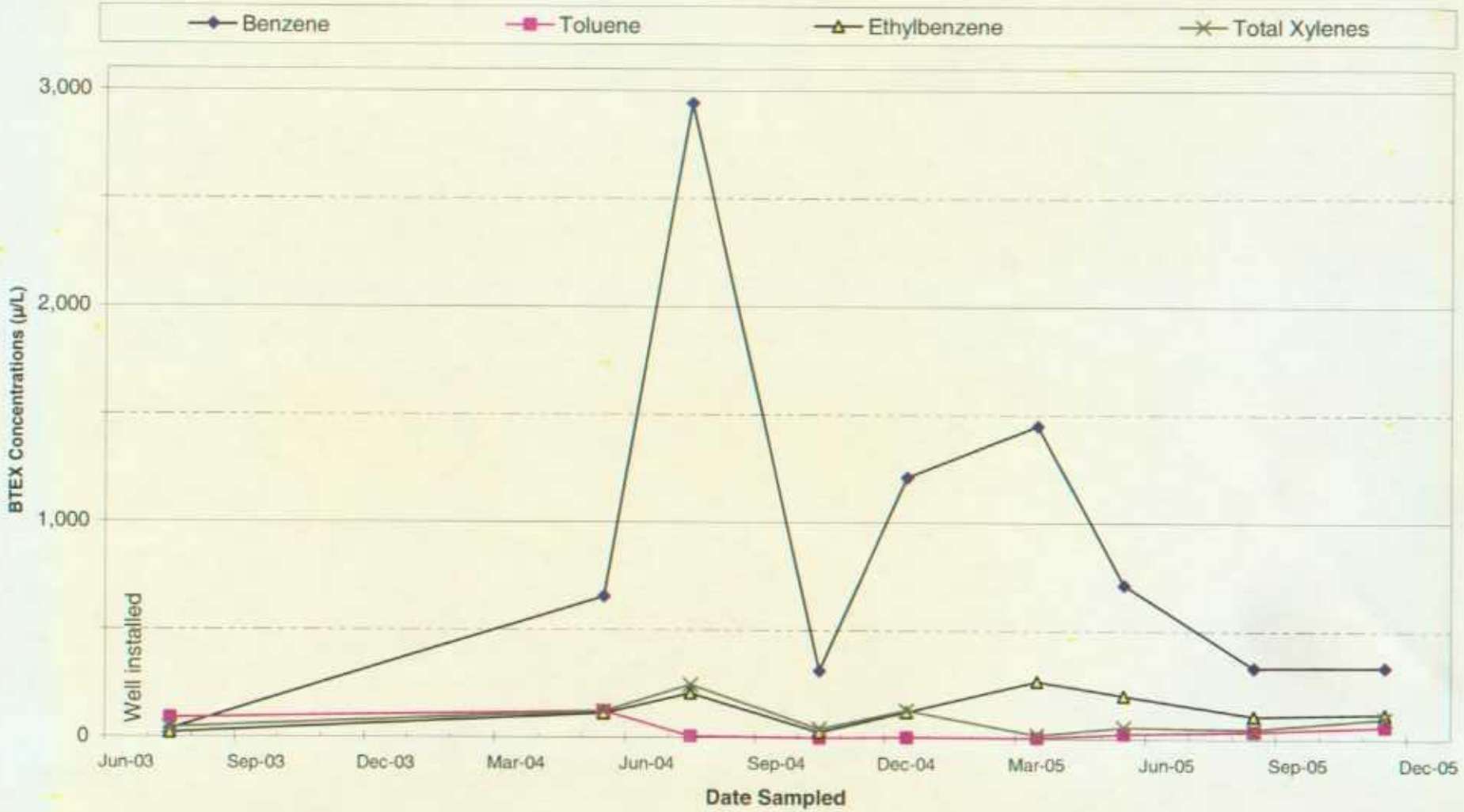

Figure 8: **BTEX Concentrations in Groundwater Monitoring Well MW-5, from June 12, 2003 to December 31, 2005, Plains Pipeline, L.P., Hugh Gathering (ref. #2002-10235), Lea County, New Mexico.**

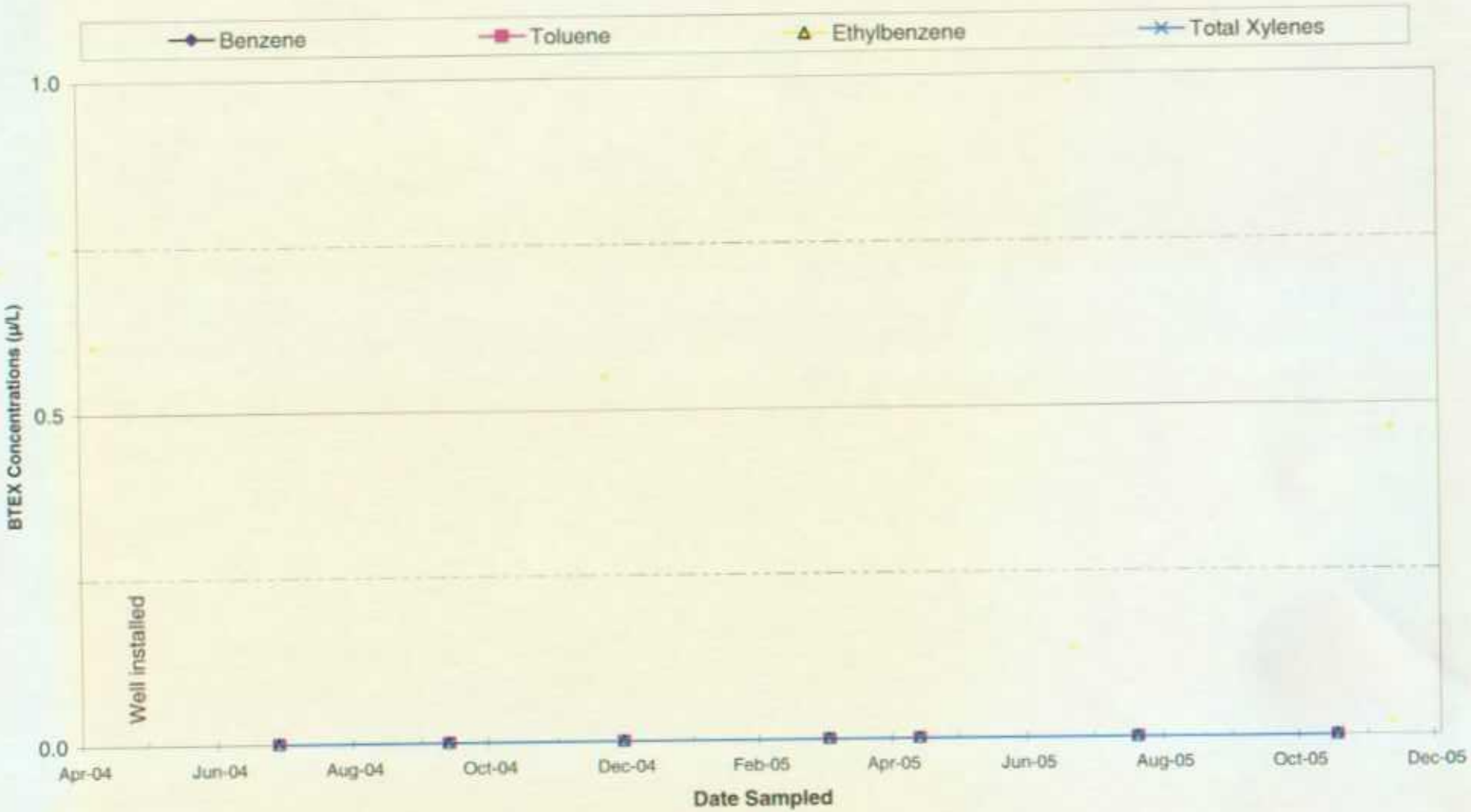

Figure 9: **BTEX Concentrations in Groundwater Monitoring Well MW-6, from April 29, 2004 to December 31, 2005, Plains Pipeline, L.P., Hugh Gathering (ref. #2002-10235), Lea County, New Mexico.**

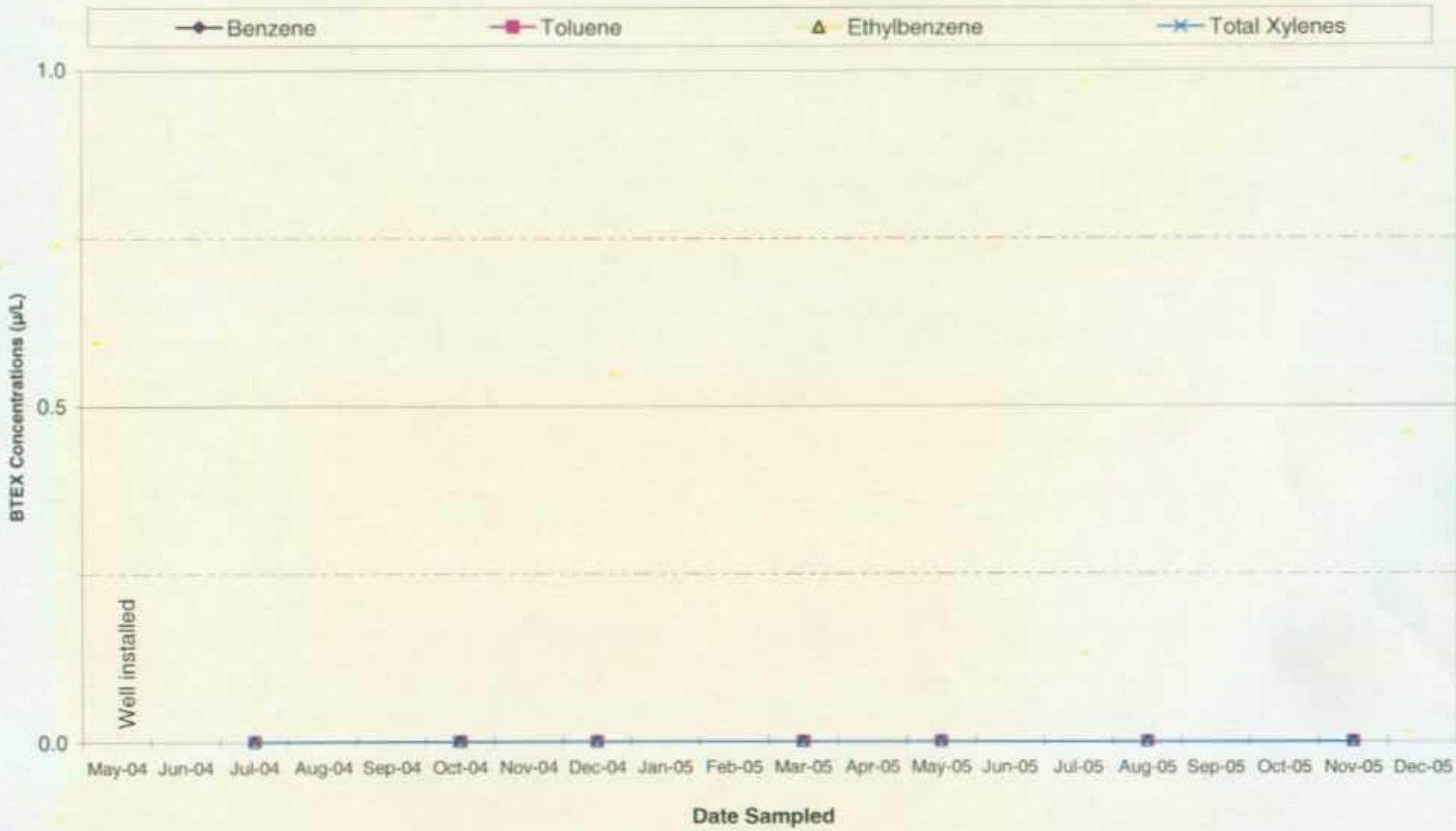

Figure 10: **BTEX Concentrations in Groundwater Monitoring Well MW-7, from May 20, 2004 to December 31, 2005, Plains Pipeline, L.P., Hugh Gathering (ref. #2002-10235), Lea County, New Mexico.**

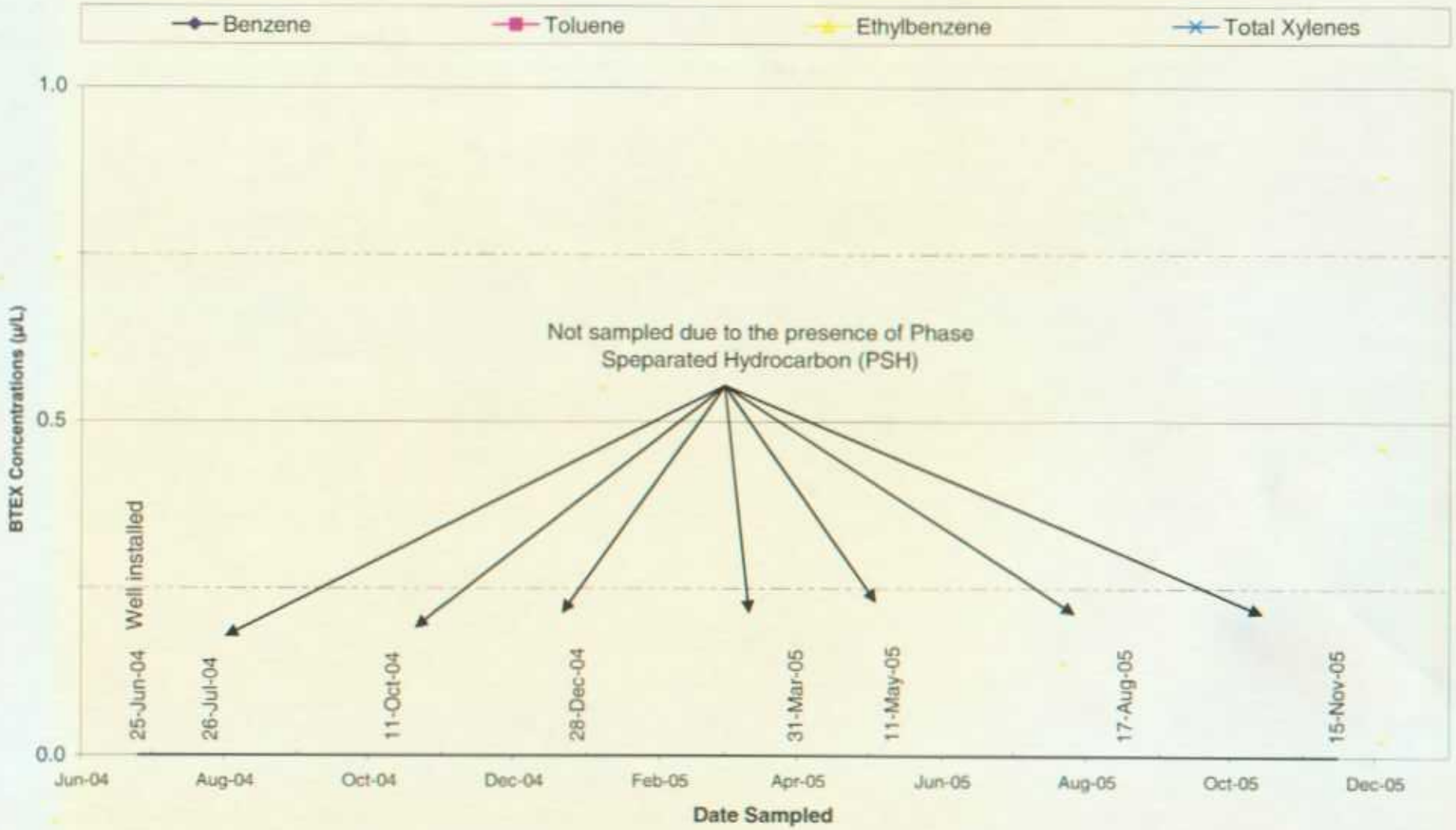

Figure 11: **BTEX Concentrations in Groundwater Monitoring Well MW-8, from June 25, 2004 to December 31, 2005, Plains Pipeline, L.P., Hugh Gathering (ref. #2002-10235), Lea County, New Mexico.**

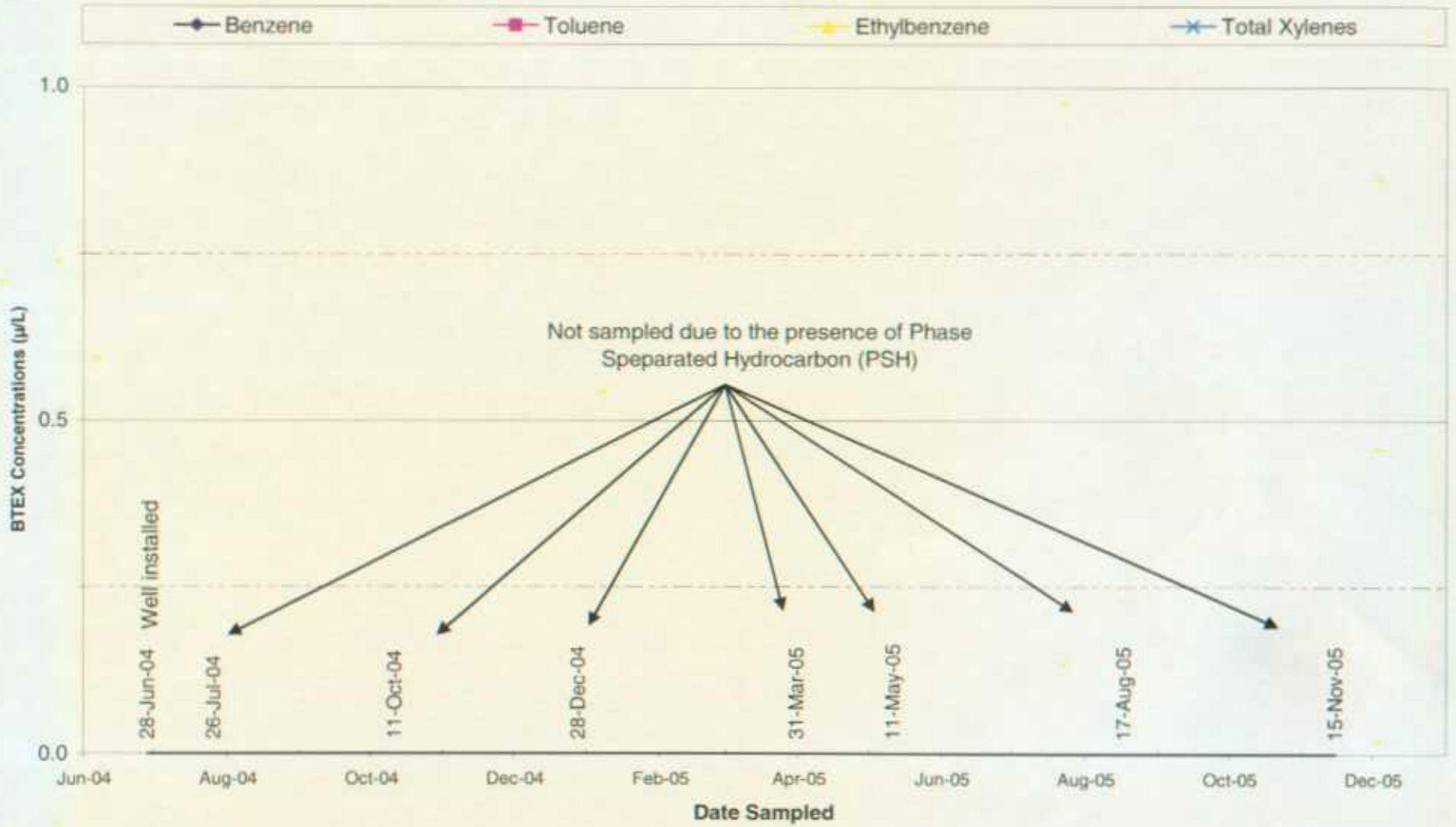

Figure 12: **BTEX Concentrations in Groundwater Monitoring Well MW-9, from June 28, 2004 to December 31, 2005, Plains Pipeline, L.P., Hugh Gathering (ref. #2002-10235), Lea County, New Mexico.**

