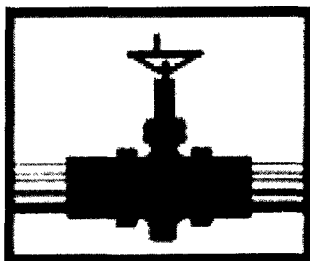


GW - 351

MONITORING REPORTS

DATE:

2005-2004



PLAINS
ALL AMERICAN
PIPELINE, L.P.

2005 ANNUAL MONITORING REPORT

PLAINS PIPELINE, L.P.

LEA STATION

PLAINS REF: 2003-00339

(COMPANY # 231735)

*Entire report
is on the
L-Drive*

NW¼ OF SECTION 28 T20S R37E

~9.5 MILES NORTH-NORTHWEST (313°) OF

EUNICE, LEA COUNTY, NEW MEXICO

LATITUDE: N32° 32' 51.3"

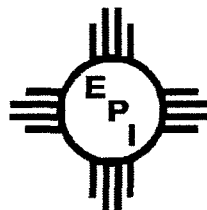
LONGITUDE: W103° 15' 37.0"

MARCH 2006

PREPARED BY:

Environmental Plus, Inc.

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Standard of Care

Annual Monitoring Report

Lea Station
Ref. # 2003-00339

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:

Jason Stegemoller
Jason Stegemoller, M.S.
Environmental Scientist

13 March 2006
Date

This report was reviewed by:

Iain A. Olness
Iain A. Olness, P.G.
Hydrogeologist

13 March 2006
Date

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 (Plains Ref.: 2003-00339; Company # 231735)

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I. Background

Lea Station is located approximately 9 miles north-northwest of Eunice in Lea County, New Mexico, at an elevation of approximately 3,495 feet above mean sea level (reference *Figures 1 and 2*). The site is located in the Monument-Jal Oil Field and is utilized as a crude oil pipeline pumping station. There are no residences or surface water bodies within a 1,000-foot radius of the facility. The facility is surrounded by a barbed wire fence and has a locked gate (reference *Figure 3*).

In 1992, Shell Pipeline Corporation (SPLC) retained CURA to establish baseline conditions of the subsurface environment at the site. In December 1992, 12 soil borings were advanced around the site and seven groundwater monitoring wells were installed. Analytical results for soil samples collected during this phase of the investigation identified two general areas, west and east area, as hydrocarbon-impacted, evidenced by elevated total petroleum hydrocarbon (TPH) concentrations in soils (>100 parts per million (ppm) TPH). Analytical results for groundwater samples collected during this phase of the investigation indicated dissolved phase hydrocarbon contaminants present in five of the seven groundwater samples.

Based on these results, four additional soil borings were advanced and four additional groundwater monitoring wells were installed in September 1993. Results of this and previous phases of the investigation indicated three hydrocarbon-impacted areas present on the site, one in the eastern portion, one in the north-central portion and one in the western portion. In addition, phase separated hydrocarbons (PSH) were detected in groundwater monitoring well MW-8. Due to the presence of PSH and the extent of hydrocarbon-impacted soil and groundwater, CURA recommended that feasibility testing be completed to evaluate soil and groundwater remedial methods for potential implementation at the site.

In September 1994, CURA submitted a *Remediation Plan* to SPLC. The plan consisted of a soil vapor extraction (SVE) and product-only pumping system in the vicinity of groundwater monitoring well MW-8. The *Remediation Plan* included the installation of two recovery wells (RW-1 and RW-2), installation of two PSH only pump/air extraction units (one unit each in RW-1 and RW-2), regulatory notification of air emissions, final installation of the system, performance monitoring, operations and maintenance activities and reporting.

In February 1995, a remediation system consisting of SVE with product-only pumping was installed at the west end of the site. The system was designed with high vacuum levels at the wellheads in an effort to induce oil flow towards the wells, as observed during the pilot testing. Recovery of PSH occurred from 1994 to 2003. Currently no PSH is present in this area and the SVE system has been turned off.

Enercon Services, Inc. performed sampling and monitoring for SPLC until Link Energy, LLC inherited the site from SPLC in December 2003. Link Energy assets were acquired by Plains All American Pipeline in April 2004. Environmental Plus, Inc. has conducted sampling and monitoring of the site from December 2003 to present.

An *Annual Monitoring Report* was submitted to the NMOCD in January 2005 documenting the results of the quarterly gauging, PSH recovery efforts and sampling of the groundwater monitoring well network during 2004. Between December 18, 2003 and December 17, 2004

groundwater levels have risen approximately 2.25 feet. Approximately 34 gallons of PSH were recovered from the groundwater monitoring wells during 2004.

II. Field Activities

Site visits were made on January 7, February 21, April 22, October 5 and November 18, 2005 to recover PSH from the impacted groundwater monitoring wells (i.e., MW-1, MW-2, MW-3 and MW-11). In addition, groundwater monitoring wells were gauged to determine the depth to PSH (if present) and groundwater.

Site visits were made on March 29, May 23, August 16 and November 18, 2005 to complete the aforementioned activities and to collect groundwater samples for laboratory analyses.

III. Groundwater Gradient and PSH Thickness

Monitoring wells were gauged prior to purging to determine the depth to groundwater and the thickness of any PSH. Except for minor fluctuations, groundwater levels have risen, on the average, 0.60 feet throughout the year (reference Figures 17 through 20). PSH were not detected in any of the groundwater monitoring wells during the past year, with the exception of a skim of oil during the May 23, 2005 gauging of monitor well MW-2. A summary of groundwater elevations and PSH thickness is included in Table 1.

Based on data collected during the four sampling events, groundwater is flowing to the southeast (reference *Figures 21, 23, 25 and 27*) and is consistent with historical data.

IV. PSH Recovery

Absorbent booms and hand bailing accomplish recovery of PSH on-site. Approximately 260 gallons of PSH have been recovered to date. Between December 18, 2003 and December 17, 2004, approximately 34 gallons were recovered by manual means. A total of five wells had PSH present on the water column in the well at the beginning of 2004. No PSH were detected in any of the groundwater monitoring wells during 2005 with the exception of a skim of oil detected on groundwater monitor well MW-2 on May 23, 2005. A summary of PSH recovery is presented in Table 1.

V. Groundwater Sampling

Groundwater monitoring wells are sampled on a quarterly basis until such time that analytical results indicate contaminant concentrations are below the New Mexico Water Quality Control Commission (NMWQCC) Groundwater Standards for eight consecutive quarters. The samples are submitted to an independent laboratory for quantification of benzene, toluene, ethylbenzene and total xylenes (BTEX) on a quarterly basis and poly-aromatic hydrocarbons (PAH) on an annual basis. Groundwater monitoring wells from which samples have been collected and analytical results indicate contaminants have been below the NMWQCC standards for eight consecutive quarters and are no longer needed to monitor the existing contaminant plume will be requested to be sealed.

Groundwater monitoring wells MW-1, MW-2, MW-3, MW-11 and MW-12 were sampled on March 29, 2005 and the samples submitted for quantification of benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8260b. In addition, samples collected from groundwater monitoring wells MW-1, MW-2, MW-3, MW-11 and MW-12 were submitted for quantification of poly-aromatic hydrocarbons (PAHs) using EPA Method 8310.

Groundwater monitoring wells MW-1, MW-3, MW-11 and MW-12 were sampled on May 23, 2005 and the samples submitted for quantification of BTEX using EPA Method 8260b.

Groundwater monitoring wells MW-1, MW-2, MW-3, MW-4, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12 and MW-13 were sampled on August 16, 2005 and the samples submitted for quantification of BTEX using EPA Method 8260b.

Groundwater monitoring wells MW-1, MW-2, MW-3, MW-11, MW-12 were sampled on November 18, 2005 and the samples submitted for quantification of BTEX using EPA Method 8260b.

VI. Groundwater Analytical Results

Analytical results for total PAH concentrations were non-detectable in the sample collected from groundwater monitoring well MW-12. Low concentrations of total PAHs were detected in the samples collected from groundwater monitoring wells MW-1 (10.5 µg/L), MW-2 (20.8 µg/L), MW-3 (0.21 µg/L) and MW-11 (3.93 µg/L).

A total of four groundwater monitor wells (MW-1, MW-2, MW-3 and MW-11) exhibited benzene and/or BTEX concentrations in excess of New Mexico Water Quality Control Commission (NMWQCC) groundwater standards during the 2005 sampling events. Analytical results indicated benzene concentrations fluctuated during the year, but were lower in the final samples taken in 2005.

Analytical results of samples collected during 2005 from groundwater monitoring well MW-1 indicated benzene concentrations ranging from 0.100 to 0.283 mg/L, in excess of the NMWQCC groundwater standard of 0.01 mg/L. Analytical results of samples collected during 2005 from groundwater monitoring well MW-2 indicated benzene concentrations ranging from 0.341 to 0.422 mg/L, in excess of the NMWQCC groundwater standard of 0.01 mg/L.

Analytical results of samples collected March 29, 2005 from groundwater monitoring well MW-3 indicated a benzene concentration of 0.962 mg/L, in excess of the NMWQCC groundwater standard of 0.01 mg/L. The samples collected on May 23, 2005 indicated a benzene concentration of 0.007 mg/L, below the NMWQCC groundwater standard of 0.01 mg/L. Groundwater samples collected August 16 and November 18, 2005 indicated benzene concentrations ranged from 0.028 to 0.013 mg/L, in excess of the NMWQCC groundwater standard of 0.01 mg/L.

Analytical results for groundwater monitor well MW-11 indicated benzene concentrations ranging from 0.065 to 5.12 mg/L, in excess of the NMWQCC groundwater standard of 0.01 mg/L. Additionally, ethylbenzene and total xylene concentrations in the May 23, 2005 sampling

event and ethylbenzene concentration in the August 16, 2005 sampling event were in excess of the NMWQCC groundwater standards.

Analytical results from the remaining groundwater monitoring wells (MW-4, MW-7, MW-8, MW-9, MW-10, MW-12 and MW-13) indicated benzene concentrations were non-detectable (ND) at or above laboratory MDL. Reported BTEX concentrations ranged from ND to 0.002 mg/L.

A summary of groundwater analytical results is included as Table 2 and Table 3 and copies of the analytical results are included as Appendix A.

VII. Recommendations

Based on field monitoring and analytical results collected during the past year and analyzed in conjunction with data collected during the past eight years, the following changes are recommended in the sampling protocol and summarized in Table 4:

- 1) Gauge all groundwater monitoring wells for water levels and the presence of PSH on a monthly basis.
- 2) Sample groundwater monitoring wells MW-1, MW-2, MW-3, MW-11 and MW-12 on a quarterly basis and submit the samples for quantification of BTEX. The samples should be analyzed annually for the presence of PAHs. In the event PSHs are detected during a sampling event in any of the groundwater monitoring wells, these wells will not be included in the quarterly sampling event.
- 3) Sample groundwater monitoring wells MW-4, MW-7, MW-8, MW-9, MW-10, and MW-13 on an annual basis and submit the samples for quantification of BTEX. Should analytical results indicate the presence of contaminants, the impacted well should be sampled on a quarterly basis and the samples submitted for quantification of BTEX and annually for PAH.
- 4) Plug and abandon groundwater monitoring wells MW-5 and MW-6.

FIGURES

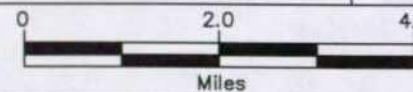


Figure 1
Area Map
Plains All American Pipeline, L.P.
Lea Station

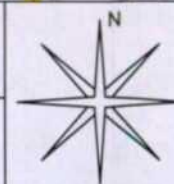
Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl

DWG By: Iain Olness
February 2005

REVISED:



SHEET
1 of 1



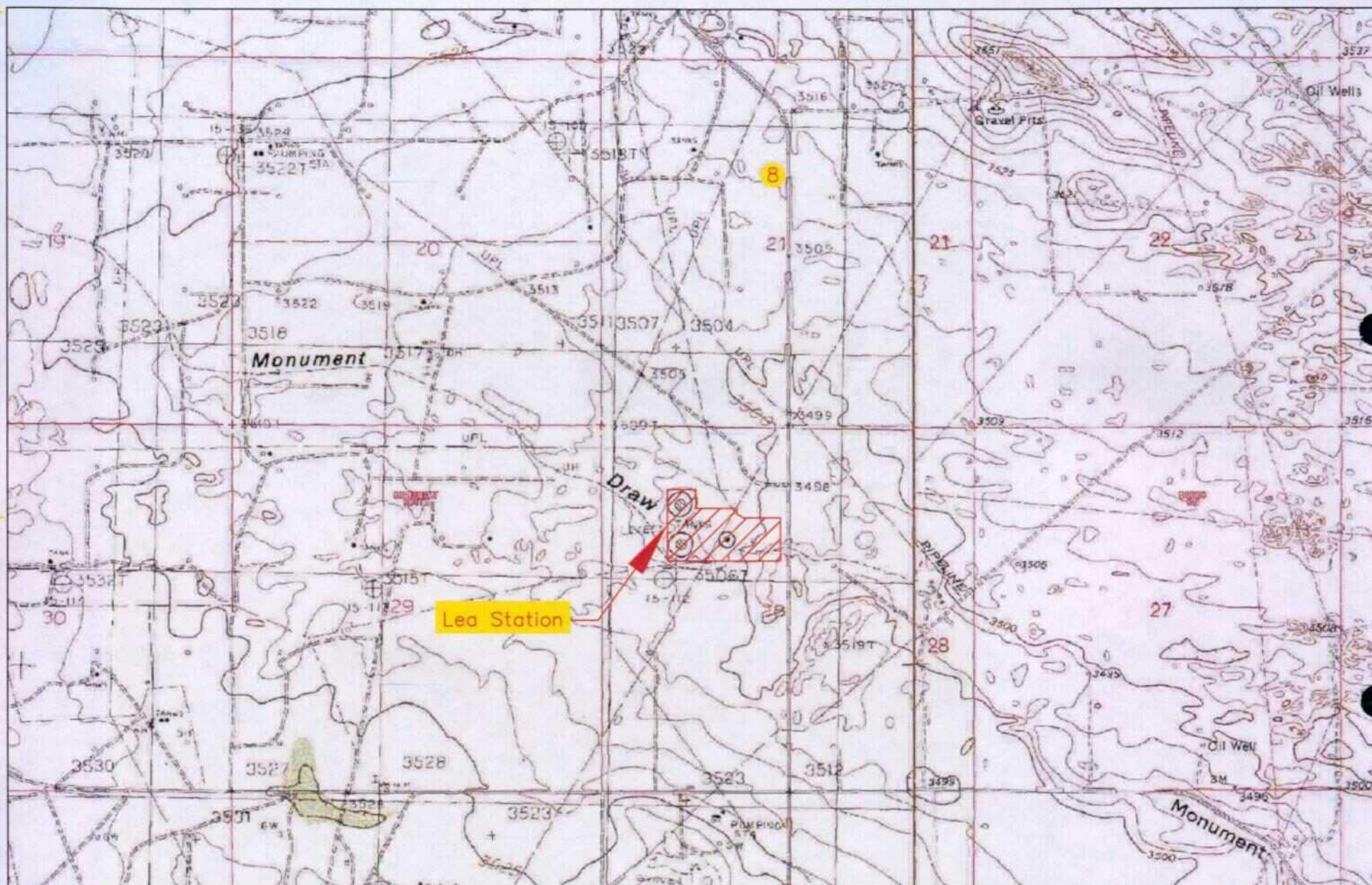
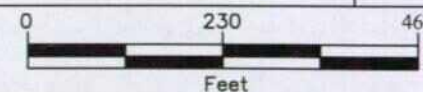


Figure 2
Site Location Map
Plains All American Pipeline, L.P.
Lea Station

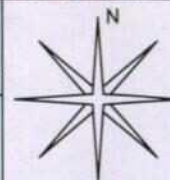
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Elevation: 3,495 feet amsl

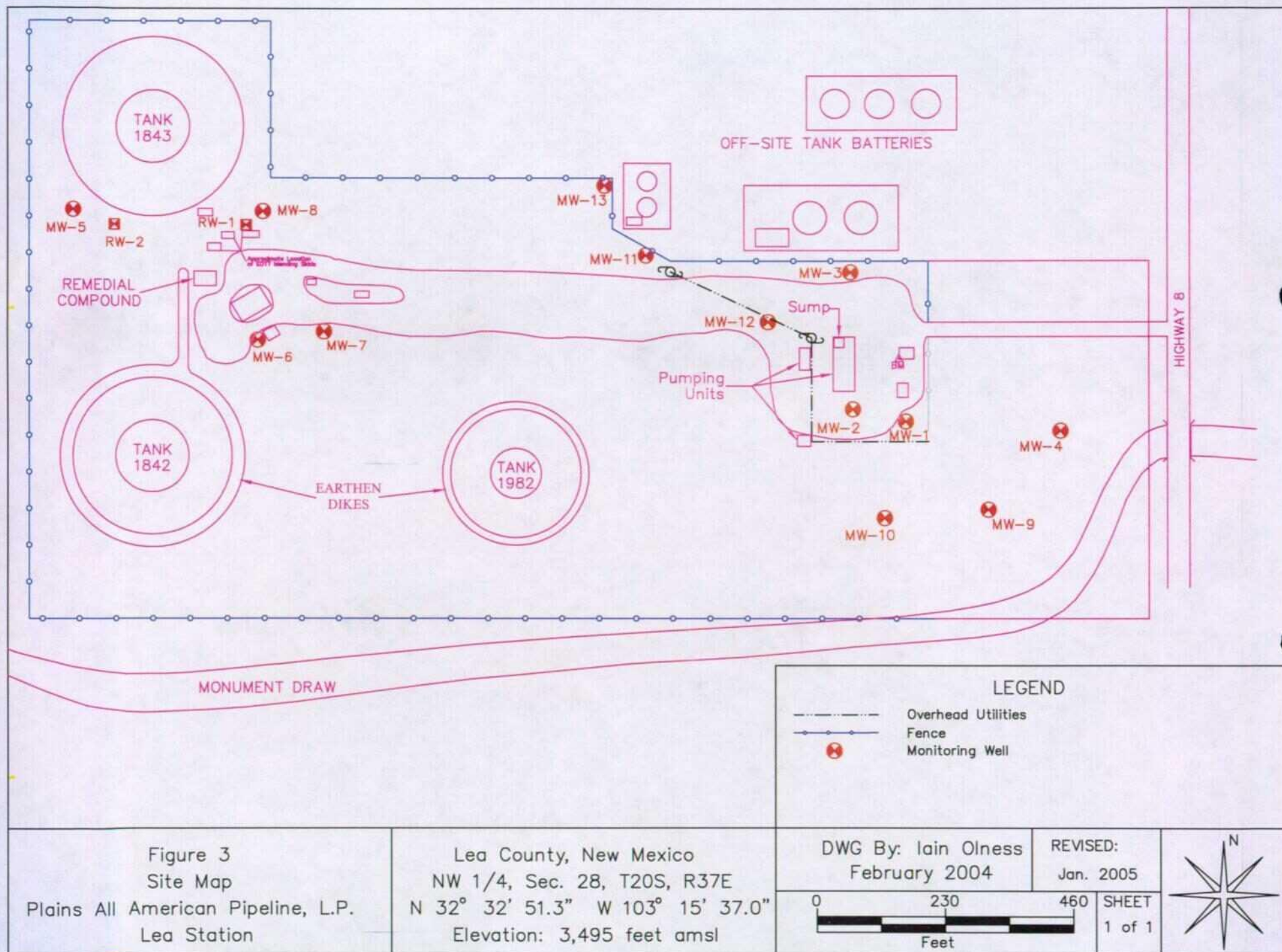
DWG By: Iain Olness
February 2005

REVISED:



SHEET
1 of 1





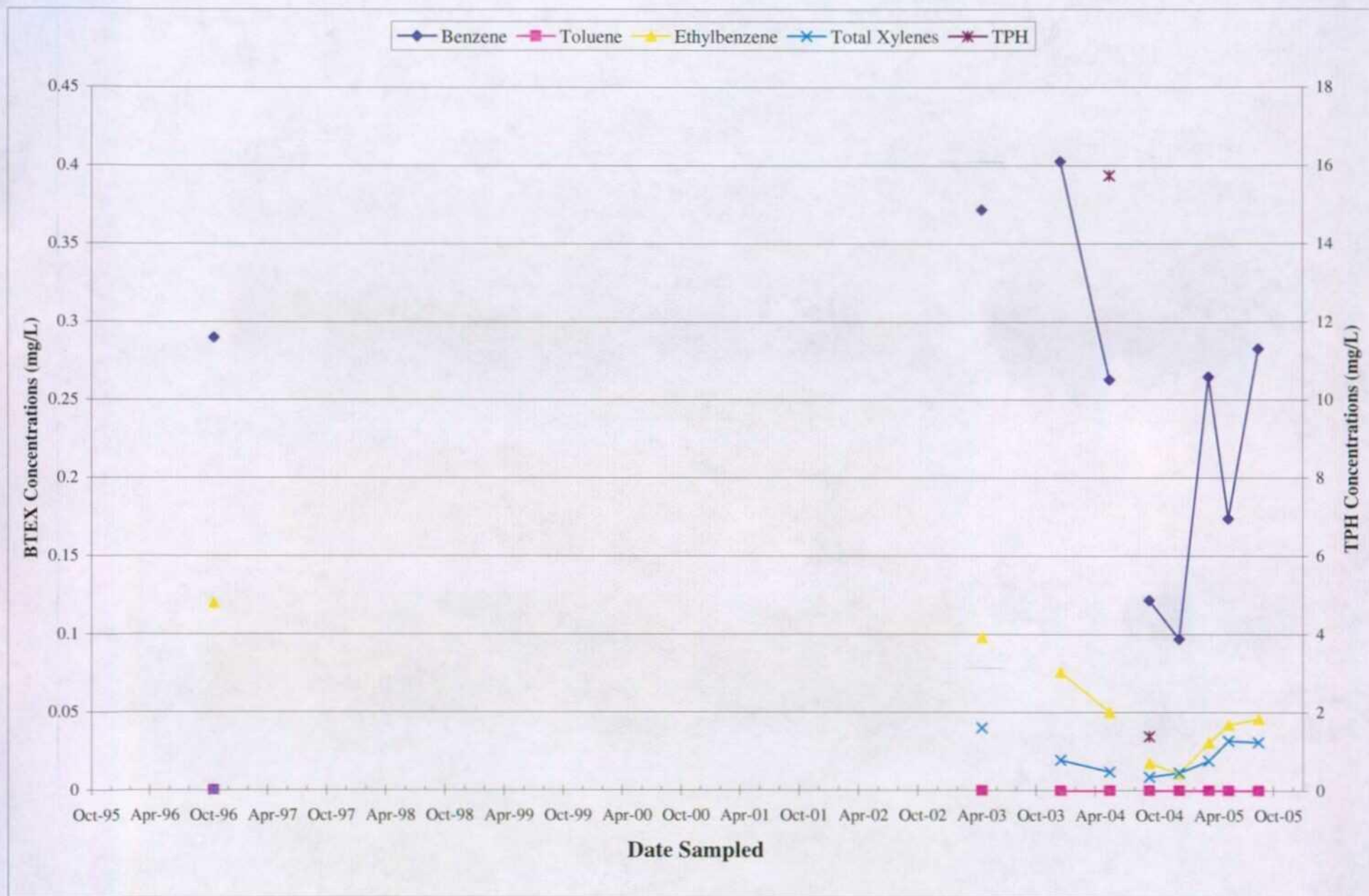


Figure 4: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-1, Plains All American Pipeline Lea Station, Lea County New Mexico, from 10/17/95 through 12/31/05.