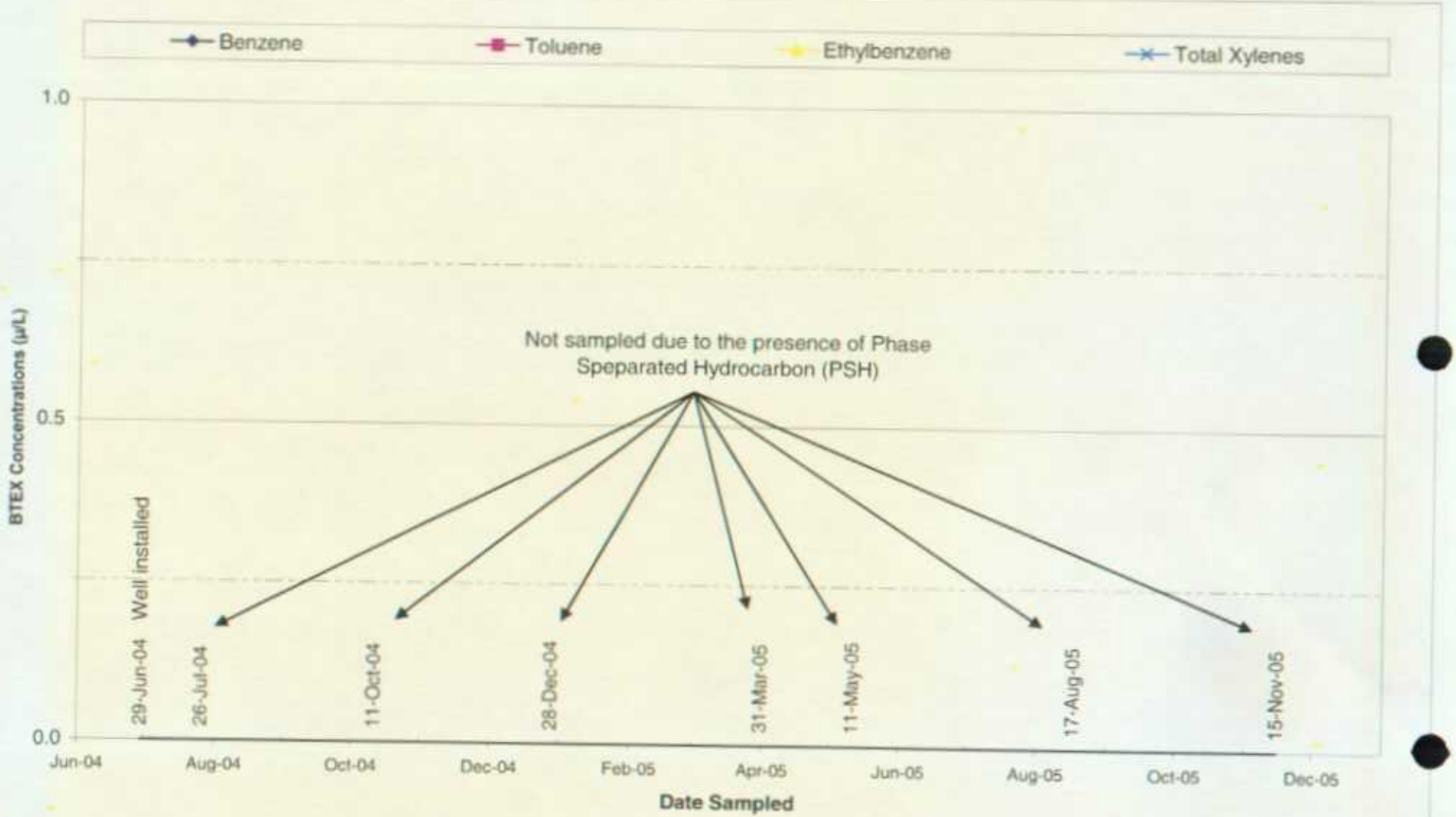

Figure 13: **BTEX Concentrations in Groundwater Monitoring Well MW-10, from June 29, 2004 to December 31, 2005, Plains Pipeline, L.P., Hugh Gathering (ref. #2002-10235), Lea County, New Mexico.**

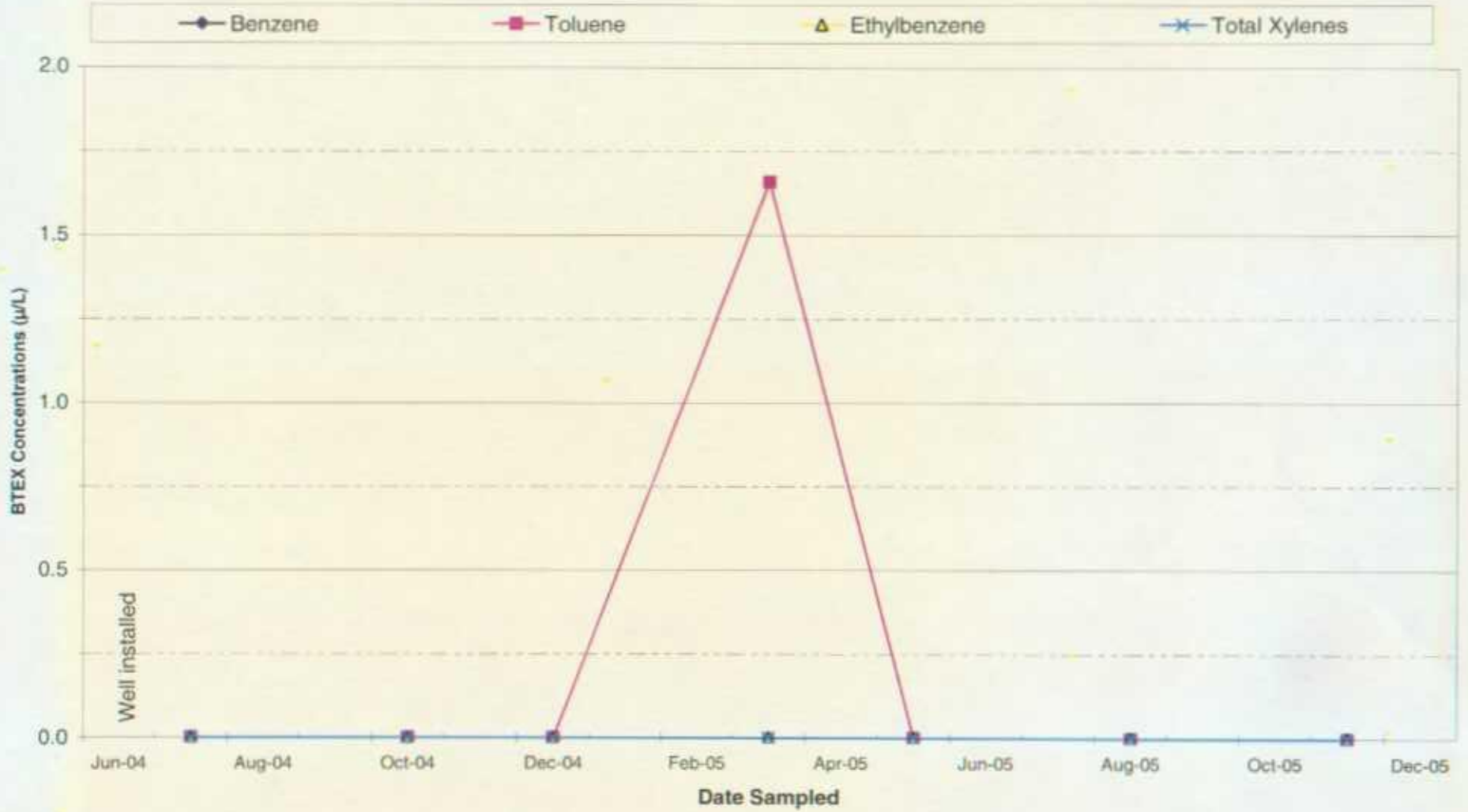

Figure 14: **BTEX Concentrations in Groundwater Monitoring Well MW-11, from June 24, 2004 to December 31, 2005, Plains Pipeline, L.P., Hugh Gathering (ref. #2002-10235), Lea County, New Mexico.**

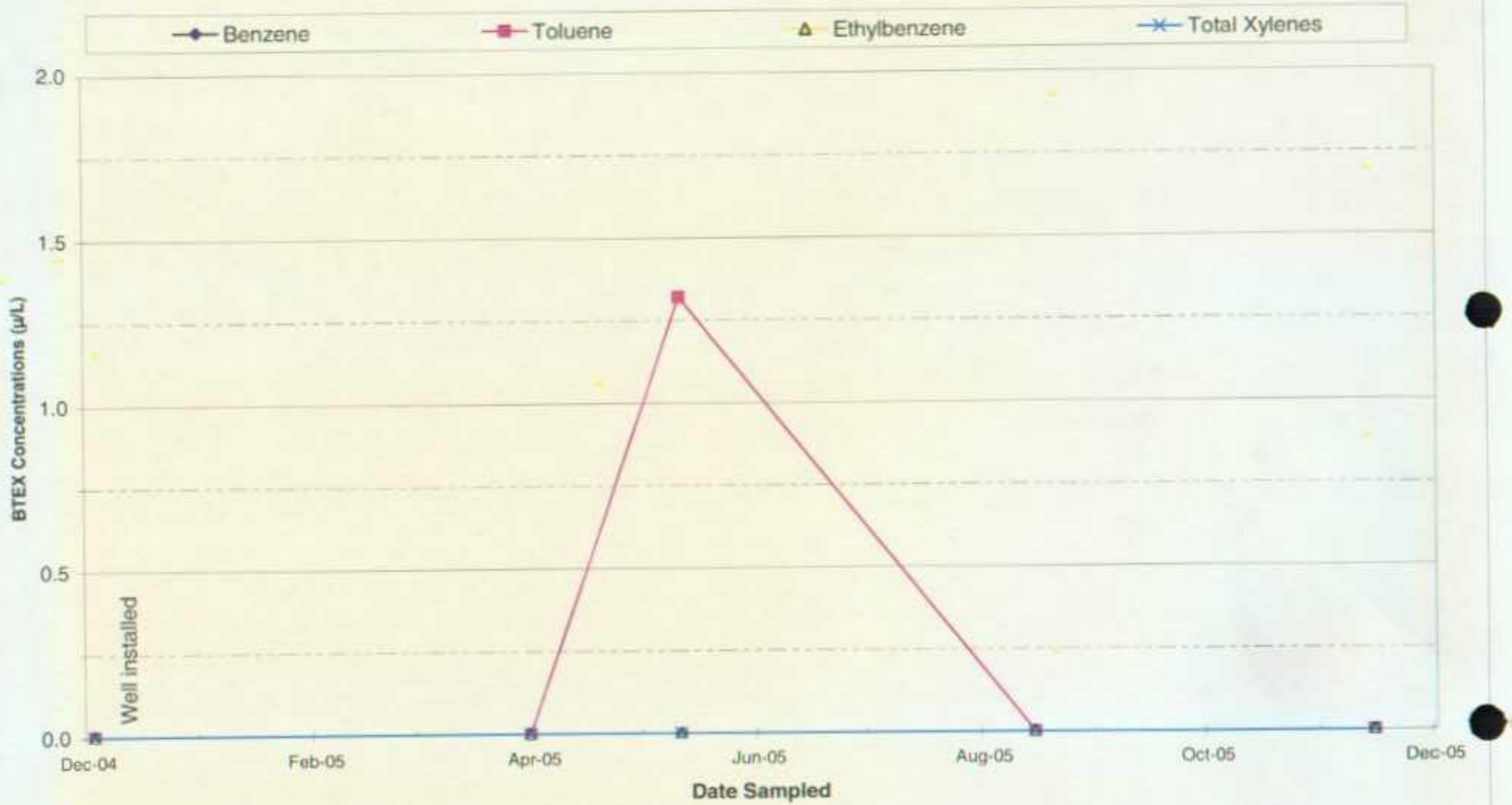

Figure 15: BTEX Concentrations in Groundwater Monitoring Well MW-12, from December 1, 2004 to December 31, 2005, Plains Pipeline, L.P., Hugh Gathering (ref. #2002-10235), Lea County, New Mexico.

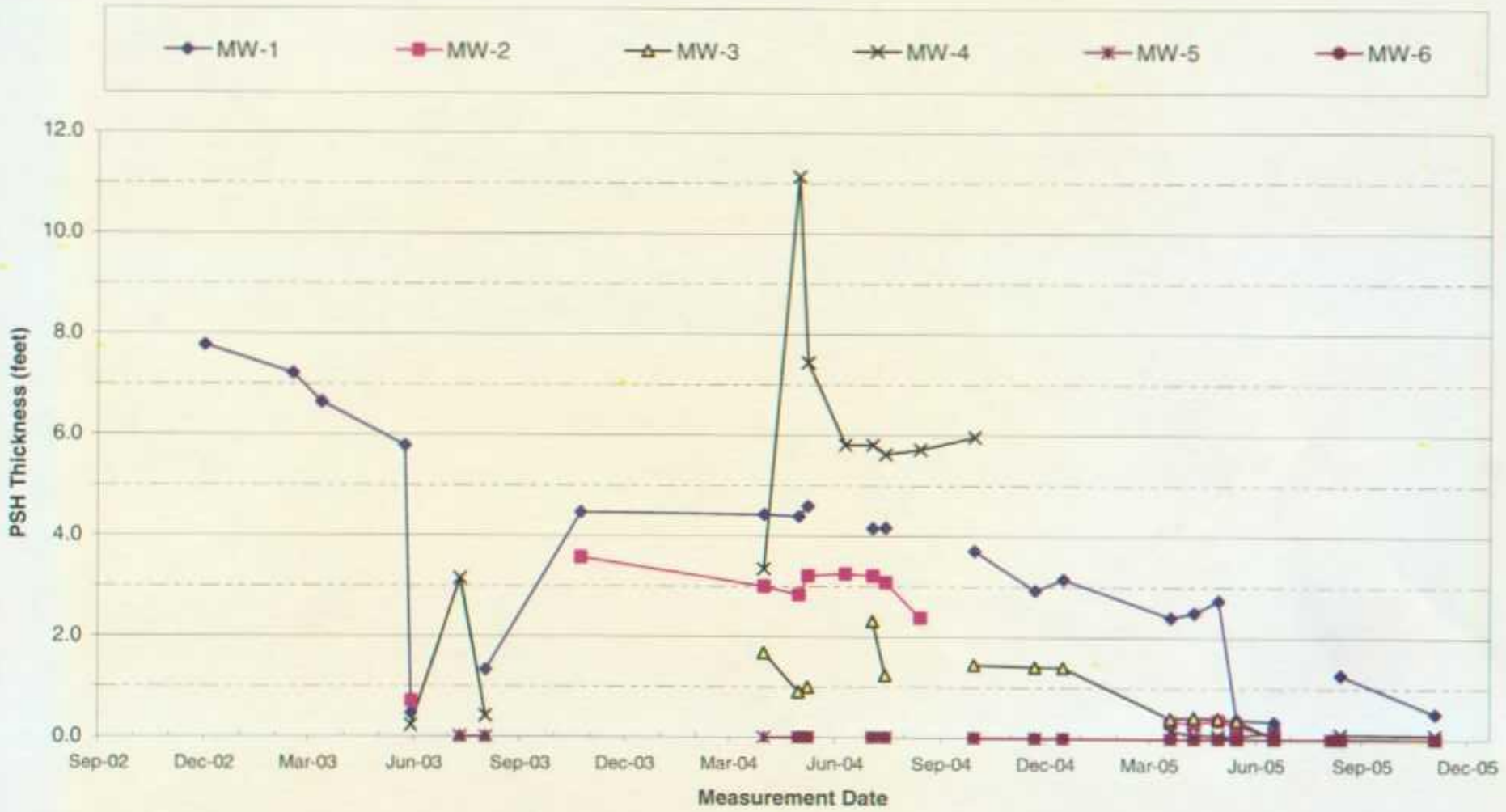

Figure 16: PSH Thickness in Groundwater Monitoring Wells MW-1 through MW-6, from September 12, 2002 to December 31, 2005, Plains Pipeline, L.P., Hugh Gathering (ref. #2002-10235), Lea County, New Mexico.

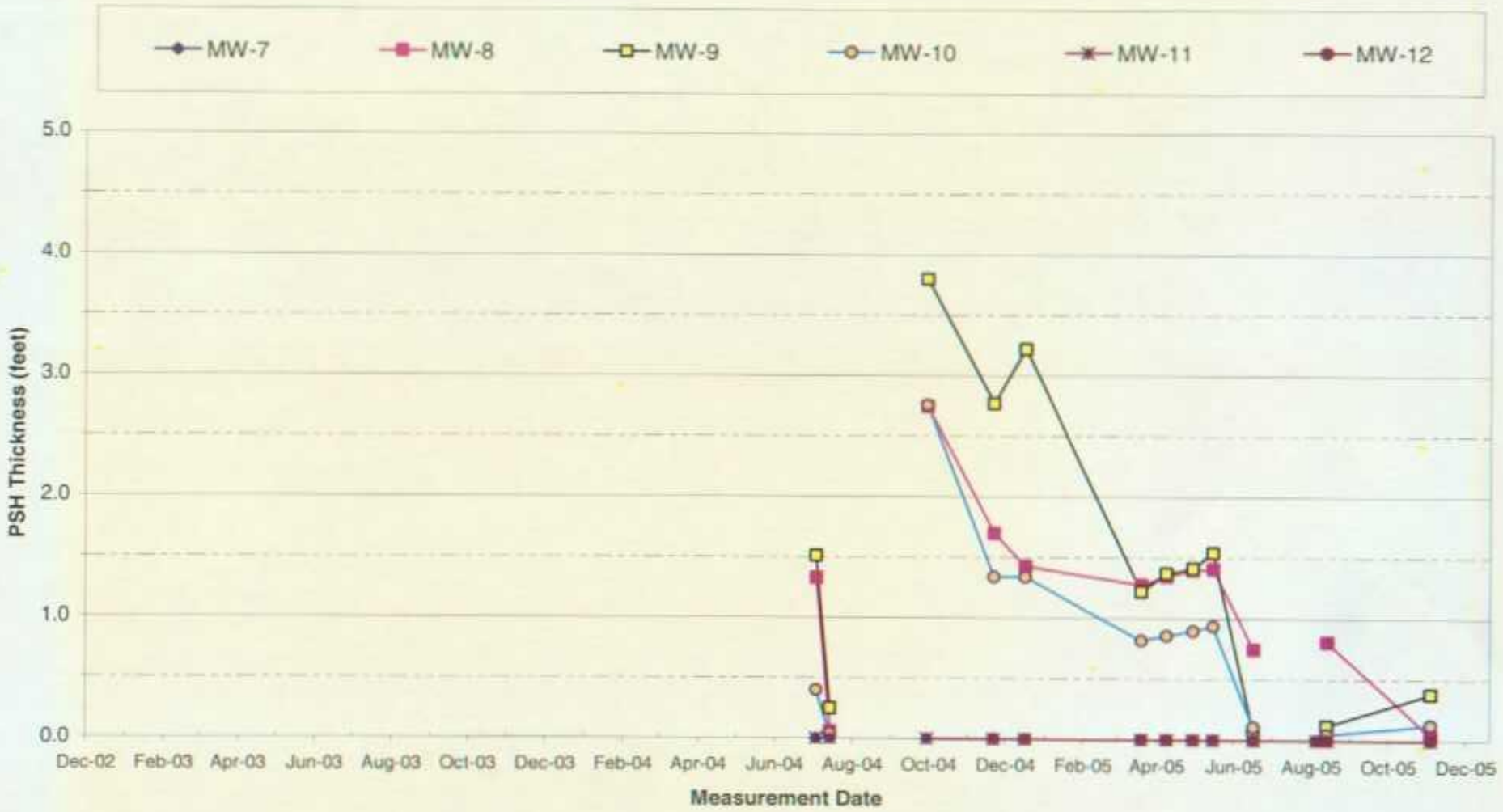

Figure 17: PSH Thickness in Groundwater Monitoring Wells MW-7 through MW-12, from September 12, 2002 to December 31, 2005, Plains Pipeline, L.P., Hugh Gathering (ref. #2002-10235), Lea County, New Mexico.

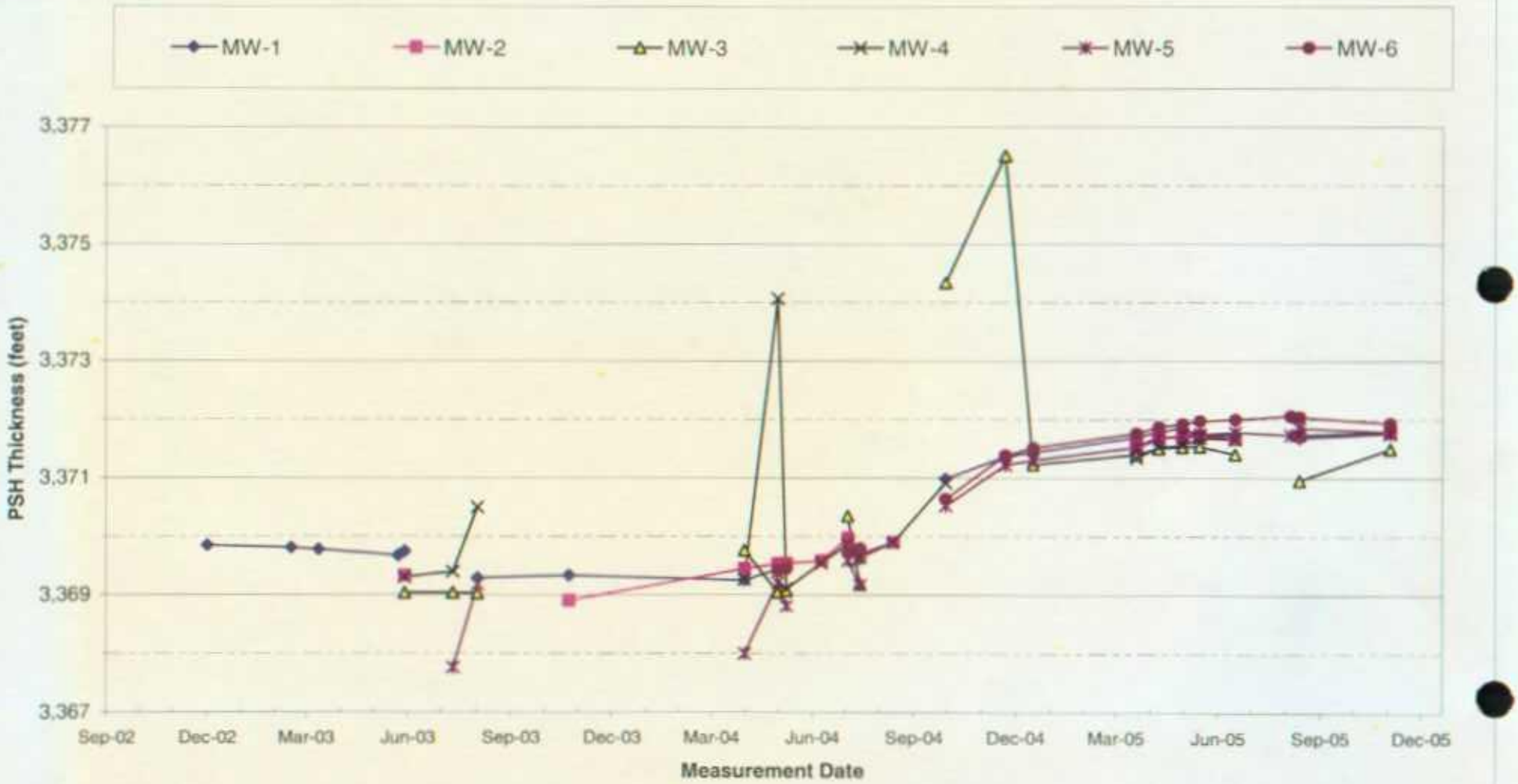

Figure 18: Hydrograph for Groundwater Monitoring Wells MW-1 through MW-6, from September 12, 2002 to December 31, 2005, Plains Pipeline, L.P., Hugh Gathering (ref. #2002-10235), Lea County, New Mexico.

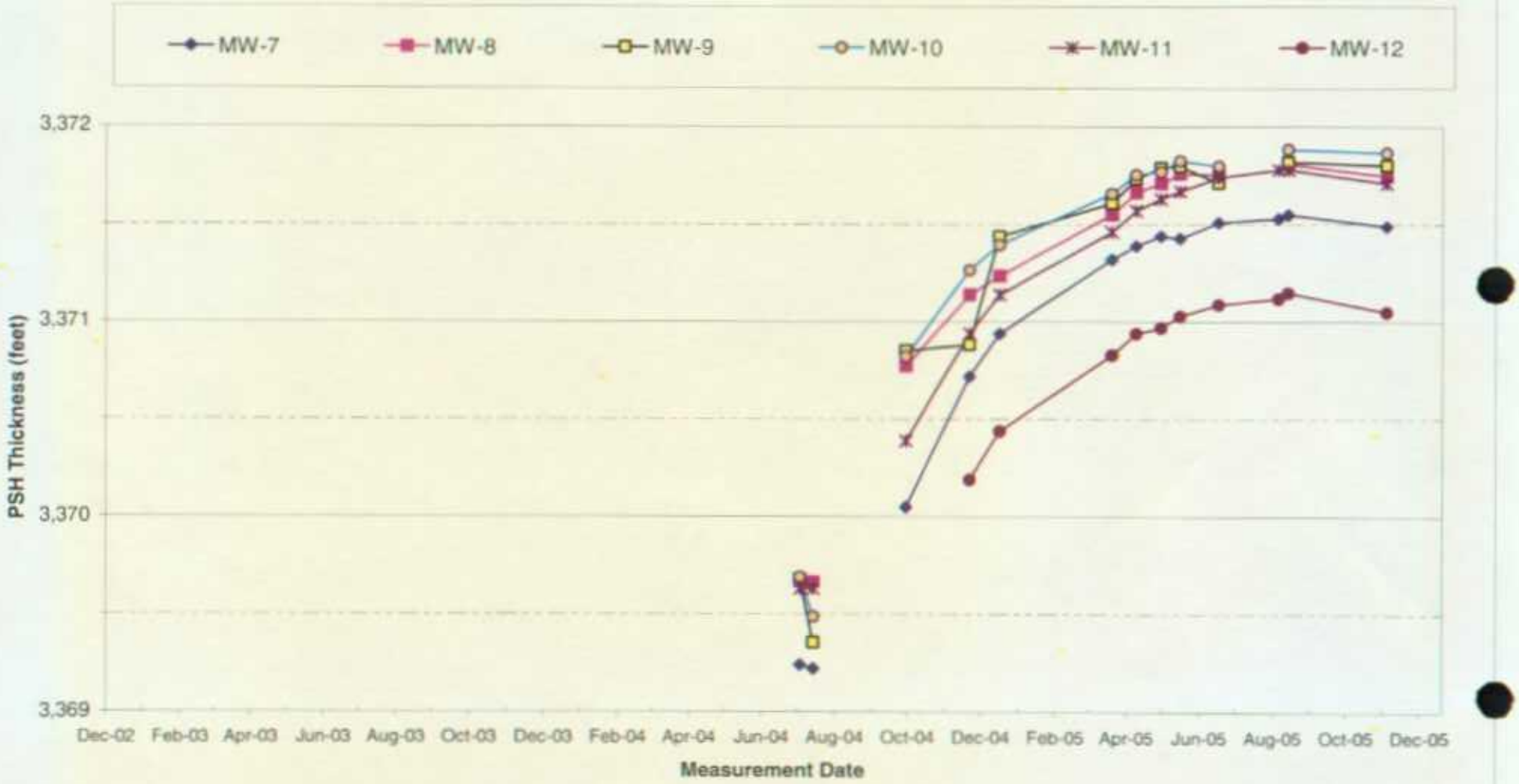

Figure 19: Hydrograph for Groundwater Monitoring Wells MW-7 through MW-12, from September 12, 2002 to December 31, 2005, Plains Pipeline, L.P., Hugh Gathering (ref. #2002-10235), Lea County, New Mexico.

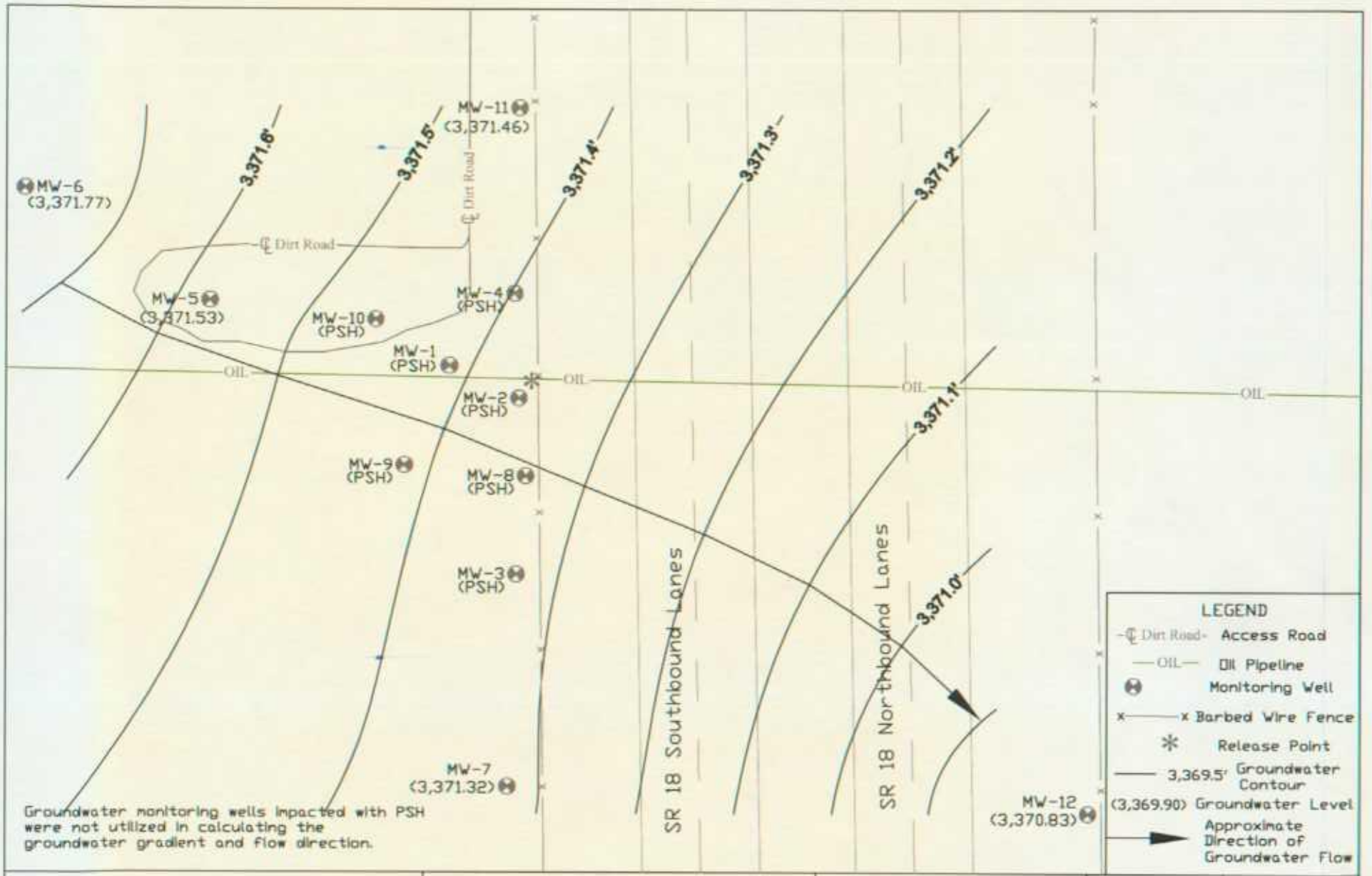

Figure 20 Groundwater Gradient Map - March 31, 2005 Plains Pipeline, L.P. Hugh Gathering #2002-10235	Lea County, New Mexico SE¼ of the SE¼ , Sec. 11, T21S, R37E N 32° 29' 11.0" W 103° 07' 33.8" Elevation: ~3,425 feet-amsl	DWG By: Iain Olness September 2004	REVISED February 2006	N
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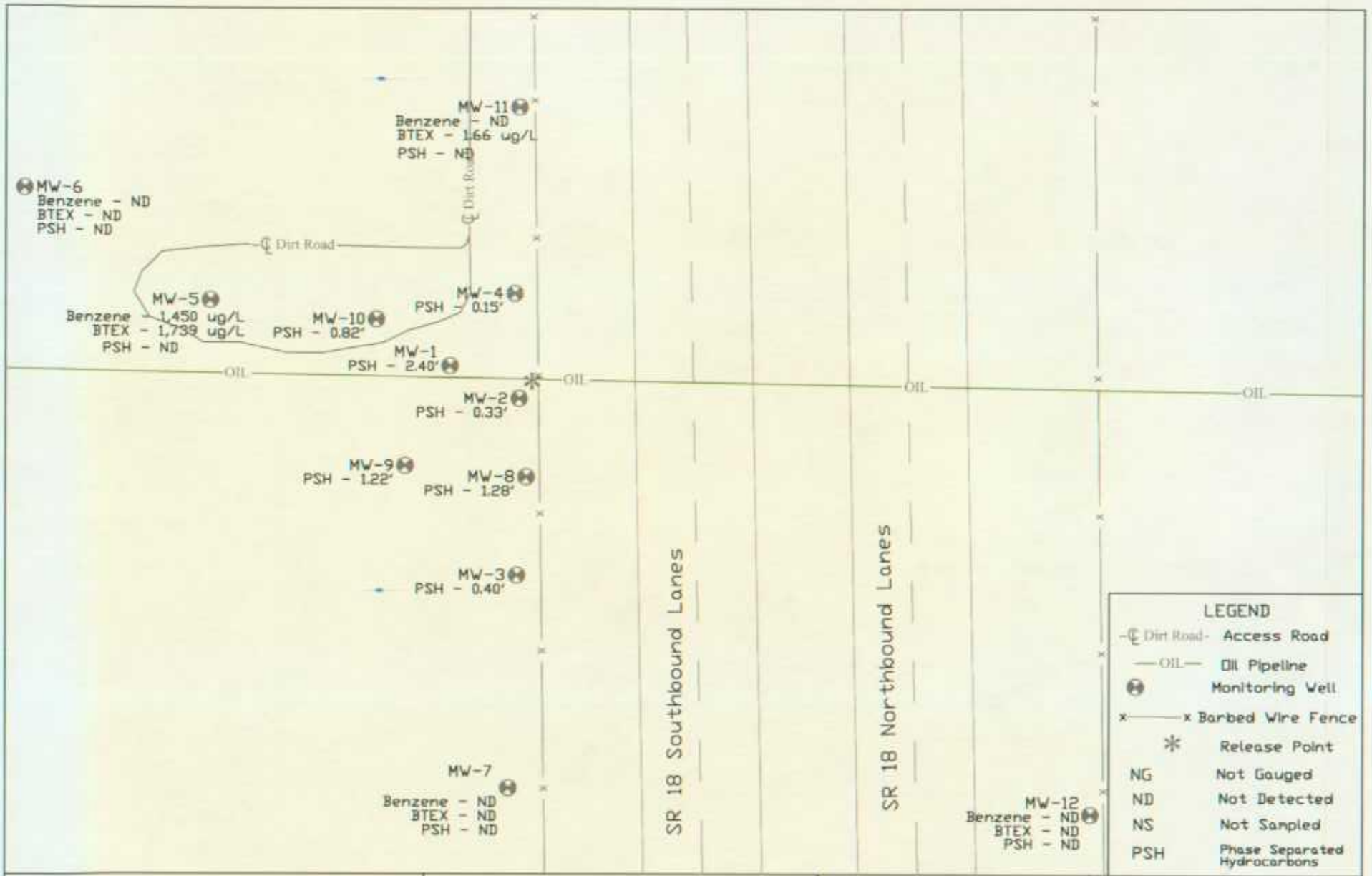

Figure 21

Contaminant Concentration Map - March 31, 2005

Plains Pipeline, L.P.