Figure 5: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-2, Plains All American Pipeline Lea Station, Lea County New Mexico, from 10/17/95 through 12/31/05.

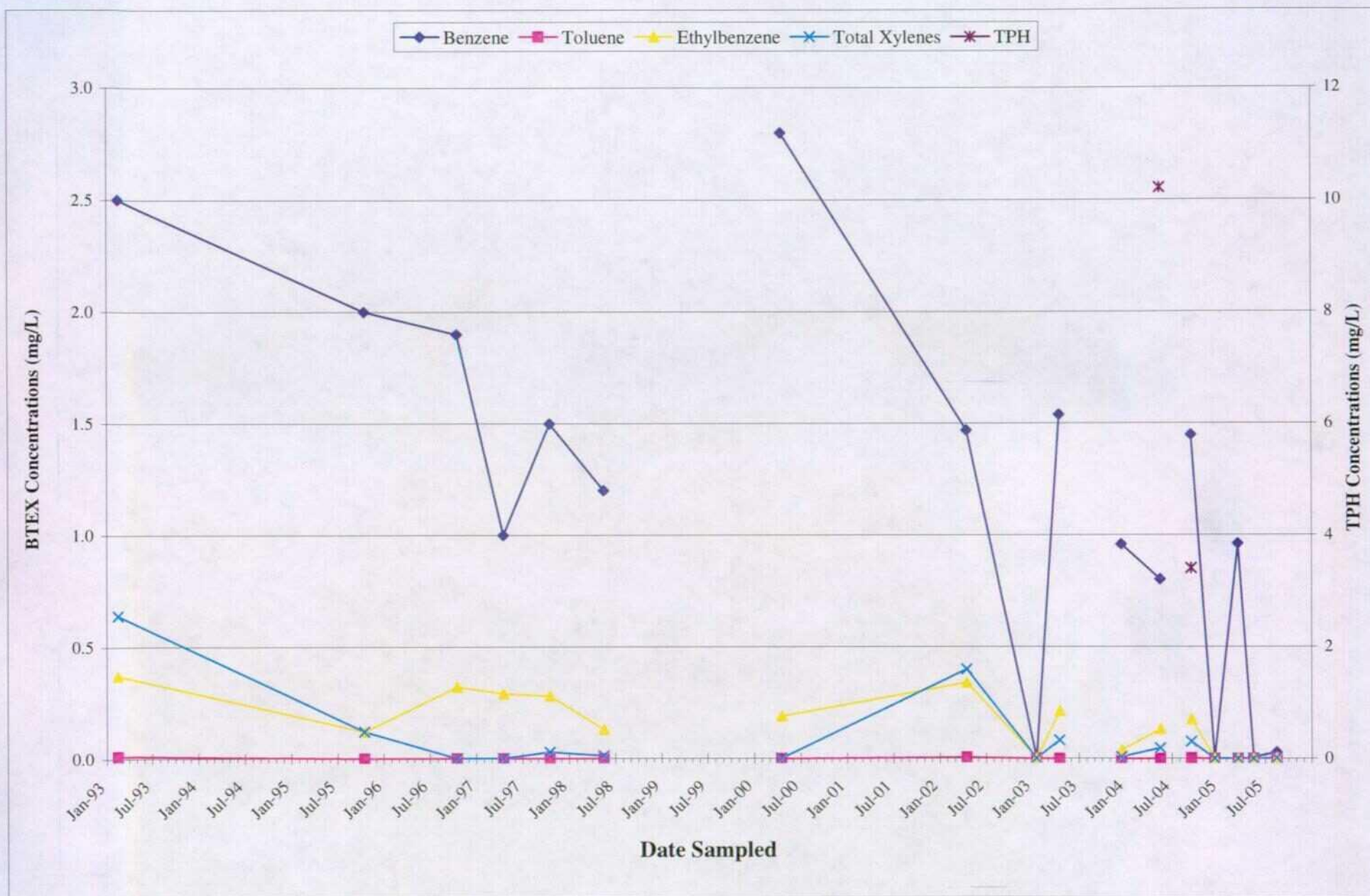


Figure 6: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-3, Plains All American Pipeline Lea Station, Lea County New Mexico, from 02/16/93 through 12/31/05.

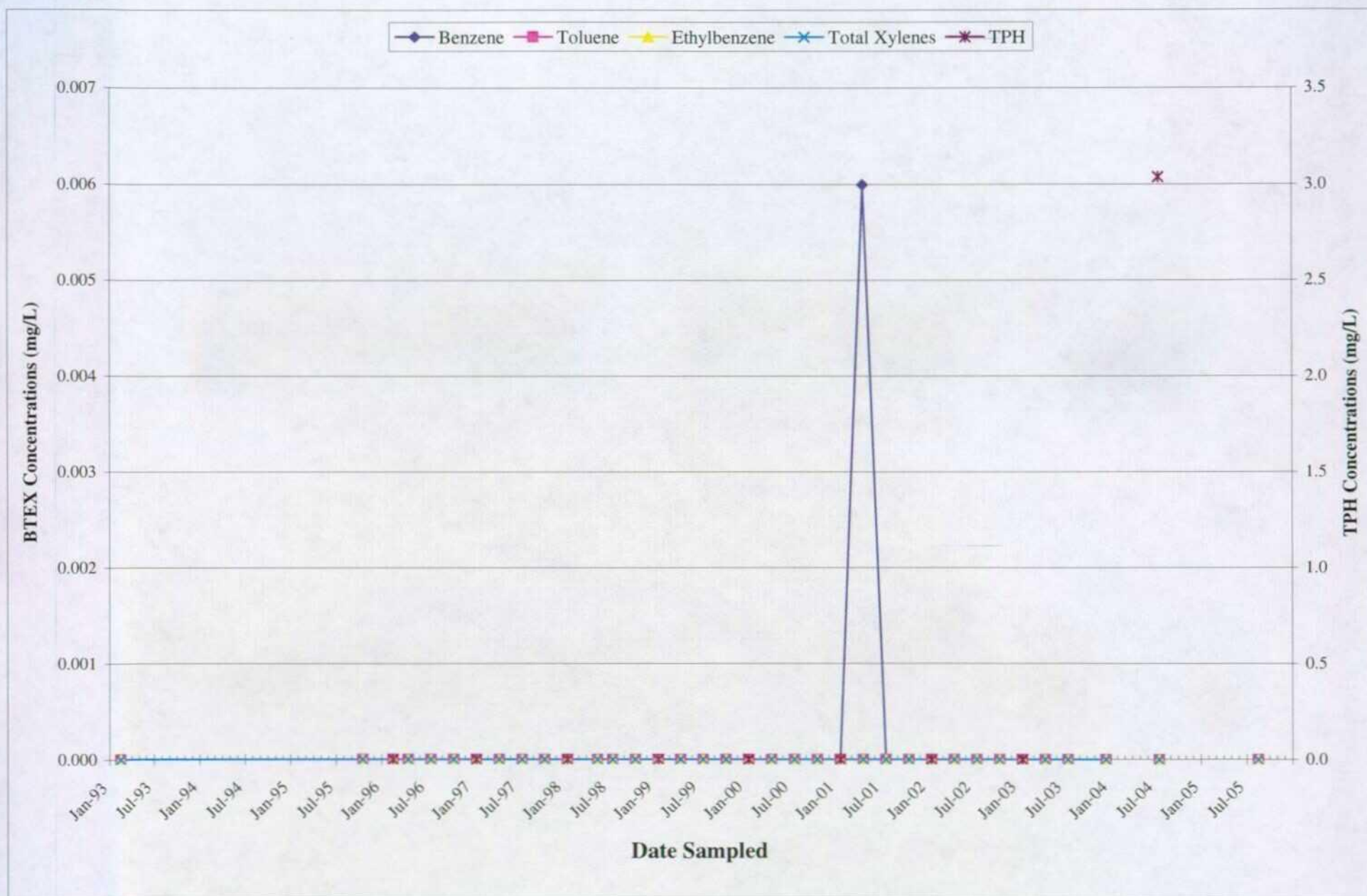


Figure 7: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-4, Plains All American Pipeline Lea Station, Lea County New Mexico, from 02/16/93 through 12/31/05.

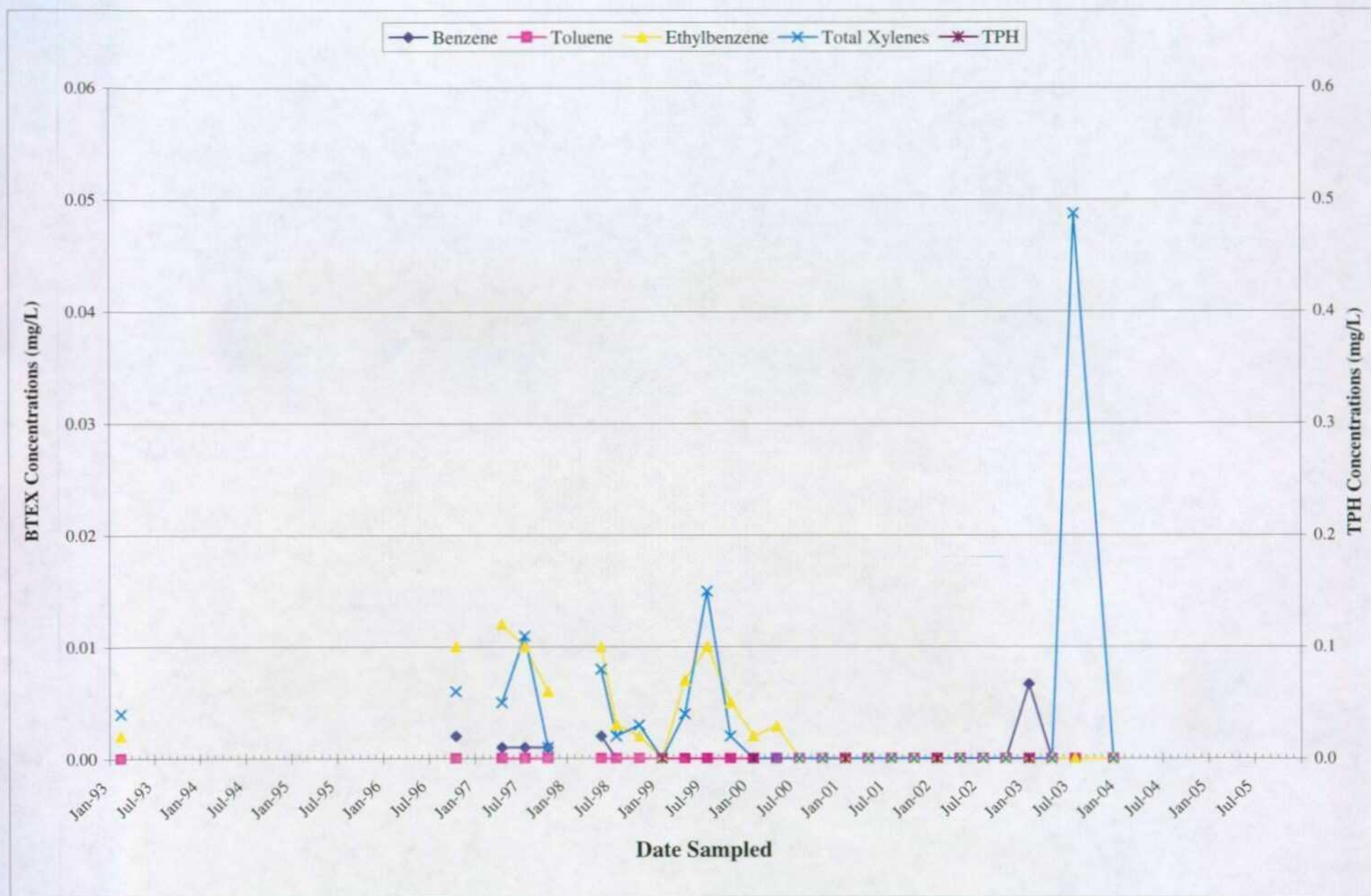


Figure 8: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-5, Plains All American Pipeline Lea Station, Lea County New Mexico, from 02/16/93 through 12/31/05.

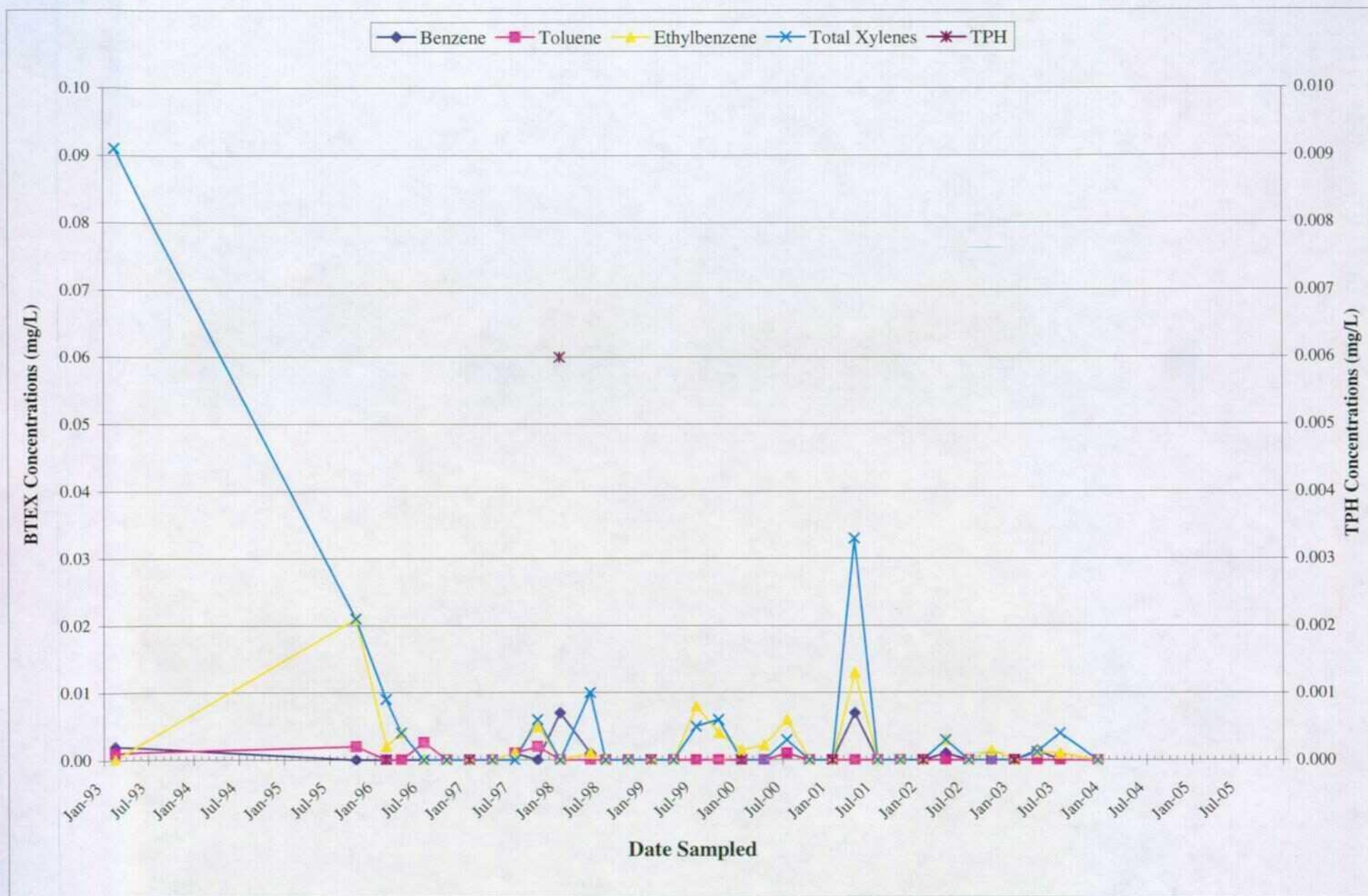


Figure 9: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-6, Plains All American Pipeline Lea Station, Lea County New Mexico, from 02/16/93 through 12/31/05.

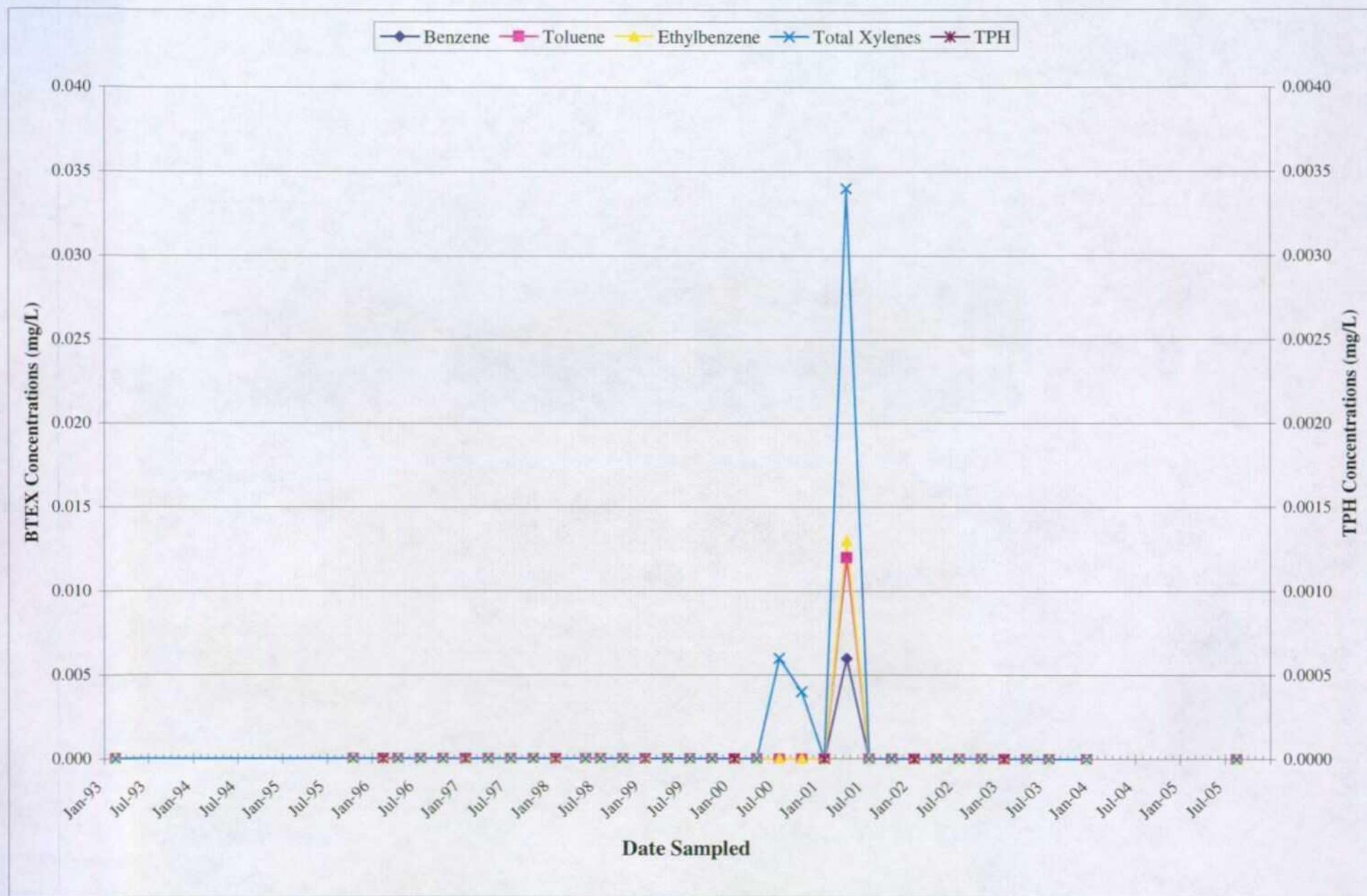


Figure 10: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-7, Plains All American Pipeline Lea Station, Lea County New Mexico, from 02/16/93 through 12/31/05.

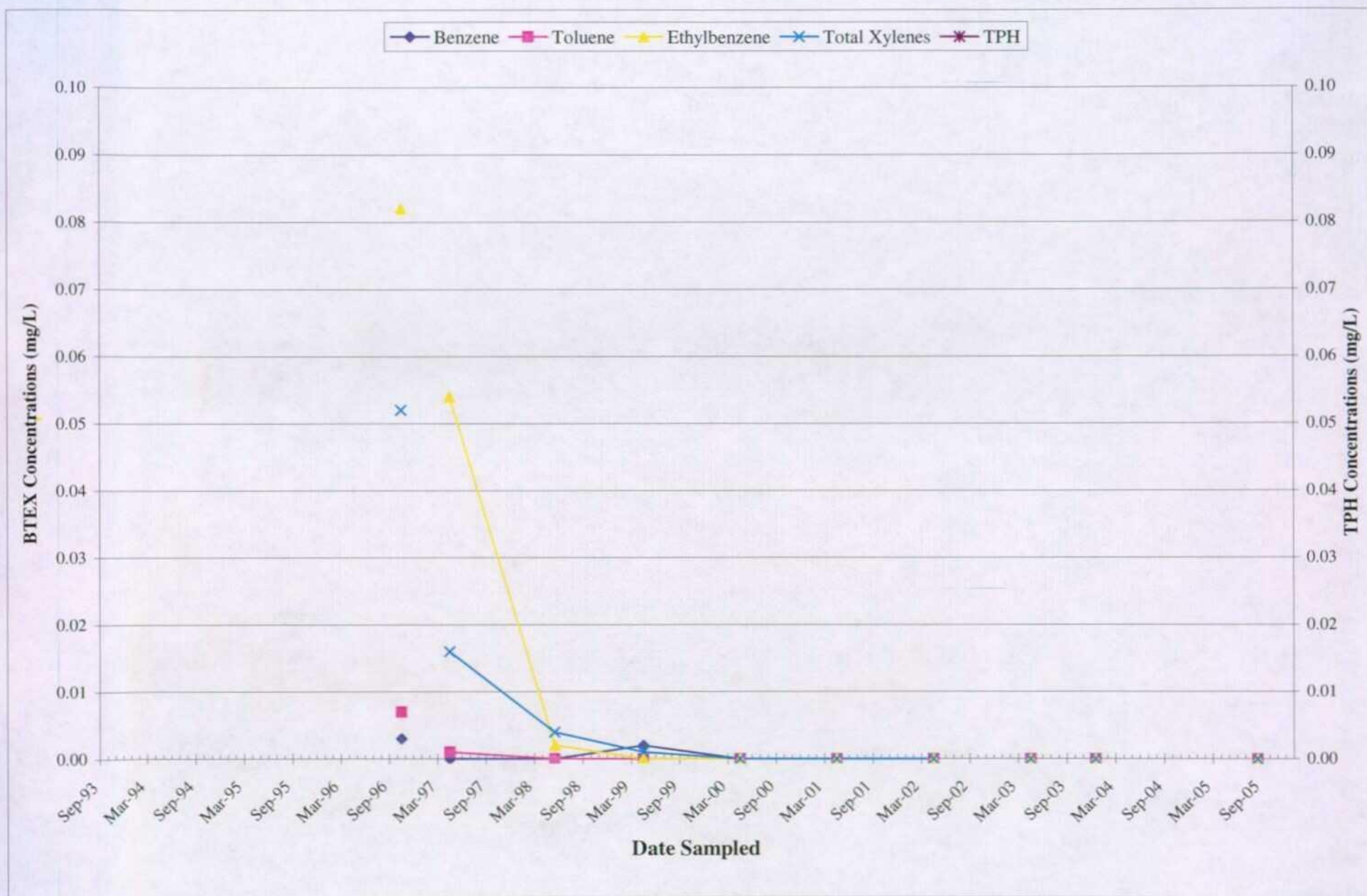


Figure 11: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-8, Plains All American Pipeline Lea Station, Lea County New Mexico, from 09/30/93 through 12/31/05.

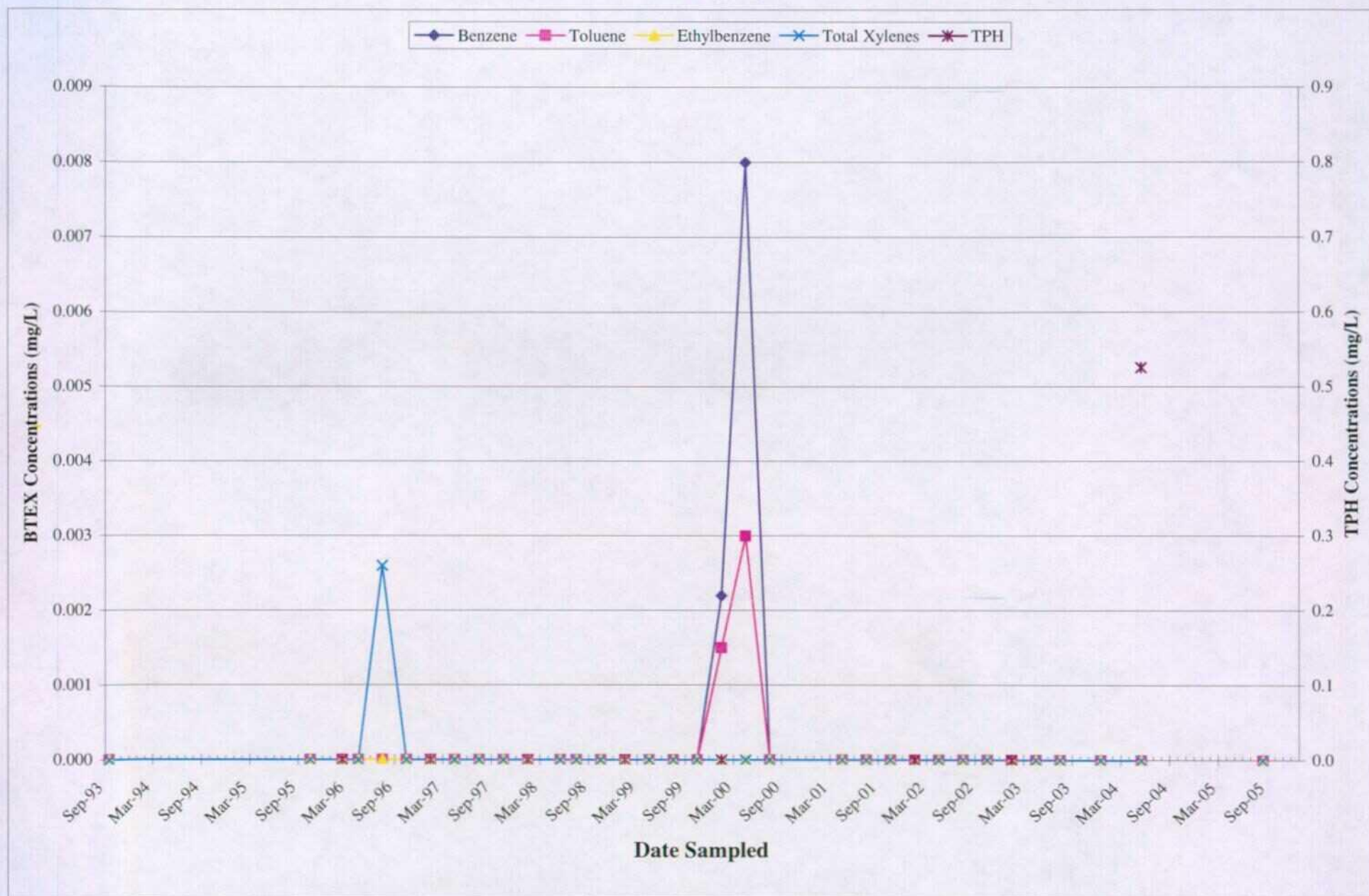


Figure 12: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-9, Plains All American Pipeline Lea Station, Lea County New Mexico, from 09/30/93 through 12/31/05.

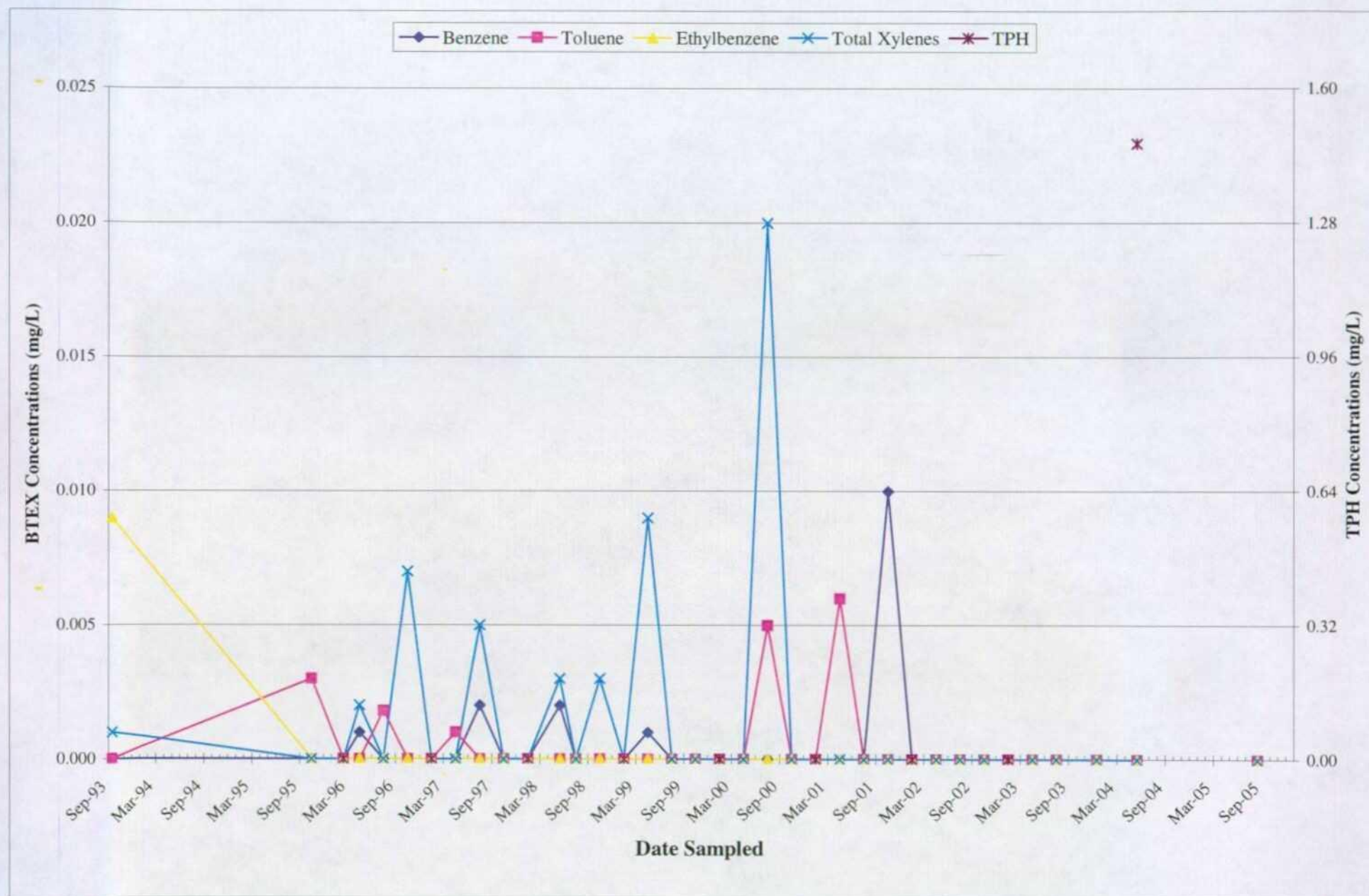


Figure 13: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-10, Plains All American Pipeline Lea Station, Lea County New Mexico, from 09/30/93 through 12/31/05.

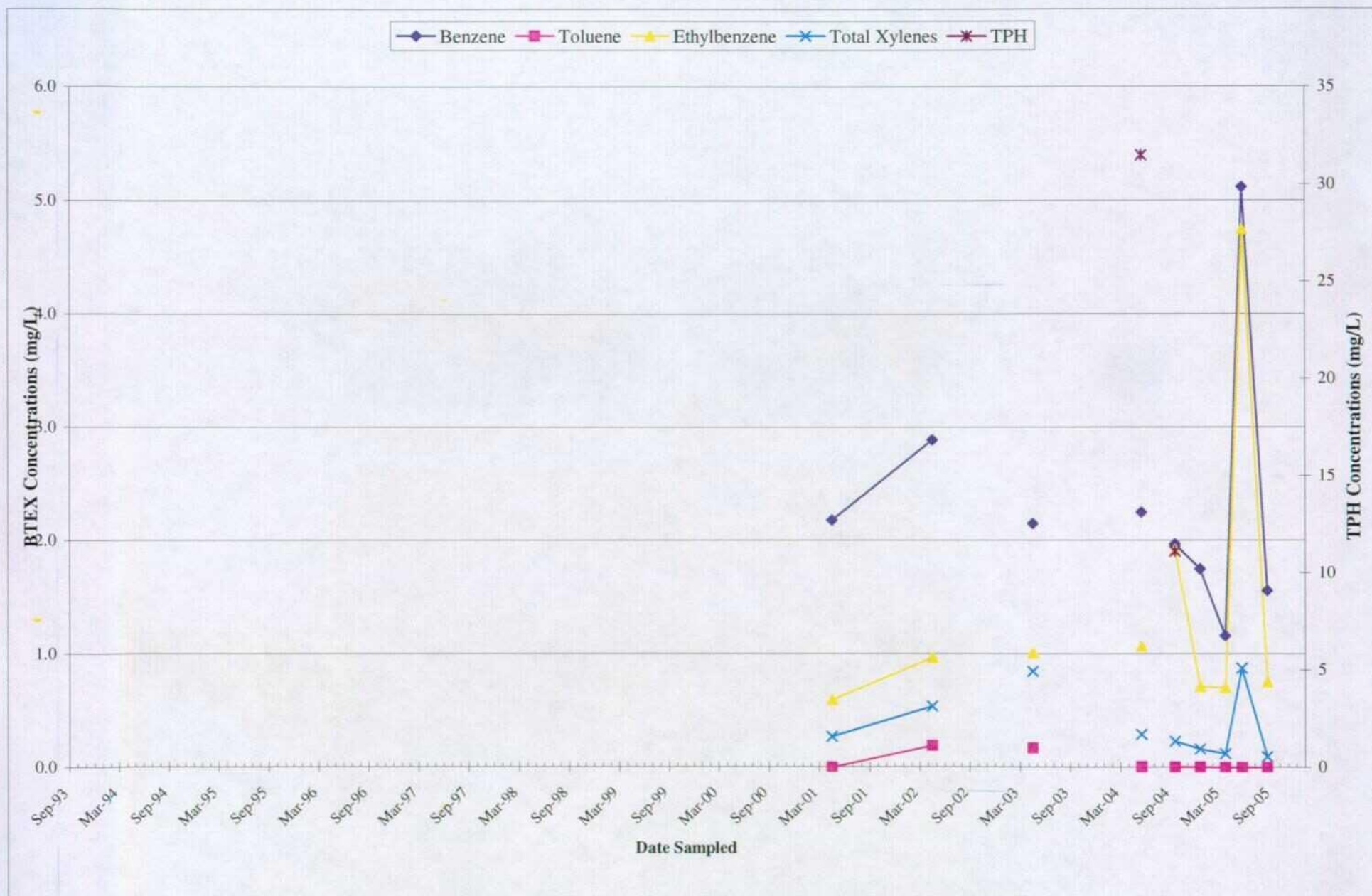


Figure 14: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-11, Plains All American Pipeline Lea Station, Lea County New Mexico, from 09/30/93 through 12/31/05.

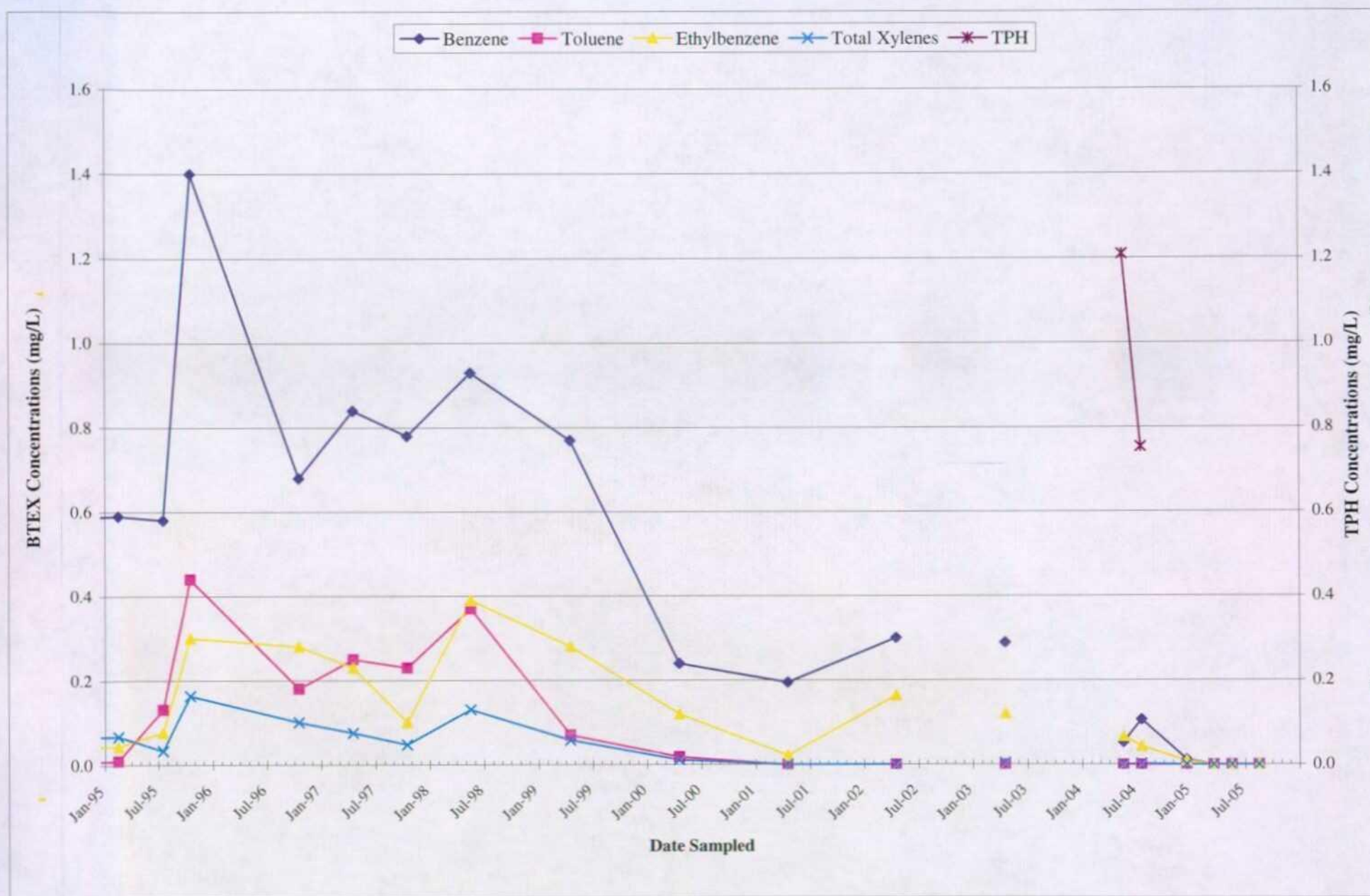


Figure 15: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-12, Plains All American Pipeline Lea Station, Lea County New Mexico, from 02/10/95 through 12/31/05.