Hugh Gathering #2002-10235

Lea County, New Mexico

SE¼ of the SE¼, Sec. 11, T21S, R37E

N 32° 29' 11.0" W 103° 07' 33.8"

Elevation: ~3,425 feet-amsl

DWG By: Iain Olness

September 2004

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February 2006

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Feet

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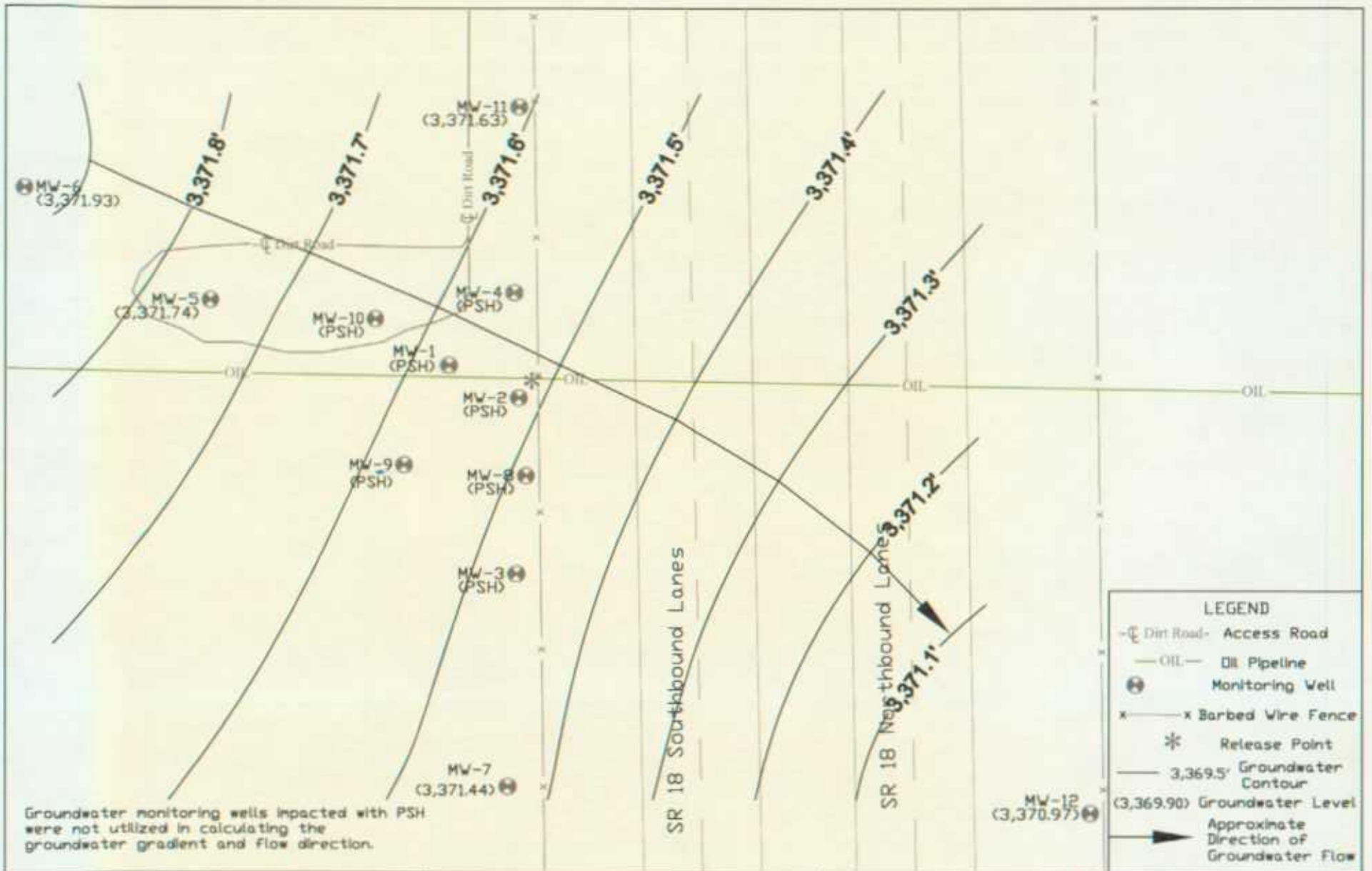

Figure 22 Groundwater Gradient Map - May 11, 2005 Plains Pipeline, L.P. Hugh Gathering #2002-10235	Lea County, New Mexico SE¼ of the SE¼ , Sec. 11, T21S, R37E N 32° 29' 11.0" W 103° 07' 33.8" Elevation: ~3,425 feet-amsl	DWG By: Iain Olness September 2004	REVISED February 2006	N
		0 50 100 Feet	SHEET 1 of 1	

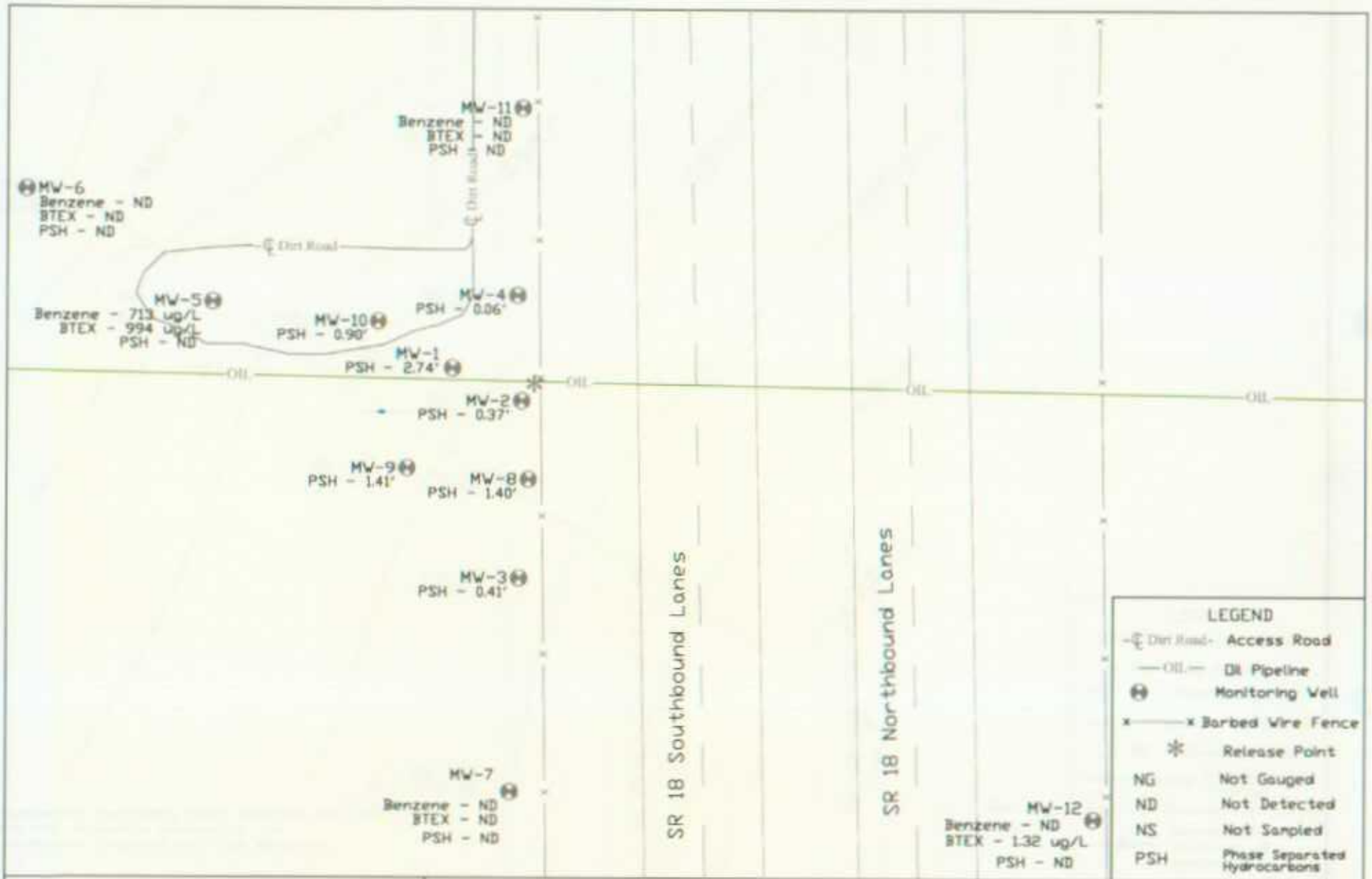

Figure 23
Contaminant Concentration Map - May 11, 2005
Plains Pipeline, L.P.
Hugh Gathering #2002-10235

Lea County, New Mexico
SE¼ of the SE¼, Sec. 11, T21S, R37E
N 32° 29' 11.0" W 103° 07' 33.8"
Elevation: ~3,425 Feet-amsl

DWG By: Iain Dinsess
September 2004

REVISED
February 2006

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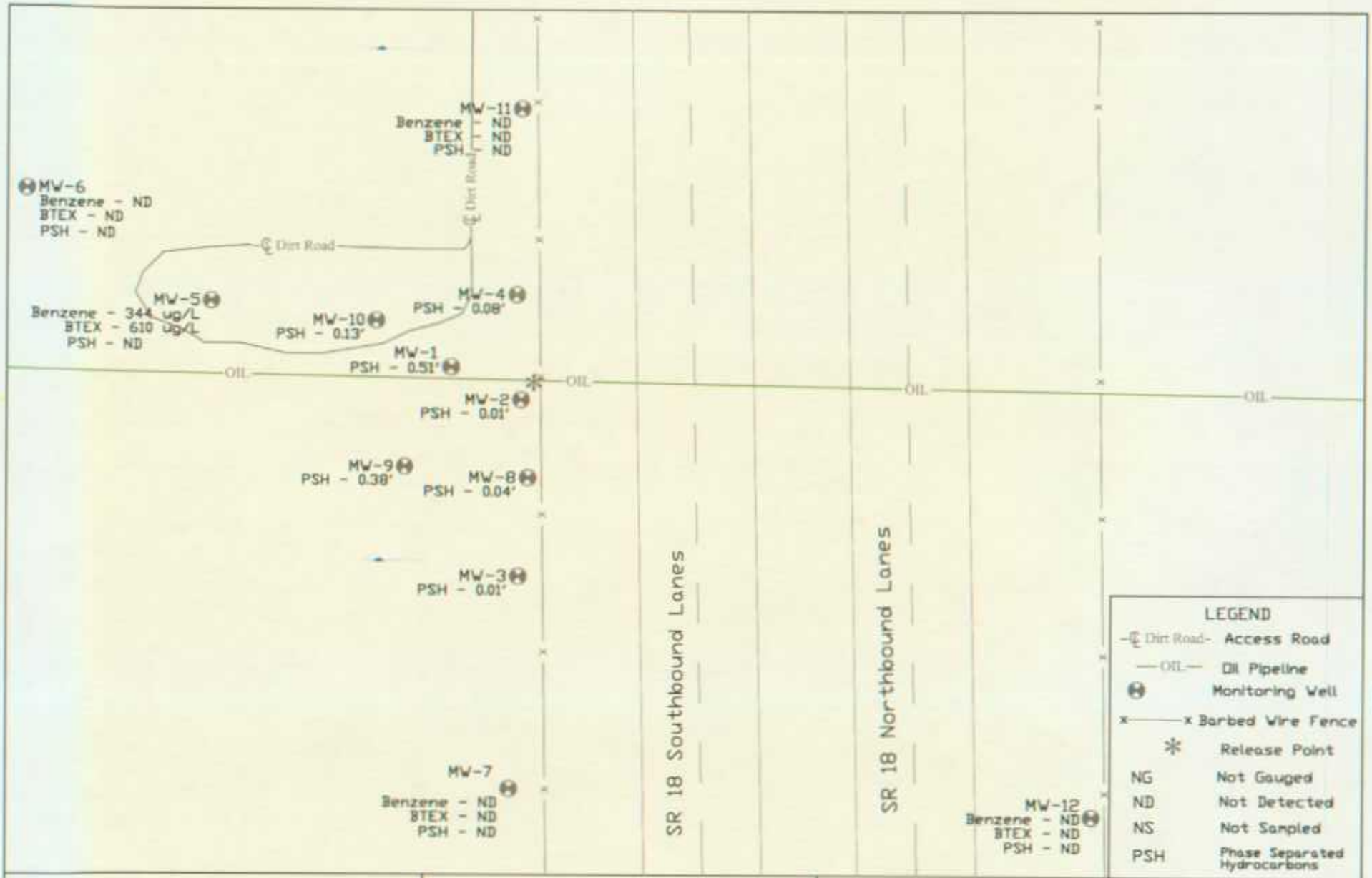

Figure 27
Contaminant Concentration Map - November 15, 2005
Plains Pipeline, L.P.
Hugh Gathering #2002-10235

Lea County, New Mexico
SE¼ of the SE¼ , Sec. 11, T21S, R37E
N 32° 29' 11.0" W 103° 07' 33.8"
Elevation: ~3,425 feet-amsl

DWG By: Iain Olness
September 2004

REVISED
February 2006

SHEET
1 of 1

TABLES

TABLE 1
Plains Pipeline, L.P.
Hugh Gathering - Ref. #2002-10235
Relative Groundwater Elevations and
Phase Separated Hydrocarbon Thicknesses

Monitoring Well #	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)*	Phase Separated Hydrocarbon Thickness (feet)
MW-1	13-Dec-02	3,429.95	59.33	67.10	3,369.84	7.77
	27-Feb-03		59.42	66.63	3,369.81	7.21
	24-Mar-03		59.51	66.15	3,369.78	6.64
	04-Jun-03		59.70	65.48	3,369.67	5.78
	10-Jun-03		60.16	60.62	3,369.74	0.46
	23-Jul-03					
	14-Aug-03		60.53	61.86	3,369.29	1.33
	04-Nov-03		60.17	64.64	3,369.33	4.47
	12-Apr-04		60.25	64.68	3,369.26	4.43
	12-May-04		60.07	64.46	3,369.44	4.39
	20-May-04		60.03	64.63	3,369.46	4.60
	21-Jun-04					
	15-Jul-04		59.67	63.83	3,369.86	4.16
	26-Jul-04		59.91	64.08	3,369.62	4.17
	25-Aug-04					
	11-Oct-04		58.59	62.30	3,370.99	3.71
	03-Dec-04		58.29	61.22	3,371.37	2.93
	28-Dec-04		58.19	61.35	3,371.44	3.16
	31-Mar-05		58.01	60.41	3,371.70	2.40
	20-Apr-05		57.90	60.40	3,371.80	2.50
	11-May-05		57.81	60.55	3,371.87	2.74
	27-May-05		58.18	58.57	3,371.73	0.39
	28-Jun-05		58.17	58.51	3,371.75	0.34
	17-Aug-05					
	25-Aug-05		58.13	59.40	3,371.69	1.27
	15-Nov-05		58.13	58.64	3,371.77	0.51
MW-2	13-Dec-02	3,429.97				
	27-Feb-03					
	24-Mar-03					
	04-Jun-03					
	10-Jun-03	3,429.97	60.57	61.27	3,369.33	0.70
	23-Jul-03					
	14-Aug-03					
	04-Nov-03		60.71	64.28	3,368.90	3.57
	12-Apr-04		60.22	63.22	3,369.45	3.00
	12-May-04		60.15	62.98	3,369.54	2.83
	20-May-04		60.11	63.32	3,369.54	3.21
	21-Jun-04		60.06	63.31	3,369.59	3.25
	15-Jul-04		59.68	62.89	3,369.97	3.21
	26-Jul-04		59.96	63.04	3,369.70	3.08
	25-Aug-04		59.83	62.21	3,369.90	2.38
	11-Oct-04					
	03-Dec-04					
	28-Dec-04					
	31-Mar-05		58.39	58.72	3,371.55	0.33
	20-Apr-05		58.22	58.54	3,371.72	0.32
	11-May-05		58.24	58.61	3,371.69	0.37
	27-May-05		58.20	58.47	3,371.74	0.27
	28-Jun-05		58.29	58.36	3,371.67	0.07
	17-Aug-05					
	25-Aug-05		58.23	58.24	3,371.74	0.01
	15-Nov-05		--	58.18	3,371.79	--