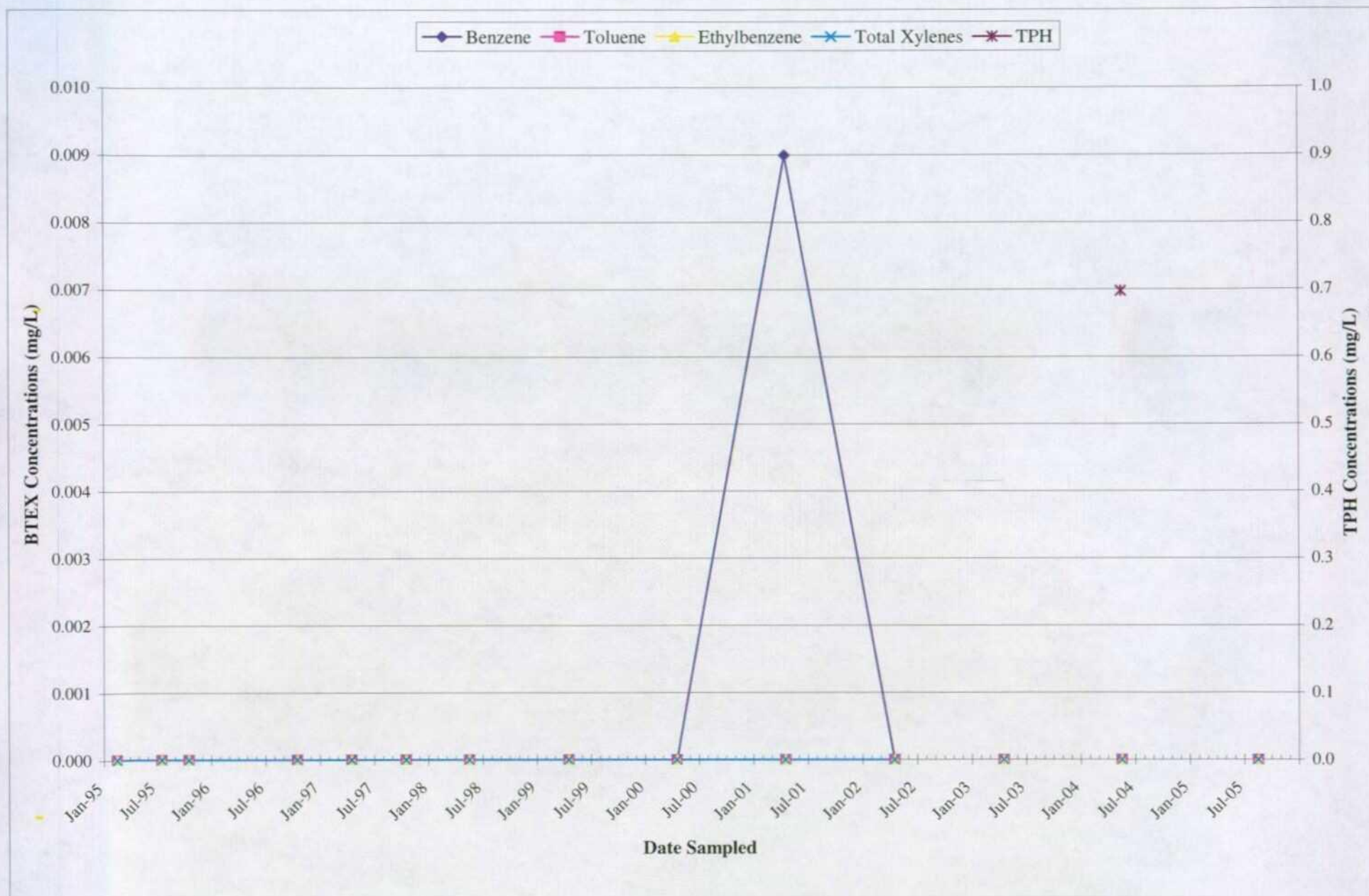


Figure 16: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-13, Plains All American Pipeline Lea Station, Lea County New Mexico, from 02/10/95 through 12/31/05.

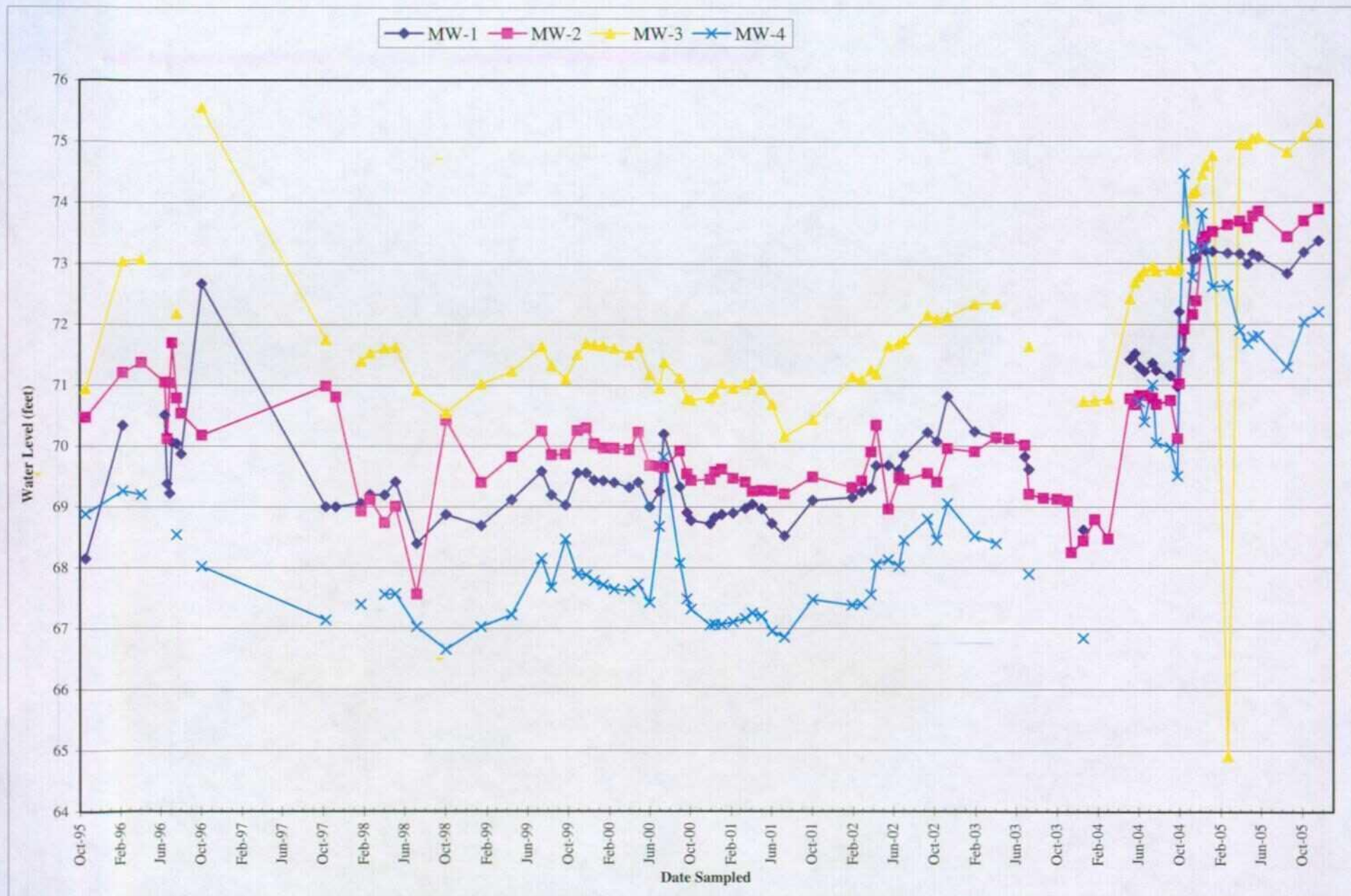


Figure 17: Hydrograph for Monitoring Wells MW-1 through MW-4, Plains All American Pipeline Lea Station, Lea County New Mexico, from 10/17/95 through 12/31/05.

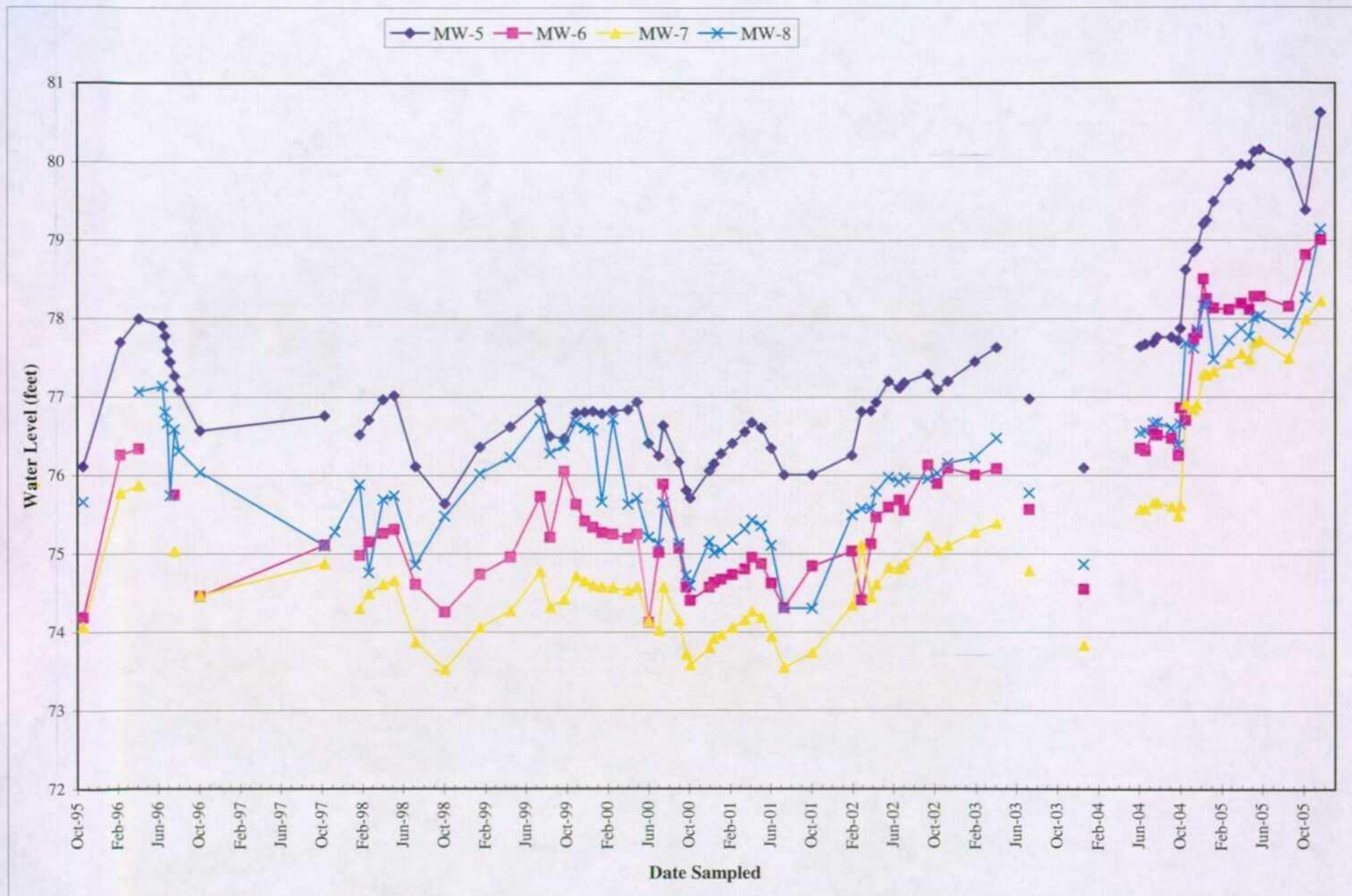


Figure 18: Hydrograph for Monitoring Wells MW-5 through MW-8, Plains All American Pipeline Lea Station, Lea County New Mexico, from 10/17/95 through 12/31/05.

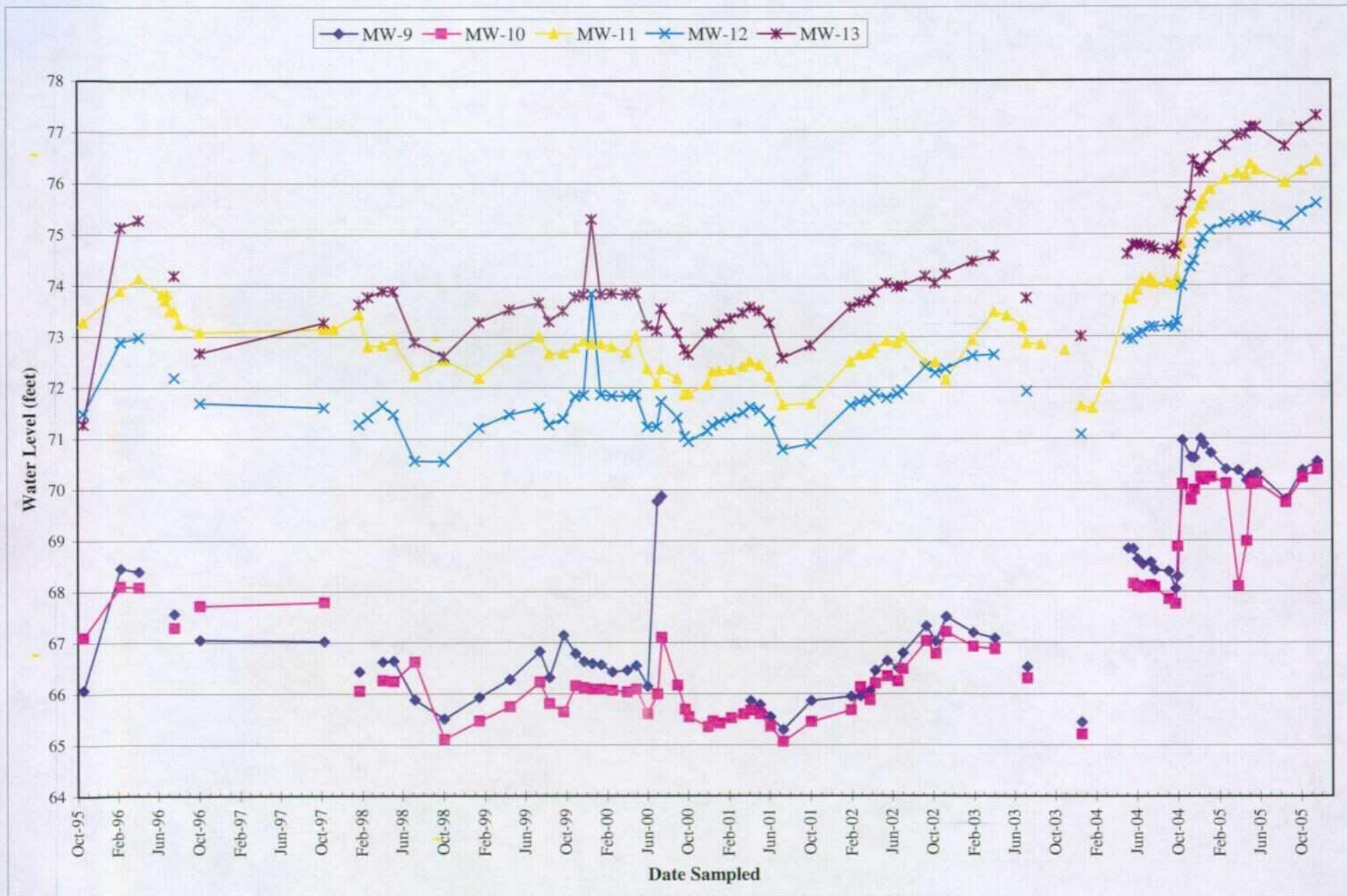


Figure 19: Hydrograph for Monitoring Wells MW-9 through MW-13, Plains All American Pipeline Lea Station, Lea County New Mexico, from 10/17/95 through 12/31/05.

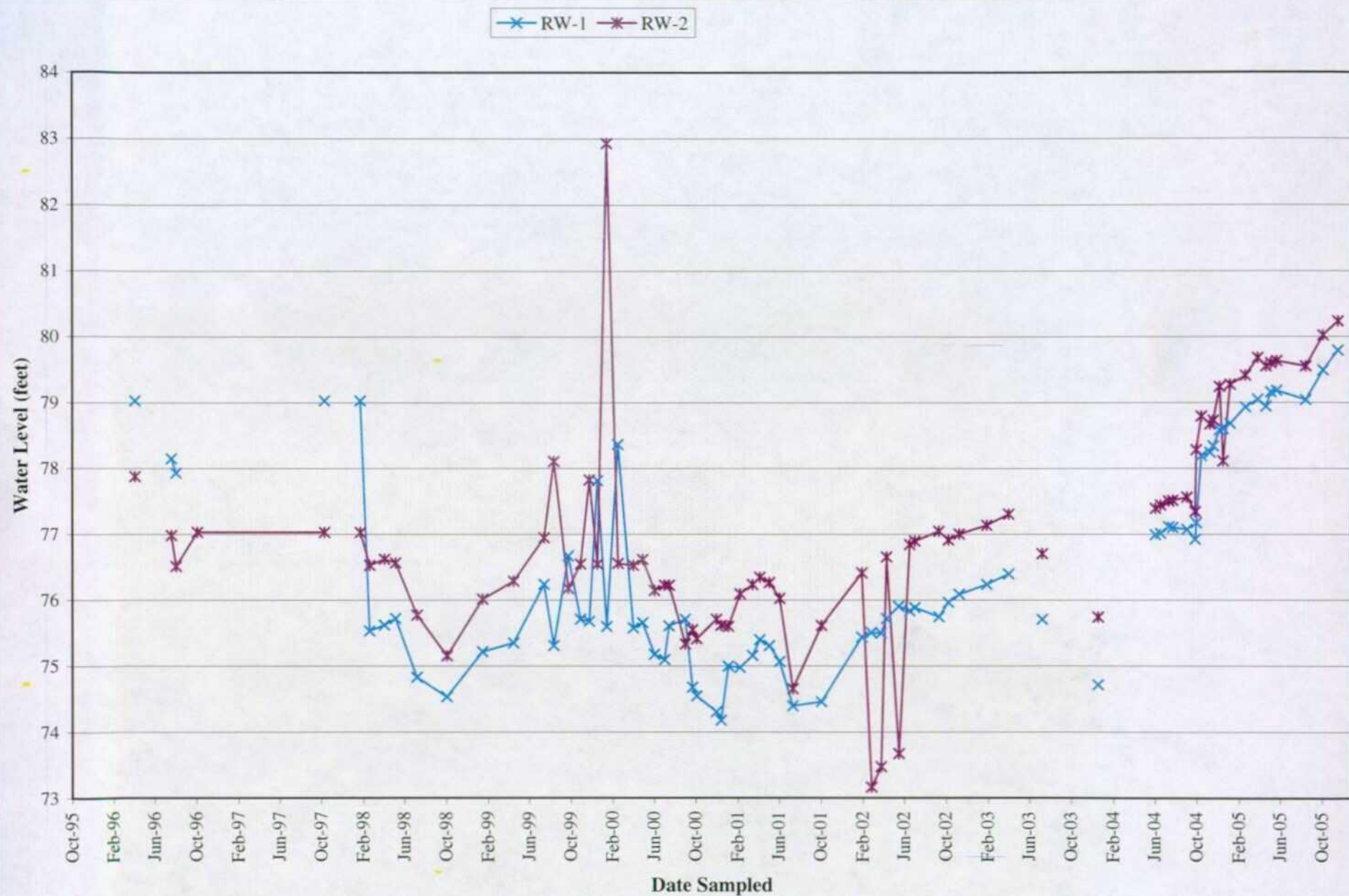


Figure 20: Hydrograph for Recovery Wells RW-1 and RW-2, Plains All American Pipeline Lea Station, Lea County New Mexico, from 10/17/95 through 12/31/05.