TABLE 1
Plains Pipeline, L.P.
Hugh Gathering - Ref. #2002-10235
Relative Groundwater Elevations and
Phase Separated Hydrocarbon Thicknesses

Monitoring Well #	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)*	Phase Separated Hydrocarbon Thickness (feet)
MW-3	13-Dec-02	3,429.89				
	27-Feb-03					
	24-Mar-03					
	04-Jun-03					
	10-Jun-03	3,429.89		60.85	3,369.04	
	23-Jul-03	3,429.89	--	60.85	3,369.04	Oil Sheen
	14-Aug-03		--	60.86	3,369.03	--
	04-Nov-03					
	12-Apr-04		59.96	61.64	3,369.76	1.68
	12-May-04		60.75	61.66	3,369.05	0.91
	20-May-04		60.72	61.72	3,369.07	1.00
	21-Jun-04					
	15-Jul-04		59.31	61.62	3,370.35	2.31
	26-Jul-04		60.58	61.82	3,369.19	1.24
	25-Aug-04					
	11-Oct-04		55.41	56.86	3,374.34	1.45
	03-Dec-04		53.24	54.65	3,376.51	1.41
	28-Dec-04		58.52	59.92	3,371.23	1.40
	31-Mar-05		58.45	58.85	3,371.40	0.40
	20-Apr-05		58.34	58.77	3,371.51	0.43
	11-May-05		58.32	58.73	3,371.53	0.41
	27-May-05		58.31	58.68	3,371.54	0.37
	28-Jun-05		58.48	58.50	3,371.41	0.02
	17-Aug-05					
	25-Aug-05		58.93	58.94	3,370.96	0.01
	15-Nov-05		--	58.39	3,371.50	--
MW-4	13-Dec-02	3,430.36				
	27-Feb-03					
	24-Mar-03					
	04-Jun-03					
	10-Jun-03	3,430.36	61.03	61.26	3,369.31	0.23
	23-Jul-03		60.65	63.80	3,369.40	3.15
	14-Aug-03		59.82	60.24	3,370.50	0.42
	04-Nov-03					
	12-Apr-04		60.76	64.11	3,369.27	3.35
	12-May-04		55.18	66.31	3,374.07	11.13
	20-May-04		60.51	67.95	3,369.11	7.44
	21-Jun-04		60.24	66.05	3,369.54	5.81
	15-Jul-04		59.91	65.72	3,369.87	5.81
	26-Jul-04		60.16	65.78	3,369.64	5.62
	25-Aug-04		59.89	65.61	3,369.90	5.72
	11-Oct-04		58.85	64.82	3,370.91	5.97
	03-Dec-04					
	28-Dec-04					
	31-Mar-05		59.00	59.15	3,371.35	0.15
	20-Apr-05		58.82	58.91	3,371.53	0.09
	11-May-05		58.80	58.86	3,371.55	0.06
	27-May-05		58.67	58.72	3,371.69	0.05
	28-Jun-05		58.68	58.82	3,371.67	0.14
	17-Aug-05					
	25-Aug-05		58.61	58.71	3,371.74	0.10
	15-Nov-05		58.59	58.67	3,371.76	0.08

TABLE 1
Plains Pipeline, L.P.
Hugh Gathering - Ref. #2002-10235
Relative Groundwater Elevations and
Phase Separated Hydrocarbon Thicknesses

Monitoring Well #	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)*	Phase Separated Hydrocarbon Thickness (feet)
MW-5	13-Dec-02	3,428.93				
	27-Feb-03					
	24-Mar-03					
	04-Jun-03					
	10-Jun-03					
	23-Jul-03	3,428.93	--	61.17	3,367.76	--
	14-Aug-03		--	59.75	3,369.18	--
	04-Nov-03					
	12-Apr-04		--	60.93	3,368.00	--
	12-May-04		--	59.72	3,369.21	--
	20-May-04		--	60.12	3,368.81	--
	21-Jun-04					
	15-Jul-04		--	59.34	3,369.59	--
	26-Jul-04		--	59.76	3,369.17	--
	25-Aug-04					
	11-Oct-04		--	58.40	3,370.53	--
	03-Dec-04		--	57.71	3,371.22	--
	28-Dec-04		--	57.62	3,371.31	--
	31-Mar-05		--	57.40	3,371.53	--
	20-Apr-05		--	57.25	3,371.68	--
	11-May-05		--	57.19	3,371.74	--
	27-May-05		--	57.18	3,371.75	--
	28-Jun-05		--	57.14	3,371.79	--
	17-Aug-05		--	57.19	3,371.74	--
	25-Aug-05		--	57.07	3,371.86	--
	15-Nov-05		--	57.14	3,371.79	--
MW-6	13-Dec-02	3,429.24				
	27-Feb-03					
	24-Mar-03					
	04-Jun-03					
	10-Jun-03					
	23-Jul-03					
	14-Aug-03					
	04-Nov-03					
	12-Apr-04					
	12-May-04	3,429.24	--	59.83	3,369.41	--
	20-May-04		--	59.79	3,369.45	--
	21-Jun-04					
	15-Jul-04		--	59.49	3,369.75	--
	26-Jul-04		--	59.44	3,369.80	--
	25-Aug-04					
	11-Oct-04		--	58.60	3,370.64	--
	03-Dec-04		--	57.85	3,371.39	--
	28-Dec-04		--	57.72	3,371.52	--
	31-Mar-05		--	57.47	3,371.77	--
	20-Apr-05		--	57.36	3,371.88	--
	11-May-05		--	57.31	3,371.93	--
	27-May-05		--	57.26	3,371.98	--
	28-Jun-05		--	57.23	3,372.01	--
	17-Aug-05		--	57.17	3,372.07	--
	25-Aug-05		--	57.19	3,372.05	--
	15-Nov-05		--	57.30	3,371.94	--

TABLE 1
Plains Pipeline, L.P.
Hugh Gathering - Ref. #2002-10235
Relative Groundwater Elevations and
Phase Separated Hydrocarbon Thicknesses

Monitoring Well #	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)*	Phase Separated Hydrocarbon Thickness (feet)
MW-7	13-Dec-02	3,429.80				
	27-Feb-03					
	24-Mar-03					
	04-Jun-03					
	10-Jun-03					
	23-Jul-03					
	14-Aug-03					
	04-Nov-03					
	12-Apr-04					
	12-May-04					
	20-May-04					
	21-Jun-04					
	15-Jul-04	3,429.80	--	60.56	3,369.24	--
	26-Jul-04		--	60.58	3,369.22	--
	25-Aug-04					
	11-Oct-04		--	59.75	3,370.05	--
	03-Dec-04		--	59.08	3,370.72	--
	28-Dec-04		--	58.86	3,370.94	--
	31-Mar-05		--	58.48	3,371.32	--
	20-Apr-05		--	58.41	3,371.39	--
	11-May-05		--	58.36	3,371.44	--
	27-May-05		--	58.37	3,371.43	--
	28-Jun-05		--	58.29	3,371.51	--
	17-Aug-05		--	58.27	3,371.53	--
	25-Aug-05		--	58.25	3,371.55	--
	15-Nov-05		--	58.31	3,371.49	--
MW-8	13-Dec-02	3,430.21				
	27-Feb-03					
	24-Mar-03					
	04-Jun-03					
	10-Jun-03					
	23-Jul-03					
	14-Aug-03					
	04-Nov-03					
	12-Apr-04					
	12-May-04					
	20-May-04					
	21-Jun-04					
	15-Jul-04	3,430.21	60.41	61.74	3,369.67	1.33
	26-Jul-04		60.54	60.60	3,369.66	0.06
	25-Aug-04					
	11-Oct-04		59.16	61.91	3,370.78	2.75
	03-Dec-04		58.90	60.60	3,371.14	1.70
	28-Dec-04		58.83	60.26	3,371.24	1.43
	31-Mar-05		58.53	59.81	3,371.55	1.28
	20-Apr-05		58.41	59.76	3,371.67	1.35
	11-May-05		58.36	59.76	3,371.71	1.40
	27-May-05		58.31	59.72	3,371.76	1.41
	28-Jun-05		58.38	59.13	3,371.76	0.75
	17-Aug-05					
	25-Aug-05		58.32	59.13	3,371.81	0.81
	15-Nov-05		58.46	58.50	3,371.75	0.04

TABLE 1
Plains Pipeline, L.P.
Hugh Gathering - Ref. #2002-10235
Relative Groundwater Elevations and
Phase Separated Hydrocarbon Thicknesses

Monitoring Well #	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)*	Phase Separated Hydrocarbon Thickness (feet)
MW-9	13-Dec-02	3,429.88				
	27-Feb-03					
	24-Mar-03					
	04-Jun-03					
	10-Jun-03					
	23-Jul-03					
	14-Aug-03					
	04-Nov-03					
	12-Apr-04					
	12-May-04					
	20-May-04					
	21-Jun-04					
	15-Jul-04	3,429.88	60.05	61.56	3,369.68	1.51
	26-Jul-04		60.50	60.75	3,369.36	0.25
	25-Aug-04					
	11-Oct-04		58.65	62.45	3,370.85	3.80
	03-Dec-04		58.72	61.49	3,370.88	2.77
	28-Dec-04		58.12	61.34	3,371.44	3.22
	31-Mar-05		58.15	59.37	3,371.61	1.22
	20-Apr-05		58.01	59.38	3,371.73	1.37
	11-May-05		57.95	59.36	3,371.79	1.41
	27-May-05		57.93	59.47	3,371.80	1.54
	28-Jun-05		58.16	58.24	3,371.71	0.08
	17-Aug-05					
	25-Aug-05		58.05	58.17	3,371.82	0.12
	15-Nov-05		58.04	58.42	3,371.80	0.38
MW-10	13-Dec-02	3,430.65				
	27-Feb-03					
	24-Mar-03					
	04-Jun-03					
	10-Jun-03					
	23-Jul-03					
	14-Aug-03					
	04-Nov-03					
	12-Apr-04					
	12-May-04					
	20-May-04					
	21-Jun-04					
	15-Jul-04	3,430.65	60.92	61.32	3,369.69	0.40
	26-Jul-04		61.16	61.20	3,369.49	0.04
	25-Aug-04					
	11-Oct-04		59.55	62.31	3,370.82	2.76
	03-Dec-04		59.25	60.59	3,371.27	1.34
	28-Dec-04		59.12	60.46	3,371.40	1.34
	31-Mar-05		58.91	59.73	3,371.66	0.82
	20-Apr-05		58.81	59.67	3,371.75	0.86
	11-May-05		58.79	59.69	3,371.77	0.90
	27-May-05		58.73	59.67	3,371.83	0.94
	28-Jun-05		58.84	58.95	3,371.80	0.11
	17-Aug-05					
	25-Aug-05		58.76	58.81	3,371.89	0.05
	15-Nov-05		58.77	58.90	3,371.87	0.13

TABLE 1
Plains Pipeline, L.P.
Hugh Gathering - Ref. #2002-10235
Relative Groundwater Elevations and
Phase Separated Hydrocarbon Thicknesses

Monitoring Well #	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)*	Phase Separated Hydrocarbon Thickness (feet)
MW-11	13-Dec-02	3,430.94				
	27-Feb-03					
	24-Mar-03					
	04-Jun-03					
	10-Jun-03					
	23-Jul-03					
	14-Aug-03					
	04-Nov-03					
	12-Apr-04					
	12-May-04					
	20-May-04					
	21-Jun-04					
	15-Jul-04	3,430.94	--	61.31	3,369.63	--
	26-Jul-04		--	61.31	3,369.63	--
	25-Aug-04					
	11-Oct-04		--	60.55	3,370.39	--
	03-Dec-04		--	60.00	3,370.94	--
	28-Dec-04		--	59.80	3,371.14	--
	31-Mar-05		--	59.48	3,371.46	--
	20-Apr-05		--	59.37	3,371.57	--
	11-May-05		--	59.31	3,371.63	--
	27-May-05		--	59.27	3,371.67	--
	28-Jun-05		--	59.20	3,371.74	--
	17-Aug-05		--	59.16	3,371.78	--
	25-Aug-05		--	59.16	3,371.78	--
	15-Nov-05		--	59.23	3,371.71	--
MW-12	13-Dec-02	3,426.30				
	27-Feb-03					
	24-Mar-03					
	04-Jun-03					
	10-Jun-03					
	23-Jul-03					
	14-Aug-03					
	04-Nov-03					
	12-Apr-04					
	12-May-04					
	20-May-04					
	21-Jun-04					
	15-Jul-04					
	26-Jul-04					
	25-Aug-04					
	11-Oct-04					
	03-Dec-04	3,426.47	--	56.11	3,370.19	--
	28-Dec-04		--	55.86	3,370.44	--
	31-Mar-05		--	55.47	3,370.83	--
	20-Apr-05		--	55.36	3,370.94	--
	11-May-05		--	55.33	3,370.97	--
	27-May-05		--	55.27	3,371.03	--
	28-Jun-05		--	55.21	3,371.09	--
	17-Aug-05		--	55.18	3,371.12	--
	25-Aug-05		--	55.15	3,371.15	--
	15-Nov-05		--	55.25	3,371.05	--

* = Wells are referenced to the TOC of groundwater monitoring well MW-2, which was set to an elevation of 3429.97 feet amsl.

Yellow highlight indicates a 2005 sampling event.

-- = Not Detected

TABLE 2
Plains Pipeline, L.P.
Hugh Gathering - Ref. #2002-10235
Summary of Groundwater Analytical Results

Monitoring Well #	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	m,p-Xylenes (ug/L)	o-Xylene (ug/L)	Total Xylenes (ug/L)	TPH as Diesel (mg/L)	TPH as Gasoline (mg/L)	Total TPH (mg/L)
MW-1	12-Sep-02	WELL INSTALLED 12 SEPTEMBER 2002								
	23-Jul-03	NOT SAMPLED DUE TO PSH								
	20-May-04	NOT SAMPLED DUE TO PSH								
	26-Jul-04	NOT SAMPLED DUE TO PSH								
	11-Oct-04	NOT SAMPLED DUE TO PSH								
	28-Dec-04	NOT SAMPLED DUE TO PSH								
	31-Mar-05	NOT SAMPLED DUE TO PSH								
	11-May-05	NOT SAMPLED DUE TO PSH								
	17-Aug-05	NOT SAMPLED DUE TO PSH								
	15-Nov-05	NOT SAMPLED DUE TO PSH								
MW-2	5-Jun-03	WELL INSTALLED 5 JUNE 2003								
	23-Jul-03	NOT SAMPLED DUE TO PSH								
	20-May-04	NOT SAMPLED DUE TO PSH								
	26-Jul-04	NOT SAMPLED DUE TO PSH								
	11-Oct-04	NOT SAMPLED DUE TO PSH								
	28-Dec-04	NOT SAMPLED DUE TO PSH								
	31-Mar-05	NOT SAMPLED DUE TO PSH								
	11-May-05	NOT SAMPLED DUE TO PSH								
	17-Aug-05	NOT SAMPLED DUE TO PSH								
	15-Nov-05	NOT SAMPLED DUE TO PSH								
MW-3	9-Jun-03	WELL INSTALLED 9 JUNE 2003								
	23-Jul-03	112	361	138	158	91.9	250	3.95	2.29	6.24
	20-May-04	NOT SAMPLED DUE TO PSH								
	26-Jul-04	NOT SAMPLED DUE TO PSH								
	11-Oct-04	NOT SAMPLED DUE TO PSH								
	28-Dec-04	NOT SAMPLED DUE TO PSH								
	31-Mar-05	NOT SAMPLED DUE TO PSH								
	11-May-05	NOT SAMPLED DUE TO PSH								
	17-Aug-05	NOT SAMPLED DUE TO PSH								
	15-Nov-05	NOT SAMPLED DUE TO PSH								
MW-4	6-Jun-03	WELL INSTALLED 6 JUNE 2003								
	23-Jul-03	NOT SAMPLED DUE TO PSH								
	20-May-04	NOT SAMPLED DUE TO PSH								
	26-Jul-04	NOT SAMPLED DUE TO PSH								
	11-Oct-04	NOT SAMPLED DUE TO PSH								
	28-Dec-04	NOT SAMPLED DUE TO PSH								
	31-Mar-05	NOT SAMPLED DUE TO PSH								
	11-May-05	NOT SAMPLED DUE TO PSH								
	17-Aug-05	NOT SAMPLED DUE TO PSH								
	15-Nov-05	NOT SAMPLED DUE TO PSH								
MW-5	12-Jun-03	WELL INSTALLED 12 JUNE 2003								
	23-Jul-03	35.9	87.9	20.9	24.1	20.3	44.4	1.97	3.02	4.99
	20-May-04	655	122	113	57.8	65	123	1.41	1.03	2.44
	26-Jul-04	2,940	7.15	206	20.1	226	246			
	11-Oct-04	312	<1.0	26.4	<2.0	42.7	42.7			
	28-Dec-04	1,210	4.84	121	10.3	119	129			
	31-Mar-05	1,450	4.70	266	5.04	13.5	18.5			
	11-May-05	713	25.1	209	11.4	44.6	56.0			
	17-Aug-05	331	37.7	107	24.2	23.9	48.1			
	15-Nov-05	334	60.3	117	42.1	56.7	98.8			
MW-6	29-Apr-04				WELL INSTALLED 29 APRIL 2004					
	20-May-04		WAITING TO INSTALL MONITORING WELLS MW-7 THROUGH MW-11 TO SAMPLE							
	26-Jul-04	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
	11-Oct-04	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
	28-Dec-04	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
	31-Mar-05	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
	11-May-05	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
	17-Aug-05	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
	15-Nov-05	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			

TABLE 2
Plains Pipeline, L.P.
Hugh Gathering - Ref. #2002-10235
Summary of Groundwater Analytical Results

Monitoring Well #	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	m,p-Xylenes (ug/L)	o-Xylene (ug/L)	Total Xylenes (ug/L)	TPH as Diesel (mg/L)	TPH as Gasoline (mg/L)	Total TPH (mg/L)
MW-7	20-May-04	WELL INSTALLED 23 JUNE 2004								
	26-Jul-04	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
	11-Oct-04	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
	28-Dec-04	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
	31-Mar-05	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
	11-May-05	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
	17-Aug-05	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
	15-Nov-05	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
MW-8	25-Jun-04	WELL INSTALLED 25 JUNE 2004								
	26-Jul-04	NOT SAMPLED DUE TO PSH								
	11-Oct-04	NOT SAMPLED DUE TO PSH								
	28-Dec-04	NOT SAMPLED DUE TO PSH								
	31-Mar-05	NOT SAMPLED DUE TO PSH								
	11-May-05	NOT SAMPLED DUE TO PSH								
	17-Aug-05	NOT SAMPLED DUE TO PSH								
	15-Nov-05	NOT SAMPLED DUE TO PSH								
MW-9	28-Jun-04	WELL INSTALLED 28 JUNE 2004								
	26-Jul-04	NOT SAMPLED DUE TO PSH								
	11-Oct-04	NOT SAMPLED DUE TO PSH								
	28-Dec-04	NOT SAMPLED DUE TO PSH								
	31-Mar-05	NOT SAMPLED DUE TO PSH								
	11-May-05	NOT SAMPLED DUE TO PSH								
	17-Aug-05	NOT SAMPLED DUE TO PSH								
	15-Nov-05	NOT SAMPLED DUE TO PSH								
MW-10	29-Jun-04	WELL INSTALLED 29 JUNE 2004								
	26-Jul-04	NOT SAMPLED DUE TO PSH								
	11-Oct-04	NOT SAMPLED DUE TO PSH								
	28-Dec-04	NOT SAMPLED DUE TO PSH								
	31-Mar-05	NOT SAMPLED DUE TO PSH								
	11-May-05	NOT SAMPLED DUE TO PSH								
	17-Aug-05	NOT SAMPLED DUE TO PSH								
	15-Nov-05	NOT SAMPLED DUE TO PSH								
MW-11	24-Jun-04	WELL INSTALLED 24 JUNE 2004								
	26-Jul-04	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
	11-Oct-04	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
	28-Dec-04	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
	31-Mar-05	<1.0	1.66	<1.0	<2.0	<1.0	<3.0			
	11-May-05	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
	17-Aug-05	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
	15-Nov-05	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
MW-12	1-Dec-04	WELL INSTALLED 01 DECEMBER 2004								
	3-Dec-04	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
	31-Mar-05	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
	11-May-05	<1.0	1.32	<1.0	<2.0	<1.0	<3.0			
	15-Aug-05	<1.0	<1.0	<1.0	<2.1	<1.1	<3.1			
	15-Nov-05	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0			
NMWQCC Standard		10.0	750	750			620			

***Bolded** values highlighted in red are in excess of the NMWQCC groundwater standards per NMAC 20.6.2.3103.*

PSH = Phase Separated Hydrocarbon

Blank cell indicates the analysis was not performed.