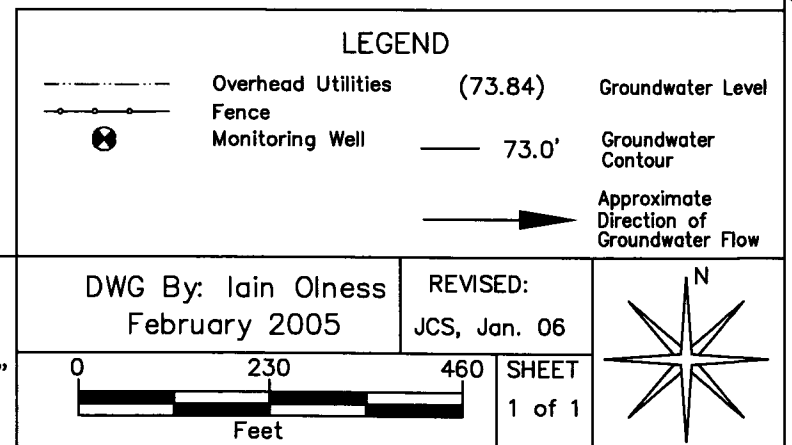
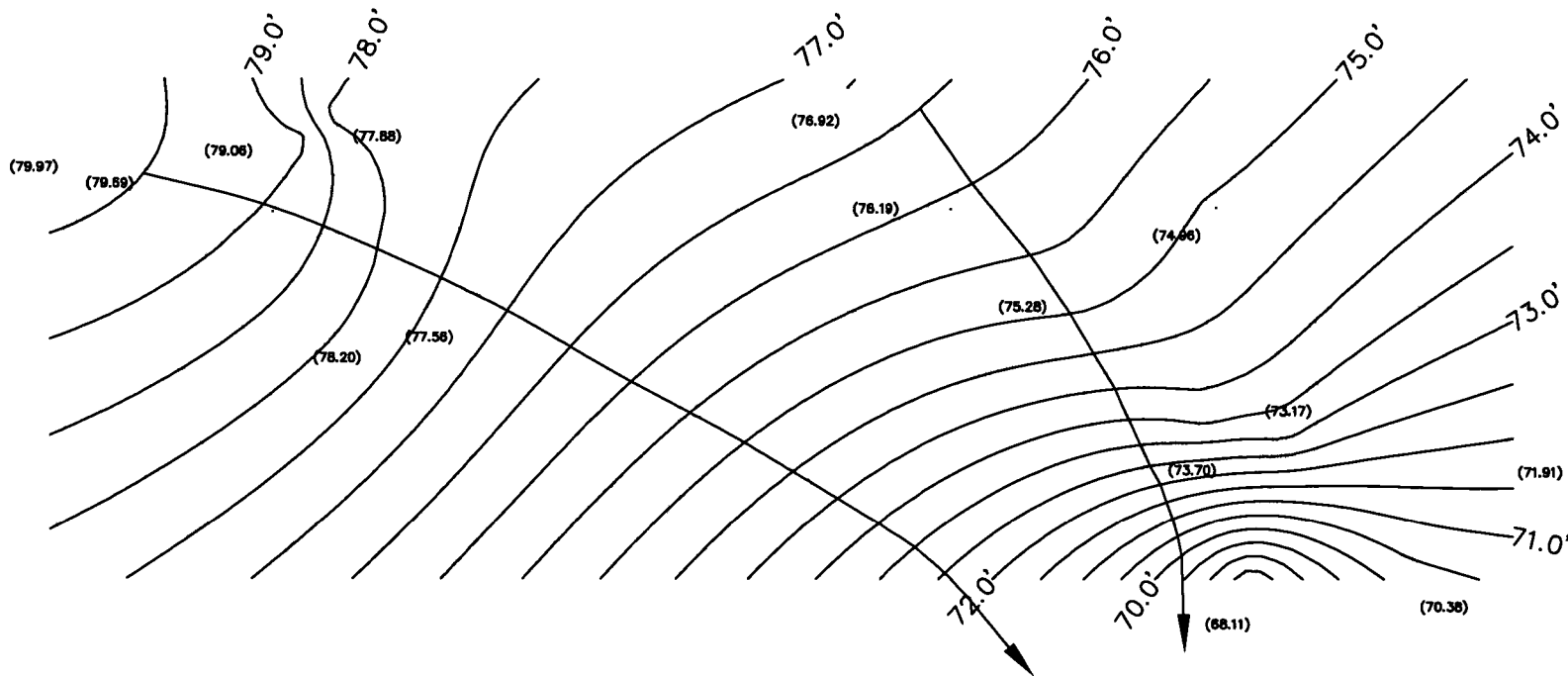
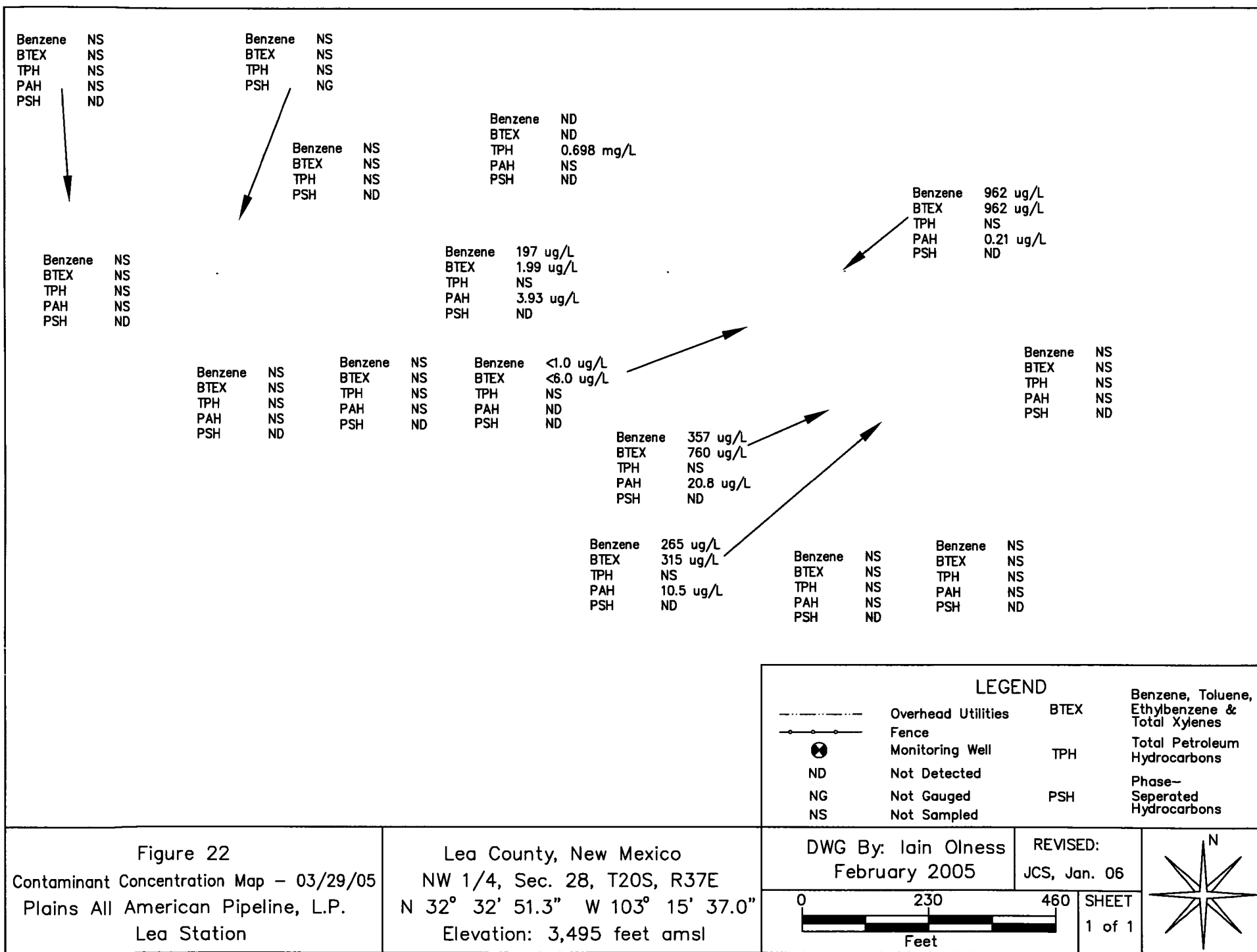


Figure 21
Groundwater Contour Map-03/29/05
Plains All American Pipeline, L.P.
Lea Station

Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl



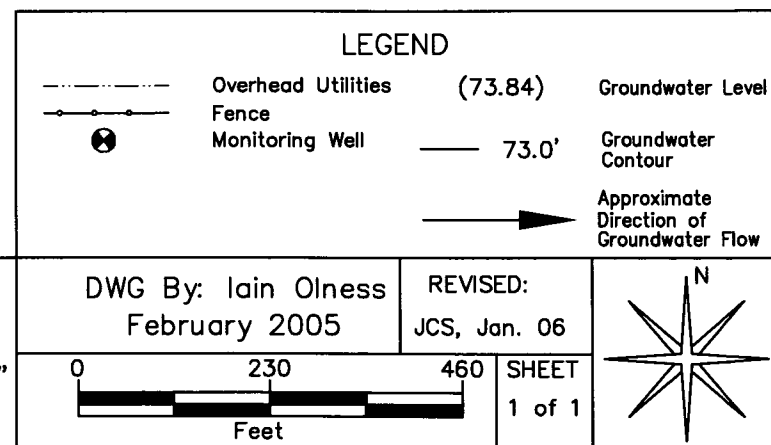
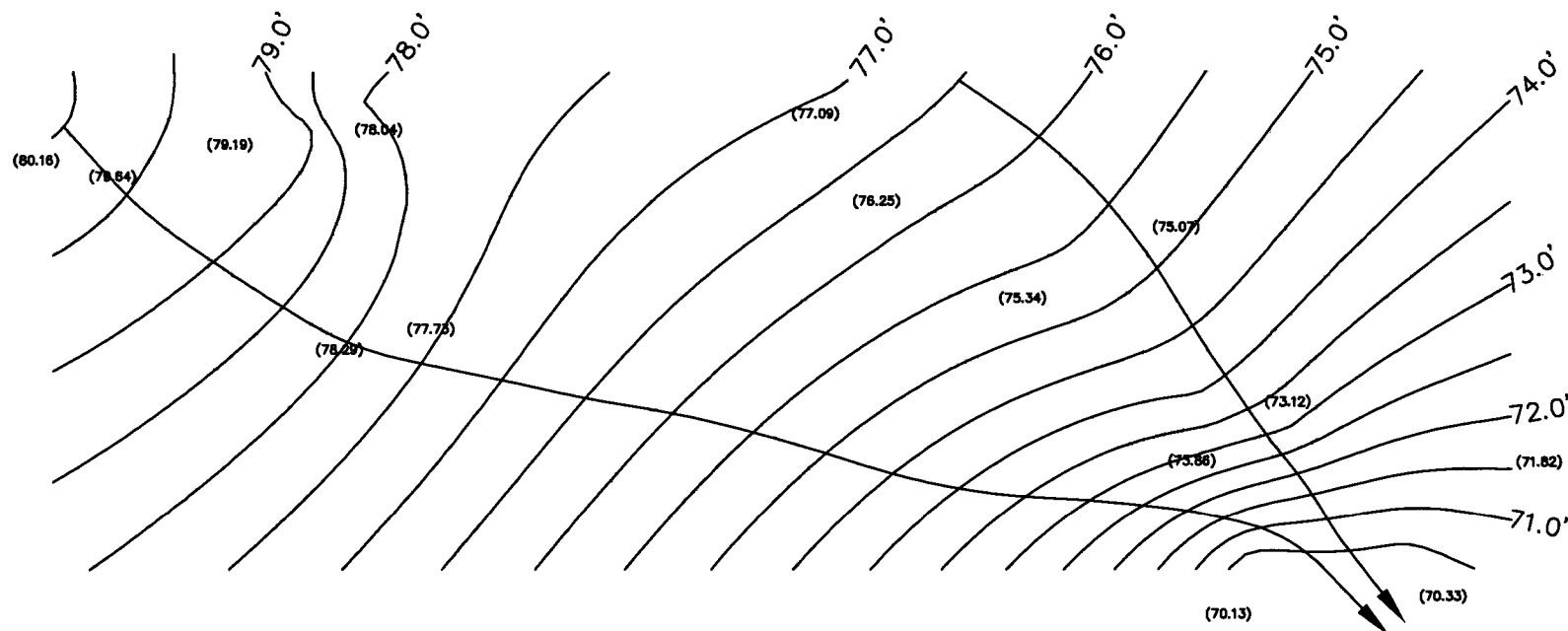


Figure 23
Groundwater Contour Map-5/23/05
Plains All American Pipeline, L.P.
Lea Station

Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl

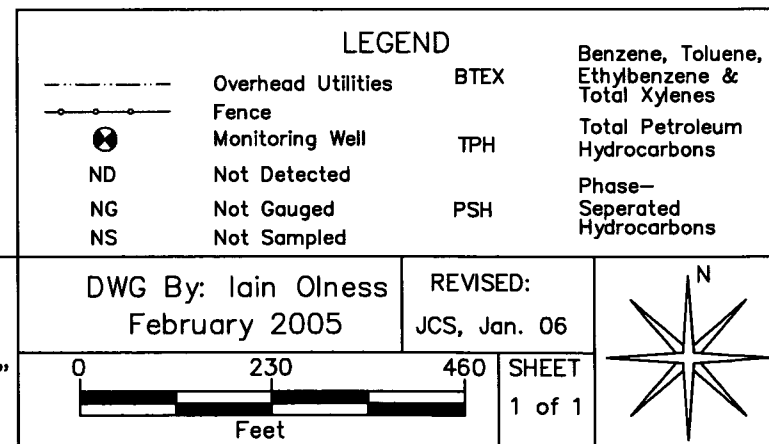
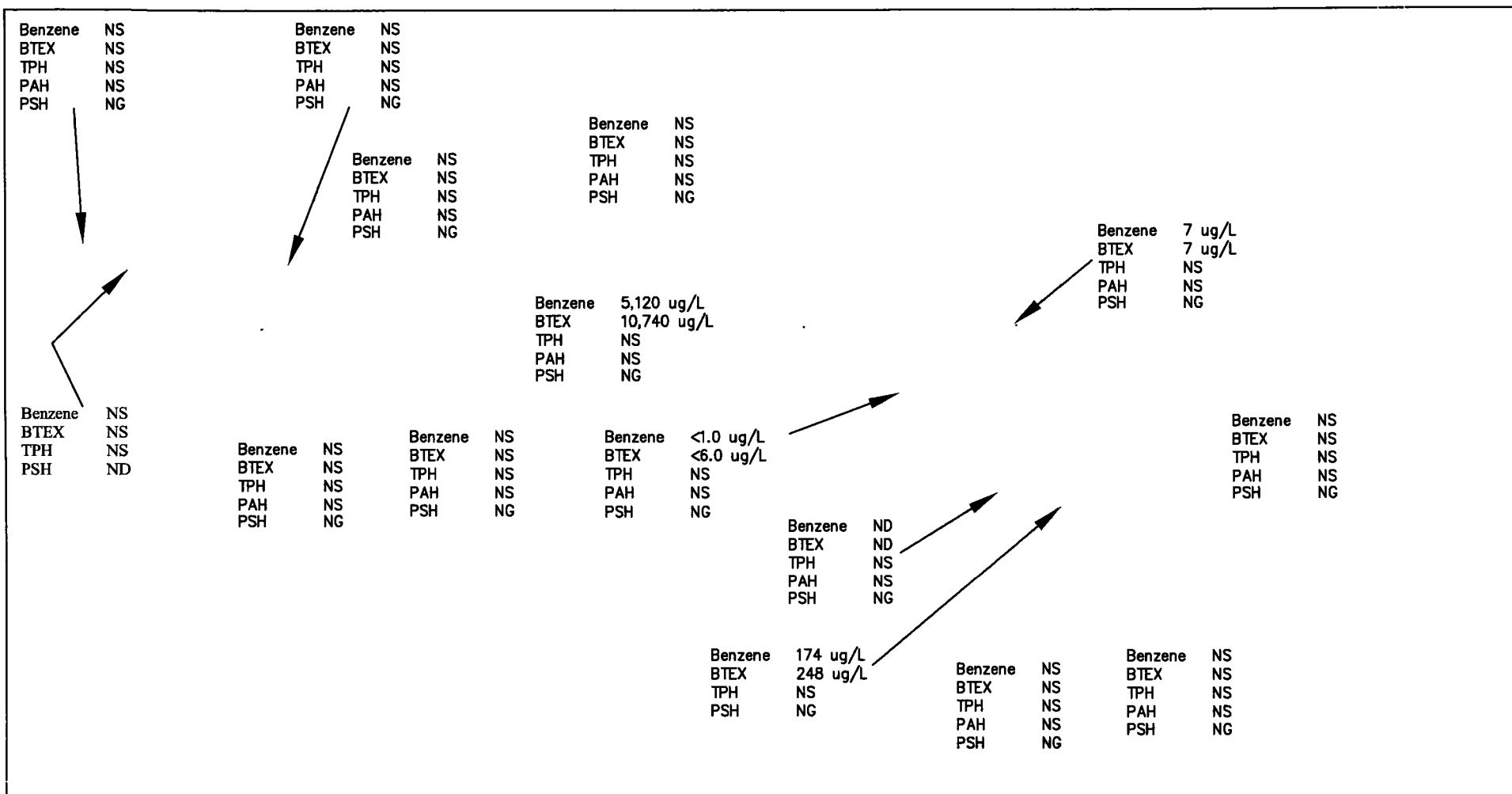


Figure 24
Contaminant Concentration Map – 05/23/05
Plains All American Pipeline, L.P.
Lea Station

Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl

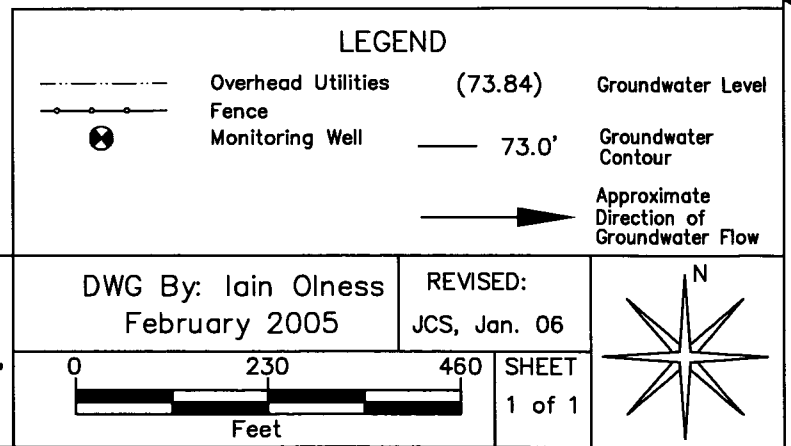
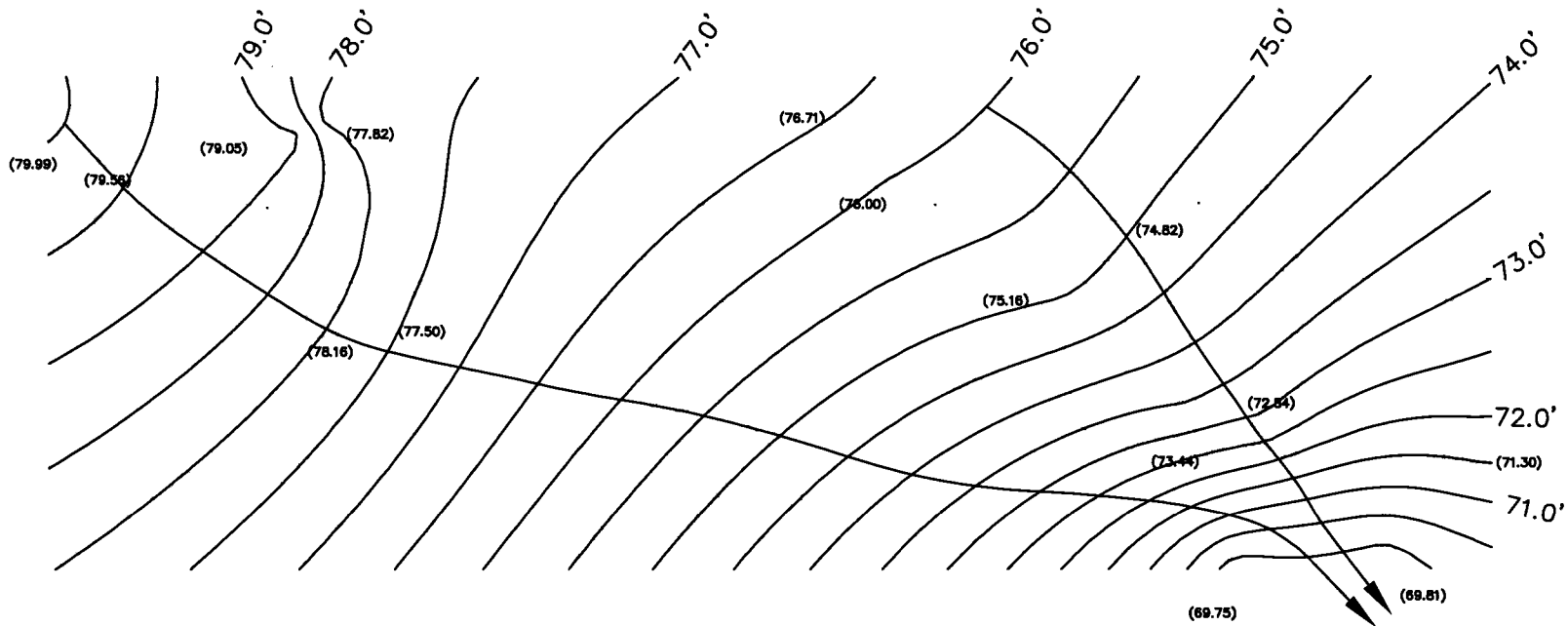
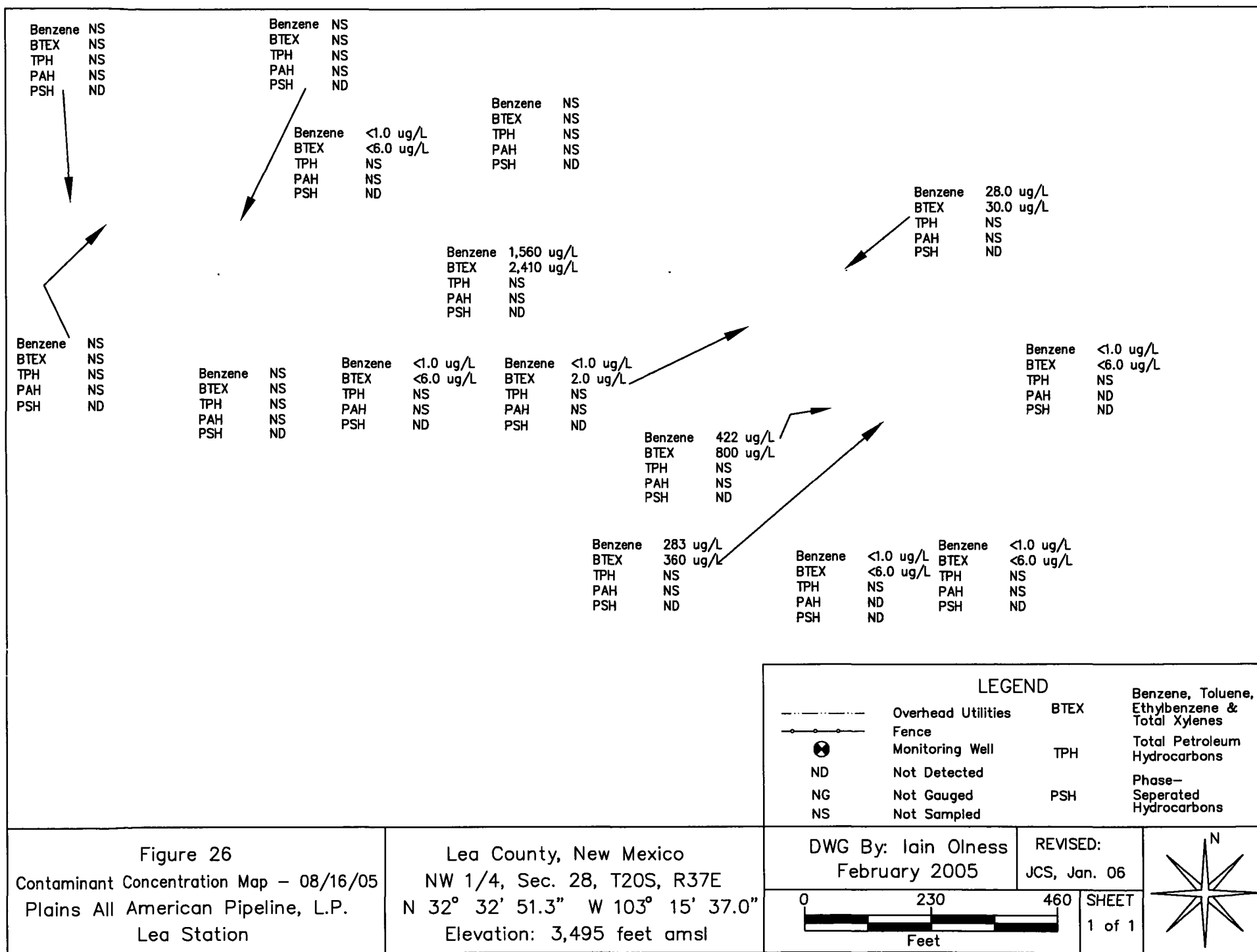
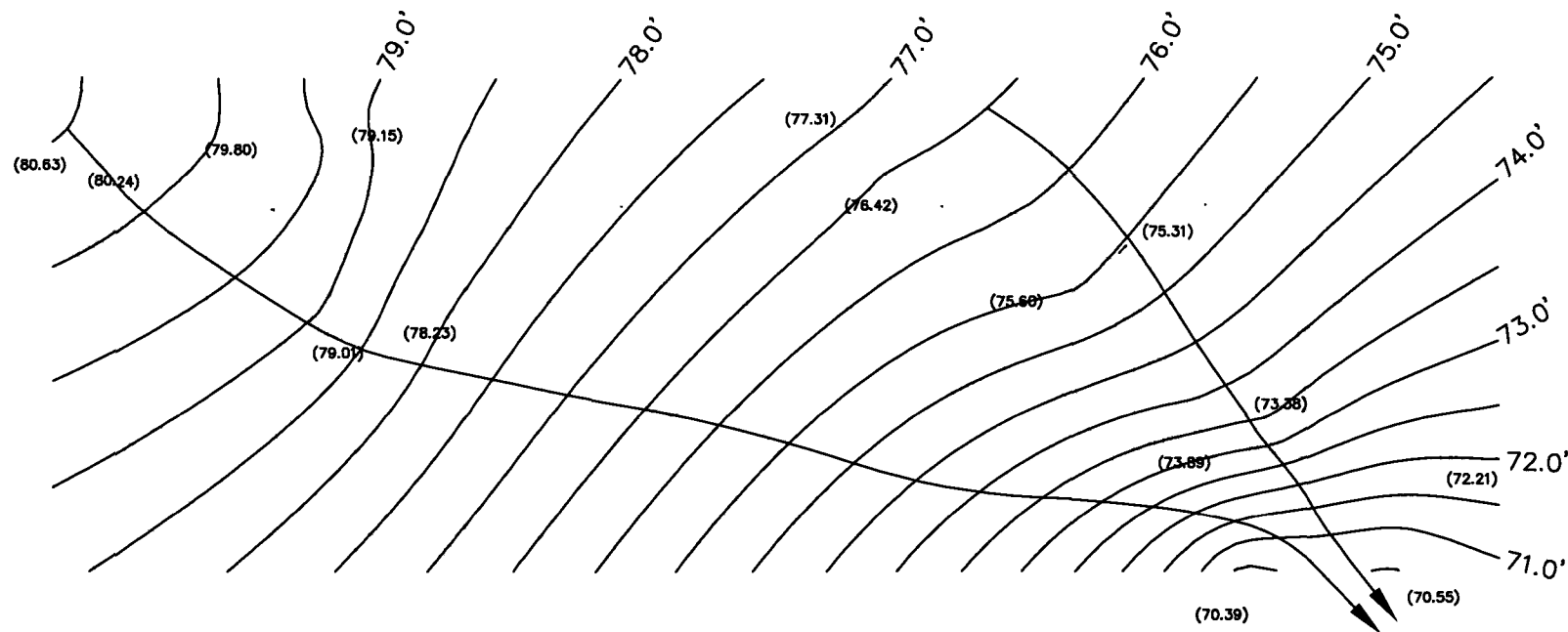


Figure 25
Groundwater Contour Map—08/16/05
Plains All American Pipeline, L.P.
Lea Station

Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl





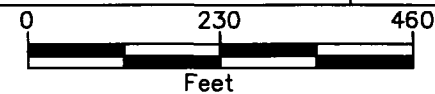
LEGEND			
	Overhead Utilities	(73.84)	Groundwater Level
	Fence	73.0'	Groundwater Contour
	Monitoring Well		
			Approximate Direction of Groundwater Flow

Figure 27
Contaminant Concentration Map-11/18/05
Plains All American Pipeline, L.P.
Lea Station

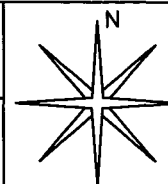
Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl

DWG By: Iain Olness
February 2005

REVISED:
JCS, Jan. 06



SHEET
1 of 1



Benzene NS
BTEX NS
TPH NS
PSH ND

Benzene NS
BTEX NS
TPH NS
PSH ND

Benzene NS
BTEX NS
TPH NS
PSH ND

Benzene NS
BTEX NS
TPH NS
PSH ND

Benzene 650 ug/L
BTEX 1,060 ug/L
TPH NS
PSH ND

Benzene 13.0 ug/L
BTEX 13.0 ug/L
TPH NS
PSH ND

Benzene NS
BTEX NS
TPH NS
PSH ND

Benzene NS
BTEX NS
TPH NS
PSH ND

Benzene NS
BTEX NS
TPH NS
PSH ND

Benzene <1.0 ug/L
BTEX 2.0 ug/L
TPH NS
PSH ND

Benzene NS
BTEX NS
TPH NS
PSH ND

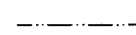
Benzene 341 ug/L
BTEX 640 ug/L
TPH NS
PSH ND

Benzene 100 ug/L
BTEX 158 ug/L
TPH NS
PSH ND

Benzene NS
BTEX NS
TPH NS
PSH ND

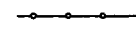
Benzene NS
BTEX NS
TPH NS
PSH ND

LEGEND



Overhead Utilities

BTEX



Fence



Monitoring Well

TPH

ND

Not Detected

NG

Not Gauged

NS

Not Sampled

PSH

Benzene, Toluene,
Ethylbenzene &
Total Xylenes

Total Petroleum
Hydrocarbons

Phase-
Separated
Hydrocarbons

Figure 28
Groundwater Contour Map - 11/18/05
Plains All American Pipeline, L.P.
Lea Station

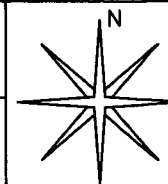
Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl

DWG By: Iain Olness
February 2005

REVISED:
JCS, Jan. 06

0 230 460
Feet

SHEET
1 of 1



TABLES

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-1	10/17/95	98.88	100.73	32.52	33.16	68.15	0.64			
	02/07/96			30.39	30.39	70.34	0.00			
	04/03/96									
	06/12/96			30.22	30.22	70.51	0.00			
	06/20/96			31.35	31.35	69.38	0.00			
	06/27/96			31.51	31.51	69.22	0.00			
	07/05/96			30.67	30.67	70.06	0.00			
	07/18/96			30.69	30.69	70.04	0.00			
	08/01/96			30.86	30.86	69.87	0.00			
	10/02/96			28.06	28.06	72.67	0.00			
	10/09/97	98.88	100.73	31.73	31.73	69.00	0.00	0.25		Absorptive Boom
	11/08/97					69.00	0.00	0.10	12.96	Absorptive Boom/Hand Bail
	01/22/98			31.65	31.84	69.06	0.19		12.96	
	02/18/98			31.52	31.60	69.20	0.08		12.96	
	04/02/98			31.51	31.74	69.20	0.23	2.50	15.46	Absorptive Boom/Hand Bail
	05/05/98			31.31	31.37	69.41	0.06	2.50	17.96	Absorptive Boom/Hand Bail
	07/07/98			32.30	32.64	68.40	0.34	3.00	20.96	Absorptive Boom/Hand Bail
	10/02/98			31.81	32.25	68.88	0.44	2.00	22.96	Absorptive Boom/Hand Bail
	01/14/99			32.02	32.20	68.69	0.18	1.50	24.46	Absorptive Boom/Hand Bail
	04/15/99			31.57	31.98	69.12	0.41		24.46	
	07/13/99			31.10	31.55	69.59	0.45	1.50	25.96	Absorptive Boom/Hand Bail
	08/11/99			31.48	32.00	69.20	0.52	1.50	27.46	Absorptive Boom/Hand Bail
	09/22/99			31.68	31.90	69.03	0.22	0.25	27.71	Absorptive Boom/Hand Bail
	10/28/99			31.16	31.26	69.56	0.10	1.75	29.46	Absorptive Boom/Hand Bail
	11/23/99			31.16	31.26	69.56	0.10	0.25	29.71	Absorptive Boom
	12/17/99				31.29	69.44	0.00	0.25	29.96	Absorptive Boom
	01/13/00				31.30	69.43	0.00	0.25	30.21	Absorptive Boom
	02/15/00				31.33	69.40	0.00	0.25	29.46	Absorptive Boom
	03/31/00				31.41	69.32	0.00	0.25	30.46	Absorptive Boom
	04/27/00				31.32	69.41	0.00		30.46	Absorptive Boom
	05/31/00				31.73	69.00	0.00	0.25	30.71	Absorptive Boom

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

[illegible]

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-1 (cont.)	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				32.10	68.63	0.00	0.00	34.46	Absorptive Boom
	01/21/04									
	03/01/04									
	05/06/04				29.30	71.43	0.00	0.00	34.46	Absorptive Boom
	05/21/04				29.20	71.53	0.00	0.00	34.46	Absorptive Boom
	06/03/04				29.42	71.31	0.00	0.00	34.46	Absorptive Boom
	06/18/04				29.50	71.23	0.00	0.00	34.46	Absorptive Boom (Changed Out)
	07/12/04				29.36	71.37	0.00	0.00	34.46	Absorptive Boom (Changed Out)
	07/23/04				29.48	71.25	0.00	0.00	34.46	Absorptive Boom
	09/03/04				29.57	71.16	0.00	0.00	34.46	Absorptive Boom (Changed Out)
	09/24/04				29.75	70.98	0.00	0.00	34.46	Absorptive Boom
	09/30/04				28.51	72.22	0.00	0.00		Absorptive Boom (Changed Out)
	10/15/04				29.15	71.58	0.00	0.00		Absorptive Boom
	11/09/04				27.65	73.08	0.00	0.00		Absorptive Boom
	11/19/04				27.63	73.10	0.00	0.00		Absorptive Boom
	12/07/04				27.44	73.29	0.00	0.00		Absorptive Boom (Changed Out)
	12/17/04				27.51	73.22	0.00	0.00		Absorptive Boom
	01/07/05				27.52	73.21	0.00	0.00		Absorptive Boom
	02/21/05				27.55	73.18	0.00	0.00		Absorptive Boom
	03/29/05				27.56	73.17	0.00	0.00		Absorptive Boom
	04/22/05				27.73	73.00	0.00	0.00		
	05/06/05				27.56	73.17	0.00	0.00		
	05/23/05				27.61	73.12	0.00	0.00		
	08/16/05				27.89	72.84	0.00	0.00		
	10/05/05	98.88			27.54	73.19	0.00	0.00		
	11/18/05				27.35	73.38	0.00	0.00		

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-2	10/17/95	100.78	102.37	31.89	32.04	70.47	0.15	0.00		
	02/07/96			31.14	31.38	71.21	0.24	0.00		
	04/03/96			30.96	31.29	71.38	0.33	0.00		
	06/12/96				31.32	71.05	0.00	0.00		
	06/20/96				32.25	70.12	0.00	0.00		
	06/27/96				31.33	71.04	0.00	0.00		
	07/05/96				30.67	71.70	0.00	0.00		
	07/18/96				31.58	70.79	0.00	0.00		
	08/01/96				31.83	70.54	0.00	0.00		
	10/02/96			32.13	32.71	70.18	0.58	0.00		
	10/09/97	100.78	102.37		31.38	70.99	0.00	0.00		Absorptive Boom/Hand Bail
	11/08/97				31.56	70.81	0.00	0.05	10.25	Absorptive Boom/Hand Bail
	01/22/98			33.34	34.37	68.93	1.03	0.50	10.75	Absorptive Boom/Hand Bail
	02/18/98			33.15	34.14	69.12	0.99	0.50	11.25	Absorptive Boom/Hand Bail
	04/02/98			33.51	34.72	68.74	1.21	2.00	13.25	Absorptive Boom/Hand Bail
	05/05/98			33.26	34.28	69.01	1.02	2.00	15.25	Absorptive Boom/Hand Bail
	07/07/98			34.62	36.44	67.57	1.82	3.00	18.25	Absorptive Boom/Hand Bail
	10/02/98			31.81	33.13	70.43	1.32	2.00	20.25	Absorptive Boom/Hand Bail
	01/14/99			32.83	34.23	69.40	1.40		20.25	Absorptive Boom/Hand Bail
	04/15/99			32.36	34.20	69.83	1.84		20.25	
	07/13/99			31.88	34.30	70.25	2.42	4.00	24.25	Hand Bail
	08/11/99			32.27	34.70	69.86	2.43	3.50	27.75	Hand Bail
	09/22/99			32.32	34.14	69.87	1.82	2.50	30.25	Hand Bail
	10/28/99			31.98	33.30	70.26	1.32	2.00	32.25	Hand Bail
	11/23/99			31.93	33.28	70.31	1.35	2.00	34.25	Absorptive Boom/Hand Bail
	12/17/99			32.26	32.94	70.04	0.68	1.25	35.50	Absorptive Boom/Hand Bail
	01/13/00			32.31	33.20	69.97	0.89	1.50	37.00	Absorptive Boom/Hand Bail
	02/15/00			32.30	33.30	69.97	1.00	0.50	37.50	Absorptive Boom/Hand Bail
	03/31/00			32.28	33.73	69.95	1.45	1.00	38.50	Absorptive Boom/Hand Bail
	04/27/00			32.01	33.31	70.23	1.30	1.50	40.00	Absorptive Boom/Hand Bail
	05/31/00			32.49	34.48	69.68	1.99	3.00	43.00	Absorptive Boom/Hand Bail
	06/30/00			32.58	33.79	69.67	1.21	2.00	45.00	Absorptive Boom/Hand Bail

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-2 (cont.)	07/13/00			32.61	33.69	69.65	1.08	1.50	46.50	Absorptive Boom/Hand Bail
	08/30/00			32.27	34.03	69.92	1.76	1.50	48.00	Hand Bail
	09/21/00			32.60	34.86	69.54	2.26	3.00	51.00	Hand Bail
	10/03/00			32.80	34.12	69.44	1.32	1.50	52.50	Hand Bail
	11/29/00			32.76	34.30	69.46	1.54	2.50	55.00	Hand Bail
	12/13/00			32.70	33.58	69.58	0.88	0.50	55.50	Absorptive Boom/Hand Bail
	01/03/01			32.68	33.33	69.63	0.65	0.50	56.00	Absorptive Boom/Hand Bail
	02/06/01			32.79	33.83	69.48	1.04	0.50	56.50	Absorptive Boom/Hand Bail
	03/15/01			32.85	33.91	69.41	1.06	0.50	57.00	Absorptive Boom/Hand Bail
	04/05/01			33.00	34.10	69.26	1.10	0.50	57.50	Absorptive Boom/Hand Bail
	05/03/01			32.98	34.16	69.27	1.18	0.50	58.00	Absorptive Boom/Hand Bail
	06/02/01			32.91	34.86	69.27	1.95	0.50	58.50	Absorptive Boom/Hand Bail
	07/10/01			32.89	35.50	69.22	2.61	1.50	59.00	Absorptive Boom/Hand Bail
	10/02/01			32.69	34.52	69.50	1.83	1.50	59.50	Absorptive Boom/Hand Bail
	01/28/02			32.90	34.34	69.33	1.44	1.50	60.00	Absorptive Boom/Hand Bail
	02/25/02			32.80	34.14	69.44	1.34	1.00	60.00	Hand Bail
	03/25/02			32.29	33.99	69.91	1.70	1.50	61.00	Hand Bail
	04/10/02			31.83	33.72	70.35	1.89	0.00	60.00	Installed passive skimmer
	05/16/02			33.32	34.14	68.97	0.82	3.00	63.00	Skimmer
	06/17/02			32.80	33.70	69.48	0.90	1.50	62.50	Skimmer
	07/02/02			32.91	33.03	69.45	0.12	2.50	62.50	Skimmer
	09/10/02			32.65	34.29	69.56	1.64	0.50	63.50	Skimmer
	10/08/02			32.80	34.38	69.41	1.58	0.50	63.00	Skimmer
	11/08/02			32.20	34.25	69.97	2.05	0.50	63.00	Skimmer
	01/28/03			32.22	34.59	69.91	2.37	2.50	66.00	Skimmer
	04/02/03			32.12	33.16	70.15	1.04	5.50	71.50	Skimmer
	05/10/03			32.15	33.12	70.12	0.97	4.50	76.00	Skimmer
	06/26/03			32.16	34.06	70.02	1.90	3.00	79.00	Skimmer
	07/08/03			33.12	33.47	69.22	0.35	3.00	82.00	Skimmer

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-2 (cont.)	08/20/03			33.20	33.41	69.15	0.21	2.50	84.50	Skimmer
	09/30/03			33.19	33.65	69.13	0.46	2.50	87.00	Skimmer
	10/31/03			33.25	33.41	69.10	0.16	2.50	89.50	Skimmer
	11/12/03			34.10	34.23	68.26	0.13	0.50	90.00	Skimmer
	12/18/03			33.90	34.11	68.45	0.21	0.41	90.41	Skimmer
	01/21/04			33.54	33.88	68.80	0.34	2.50	92.91	Skimmer
	03/01/04			33.87	34.05	68.48	0.18	0.35	93.26	Skimmer
	05/06/04			31.55	31.90	70.79	0.35	0.62	93.88	Skimmer
	05/21/04			31.65	31.97	70.69	0.32	0.58	94.46	Skimmer
	06/03/04			31.49	31.91	70.84	0.42	0.85	95.31	Skimmer
	06/18/04			31.48	32.01	70.84	0.53	1.03	96.34	Skimmer
	07/12/04			31.51	32.12	70.80	0.61	2.50	98.84	Skimmer
	7/23/004			31.62	32.23	70.69	0.61	2.50	101.34	Skimmer
	09/03/04			31.57	32.00	70.76	0.43	2.50	103.84	Skimmer
	09/24/04			32.23	32.35	70.13	0.12	2.50	106.34	Skimmer
	09/30/04			31.32	31.50	71.03	0.18	15.00	121.34	Skimmer
	10/15/04			30.39	30.89	71.93	0.50	2.50	123.84	Hand Bailed
	11/09/04			30.20	30.21	72.17	0.01		123.84	Skimmer
	11/19/04			29.97	30.00	72.40	0.03		123.84	Removed skimmer and installed absorbant sock.
	12/07/04				29.02	73.35	0.00			Absorptive Boom (Changed Out)
	12/17/04				28.92	73.45	0.00			Absorptive Boom
	01/07/05				28.84	73.53	0.00			Absorptive Boom (Changed Out)
	02/21/05				28.73	73.64	0.00			Absorptive Boom
	03/29/05				28.67	73.70	0.00			
	04/22/05				28.78	73.59	0.00			Absorptive Boom (Changed Out)
	05/06/05				28.59	73.78	0.00			
	05/23/05				28.51	73.86	0.00			
	08/16/05				28.93	73.44	0.00			
	10/05/05				28.67	73.70	0.00			
	11/18/05				28.48	73.89	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-3	10/17/95	101.79	103.61		32.67	70.94	0.00	0.00		
	02/07/96				30.57	73.04	0.00	0.00		
	04/03/96				30.54	73.07	0.00	0.00		
	06/12/96							0.00		
	06/20/96							0.00		
	06/27/96							0.00		
	07/05/96							0.00		
	07/18/96				31.43	72.18	0.00	0.00		
	08/01/96							0.00		
	10/02/96				28.06	75.55	0.00	0.00		
	10/09/97				31.86	71.75	0.00	0.00		
	11/08/97	101.79	103.61					0.00		No PSH
	01/22/98				32.21	71.40	0.00	0.00		
	02/18/98				32.08	71.53	0.00	0.00		
	04/02/98				32.00	71.61	0.00	0.00		
	05/05/98				31.98	71.63	0.00	0.00		
	07/07/98				32.70	70.91	0.00	0.00		
	10/02/98				33.06	70.55	0.00	0.00		
	01/14/99			32.58	32.65	71.02	0.07	0.50	0.50	Absorptive Boom
	04/15/99			32.36	32.56	71.23	0.20	0.50	1.00	Absorptive Boom
	07/13/99			31.94	32.19	71.65	0.25	0.50	1.50	Absorptive Boom
	08/11/99			32.26	32.54	71.32	0.28	0.50	2.00	Absorptive Boom
	09/22/99			32.49	32.61	71.11	0.12	0.25	2.25	Absorptive Boom
	10/28/99			32.10	32.12	71.51	0.02	0.25	2.50	Absorptive Boom
	11/23/99				31.92	71.69	0.00	0.25	2.75	Absorptive Boom
	12/17/99				31.94	71.67	0.00	0.25	3.00	Absorptive Boom
	01/13/00				31.96	71.65	0.00	0.25	3.25	Absorptive Boom
	02/15/00				32.00	71.61	0.00	0.25	2.00	Absorptive Boom
	03/31/00				32.10	71.51	0.00		3.25	Absorptive Boom
	04/27/00				31.98	71.63	0.00	0.25	3.50	PSH droplets present during purge
	05/31/00				32.43	71.18	0.00		3.50	Absorptive Boom
	06/30/00				32.65	70.96	0.00	0.25	3.75	Absorptive Boom
	07/13/00				32.23	71.38	0.00		3.75	Absorptive Boom