NMWQCC - New Mexico Water Quality Control Commission

- - = Parameter was not analyzed

TABLE 3
Plains Pipeline, L.P.
Hugh Gathering - Ref. #2002-10235
Summary of Groundwater Polynuclear-Aromatic Hydrocarbons (PAH) Analytical Results

Monitoring Well	Sample Date	Napthalene	Acenaphthylene	Acenapthene	Flourene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo[a]-anthracene	Chrysene	Benzo[b]-fluoranthene	Benzo[j,k]-fluoranthene	Benzo[e]-pyrene	Indeno[1,2,3-cd]-pyrene	Dibenz[a,h]-anthracene	Benzo[g,h,i]-perylene
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-1	12-Sep-02	WELL INSTALLED 12 SEPTEMBER 2002															
	23-Jul-03	NOT SAMPLED DUE TO PSH															
	20-May-04	NOT SAMPLED DUE TO PSH															
	26-Jul-04	NOT SAMPLED DUE TO PSH															
	11-Oct-04	NOT SAMPLED DUE TO PSH															
	28-Dec-04	NOT SAMPLED DUE TO PSH															
	31-Mar-05	NOT SAMPLED DUE TO PSH															
	11-May-05	NOT SAMPLED DUE TO PSH															
	17-Aug-05	NOT SAMPLED DUE TO PSH															
	15-Nov-05	NOT SAMPLED DUE TO PSH															
MW-2	5-Jun-03	WELL INSTALLED 5 JUNE 2003															
	23-Jul-03	NOT SAMPLED DUE TO PSH															
	20-May-04	NOT SAMPLED DUE TO PSH															
	26-Jul-04	NOT SAMPLED DUE TO PSH															
	11-Oct-04	NOT SAMPLED DUE TO PSH															
	28-Dec-04	NOT SAMPLED DUE TO PSH															
	31-Mar-05	NOT SAMPLED DUE TO PSH															
	11-May-05	NOT SAMPLED DUE TO PSH															
	17-Aug-05	NOT SAMPLED DUE TO PSH															
	15-Nov-05	NOT SAMPLED DUE TO PSH															
MW-3	9-Jun-03	WELL INSTALLED 9 JUNE 2003															
	23-Jul-03	NOT ANALYZED															
	20-May-04	NOT SAMPLED DUE TO PSH															
	26-Jul-04	NOT SAMPLED DUE TO PSH															
	11-Oct-04	NOT SAMPLED DUE TO PSH															
	28-Dec-04	NOT SAMPLED DUE TO PSH															
	31-Mar-05	NOT SAMPLED DUE TO PSH															
	11-May-05	NOT SAMPLED DUE TO PSH															
	17-Aug-05	NOT SAMPLED DUE TO PSH															
	15-Nov-05	NOT SAMPLED DUE TO PSH															
MW-4	6-Jun-03	WELL INSTALLED 6 JUNE 2003															
	23-Jul-03	NOT SAMPLED DUE TO PSH															
	20-May-04	NOT SAMPLED DUE TO PSH															
	26-Jul-04	NOT SAMPLED DUE TO PSH															
	11-Oct-04	NOT SAMPLED DUE TO PSH															
	28-Dec-04	NOT SAMPLED DUE TO PSH															
	31-Mar-05	NOT SAMPLED DUE TO PSH															
	11-May-05	NOT SAMPLED DUE TO PSH															
	17-Aug-05	NOT SAMPLED DUE TO PSH															
	15-Nov-05	NOT SAMPLED DUE TO PSH															
MW-5	12-Jun-03	WELL INSTALLED 12 JUNE 2003															
	23-Jul-03	NOT ANALYZED															
	20-May-04	NOT ANALYZED															
	26-Jul-04	31.0	0.056	0.096	0.45	0.353	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	11-Oct-04	NOT ANALYZED															
	28-Dec-04	NOT ANALYZED															
	31-Mar-05	NOT ANALYZED															
	11-May-05	0.66	<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
	17-Aug-05	NOT ANALYZED															
	15-Nov-05	NOT ANALYZED															

TABLE 3
Plains Pipeline, L.P.
Hugh Gathering - Ref. #2002-10235
Summary of Groundwater Polynuclear-Aromatic Hydrocarbons (PAH) Analytical Results

Monitoring Well	Sample Date	Naphthalene (µg/L)	Acenaphthylene (µg/L)	Acenaphthene (µg/L)	Fluorene (µg/L)	Phenanthrene (µg/L)	Anthracene (µg/L)	Fluoranthene (µg/L)	Pyrene (µg/L)	Benzo[a]-anthracene (µg/L)	Chrysene (µg/L)	Benzo[b]-fluoranthene (µg/L)	Benzo[j,k]-fluoranthene (µg/L)	Benzo[a]-pyrene (µg/L)	Indeno[1,2,3-cd]-pyrene (µg/L)	Dibenz[a,h]-anthracene (µg/L)	Benzo[g,h,i]-perylene (µg/L)
MW-6	29-Apr-04	WELL INSTALLED 29 APRIL 2004															
	20-May-04	WAITING TO INSTALL MONITORING WELLS MW-7 THROUGH MW-11 TO SAMPLE															
	26-Jul-04	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	11-Oct-04	NOT ANALYZED															
	28-Dec-04	NOT ANALYZED															
	31-Mar-05	NOT ANALYZED															
	11-May-05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	17-Aug-05	NOT ANALYZED															
	15-Nov-05	NOT ANALYZED															
MW-7	23-Jun-04	WELL INSTALLED 23 JUNE 2004															
	26-Jul-04	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	11-Oct-04	NOT ANALYZED															
	28-Dec-04	NOT ANALYZED															
	31-Mar-05	NOT ANALYZED															
	11-May-05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	17-Aug-05	NOT ANALYZED															
	15-Nov-05	NOT ANALYZED															
MW-8	25-Jun-04	WELL INSTALLED 25 JUNE 2004															
	26-Jul-04	NOT SAMPLED DUE TO PSH															
	11-Oct-04	NOT SAMPLED DUE TO PSH															
	28-Dec-04	NOT SAMPLED DUE TO PSH															
	31-Mar-05	NOT SAMPLED DUE TO PSH															
	11-May-05	NOT SAMPLED DUE TO PSH															
	17-Aug-05	NOT SAMPLED DUE TO PSH															
	15-Nov-05	NOT SAMPLED DUE TO PSH															
MW-9	28-Jun-04	WELL INSTALLED 28 JUNE 2004															
	26-Jul-04	NOT SAMPLED DUE TO PSH															
	11-Oct-04	NOT SAMPLED DUE TO PSH															
	28-Dec-04	NOT SAMPLED DUE TO PSH															
	31-Mar-05	NOT SAMPLED DUE TO PSH															
	11-May-05	NOT SAMPLED DUE TO PSH															
	17-Aug-05	NOT SAMPLED DUE TO PSH															
	15-Nov-05	NOT SAMPLED DUE TO PSH															

TABLE 3
Plains Pipeline, L.P.
Hugh Gathering - Ref. #2002-10235
Summary of Groundwater Polynuclear-Aromatic Hydrocarbons (PAH) Analytical Results

Monitoring Well	Sample Date	Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo[a]-anthracene	Chrysene	Benzo[b]-fluoranthene	Benzo[j,k]-fluoranthene	Benzo[a]-pyrene	Indeno[1,2,3-cd]-pyrene	Dibenz[a,h]-anthracene	Benzo[g,h,i]-perylene
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-10	29-Jun-04	WELL INSTALLED 29 JUNE 2004															
	26-Jul-04	NOT SAMPLED DUE TO PSH															
	11-Oct-04	NOT SAMPLED DUE TO PSH															
	28-Dec-04	NOT SAMPLED DUE TO PSH															
	31-Mar-05	NOT SAMPLED DUE TO PSH															
	11-May-05	NOT SAMPLED DUE TO PSH															
	17-Aug-05	NOT SAMPLED DUE TO PSH															
	15-Nov-05	NOT SAMPLED DUE TO PSH															
MW-11	24-Jun-04	WELL INSTALLED 24 JUNE 2004															
	26-Jul-04	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	11-Oct-04	NOT ANALYZED															
	28-Dec-04	NOT ANALYZED															
	31-Mar-05	NOT ANALYZED															
	11-May-05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	17-Aug-05	NOT ANALYZED															
	15-Nov-05	NOT ANALYZED															
MW-12	1-Dec-04	WELL INSTALLED 1 December 2004															
	28-Dec-04	NOT ANALYZED															
	31-Mar-05	NOT ANALYZED															
	11-May-05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	17-Aug-05	NOT ANALYZED															
	15-Nov-05	NOT ANALYZED															
NMWQCC Standard		30												0.70			

Bolded values highlighted in red are in excess of the NMWQCC groundwater standards per NMAC 20.6.2.3103

PSH = Phase Separated Hydrocarbon

Blank cell indicates the analysis was not performed.

NMWQCC - New Mexico Water Quality Control Commission

TABLE 4
Plains Pipeline, L.P.
Hugh Gathering - Ref. #2002-10235
Phase Separated Hydrocarbon Thickness Declination Table

Monitoring Well #	Year	Average Phase Separated Hydrocarbon Thickness	Yearly Change	Cumulative Decline
MW-1	2002	7.77	na	-6.32
	2003	4.32	-3.46	
	2004	3.94	-0.37	
	2005	1.45	-2.49	
MW-2	2003	2.14	na	-1.91
	2004	2.99	0.86	
	2005	0.23	-2.77	
MW-3	2003	Sheen	na	-1.15
	2004	1.43	1.43	
	2005	0.27	-1.15	
MW-4	2003	1.27	na	-1.17
	2004	6.36	5.09	
	2005	0.10	-6.26	
MW-5	Not Impacted			
MW-6	Not Impacted			
MW-7	Not Impacted			
MW-8	2004	1.45	na	-0.45
	2005	1.01	-0.45	
MW-9	2004	2.31	na	-1.44
	2005	0.87	-1.44	
MW-10	2004	1.18	na	-0.63
	2005	0.54	-0.63	
MW-11	Not Impacted			
MW-12	Not Impacted			

na - not applicable

Table 5
Plains Marketing, L.P.
Hugh Gathering - Ref. #2002-10235
Recommendations and Sampling Schedule for 2006

Monitoring Well#	Eight Quarters Below NMWQCC Standards	2006 Sampling Schedule				Notes
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	
MW-1	No	--	--	--	--	Continue PSH recovery
MW-2	No	--	--	--	--	Continue PSH recovery
MW-3	No	--	--	--	--	Continue PSH recovery
MW-4	No	--	--	--	--	Continue PSH recovery
MW-5	No	X	X	X	X	Recommend Annual PAH analysis
MW-6	No	X	X	X	X	Recommend Annual PAH analysis
MW-7	No	X	X	X	X	Recommend Annual PAH analysis
MW-8	No	--	--	--	--	Continue PSH recovery
MW-9	No	--	--	--	--	Continue PSH recovery
MW-10	No	--	--	--	--	Continue PSH recovery
MW-11	No	X	X	X	X	Recommend Annual PAH analysis
MW-12	No	X	X	X	X	Recommend Annual PAH analysis

NMWQCC - New Mexico Water Quality Control Commission
PAH - Polynuclear Aromatic Hydrocarbons
PSH - Phase Separated Hydrocarbons

APPENDICES

APPENDIX I: LABORATORY REPORTS

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#: 165650 **Report Date:** 04/18/05
Project ID: 2002-10235
Sample Name: PAAHG33105MW-5
Sample Matrix: water
Date Received: 04/06/2005 **Time:** 10:00
Date Sampled: 03/31/2005 **Time:** 11:40

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	---		---		04/12/05	8260b(5030/5035)	---	---	---	---	---
Benzene	**1450**	µg/L	100	<100	04/12/05	8260b	---	0.4	93.3	103	94.8
Ethylbenzene	**266**	µg/L	100	<100	04/12/05	8260b	---	0.3	99.2	107.5	96.8
m,p-Xylenes	**5.04**	µg/L	2	<2	04/12/05	8260b	---	0.8	98.6	106.3	97.4
o-Xylene	**13.5**	µg/L	1	<1	04/12/05	8260b	---	0.5	102.4	112	100.3
Toluene	**4.7**	µg/L	1	<1	04/12/05	8260b	---	0.4	104.5	117.5	98.8

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,

Dale Wagner

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.
Attn: Iain Olness

Project ID: 2002-10235
Sample Name: PAAHG33105MW-5

Report#/Lab ID#: 165650
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.9	74-124	---
Toluene-d8	8260b	102	89-115	---

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

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#: 165651 **Report Date:** 04/18/05
Project ID: 2002-10235
Sample Name: PAAHG33105MW-6
Sample Matrix: water
Date Received: 04/06/2005 **Time:** 10:00
Date Sampled: 03/31/2005 **Time:** 12:38

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	---		---		04/12/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/12/05	8260b	---	0.4	93.3	103	94.8
Ethylbenzene	<1	µg/L	1	<1	04/12/05	8260b	---	0.3	99.2	107.5	96.8
m,p-Xylenes	<2	µg/L	2	<2	04/12/05	8260b	---	0.8	98.6	106.3	97.4
o-Xylene	<1	µg/L	1	<1	04/12/05	8260b	---	0.5	102.4	112	100.3
Toluene	<1	µg/L	1	<1	04/12/05	8260b	J	0.4	104.5	117.5	98.8

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,

Dale Wagner

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.
Attn: Iain Olness

Project ID: 2002-10235
Sample Name: PAAHG33105MW-6

Report#/Lab ID#: 165651
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.3	74-124	---
Toluene-d8	8260b	102	89-115	---

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

Exceptions Report:

Report #/Lab ID#: 165651 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10235
Sample Name: PAAHG33105MW-6

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#: 165652 **Report Date:** 04/18/05
Project ID: 2002-10235
Sample Name: PAAHG33105MW-7
Sample Matrix: water
Date Received: 04/06/2005 **Time:** 10:00
Date Sampled: 03/31/2005 **Time:** 13:04

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	---		---		04/12/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/12/05	8260b	---	0.4	93.3	103	94.8
Ethylbenzene	<1	µg/L	1	<1	04/12/05	8260b	---	0.3	99.2	107.5	96.8
m,p-Xylenes	<2	µg/L	2	<2	04/12/05	8260b	---	0.8	98.6	106.3	97.4
o-Xylene	<1	µg/L	1	<1	04/12/05	8260b	---	0.5	102.4	112	100.3
Toluene	<1	µg/L	1	<1	04/12/05	8260b	J	0.4	104.5	117.5	98.8

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,

Dale Wagner

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:** 2002-10235	**Report#/Lab ID#:** 165652
Attn: Iain Olness	**Sample Name:** PAAHG33105MW-7	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	86.8	74-124	---
Toluene-d8	8260b	106	89-115	---

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

Exceptions Report:

Report #/Lab ID#: 165652 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10235
Sample Name: PAAHG33105MW-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
Toluene	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#: 165653 **Report Date:** 04/18/05
Project ID: 2002-10235
Sample Name: PAAHG33105MW-11
Sample Matrix: water
Date Received: 04/06/2005 **Time:** 10:00
Date Sampled: 03/31/2005 **Time:** 13:39

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	---		---		04/12/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/12/05	8260b	J	0.4	93.3	103	94.8
Ethylbenzene	<1	µg/L	1	<1	04/12/05	8260b	J	0.3	99.2	107.5	96.8
m,p-Xylenes	<2	µg/L	2	<2	04/12/05	8260b	J	0.8	98.6	106.3	97.4
o-Xylene	<1	µg/L	1	<1	04/12/05	8260b	---	0.5	102.4	112	100.3
Toluene	**1.66**	µg/L	1	<1	04/12/05	8260b	---	0.4	104.5	117.5	98.8

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,

Dale Wagner

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: 2002-10235
Sample Name: PAAHG33105MW-11

Report#/Lab ID#: 165653
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.2	74-124	---
Toluene-d8	8260b	106	89-115	---

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

Exceptions Report:

Report #/Lab ID#: 165653 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10235
Sample Name: PAAHG33105MW-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.
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J flag Discussion:

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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#: 165654 **Report Date:** 04/18/05
Project ID: 2002-10235
Sample Name: PAAHG33105MW-12
Sample Matrix: water
Date Received: 04/06/2005 **Time:** 10:00
Date Sampled: 03/31/2005 **Time:** 14:00

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	---		---		04/12/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/12/05	8260b	J	0.4	93.3	103	94.8
Ethylbenzene	<1	µg/L	1	<1	04/12/05	8260b	---	0.3	99.2	107.5	96.8
m,p-Xylenes	<2	µg/L	2	<2	04/12/05	8260b	---	0.8	98.6	106.3	97.4
o-Xylene	<1	µg/L	1	<1	04/12/05	8260b	---	0.5	102.4	112	100.3
Toluene	<1	µg/L	1	<1	04/12/05	8260b	J	0.4	104.5	117.5	98.8

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2002-10235	**Report#/Lab ID#:** 165654
Attn: Iain Olness	**Sample Name:** PAAHG33105MW-12	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.4	74-124	---
Toluene-d8	8260b	105	89-115	---

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

Exceptions Report:

Report #/Lab ID#: 165654 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10235
Sample Name: PAAHG33105MW-12

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.
Toluene	J	See J-flag discussion above.