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-3 (cont.)	08/30/00				32.49	71.12	0.00		3.75	Absorptive Boom
	09/21/00				32.83	70.78	0.00	0.25	4.00	Absorptive Boom
	10/03/00				32.85	70.76	0.00		4.00	Absorptive Boom
	11/29/00				32.81	70.80	0.00		4.00	Absorptive Boom
	12/13/00				32.74	70.87	0.00	0.25	4.25	Absorptive Boom
	01/03/01				32.57	71.04	0.00		4.25	Absorptive Boom
	02/06/01				32.65	70.96	0.00	0.25	4.50	Absorptive Boom
	03/15/01				32.58	71.03	0.00		4.50	Absorptive Boom
	04/05/01			32.50	32.61	71.10	0.11	0.25	4.75	Absorptive Boom
	05/03/01				32.68	70.93	0.00		4.75	Absorptive Boom
	06/02/01				32.92	70.69	0.00		4.75	Absorptive Boom
	07/10/01				33.45	70.16	0.00	0.25	5.00	Absorptive Boom
	10/02/01			33.14	33.43	70.44	0.29	0.25	5.25	Absorptive Boom
	01/28/02			32.43	32.75	71.15	0.32	0.25	5.50	Absorptive Boom
	02/25/02			32.51	32.59	71.09	0.08	0.25	5.75	Absorptive Boom
	03/25/02				32.35	71.26	0.00	0.25	6.00	Absorptive Boom
	04/10/02				32.42	71.19	0.00	0.25	6.25	Absorptive Boom
	05/16/02				31.96	71.65	0.00	0.25	6.50	Absorptive Boom
	06/17/02				31.92	71.69	0.00	0.00	6.50	Absorptive Boom
	07/02/02				31.86	71.75	0.00	0.00	6.50	Absorptive Boom
	09/10/02				31.45	72.16	0.00	0.00	6.50	Absorptive Boom
	10/08/02				31.52	72.09	0.00	0.50	7.00	Absorptive Boom
	11/08/02				31.48	72.13	0.00	0.00	7.00	Absorptive Boom
	01/28/03				31.27	72.34	0.00	0.00	7.00	Absorptive Boom
	04/02/03				31.27	72.34	0.00	0.00	7.00	Absorptive Boom
	05/10/03									
	06/26/03									
	07/08/03				31.97	71.64	0.00	0.00	7.00	Absorptive Boom
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				32.87	70.74	0.00	0.00	7.00	Absorptive Boom

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-3 (cont.)	01/21/04				32.86	70.75	0.00	0.00	7.00	Absorptive Boom (Changed Out)
	03/01/04				32.83	70.78	0.00	0.00	7.00	Absorptive Boom
	05/06/04				31.19	72.42	0.00	0.00	7.00	Absorptive Boom
	05/21/04				30.92	72.69	0.00	0.00	7.00	Absorptive Boom
	06/03/04				30.82	72.79	0.00	0.00	7.00	Absorptive Boom
	06/18/04				30.73	72.88	0.00	0.00	7.00	Absorptive Boom (Changed Out)
	07/12/04				30.66	72.95	0.00	0.00	7.00	Absorptive Boom (Changed Out)
	07/23/04				30.73	72.88	0.00	0.00	7.00	Absorptive Boom
	09/03/04				30.71	72.90	0.00	0.00	7.00	Absorptive Boom (Changed Out)
	09/24/04				30.73	72.88	0.00	0.00	7.00	Absorptive Boom
	09/30/04				30.65	72.96	0.00	0.00	7.00	Absorptive Boom (Changed Out)
	10/15/04				29.95	73.66	0.00	0.00	7.00	Absorptive Boom
	11/09/04				29.46	74.15	0.00	0.00	7.00	Absorptive Boom (Changed Out)
	11/19/04				29.42	74.19	0.00	0.00	7.00	Absorptive Boom
	12/07/04				29.15	74.46	0.00	0.00	7.00	Absorptive Boom
	12/17/04				29.01	74.60	0.00	0.00	7.00	Absorptive Boom (Changed Out)
	01/07/05				28.84	74.77	0.00	0.00		
	02/21/05				38.70	64.91	0.00	0.00		Absorptive Boom
	03/29/05				28.65	74.96	0.00	0.00		
	04/22/05				28.66	74.95	0.00	0.00		Absorptive Boom (Changed Out)
	05/06/05				28.56	75.05	0.00	0.00		
	05/23/05				28.54	75.07	0.00	0.00		
	08/16/05				28.79	74.82	0.00	0.00		
	10/05/05				28.52	75.09	0.00	0.00		
	11/18/05				28.30	75.31	0.00	0.00		

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-4	10/17/95	93.80	96.08		27.20	68.88	0.00			No PSH
	02/07/96				26.82	69.26	0.00			
	04/03/96				26.88	69.20	0.00			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				27.54	68.54	0.00			
	08/01/96									
	10/02/96				28.06	68.02	0.00			
	10/09/97				28.94	67.14	0.00			
	11/08/97	93.80	96.08		Not Gauged					
	01/22/98				28.68	67.40	0.00			
	02/18/98				Not Gauged					
	04/02/98				28.52	67.56	0.00			
	05/05/98				28.51	67.57	0.00			
	07/07/98				29.05	67.03	0.00			
	10/02/98				29.42	66.66	0.00			
	01/14/99				29.05	67.03	0.00			
	04/15/99				28.85	67.23	0.00			
	07/13/99				27.93	68.15	0.00			
	08/11/99				28.40	67.68	0.00			
	09/22/99				27.61	68.47	0.00			
	10/28/99				28.18	67.90	0.00			
	11/23/99				28.20	67.88	0.00			
	12/17/99				28.29	67.79	0.00			
	01/13/00				28.36	67.72	0.00			
	02/15/00				28.43	67.65	0.00			
	03/31/00				28.46	67.62	0.00			
	04/27/00				28.35	67.73	0.00			
	05/31/00				28.65	67.43	0.00			
	06/30/00				27.40	68.68	0.00			
	07/13/00				26.26	69.82	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-4 (cont.)	08/30/00				28.00	68.08	0.00			
	09/21/00				28.59	67.49	0.00			
	10/03/00				28.76	67.32	0.00			
	11/29/00				29.02	67.06	0.00			
	12/13/00				29.01	67.07	0.00			
	01/03/01				29.01	67.07	0.00			
	02/06/01				28.97	67.11	0.00			
	03/15/01				28.91	67.17	0.00			
	04/05/01				28.82	67.26	0.00			
	05/03/01				28.87	67.21	0.00			
	06/02/01				29.12	66.96	0.00			
	07/10/01				29.22	66.86	0.00			
	10/02/01				28.60	67.48	0.00			
	01/28/02				28.69	67.39	0.00			
	02/25/02				28.67	67.41	0.00			
	03/25/02				28.52	67.56	0.00			
	04/10/02				28.02	68.06	0.00			
	05/16/02				27.95	68.13	0.00			
	06/17/02				28.05	68.03	0.00			
	07/02/02				27.63	68.45	0.00			
	09/10/02				27.28	68.80	0.00			
	10/08/02				27.62	68.46	0.00			
	11/08/02				27.02	69.06	0.00			
	01/28/03				27.56	68.52	0.00			
	04/02/03				27.68	68.40	0.00			
	05/10/03									
	06/26/03									
	07/08/03				28.18	67.90	0.00			
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				29.23	66.85	0.00			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-4 (cont.)	01/21/04									
	03/01/04									
	05/06/04									
	05/21/04									
	06/03/04				25.35	70.73	0.00			
	06/18/04				25.68	70.40	0.00			
	07/12/04				25.07	71.01	0.00			
	07/23/04				26.02	70.06	0.00			
	09/03/04				26.10	69.98	0.00			Absorptive Boom
	09/24/04				26.57	69.51	0.00			Absorptive Boom
	09/30/04				24.61	71.47	0.00			Absorptive Boom
	10/15/04				21.60	74.48	0.00			
	11/09/04				23.30	72.78	0.00			
	11/19/04				22.79	73.29	0.00			Absorptive Boom
	12/07/04				22.25	73.83	0.00			
	12/17/04				22.78	73.30	0.00			
	01/07/05				23.45	72.63	0.00			
	02/21/05				23.43	72.65	0.00			
	03/29/05				24.17	71.91	0.00			
	04/22/05				24.39	71.69	0.00			
	05/06/05				24.28	71.80	0.00			
	05/23/05				24.26	71.82	0.00			
	08/16/05				24.78	71.30	0.00			
	10/05/05				24.03	72.05	0.00			
	11/18/05				23.87	72.21	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-5	10/17/95	107.08	109.21	33.08	33.26	76.11	0.18			
	02/07/96				31.51	77.70	0.00			
	04/03/96				31.21	78.00	0.00			
	06/12/96				31.30	77.91	0.00			
	06/20/96				31.43	77.78	0.00			
	06/27/96				31.62	77.59	0.00			
	07/05/96				31.76	77.45	0.00			
	07/18/96				31.94	77.27	0.00			
	08/01/96				32.12	77.09	0.00			
	10/02/96				32.64	76.57	0.00			
	10/09/97				32.45	76.76	0.00			
	11/08/97	107.08	109.21						8.70	
	01/22/98			32.68	32.81	76.52	0.13	1.00	9.70	Absorptive Boom
	02/18/98				32.50	76.71	0.00	0.30	10.00	Sheen, Absorptive Boom
	04/02/98				32.24	76.97	0.00	0.10	10.10	Absorptive Boom
	05/05/98				32.19	77.02	0.00	0.10	10.20	Absorptive Boom
	07/07/98				33.10	76.11	0.00	0.25	10.45	Absorptive Boom
	10/02/98				33.57	75.64	0.00	0.25	10.70	Absorptive Boom
	01/14/99				32.85	76.36	0.00	0.25	10.95	Absorptive Boom
	04/15/99				32.59	76.62	0.00	0.25	11.20	Absorptive Boom
	07/13/99				32.26	76.95	0.00		11.20	Absorptive Boom
	08/11/99				32.71	76.50	0.00	0.25	11.45	Absorptive Boom
	09/22/99				32.74	76.47	0.00		11.45	Absorptive Boom
	10/28/99				32.41	76.80	0.00	0.25	11.70	Absorptive Boom
	11/23/99				32.40	76.81	0.00		11.70	Absorptive Boom
	12/17/99				32.39	76.82	0.00	0.25	11.95	Absorptive Boom
	01/13/00				32.42	76.79	0.00		11.95	Absorptive Boom
	02/15/00				32.38	76.83	0.00	0.25	10.20	Absorptive Boom
	03/31/00				32.37	76.84	0.00		11.95	Absorptive Boom
	04/27/00				32.27	76.94	0.00		11.95	PSH droplets present during purge
	05/31/00				32.80	76.41	0.00	0.25	12.20	Absorptive Boom
	06/30/00				32.96	76.25	0.00		12.20	Absorptive Boom
	07/13/00				32.57	76.64	0.00		12.20	Absorptive Boom

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-5 (cont.)	08/30/00				33.04	76.17	0.00	0.25	12.45	Absorptive Boom
	09/21/00				33.40	75.81	0.00		12.45	Absorptive Boom
	10/03/00				33.50	75.71	0.00		12.45	Absorptive Boom
	11/29/00				33.15	76.06	0.00		12.45	Absorptive Boom
	12/13/00				33.06	76.15	0.00		12.45	Absorptive Boom
	01/03/01				32.93	76.28	0.00		12.45	Absorptive Boom
	02/06/01				32.80	76.41	0.00		12.45	Absorptive Boom
	03/15/01				32.65	76.56	0.00		12.45	Absorptive Boom
	04/05/01				32.53	76.68	0.00		12.45	Absorptive Boom
	05/03/01				32.60	76.61	0.00		12.45	Absorptive Boom
	06/02/01				32.86	76.35	0.00		12.45	Absorptive Boom
	07/10/01				33.20	76.01	0.00		12.45	Absorptive Boom
	10/02/01				33.20	76.01	0.00		12.45	Absorptive Boom
	01/28/02				32.95	76.26	0.00		12.45	Absorptive Boom
	02/25/02				32.39	76.82	0.00		12.45	Absorptive Boom
	03/25/02				32.38	76.83	0.00		12.45	Absorptive Boom
	04/10/02				32.27	76.94	0.00		12.45	Absorptive Boom
	05/16/02				32.00	77.21	0.00		12.45	Absorptive Boom
	06/17/02				32.09	77.12	0.00		12.45	Absorptive Boom
	07/02/02				32.02	77.19	0.00		12.45	Absorptive Boom
	09/10/02				31.91	77.30	0.00		12.45	Absorptive Boom
	10/08/02				32.11	77.10	0.00		12.45	Absorptive Boom
	11/08/02				32.00	77.21	0.00		12.45	Absorptive Boom
	01/28/03				31.75	77.46	0.00		12.45	Absorptive Boom
	04/02/03				31.57	77.64	0.00		12.45	Absorptive Boom
	05/10/03									
	06/26/03									
	07/08/03				32.23	76.98	0.00		12.45	Absorptive Boom
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				33.11	76.10	0.00		12.45	Absorptive Boom

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-5 (cont.)	01/21/04								12.45	
	03/01/04								12.45	
	05/06/04								12.45	
	05/21/04								12.45	
	06/03/04				31.56	77.65	0.00		12.45	Absorptive Boom
	06/18/04				31.53	77.68	0.00		12.45	Absorptive Boom
	07/12/04				31.51	77.70	0.00		12.45	Absorptive Boom
	07/23/04				31.44	77.77	0.00		12.45	Absorptive Boom
	09/03/04				31.44	77.77	0.00		12.45	
	09/24/04				31.48	77.73	0.00		12.45	
	09/30/04				31.33	77.88	0.00		12.45	Absorptive Boom
	10/15/04				30.58	78.63	0.00		12.45	Absorptive Boom (changed out)
	11/09/04				30.35	78.86	0.00		12.45	Absorptive Boom
	11/19/04				30.30	78.91	0.00		12.45	Absorptive Boom
	12/07/04				30.00	79.21	0.00		12.45	Absorptive Boom
	12/17/04				29.95	79.26	0.00		12.45	Absorptive Boom
	01/07/05				29.71	79.50	0.00		12.45	Absorptive Boom
	02/21/05				29.43	79.78	0.00		12.45	Absorptive Boom
	03/29/05				29.24	79.97	0.00		12.45	Absorptive Boom
	04/22/05				29.25	79.96	0.00		12.45	
	05/06/05				29.08	80.13	0.00			
	05/23/05				29.05	80.16	0.00			
	08/16/05				29.22	79.99	0.00			
	10/05/05				29.82	79.39	0.00			
	11/18/05				28.58	80.63	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-6	10/17/95	103.66	106.26		32.07	74.19	0.00			No PSH
	02/07/96			29.87	31.15	76.26	1.28			
	04/03/96			29.78	31.15	76.34	1.37			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				30.51	75.75	0.00			
	08/01/96									
	10/02/96				31.80	74.46	0.00			
	10/09/97				31.15	75.11	0.00			
	11/08/97	103.66	106.26							
	01/22/98				31.28	74.98	0.00			
	02/18/98				31.11	75.15	0.00			
	04/02/98				31.00	75.26	0.00			
	05/05/98				30.95	75.31	0.00			
	07/07/98				31.65	74.61	0.00			
	10/02/98				32.00	74.26	0.00			
	01/14/99				31.52	74.74	0.00			
	04/15/99				31.30	74.96	0.00			
	07/13/99				30.53	75.73	0.00			
	08/11/99				31.05	75.21	0.00			
	09/22/99				30.21	76.05	0.00			
	10/28/99				30.63	75.63	0.00			
	11/23/99				30.84	75.42	0.00			
	12/17/99				30.92	75.34	0.00			
	01/13/00				30.99	75.27	0.00			
	02/15/00				31.01	75.25	0.00			
	03/31/00				31.06	75.20	0.00			
	04/27/00				31.01	75.25	0.00			
	05/31/00				32.13	74.13	0.00			
	06/30/00				31.24	75.02	0.00			
	07/13/00				30.37	75.89	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-6 (cont.)	08/30/00				31.18	75.08	0.00			
	09/21/00				31.68	74.58	0.00			
	10/03/00				31.85	74.41	0.00			
	11/29/00				31.68	74.58	0.00			
	12/13/00				31.62	74.64	0.00			
	01/03/01				31.58	74.68	0.00			
	02/06/01				31.52	74.74	0.00			
	03/15/01				31.45	74.81	0.00			
	04/05/01				31.30	74.96	0.00			
	05/03/01				31.38	74.88	0.00			
	06/02/01				31.63	74.63	0.00			
	07/10/01				31.94	74.32	0.00			
	10/02/01				31.41	74.85	0.00			
	01/28/02				31.22	75.04	0.00			
	02/25/02				31.84	74.42	0.00			
	03/25/02				31.13	75.13	0.00			
	04/10/02				30.79	75.47	0.00			
	05/16/02				30.66	75.60	0.00			
	06/17/02				30.57	75.69	0.00			
	07/02/02				30.70	75.56	0.00			
	09/10/02				30.12	76.14	0.00			
	10/08/02				30.36	75.90	0.00			
	11/08/02				30.16	76.10	0.00			
	01/28/03				30.25	76.01	0.00			
	04/02/03				30.17	76.09	0.00			
	05/10/03									
	06/26/03									
	07/08/03				30.69	75.57	0.00			
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				31.70	74.56	0.00			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-6 (cont.)	01/21/04									
	03/01/04									
	05/06/04									
	05/21/04									
	06/03/04				29.91	76.35	0.00			
	06/18/04				29.94	76.32	0.00			
	07/12/04				29.68	76.58	0.00			
	07/23/04				29.74	76.52	0.00			
	09/03/04				29.78	76.48	0.00			
	09/24/04				30.00	76.26	0.00			
	09/30/04				29.39	76.87	0.00			
	10/15/04				29.55	76.71	0.00			
	11/09/04				28.51	77.75	0.00			
	11/19/04				28.44	77.82	0.00			
	12/07/04				27.75	78.51	0.00			
	12/17/04				28.00	78.26	0.00			
	01/07/05				28.12	78.14	0.00			
	02/21/05				28.14	78.12	0.00			
	03/29/05				28.06	78.20	0.00			
	04/22/05				28.14	78.12	0.00			
	05/06/05				27.97	78.29	0.00			
	05/23/05				27.97	78.29	0.00			
	08/16/05				28.10	78.16	0.00			
	10/05/05				27.44	78.82	0.00			
	11/18/05				27.25	79.01	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-7	10/17/95	104.34	106.27		32.20	74.07	0.00			No PSH
	02/07/96				30.50	75.77	0.00			
	04/03/96				30.40	75.87	0.00			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				31.24	75.03	0.00			
	08/01/96									
	10/02/96				31.80	74.47	0.00			
	10/09/97				31.40	74.87	0.00			
	11/08/97	104.34	106.27							
	01/22/98				31.97	74.30	0.00			
	02/18/98				31.78	74.49	0.00			
	04/02/98				31.66	74.61	0.00			
	05/05/98				31.61	74.66	0.00			
	07/07/98				32.40	73.87	0.00			
	10/02/98				32.75	73.52	0.00			
	01/14/99				32.21	74.06	0.00			
	04/15/99				32.00	74.27	0.00			
	07/13/99				31.50	74.77	0.00			
	08/11/99				31.95	74.32	0.00			
	09/22/99				31.85	74.42	0.00			
	10/28/99				31.55	74.72	0.00			
	11/23/99				31.62	74.65	0.00			
	12/17/99				31.67	74.60	0.00			
	01/13/00				31.69	74.58	0.00			
	02/15/00				31.70	74.57	0.00			
	03/31/00				31.74	74.53	0.00			
	04/27/00				31.69	74.58	0.00			
	05/31/00				32.13	74.14	0.00			
	06/30/00				32.25	74.02	0.00			
	07/13/00				31.69	74.58	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-7 (cont.)	08/30/00				32.12	74.15	0.00			
	09/21/00				32.55	73.72	0.00			
	10/03/00				32.69	73.58	0.00			
	11/29/00				32.47	73.80	0.00			
	12/13/00				32.35	73.92	0.00			
	01/03/01				32.30	73.97	0.00			
	02/06/01				32.21	74.06	0.00			
	03/15/01				32.11	74.16	0.00			
	04/05/01				32.00	74.27	0.00			
	05/03/01				32.08	74.19	0.00			
	06/02/01				32.32	73.95	0.00			
	07/10/01				32.72	73.55	0.00			
	10/02/01				32.53	73.74	0.00			
	01/28/02				31.92	74.35	0.00			
	02/25/02				31.16	75.11	0.00			
	03/25/02				31.82	74.45	0.00			
	04/10/02				31.66	74.61	0.00			
	05/16/02				31.44	74.83	0.00			
	06/17/02				31.45	74.82	0.00			
	07/02/02				31.40	74.87	0.00			
	09/10/02				31.04	75.23	0.00			
	10/08/02				31.22	75.05	0.00			
	11/08/02				31.16	75.11	0.00			
	01/28/03				30.99	75.28	0.00			
	04/02/03				30.88	75.39	0.00			
	05/10/03									
	06/26/03									
	07/08/03				31.48	74.79	0.00			
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				32.43	73.84	0.00			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-7 (cont.)	01/21/04									
	03/01/04									
	05/06/04									
	05/21/04									
	06/03/04				30.70	75.57	0.00			
	06/18/04				30.70	75.57	0.00			
	07/12/04				30.62	75.65	0.00			
	07/23/04				30.62	75.65	0.00			
	09/03/04				30.66	75.61	0.00			
	09/24/04				30.78	75.49	0.00			
	09/30/04				30.65	75.62	0.00			
	10/15/04				29.35	76.92	0.00			
	11/09/04				29.42	76.85	0.00			
	11/19/04				29.36	76.91	0.00			
	12/07/04				28.98	77.29	0.00			
	12/17/04				28.98	77.29	0.00			
	01/07/05				28.94	77.33	0.00			
	02/21/05				28.83	77.44	0.00			
	03/29/05				28.71	77.56	0.00			
	04/22/05				28.78	77.49	0.00			
	05/06/05				28.57	77.70	0.00			
	05/23/05				28.54	77.73	0.00			
	08/16/05				28.77	77.50	0.00			
	10/05/05				28.27	78.00	0.00			
	11/18/05				28.04	78.23	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-8	10/17/95	105.52	107.44	31.62	33.22	75.66	1.60			
	02/07/96									
	04/03/96				30.37	77.07	0.00			
	06/12/96			30.29	30.35	77.14	0.06			
	06/20/96				30.63	76.81	0.00			
	06/27/96				30.77	76.67	0.00			
	07/05/96				31.70	75.74	0.00			
	07/18/96				30.85	76.59	0.00			
	08/01/96				31.13	76.31	0.00			
	10/02/96				31.40	76.04	0.00			
	10/09/97				32.34	75.10	0.00			
	11/08/97	105.52	107.44		32.16	75.28	0.00		34.67	Absorptive Boom
	01/22/98				31.56	75.88	0.00	1.00	35.67	Absorptive Boom
	02/18/98				32.68	74.76	0.00	0.10	35.77	Absorptive Boom
	04/02/98		108.23		32.54	75.69	0.00	0.10	35.87	Absorptive Boom, Connected to SVE
	05/05/98				32.49	75.74	0.00	0.10	35.97	Absorptive Boom
	07/07/98				33.37	74.86	0.00	0.10	36.07	Absorptive Boom
	10/02/98				32.75	75.48	0.00	0.10	36.17	Absorptive Boom
	01/14/99				32.21	76.02	0.00		36.17	Absorptive Boom
	04/15/99				32.00	76.23	0.00		36.17	SVE System Activated
	07/13/99				31.50	76.73	0.00		36.17	SVE System
	08/11/99				31.95	76.28	0.00		36.17	SVE System
	09/22/99				31.85	76.38	0.00		36.17	SVE System
	10/28/99				31.55	76.68	0.00		36.17	SVE System
	11/23/99				31.62	76.61	0.00		36.17	SVE System
	12/17/99				31.65	76.58	0.00		36.17	SVE System
	01/13/00				32.57	75.66	0.00		36.17	SVE System
	02/15/00				31.51	76.72	0.00		36.17	SVE System
	03/31/00				32.60	75.63	0.00		36.17	SVE System
	04/27/00				32.52	75.71	0.00		36.17	PSH droplets present during purge
	05/31/00				33.02	75.21	0.00		36.17	SVE System down will repair on June2
	06/30/00				33.10	75.13	0.00		36.17	SVE System down will repair
	07/13/00				32.58	75.65	0.00		36.17	SVE System repaired July 13