Notes:

12116le

AnalySys Inc.

Chain of Custody Form

4221 Freidrich Lane, Suite 190, Austin, TX 78744 *2209 N. Padre Island Dr., Corpus Christi, TX 78408*
512-444-5896 FAX: 512-447-4766

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 All American
Facility Name	Hugh Gathering
Project Reference	2002-10235
EPI Sampler Name	Manuel Gonzales

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				
165650 1	PAAHG33105MW-5	G		X						X	X		3/31/05	11:40	X											
165651 2	PAAHG33105MW-6	G		X						X	X		3/31/05	12:38	X											
165652 3	PAAHG33105MW-7	G		X						X	X		3/31/05	1:04	X											
165653 4	PAAHG33105MW-11	G		X						X	X		3/31/05	1:39	X											
165654 5	PAAHG33105MW-12	G		X						X	X		3/31/05	2:00	X											
6																										
7																										
8																										
9																										
10																										

Sampler Relinquished: Manuel Gonzales	Date 4-5-05 Time 3:00	Received By:	E-mail results to: ioiness@hotmail.com and cjreynolds@paalp.com
Relinquished by:	Date 4/6/05 Time 10:00	Received By: (lab staff) Melanie Humphrey	REMARKS:
Delivered by:	Sample Cool & Intact Yes No	Checked By:	T: 5.2°C

Sample Analysis Case Narrative

Client: Environmental Plus, Inc. **Project ID:** 2002-10235

Attn: Iain Olness

for Sample #'s: 167142 **thru** 167146

Analyzed by AnalySys, Inc.

Final Review Date: 5/31/2005 **By:** _____ (D. Wagner)

Case Narrative:

The spike recoveries and/or precisions of several PAH compounds for the analytical batch that contained samples 167142 thru 167146 were outside normal laboratory acceptance criteria due to matrix effects in the randomly selected spiked sample. The Laboratory Control Sample (LCS) run with this batch met recovery criteria for each compound indicating the analytical method was operating correctly and in control.

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#: 167142 **Report Date:** 05/27/05
Project ID: 2002-10235
Sample Name: MW-11
Sample Matrix: water
Date Received: 05/13/2005 **Time:** 10:30
Date Sampled: 05/11/2005 **Time:** 07:45

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]
A/BN Extraction-PAH	---	---	---	---	05/18/05	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	05/26/05	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		05/19/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/19/05	8260b	---	0.9	84.3	85.1	81.4
Ethylbenzene	<1	µg/L	1	<1	05/19/05	8260b	---	2.5	110.9	113.3	107.6
m,p-Xylenes	<2	µg/L	2	<2	05/19/05	8260b	---	3.5	112.5	113.4	106.3
o-Xylene	<1	µg/L	1	<1	05/19/05	8260b	---	2.2	110.5	110	103.6
Toluene	<1	µg/L	1	<1	05/19/05	8260b	---	0.8	94.4	90.6	90.8
Acenaphthene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	P	30.8	38.4	95.9	42.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	P	34	38.2	99.7	43.6
Anthracene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	11.7	41.8	96.9	47.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	5.2	28.6	86.7	56.8
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	14.7	15.1	89.8	53.6
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	14.2	17.1	86.3	59.2
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	S,M,P	30.6	13.9	105	68.1
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	18	20	106.6	70
Chrysene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	14.8	43.5	107.8	85.8
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	P	21.2	13.6	96.6	79.3
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	5.7	50.1	107.7	57.5
Fluorene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	29.4	39.1	100.4	42.7
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	S,M,P	34	13	103.3	66.5

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,

Dale Wagner

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2002-10235
Sample Name: MW-11

Report#/Lab ID#: 167142
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	05/26/05	610 & 8270c	P	40.1	33.7	106.7	40.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	11	42.8	88.7	48
Pyrene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	4.6	53.2	103.7	65.9

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:** 2002-10235	**Report#/Lab ID#:** 167142
Attn: Iain Olness	**Sample Name:** MW-11	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
2-Fluorobiphenyl	610 & 8270c	52.4	30-110	---
Nitrobenzene-d5	610 & 8270c	63.3	12-110	---
Terphenyl-d14	610 & 8270c	47.2	25-110	---
1,2-Dichloroethane-d4	8260b	97.5	74-124	---
Toluene-d8	8260b	104	89-115	---

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

Exceptions Report:

Report #/Lab ID#: 167142 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10235
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
Acenaphthene Acenaphthene	P 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.
Acenaphthylene Acenaphthylene	P 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.
Benzo[g,h,i]perylene Benzo[g,h,i]perylene	P 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.
Benzo[g,h,i]perylene	S,M	MS and/or MSD recoveries outside target recov. limits. LCS recovery in-limits; indicative of potential matrix interference as evidenced by M-flag.
Dibenz[a,h]anthracene Dibenz[a,h]anthracene	P 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 Indeno[1,2,3-cd]pyrene	P 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	S,M	MS and/or MSD recoveries outside target recov. limits. LCS recovery in-limits; indicative of potential matrix interference as evidenced by M-flag.
Naphthalene Naphthalene	P 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.

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#: 167143 **Report Date:** 05/27/05
Project ID: 2002-10235
Sample Name: MW-12
Sample Matrix: water
Date Received: 05/13/2005 **Time:** 10:30
Date Sampled: 05/11/2005 **Time:** 07:00

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]
A/BN Extraction-PAH	---	---	---	---	05/18/05	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	05/26/05	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		05/19/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/19/05	8260b	---	0.9	84.3	85.1	81.4
Ethylbenzene	<1	µg/L	1	<1	05/19/05	8260b	---	2.5	110.9	113.3	107.6
m,p-Xylenes	<2	µg/L	2	<2	05/19/05	8260b	---	3.5	112.5	113.4	106.3
o-Xylene	<1	µg/L	1	<1	05/19/05	8260b	---	2.2	110.5	110	103.6
Toluene	1.32	µg/L	1	<1	05/19/05	8260b	---	0.8	94.4	90.6	90.8
Acenaphthene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	P	30.8	38.4	95.9	42.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	P	34	38.2	99.7	43.6
Anthracene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	11.7	41.8	96.9	47.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	5.2	28.6	86.7	56.8
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	14.7	15.1	89.8	53.6
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	14.2	17.1	86.3	59.2
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	S,M,P	30.6	13.9	105	68.1
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	18	20	106.6	70
Chrysene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	14.8	43.5	107.8	85.8
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	P	21.2	13.6	96.6	79.3
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	5.7	50.1	107.7	57.5
Fluorene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	29.4	39.1	100.4	42.7
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	S,M,P	34	13	103.3	66.5

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,

Dale Wagner

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: 2002-10235
Sample Name: MW-12

Report#/Lab ID#: 167143
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	05/26/05	610 & 8270c	P	40.1	33.7	106.7	40.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	11	42.8	88.7	48
Pyrene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	4.6	53.2	103.7	65.9

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Attn: Iain Olness

Project ID: 2002-10235
Sample Name: MW-12

Report#/Lab ID#: 167143
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
2-Fluorobiphenyl	610 & 8270c	42.7	30-110	---
Nitrobenzene-d5	610 & 8270c	52.5	12-110	---
Terphenyl-d14	610 & 8270c	36.1	25-110	---
1,2-Dichloroethane-d4	8260b	99.1	74-124	---
Toluene-d8	8260b	103	89-115	---

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

Exceptions Report:

Report #/Lab ID#: 167143 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10235
Sample Name: MW-12

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
Acenaphthene Acenaphthene	P 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.
Acenaphthylene Acenaphthylene	P 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.
Benzo[g,h,i]perylene Benzo[g,h,i]perylene	P 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.
Benzo[g,h,i]perylene	S,M	MS and/or MSD recoveries outside target recov. limits. LCS recovery in-limits; indicative of potential matrix interference as evidenced by M-flag.
Dibenz[a,h]anthracene Dibenz[a,h]anthracene	P 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 Indeno[1,2,3-cd]pyrene	P 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	S,M	MS and/or MSD recoveries outside target recov. limits. LCS recovery in-limits; indicative of potential matrix interference as evidenced by M-flag.
Naphthalene Naphthalene	P 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: _____

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Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

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

Report#/Lab ID#: 167144 **Report Date:** 05/27/05
Project ID: 2002-10235
Sample Name: MW-5
Sample Matrix: water
Date Received: 05/13/2005 **Time:** 10:30
Date Sampled: 05/11/2005 **Time:** 09:50

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]
A/BN Extraction-PAH	---	---	---	---	05/18/05	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	05/26/05	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		05/19/05	8260b(5030/5035)	---	---	---	---	---
Benzene	**713**	µg/L	10	<10	05/20/05	8260b	---	0.9	84.3	85.1	81.4
Ethylbenzene	**200**	µg/L	1	<1	05/19/05	8260b	---	2.5	110.9	113.3	107.6
m,p-Xylenes	**11.4**	µg/L	2	<2	05/19/05	8260b	---	3.5	112.5	113.4	106.3
o-Xylene	**44.6**	µg/L	1	<1	05/19/05	8260b	---	2.2	110.5	110	103.6
Toluene	**25.1**	µg/L	1	<1	05/19/05	8260b	---	0.8	94.4	90.6	90.8
Acenaphthene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	P	30.8	38.4	95.9	42.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	P	34	38.2	99.7	43.6
Anthracene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	11.7	41.8	96.9	47.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	5.2	28.6	86.7	56.8
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	14.7	15.1	89.8	53.6
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	14.2	17.1	86.3	59.2
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	S,M,P	30.6	13.9	105	68.1
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	18	20	106.6	70
Chrysene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	14.8	43.5	107.8	85.8
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	P	21.2	13.6	96.6	79.3
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	5.7	50.1	107.7	57.5
Fluorene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	29.4	39.1	100.4	42.7
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	S,M,P	34	13	103.3	66.5

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,

Dale Wagner

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: 2002-10235
Sample Name: MW-5

Report#/Lab ID#: 167144
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	**0.66**	µg/L	0.05	<0.05	05/26/05	610 & 8270c	P	40.1	33.7	106.7	40.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	11	42.8	88.7	48
Pyrene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	4.6	53.2	103.7	65.9

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10235	**Report#/Lab ID#:** 167144
Attn: Iain Olness	**Sample Name:** MW-5	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
2-Fluorobiphenyl	610 & 8270c	46.2	30-110	---
Nitrobenzene-d5	610 & 8270c	53.6	12-110	---
Terphenyl-d14	610 & 8270c	30.9	25-110	---
1,2-Dichloroethane-d4	8260b	96.2	74-124	---
Toluene-d8	8260b	103	89-115	---

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

Exceptions Report:

Report #/Lab ID#: 167144 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10235
Sample Name: MW-5

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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J flag Discussion:

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Acenaphthene Acenaphthene	P 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.
Acenaphthylene Acenaphthylene	P 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.
Benzo[g,h,i]perylene Benzo[g,h,i]perylene	P 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.
Benzo[g,h,i]perylene	S,M	MS and/or MSD recoveries outside target recov. limits. LCS recovery in-limits; indicative of potential matrix interference as evidenced by M-flag.
Dibenz[a,h]anthracene Dibenz[a,h]anthracene	P 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 Indeno[1,2,3-cd]pyrene	P 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	S,M	MS and/or MSD recoveries outside target recov. limits. LCS recovery in-limits; indicative of potential matrix interference as evidenced by M-flag.
Naphthalene Naphthalene	P 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: _____

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Attn: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

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

Report#/Lab ID#: 167145 **Report Date:** 05/27/05
Project ID: 2002-10235
Sample Name: MW-6
Sample Matrix: water
Date Received: 05/13/2005 **Time:** 10:30
Date Sampled: 05/11/2005 **Time:** 09:10

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	---	---	---	---	05/18/05	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	05/26/05	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		05/19/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/19/05	8260b	J	0.9	84.3	85.1	81.4
Ethylbenzene	<1	µg/L	1	<1	05/19/05	8260b	---	2.5	110.9	113.3	107.6
m,p-Xylenes	<2	µg/L	2	<2	05/19/05	8260b	---	3.5	112.5	113.4	106.3
o-Xylene	<1	µg/L	1	<1	05/19/05	8260b	---	2.2	110.5	110	103.6
Toluene	<1	µg/L	1	<1	05/19/05	8260b	J	0.8	94.4	90.6	90.8
Acenaphthene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	P	30.8	38.4	95.9	42.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	P	34	38.2	99.7	43.6
Anthracene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	11.7	41.8	96.9	47.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	5.2	28.6	86.7	56.8
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	14.7	15.1	89.8	53.6
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	14.2	17.1	86.3	59.2
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	S,M,P	30.6	13.9	105	68.1
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	18	20	106.6	70
Chrysene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	14.8	43.5	107.8	85.8
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	P	21.2	13.6	96.6	79.3
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	5.7	50.1	107.7	57.5
Fluorene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	29.4	39.1	100.4	42.7
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	S,M,P	34	13	103.3	66.5

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,

Dale Wagner

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.
Attn: Iain Olness

Project ID: 2002-10235
Sample Name: MW-6

Report#/Lab ID#: 167145
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	05/26/05	610 & 8270c	P	40.1	33.7	106.7	40.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	11	42.8	88.7	48
Pyrene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	4.6	53.2	103.7	65.9

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:** 2002-10235	**Report#/Lab ID#:** 167145
Attn: Iain Olness	**Sample Name:** MW-6	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
2-Fluorobiphenyl	610 & 8270c	56.4	30-110	---
Nitrobenzene-d5	610 & 8270c	71.5	12-110	---
Terphenyl-d14	610 & 8270c	64.2	25-110	---
1,2-Dichloroethane-d4	8260b	96.5	74-124	---
Toluene-d8	8260b	102	89-115	---

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

Exceptions Report:

Report #/Lab ID#: 167145 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10235
Sample Name: MW-6

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
Benzene	J	See J-flag discussion above.
Toluene	J	See J-flag discussion above.
Acenaphthene Acenaphthene	P 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.
Acenaphthylene Acenaphthylene	P 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.
Benzo[g,h,i]perylene Benzo[g,h,i]perylene	P 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.
Benzo[g,h,i]perylene	S,M	MS and/or MSD recoveries outside target recov. limits. LCS recovery in-limits; indicative of potential matrix interference as evidenced by M-flag.
Dibenz[a,h]anthracene Dibenz[a,h]anthracene	P 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 Indeno[1,2,3-cd]pyrene	P 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	S,M	MS and/or MSD recoveries outside target recov. limits. LCS recovery in-limits; indicative of potential matrix interference as evidenced by M-flag.
Naphthalene Naphthalene	P 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.

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#: 167146 **Report Date:** 05/27/05
Project ID: 2002-10235
Sample Name: MW-7
Sample Matrix: water
Date Received: 05/13/2005 **Time:** 10:30
Date Sampled: 05/11/2005 **Time:** 08:30

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	---	---	---	---	05/18/05	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	05/26/05	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		05/19/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/19/05	8260b	---	0.9	84.3	85.1	81.4
Ethylbenzene	<1	µg/L	1	<1	05/19/05	8260b	---	2.5	110.9	113.3	107.6
m,p-Xylenes	<2	µg/L	2	<2	05/19/05	8260b	---	3.5	112.5	113.4	106.3
o-Xylene	<1	µg/L	1	<1	05/19/05	8260b	---	2.2	110.5	110	103.6
Toluene	<1	µg/L	1	<1	05/19/05	8260b	---	0.8	94.4	90.6	90.8
Acenaphthene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	P	30.8	38.4	95.9	42.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	P	34	38.2	99.7	43.6
Anthracene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	11.7	41.8	96.9	47.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	5.2	28.6	86.7	56.8
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	14.7	15.1	89.8	53.6
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	14.2	17.1	86.3	59.2
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	S,M,P	30.6	13.9	105	68.1
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	18	20	106.6	70
Chrysene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	14.8	43.5	107.8	85.8
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	P	21.2	13.6	96.6	79.3
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	5.7	50.1	107.7	57.5
Fluorene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	29.4	39.1	100.4	42.7
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	S,M,P	34	13	103.3	66.5

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,

Dale Wagner

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.
Attn: Iain Olness

Project ID: 2002-10235
Sample Name: MW-7

Report#/Lab ID#: 167146
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	05/26/05	610 & 8270c	P	40.1	33.7	106.7	40.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	11	42.8	88.7	48
Pyrene	<0.05	µg/L	0.05	<0.05	05/26/05	610 & 8270c	---	4.6	53.2	103.7	65.9

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:** 2002-10235	**Report#/Lab ID#:** 167146
Attn: Iain Olness	**Sample Name:** MW-7	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
2-Fluorobiphenyl	610 & 8270c	54.4	30-110	---
Nitrobenzene-d5	610 & 8270c	55.6	12-110	---
Terphenyl-d14	610 & 8270c	44.4	25-110	---
1,2-Dichloroethane-d4	8260b	108	74-124	---
Toluene-d8	8260b	102	89-115	---

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

Exceptions Report:

Report #/Lab ID#: 167146 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10235
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
Acenaphthene Acenaphthene	P 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.
Acenaphthylene Acenaphthylene	P 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.
Benzo[g,h,i]perylene Benzo[g,h,i]perylene	P 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.
Benzo[g,h,i]perylene	S,M	MS and/or MSD recoveries outside target recov. limits. LCS recovery in-limits; indicative of potential matrix interference as evidenced by M-flag.
Dibenz[a,h]anthracene Dibenz[a,h]anthracene	P 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 Indeno[1,2,3-cd]pyrene	P 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	S,M	MS and/or MSD recoveries outside target recov. limits. LCS recovery in-limits; indicative of potential matrix interference as evidenced by M-flag.
Naphthalene Naphthalene	P 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.

Chain of Custody Form

4221 Freidrich Lane, Suite 190, Austin, TX 78744 *2209 N. Padre Island Dr., Corpus Christi, TX 78408*
512-444-5896 FAX: 512-447-4766

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 All American
Facility Name	Hugh Gathering
Project Reference	2002-10235
EPI Sampler Name	John Robinson

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				
167142	1	MW-11	G		X						X	X		5/11/05	7:45	X							X				
167143	2	MW-12	G		X						X	X		5/11/05	7:00	X							X				
	3																										
	4																										
	5																										
	6																										
	7																										
	8																										
	9																										
	10																										

Sampler Relinquished: Iain Olness — Date: 5/12/05 Time: 1600 — Received By:

Relinquished by: — Date: 5/13/05 Time: 1030 — Received By: (lab staff) [signature] ASE

Delivered by:

Sample Cool & Intact: Yes / No

Checked By:

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

REMARKS:

T: 3.9°C

12472

AnalySys Inc.

Chain of Custody Form

4221 Freidrich Lane, Suite 190, Austin, TX 78744 *2209 N. Padre Island Dr., Corpus Christi, TX 78408*
512-444-5896 FAX: 512-447-4766

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 All American
Facility Name	Hugh Gathering
Project Reference	2002-10235
EPI Sampler Name	John Robinson

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^{2-})	pH	TCLP	OTHER >>>	PAH
1	167144	MW-5	G		X						X	X		5/11/05	9:50	X							X
2	167145	MW-6	G		X						X	X		5/11/05	9:10	X							X
3	167146	MW-7	G		X						X	X		5/11/05	8:30	X							X
4																							
5																							
6																							
7																							
8																							
9																							
10																							

Sampler Relinquished: Iain Olness	Date: 5/12/05 Time: 1600	Received By: J Bedell	5/13/05 1030
Relinquished by:	Date / Time	Received By: (lab staff)	
Delivered by:	Sample Cool & Intact Yes No	Checked By:	

E-mail results to: iolness@hotmail.com and cjreynolds@paalp.com
REMARKS:

T: 3.9°C

AnalySys INC.
[redacted] N. [redacted] Island [redacted], Corpus Christi, [redacted] 78[redacted]
(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#: 170102 **Report Date:** 08/29/05
Project ID: 2002-10235
Sample Name: MW-5
Sample Matrix: water
Date Received: 08/23/2005 **Time:** 11:20
Date Sampled: 08/17/2005 **Time:** 11:30

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	---		---		08/29/05	8260b(5030/5035)	---	---	---	---	---
Benzene	**331**	µg/L	10	<10	08/29/05	8260b	---	1.4	90.6	97.6	91.5
Ethylbenzene	**107**	µg/L	10	<10	08/29/05	8260b	---	1.7	101	104.4	101.4
m,p-Xylenes	**24.2**	µg/L	20	<20	08/29/05	8260b	---	1.4	100.8	105.4	102.1
o-Xylene	**23.9**	µg/L	10	<10	08/29/05	8260b	---	0.8	93	109	105.8
Toluene	**37.7**	µg/L	10	<10	08/29/05	8260b	---	2	97.7	104.8	98

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,

Dale Wagner

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.

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

Client: Environmental Plus, Inc.	**Project ID:** 2002-10235	**Report#/Lab ID#:** 170102
Attn: Iain Olness	**Sample Name:** MW-5	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.7	70-130	---
Toluene-d8	8260b	104	80-127	---

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

[redacted] Inc.

[redacted] Drive [redacted] Austin [redacted]
[redacted] N. [redacted] Islan[redacted] Co[redacted]hristi[redacted] 784[redacted]
(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#:	170103	**Report Date:**	08/29/05
Project ID:	2002-10235		
Sample Name:	MW-6		
Sample Matrix:	water		
Date Received:	08/23/2005	**Time:**	11:20
Date Sampled:	08/17/2005	**Time:**	10:00

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	---		---		08/29/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/29/05	8260b	---	1.4	90.6	97.6	91.5
Ethylbenzene	<1	µg/L	1	<1	08/29/05	8260b	---	1.7	101	104.4	101.4
m,p-Xylenes	<2	µg/L	2	<2	08/29/05	8260b	---	1.4	100.8	105.4	102.1
o-Xylene	<1	µg/L	1	<1	08/29/05	8260b	---	0.8	93	109	105.8
Toluene	<1	µg/L	1	<1	08/29/05	8260b	---	2	97.7	104.8	98

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,

Dale Wagner

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:** 2002-10235	**Report#/Lab ID#:** 170103
Attn: Iain Olness	**Sample Name:** MW-6	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.2	70-130	---
Toluene-d8	8260b	106	80-127	---

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

AnalySys INC.
[redacted] N. [redacted] Island [redacted], 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#: 170104 **Report Date:** 08/29/05
Project ID: 2002-10235
Sample Name: MW-7
Sample Matrix: water
Date Received: 08/23/2005 **Time:** 11:20
Date Sampled: 08/17/2005 **Time:** 09:00

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	---		---		08/29/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/29/05	8260b	---	1.4	90.6	97.6	91.5
Ethylbenzene	<1	µg/L	1	<1	08/29/05	8260b	---	1.7	101	104.4	101.4
m,p-Xylenes	<2	µg/L	2	<2	08/29/05	8260b	---	1.4	100.8	105.4	102.1
o-Xylene	<1	µg/L	1	<1	08/29/05	8260b	---	0.8	93	109	105.8
Toluene	<1	µg/L	1	<1	08/29/05	8260b	---	2	97.7	104.8	98

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,

Dale Wagner

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

Client: Environmental Plus, Inc.	**Project ID:** 2002-10235	**Report#/Lab ID#:** 170104
Attn: Iain Olness	**Sample Name:** MW-7	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	102	70-130	---
Toluene-d8	8260b	104	80-127	---

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

AnalySys Inc. [redacted] N. [redacted] Island [redacted] Corpus Christi [redacted] 78[redacted]
(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#: 170105 **Report Date:** 08/29/05
Project ID: 2002-10235
Sample Name: MW-11
Sample Matrix: water
Date Received: 08/23/2005 **Time:** 11:20
Date Sampled: 08/17/2005 **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	---		---		08/26/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/26/05	8260b	J	1.4	90.6	97.6	91.5
Ethylbenzene	<1	µg/L	1	<1	08/26/05	8260b	---	1.7	101	104.4	101.4
m,p-Xylenes	<2	µg/L	2	<2	08/26/05	8260b	---	1.4	100.8	105.4	102.1
o-Xylene	<1	µg/L	1	<1	08/26/05	8260b	---	0.8	93	109	105.8
Toluene	<1	µg/L	1	<1	08/26/05	8260b	---	2	97.7	104.8	98

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,

Dale Wagner

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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:** 2002-10235	**Report#/Lab ID#:** 170105
Attn: Iain Olness	**Sample Name:** MW-11	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.1	70-130	---
Toluene-d8	8260b	103	80-127	---

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

Report #/Lab ID#: 170105 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10235
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
Benzene	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: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

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

Report#/Lab ID#: 170106 **Report Date:** 08/29/05
Project ID: 2002-10235
Sample Name: MW-12
Sample Matrix: water
Date Received: 08/23/2005 **Time:** 11:20
Date Sampled: 08/17/2005 **Time:** 07:00

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	---		---		08/26/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/26/05	8260b	J	1.4	90.6	97.6	91.5
Ethylbenzene	<1	µg/L	1	<1	08/26/05	8260b	---	1.7	101	104.4	101.4
m,p-Xylenes	<2	µg/L	2	<2	08/26/05	8260b	---	1.4	100.8	105.4	102.1
o-Xylene	<1	µg/L	1	<1	08/26/05	8260b	---	0.8	93	109	105.8
Toluene	<1	µg/L	1	<1	08/26/05	8260b	---	2	97.7	104.8	98

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,

Dale Wagner

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.

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

Client: Environmental Plus, Inc.	**Project ID:** 2002-10235	**Report#/Lab ID#:** 170106
Attn: Iain Olness	**Sample Name:** MW-12	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.2	70-130	---
Toluene-d8	8260b	104	80-127	---

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

Report #/Lab ID#: 170106 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10235
Sample Name: MW-12

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
Benzene	J	See J-flag discussion above.

Notes:

AnalySys Inc.

Chain of Custody Form

4221 Freidrich Lane, Suite 190, Austin, TX 78744 *2209 N. Padre Island Dr., Corpus Christi, TX 78408*
512-444-5896 FAX: 512-447-4766

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 All American
Facility Name	Hugh Gathering
Project Reference	2002-10235
EPI Sampler Name	George Blackburn

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^{2-})	pH	TCLP	OTHER >>>	PAH
170102 1	MW-5	G		X						X	X		17-Aug-05	11:30	X							
170103 2	MW-6	G		X						X	X		17-Aug-05	10:00	X							
170104 3	MW-7	G		X						X	X		17-Aug-05	9:00	X							
170105 4	MW-11	G		X						X	X		17-Aug-05	8:00	X							
170106 5	MW-12	G		X						X	X		17-Aug-05	7:00	X							
6																						
7																						
8																						
9																						
10																						

Sampler Relinquished: Date 8 22 05 Time 3 30 Received By:

Relinquished by: Date 8/22/05 Time 1630 Received By: (lab staff) 8/23/05 1:20

Delivered by: Sample Cool & Intact Yes / No Checked By:

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

REMARKS:

T-5.2 °C

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#: 173902 **Report Date:** 11/29/05
Project ID: 2002-10235 Hugh Gathering
Sample Name: MW-5
Sample Matrix: water
Date Received: 11/22/2005 **Time:** 10:30
Date Sampled: 11/15/2005 **Time:** 08:30

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	---		---		11/28/05	8260b(5030/5035)	---	---	---	---	---
Benzene	**334**	µg/L	2	<2	11/28/05	8260b	---	0.2	104.5	96.9	100.6
Ethylbenzene	**117**	µg/L	2	<2	11/28/05	8260b	---	4.6	110.5	110.7	112.5
m,p-Xylenes	**42.1**	µg/L	4	<4	11/28/05	8260b	---	2.9	111.8	110.3	112.3
o-Xylene	**56.7**	µg/L	2	<2	11/28/05	8260b	---	3.5	121.8	116.1	120.4
Toluene	**60.3**	µg/L	2	<2	11/28/05	8260b	---	9.1	108.1	98.3	106.2

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

Client: Environmental Plus, Inc.	**Project ID:** 2002-10235 Hugh Gathering	**Report#/Lab ID#:** 173902
Attn: Iain Olness	**Sample Name:** MW-5	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	111	70-130	---
Toluene-d8	8260b	109	80-127	---

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: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

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

Report#/Lab ID#: 173903 **Report Date:** 11/29/05
Project ID: 2002-10235 Hugh Gathering
Sample Name: MW-6
Sample Matrix: water
Date Received: 11/22/2005 **Time:** 10:30
Date Sampled: 11/15/2005 **Time:** 09:00

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	---		---		11/23/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/23/05	8260b	J	0.2	104.5	96.9	100.6
Ethylbenzene	<1	µg/L	1	<1	11/23/05	8260b	J	4.6	110.5	110.7	112.5
m,p-Xylenes	<2	µg/L	2	<2	11/23/05	8260b	---	2.9	111.8	110.3	112.3
o-Xylene	<1	µg/L	1	<1	11/23/05	8260b	J	3.5	121.8	116.1	120.4
Toluene	<1	µg/L	1	<1	11/23/05	8260b	---	9.1	108.1	98.3	106.2

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Respectfully Submitted,

Richard Elton

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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.
Attn: Iain Olness

Project ID: 2002-10235 Hugh Gathering
Sample Name: MW-6

Report#/Lab ID#: 173903
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.2	70-130	---
Toluene-d8	8260b	109	80-127	---

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

Exceptions Report:

Report #/Lab ID#: 173903 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10235 Hugh Gathering
Sample Name: MW-6

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
Benzene	J	See J-flag discussion above.
Ethylbenzene	J	See J-flag discussion above.
o-Xylene	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: Iain Olness
Address: 2100 Ave. O
Eunice, NM 88231

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

Report#/Lab ID#: 173904 **Report Date:** 11/29/05
Project ID: 2002-10235 Hugh Gathering
Sample Name: MW-7
Sample Matrix: water
Date Received: 11/22/2005 **Time:** 10:30
Date Sampled: 11/15/2005 **Time:** 09:30

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	---		---		11/28/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/28/05	8260b	---	0.2	104.5	96.9	100.6
Ethylbenzene	<1	µg/L	1	<1	11/28/05	8260b	---	4.6	110.5	110.7	112.5
m,p-Xylenes	<2	µg/L	2	<2	11/28/05	8260b	---	2.9	111.8	110.3	112.3
o-Xylene	<1	µg/L	1	<1	11/28/05	8260b	---	3.5	121.8	116.1	120.4
Toluene	<1	µg/L	1	<1	11/28/05	8260b	---	9.1	108.1	98.3	106.2

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.
Attn: Iain Olness

Project ID: 2002-10235 Hugh Gathering
Sample Name: MW-7

Report#/Lab ID#: 173904
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.5	70-130	---
Toluene-d8	8260b	105	80-127	---

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#: 173905 **Report Date:** 11/29/05
Project ID: 2002-10235 Hugh Gathering
Sample Name: MW-11
Sample Matrix: water
Date Received: 11/22/2005 **Time:** 10:30
Date Sampled: 11/15/2005 **Time:** 10:00

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	---		---		11/23/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/23/05	8260b	---	0.2	104.5	96.9	100.6
Ethylbenzene	<1	µg/L	1	<1	11/23/05	8260b	---	4.6	110.5	110.7	112.5
m,p-Xylenes	<2	µg/L	2	<2	11/23/05	8260b	J	2.9	111.8	110.3	112.3
o-Xylene	<1	µg/L	1	<1	11/23/05	8260b	---	3.5	121.8	116.1	120.4
Toluene	<1	µg/L	1	<1	11/23/05	8260b	---	9.1	108.1	98.3	106.2

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Respectfully Submitted,

Richard Elton

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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:** 2002-10235 Hugh Gathering	**Report#/Lab ID#:** 173905
Attn: Iain Olness	**Sample Name:** MW-11	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	104	70-130	---
Toluene-d8	8260b	118	80-127	---

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

Exceptions Report:

Report #/Lab ID#: 173905 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10235 Hugh Gathering
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
m,p-Xylenes	J	See J-flag discussion above.

Notes:

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#: 173906 **Report Date:** 11/29/05
Project ID: 2002-10235 Hugh Gathering
Sample Name: MW-12
Sample Matrix: water
Date Received: 11/22/2005 **Time:** 10:30
Date Sampled: 11/15/2005 **Time:** 10:30

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	---		---		11/23/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/23/05	8260b	J	0.2	104.5	96.9	100.6
Ethylbenzene	<1	µg/L	1	<1	11/23/05	8260b	J	4.6	110.5	110.7	112.5
m,p-Xylenes	<2	µg/L	2	<2	11/23/05	8260b	J	2.9	111.8	110.3	112.3
o-Xylene	<1	µg/L	1	<1	11/23/05	8260b	J	3.5	121.8	116.1	120.4
Toluene	<1	µg/L	1	<1	11/23/05	8260b	J	9.1	108.1	98.3	106.2

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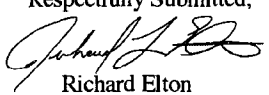
Respectfully Submitted,



Richard Elton

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2002-10235 Hugh Gathering	**Report#/Lab ID#:** 173906
Attn: Iain Olness	**Sample Name:** MW-12	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	106	70-130	---
Toluene-d8	8260b	116	80-127	---

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

Exceptions Report:

Report #/Lab ID#: 173906 **Matrix:** water
Client: Environmental Plus, Inc. **Attn:** Iain Olness
Project ID: 2002-10235 Hugh Gathering
Sample Name: MW-12

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:

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

14/012

AnalySys Inc.

Chain of Custody Form

4221 Freidrich Lane, Suite 190, Austin, TX 78744 *2209 N. Padre Island Dr., Corpus Christi, TX 78408*
512-444-5896 FAX: 512-447-4766

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 All American
Facility Name	Hugh Gathering
Project Reference	2002-10235
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			
173902 1	MW-5	G		X						X	X		15-Nov-05	8:30	X										
173903 2	MW-6	G		X						X	X		15-Nov-05	9:00	X										
173904 3	MW-7	G		X						X	X		15-Nov-05	9:30	X										
173905 4	MW-11	G		X						X	X		15-Nov-05	10:00	X										
173906 5	MW-12	G		X						X	X		15-Nov-05	10:30	X										
6																									
7																									
8																									
9																									
10																									

Sampler Relinquished:	Date / Time	Received By: Roxi Rollins	E-mail results to: iolness@envplus.net and cjreynolds@paalp.com
Relinquished by: Jason Hegwood	Date 11-21-05 / Time 1600	Received By: (lab staff) ASI 11-22-05 10:30 AM	REMARKS:
Delivered by:	Sample Cool & Intact (Yes) No	Checked By:	

Temp: 2.1°

APPENDIX II: ABATEMENT PLAN APPROVAL LETTER