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-8 (cont.)	08/30/00				33.10	75.13	0.00		36.17	SVE System
	09/21/00				33.50	74.73	0.00		36.17	SVE System
	10/03/00				33.63	74.60	0.00		36.17	SVE System
	11/29/00				33.07	75.16	0.00		36.17	SVE System
	12/13/00				33.22	75.01	0.00		36.17	SVE System
	01/03/01				33.18	75.05	0.00		36.17	SVE System
	02/06/01				33.05	75.18	0.00		36.17	SVE System
	03/15/01				32.91	75.32	0.00		36.17	SVE System
	04/05/01				32.80	75.43	0.00		36.17	SVE System
	05/03/01				32.87	75.36	0.00		36.17	SVE System
	06/02/01				33.12	75.11	0.00		36.17	SVE System
	07/10/01				33.92	74.31	0.00		36.17	SVE System
	10/02/01				33.92	74.31	0.00		36.17	SVE System
	01/28/02				32.73	75.50	0.00		36.17	SVE System
	02/25/02				32.65	75.58	0.00		36.17	SVE System
	03/25/02				32.65	75.58	0.00		36.17	SVE System
	04/10/02				32.43	75.80	0.00		36.17	SVE System
	05/16/02				32.25	75.98	0.00		36.17	SVE System
	06/17/02				32.31	75.92	0.00		36.17	SVE System
	07/02/02				32.26	75.97	0.00		36.17	SVE System
	09/10/02				32.27	75.96	0.00		36.17	SVE System
	10/08/02				32.20	76.03	0.00		36.17	SVE System
	11/08/02				32.07	76.16	0.00		36.17	SVE System
	01/28/03				32.00	76.23	0.00		36.17	SVE System
	04/02/03				31.75	76.48	0.00		36.17	SVE System
	05/10/03									
	06/26/03									
	07/08/03				32.45	75.78	0.00		36.17	SVE System
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				33.36	74.87	0.00		36.17	SVE System

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-8 (cont.)	01/21/04									
	03/01/04									
	05/06/04									
	05/21/04									
	06/03/04				31.68	76.55	0.00			
	06/18/04				31.66	76.57	0.00			
	07/12/04				31.56	76.67	0.00			
	07/23/04				31.55	76.68	0.00			
	09/03/04				31.62	76.61	0.00			
	09/24/04				31.84	76.39	0.00			
	09/30/04				31.57	76.66	0.00			
	10/15/04				30.54	77.69	0.00			
	11/09/04				30.60	77.63	0.00			
	11/19/04				30.37	77.86	0.00			
	12/07/04				30.06	78.17	0.00			
	12/17/04				30.01	78.22	0.00			
	01/07/05				29.95	77.49	0.00			
	02/21/05				29.71	77.73	0.00			
	03/29/05				29.56	77.88	0.00			
	04/22/05				29.66	77.78	0.00			
	05/06/05				29.42	78.02	0.00			
	05/23/05				29.40	78.04	0.00			
	08/16/05				29.62	77.82	0.00			
	10/05/05				29.16	78.28	0.00			
	11/18/05				28.29	79.15	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-9	10/17/95	93.76	97.21		31.14	66.07	0.00			No PSH
	02/07/96				28.76	68.45	0.00			
	04/03/96				28.82	68.39	0.00			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				29.65	67.56	0.00			
	08/01/96									
	10/02/96				30.16	67.05	0.00			
	10/09/97				30.19	67.02	0.00			
	11/08/97	93.76	97.21							
	01/22/98				30.78	66.43	0.00			
	02/18/98									
	04/02/98				30.59	66.62	0.00			
	05/05/98				30.57	66.64	0.00			
	07/07/98				31.33	65.88	0.00			
	10/02/98				31.70	65.51	0.00			
	01/14/99				31.28	65.93	0.00			
	04/15/99				30.93	66.28	0.00			
	07/13/99				30.38	66.83	0.00			
	08/11/99				30.89	66.32	0.00			
	09/22/99				30.06	67.15	0.00			
	10/28/99				30.42	66.79	0.00			
	11/23/99				30.58	66.63	0.00			
	12/17/99				30.62	66.59	0.00			
	01/13/00				30.64	66.57	0.00			
	02/15/00				30.69	66.43	0.00			
	03/31/00				30.75	66.46	0.00			
	04/27/00				30.66	66.55	0.00			
	05/31/00				31.06	66.15	0.00			
	06/30/00				27.43	69.78	0.00			
	07/13/00				27.33	69.88	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-9 (cont.)	08/30/00									Well damaged by EPI, not able to access Well damaged by EPI, not able to access Well damaged by EPI, not able to access Well damaged by EPI, not able to access Well damaged by EPI, not able to access Well damaged by EPI, not able to access Well damaged by EPI, not able to access Well damaged by EPI, not able to access Well replaced by EPI.
	09/21/00									
	10/03/00									
	11/29/00									
	12/13/00									
	01/03/01									
	02/06/01									
	03/15/01									
	04/05/01		96.16		30.29	65.87	0.00			
	05/03/01				30.37	65.79	0.00			
	06/02/01				30.61	65.55	0.00			
	07/10/01				30.86	65.30	0.00			
	10/02/01				30.29	65.87	0.00			
	01/28/02				30.21	65.95	0.00			
	02/25/02				30.20	65.96	0.00			
	03/25/02				30.10	66.06	0.00			
	04/10/02				29.70	66.46	0.00			
	05/16/02				29.51	66.65	0.00			
	06/17/02				29.65	66.51	0.00			
	07/02/02				29.36	66.80	0.00			
	09/10/02				28.83	67.33	0.00			
	10/08/02				29.13	67.03	0.00			
	11/08/02				28.65	67.51	0.00			
	01/28/03				28.96	67.20	0.00			
	04/02/03				29.07	67.09	0.00			
	05/10/03									
	06/26/03									
	07/08/03				29.63	66.53	0.00			
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				30.71	65.45	0.00			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-9 (cont.)	01/21/04									
	03/01/04									
	05/06/04				27.31	68.85	0.00			
	05/21/04				27.32	68.84	0.00			
	06/03/04				27.52	68.64	0.00			
	06/18/04				27.62	68.54	0.00			
	07/12/04				27.58	68.58	0.00			
	07/23/04				27.73	68.43	0.00			
	09/03/04				27.76	68.40	0.00			
	09/24/04				28.10	68.06	0.00			
	09/30/04				27.86	68.30	0.00			
	10/15/04				25.19	70.97	0.00			
	11/09/04				25.52	70.64	0.00			
	11/19/04				25.54	70.62	0.00			
	12/08/04				25.16	71.00	0.00			
	12/17/04				25.27	70.89	0.00			
	01/07/05				25.44	70.72	0.00			
	02/21/05				25.76	70.40	0.00			
	03/29/05				25.78	70.38	0.00			
	04/22/05				25.98	70.18	0.00			
	05/06/05				25.88	70.28	0.00			
	05/23/05				25.83	70.33	0.00			
	08/16/05				26.35	69.81	0.00			
	10/05/05				25.78	70.38	0.00			
	11/18/05				25.61	70.55	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-10	10/17/95	99.63	102.51		35.41	67.10	0.00			No PSH
	02/07/96				34.41	68.10	0.00			
	04/03/96				34.43	68.08	0.00			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				35.22	67.29	0.00			
	08/01/96									
	10/02/96				34.79	67.72	0.00			
	10/09/97				34.72	67.79	0.00			
	11/08/97	99.63	102.51							
	01/22/98				36.46	66.05	0.00			
	02/18/98									
	04/02/98				36.25	66.26	0.00			
	05/05/98				36.27	66.24	0.00			
	07/07/98				35.89	66.62	0.00			
	10/02/98				37.40	65.11	0.00			
	01/14/99				37.04	65.47	0.00			
	04/15/99				36.76	65.75	0.00			
	07/13/99				36.28	66.23	0.00			
	08/11/99				36.70	65.81	0.00			
	09/22/99				36.86	65.65	0.00			
	10/28/99				36.35	66.16	0.00			
	11/23/99				36.39	66.12	0.00			
	12/17/99				36.42	66.09	0.00			
	01/13/00				36.42	66.09	0.00			
	02/15/00				36.44	66.07	0.00			PSH droplets present during purge
	03/31/00				36.47	66.04	0.00			
	04/27/00				36.42	66.09	0.00			
	05/31/00				36.90	65.61	0.00			
	06/30/00				36.51	66.00	0.00			
	07/13/00				35.40	67.11	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-10 (cont.)	08/30/00				36.34	66.17	0.00			
	09/21/00				36.81	65.70	0.00			
	10/03/00				36.96	65.55	0.00			
	11/29/00				37.15	65.36	0.00			
	12/13/00				37.04	65.47	0.00			
	01/03/01				37.08	65.43	0.00			
	02/06/01				36.98	65.53	0.00			
	03/15/01				36.90	65.61	0.00			
	04/05/01				36.83	65.68	0.00			
	05/03/01				36.90	65.61	0.00			
	06/02/01				37.14	65.37	0.00			
	07/10/01				37.44	65.07	0.00			
	10/02/01				37.05	65.46	0.00			
	01/28/02				36.82	65.69	0.00			
	02/25/02				36.37	66.14	0.00			
	03/25/02				36.63	65.88	0.00			
	04/10/02				36.30	66.21	0.00			
	05/16/02				36.16	66.35	0.00			
	06/17/02				36.26	66.25	0.00			
	07/02/02				36.02	66.49	0.00			
	09/10/02				35.47	67.04	0.00			
	10/08/02				35.72	66.79	0.00			
	11/08/02				35.29	67.22	0.00			
	01/28/03				35.58	66.93	0.00			
	04/02/03				35.63	66.88	0.00			
	05/10/03									
	06/26/03									
	07/08/03				36.20	66.31	0.00			
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				37.29	65.22	0.00			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-10 (cont.)	01/21/04									
	03/01/04									
	05/06/04									
	05/21/04				34.35	68.16	0.00			
	06/03/04				34.40	68.11	0.00			
	06/18/04				34.43	68.08	0.00			
	07/12/04				34.38	68.13	0.00			
	07/23/04				34.42	68.09	0.00			
	09/03/04				34.65	67.86	0.00			
	09/24/04				34.75	67.76	0.00			
	09/30/04				33.62	68.89	0.00			
	10/15/04				32.40	70.11	0.00			
	11/09/04				32.71	69.80	0.00			
	11/19/04				32.51	70.00	0.00			
	12/07/04				32.26	70.25	0.00			
	12/17/04				32.32	70.19	0.00			
	01/07/05				32.26	70.25	0.00			
	02/21/05				32.39	70.12	0.00			
	03/29/05				34.40	68.11	0.00			
	04/22/05				33.52	68.99	0.00			
	05/06/05				32.40	70.11	0.00			
	05/23/05				32.38	70.13	0.00			
	08/16/05				32.76	69.75	0.00			
	10/05/05				32.28	70.23	0.00			
	11/18/05				32.12	70.39	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-11	10/17/95	104.48	105.62	32.33	32.48	73.28	0.15			
	02/07/96			31.66	32.31	73.90	0.65			
	04/03/96			31.40	32.13	74.15	0.73			
	06/12/96			31.76	32.07	73.83	0.31			
	06/20/96			31.91	31.96	73.71	0.05			
	06/27/96				31.78	73.84	0.00			
	07/05/96				32.12	73.50	0.00			
	07/18/96				32.12	73.50	0.00			
	08/01/96				32.37	73.25	0.00			
	10/02/96			32.47	33.14	73.08	0.67			
	10/09/97	104.48	105.62		32.47	73.15	0.00			
	11/08/97				32.47	73.15	0.00		17.49	Absorptive Boom
	01/22/98				32.18	73.44	0.00		17.49	Absorptive Boom
	02/18/98			32.79	32.99	72.81	0.20	1.00	18.49	Absorptive Boom
	04/02/98			32.71	33.48	72.83	0.77	2.00	20.49	Absorptive Boom/Hand Bail
	05/05/98			32.56	33.71	72.95	1.15	2.50	22.99	Absorptive Boom/Hand Bail
	07/07/98			33.20	34.92	72.25	1.72	3.00	25.99	Absorptive Boom/Hand Bail
	10/02/98			33.00	33.75	72.55	0.75	1.50	27.49	Absorptive Boom/Hand Bail
	01/14/99			33.40	33.69	72.19	0.29		27.49	
	04/15/99			32.85	33.53	72.70	0.68		27.49	
	07/13/99			32.43	34.20	73.01	1.77	3.00	30.49	Hand Bail
	08/11/99			32.73	34.89	72.67	2.16	3.50	33.99	Hand Bail
	09/22/99			32.85	33.77	72.68	0.92	0.50	34.49	Absorptive Boom/Hand Bail
	10/28/99			32.78	33.27	72.79	0.49	0.25	34.74	Absorptive Boom/Hand Bail
	11/23/99			32.60	33.53	72.93	0.93	1.00	35.74	Absorptive Boom/Hand Bail
	12/17/99			32.70	33.26	72.86	0.56	1.00	36.74	Absorptive Boom/Hand Bail
	01/13/00			32.70	33.26	72.86	0.56	0.25	36.99	Absorptive Boom/Hand Bail
	02/15/00			32.73	33.55	72.81	0.82	0.50	37.49	Absorptive Boom/Hand Bail
	03/31/00			32.84	33.73	72.69	0.89	0.50	37.99	Absorptive Boom/Hand Bail
	04/27/00			32.52	33.35	73.02	0.83	0.50	38.49	Absorptive Boom/Hand Bail
	05/31/00			33.12	34.33	72.38	1.21	1.00	39.49	Absorptive Boom/Hand Bail
	06/30/00			33.51	33.81	72.08	0.30	0.25	39.74	Absorptive Boom/Hand Bail
	07/13/00				33.24	72.38	0.00	0.25	39.99	Absorptive Boom

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-11 (cont.)	08/30/00				33.43	72.19	0.00	0.25	40.24	Absorptive Boom
	09/21/00				33.75	71.87	0.00	0.25	40.49	Absorptive Boom
	10/03/00				33.73	71.89	0.00	0.00	40.49	Absorptive Boom
	11/29/00				33.55	72.07	0.00	0.25	40.74	Absorptive Boom
	12/13/00				33.30	72.32	0.00	0.00	40.74	Absorptive Boom
	01/03/01				33.28	72.34	0.00	0.00	40.74	Absorptive Boom
	02/06/01				33.26	72.36	0.00	0.25	40.99	Absorptive Boom
	03/15/01				33.20	72.42	0.00	0.25	41.24	Absorptive Boom
	04/05/01				33.10	72.52	0.00	0.25	41.49	Absorptive Boom
	05/03/01				33.17	72.45	0.00	0.25	41.74	Absorptive Boom
	06/02/01				33.40	72.22	0.00	0.25	41.99	Absorptive Boom
	07/10/01			33.94	34.08	71.67	0.14	0.25	41.99	Absorptive Boom
	10/02/01			33.93	33.94	71.69	0.01	0.25	42.24	Absorptive Boom
	01/28/02			33.10	33.13	72.52	0.03	0.25	42.24	Absorptive Boom
	02/25/02				32.97	72.65	0.00	0.25	42.49	Absorptive Boom
	03/25/02				32.94	72.68	0.00	0.25	42.49	Absorptive Boom
	04/10/02				32.83	72.79	0.00	0.25	42.74	Absorptive Boom
	05/16/02			32.69	32.75	72.92	0.06	0.25	42.74	Absorptive Boom
	06/17/02			32.71	32.95	72.89	0.24	0.25	42.99	Absorptive Boom
	07/02/02			32.61	32.72	73.00	0.11	0.25	42.99	Absorptive Boom
	09/10/02			33.12	33.22	72.49	0.10	0.00	42.99	Absorptive Boom
	10/08/02			33.09	33.38	72.50	0.29	0.50	43.49	Skimmer
	11/08/02			33.45	33.61	72.15	0.16	0.50	43.49	
	01/28/03			32.67	32.76	72.94	0.09	0.50	43.99	
	04/02/03				32.13	73.49	0.00	0.00	43.99	
	05/10/03				32.21	73.41	0.00	0.50	44.49	Absorptive Boom
	06/26/03				32.41	73.21	0.00	0.50	44.99	Absorptive Boom
	07/08/03				32.75	72.87	0.00	0.25	45.24	Absorptive Boom
	08/20/03				32.77	72.85	0.00	0.25	45.49	Absorptive Boom
	09/30/03									
	10/31/03				32.88	72.74	0.00	0.25	45.74	Absorptive Boom
	11/12/03									
	12/17/03				33.98	71.64	0.00	0.25	45.99	Absorptive Boom

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-11 (cont.)	01/21/04				34.02	71.60	0.00	0.00	45.99	Absorptive Boom (Changed Out)
	03/01/04				33.45	72.17	0.00	0.00	45.99	Absorptive Boom
	05/06/04				31.88	73.74	0.00	0.00	45.99	Absorptive Boom
	05/21/04				31.88	73.74	0.00	0.00	45.99	Absorptive Boom
	06/03/04				31.70	73.92	0.00	0.00	45.99	Absorptive Boom
	06/18/04				31.54	74.08	0.00	0.00	45.99	Absorptive Boom
	07/12/04				31.48	74.14	0.00	0.00	45.99	Absorptive Boom (Changed Out)
	07/23/04				31.57	74.05	0.00	0.00	45.99	Absorptive Boom
	09/03/04				31.56	74.06	0.00	0.00	45.99	Absorptive Boom (Changed Out)
	09/24/04				31.60	74.02	0.00	0.00	45.99	Absorptive Boom
	09/30/04				31.46	74.16	0.00	0.00	45.99	Absorptive Boom (Changed Out)
	10/15/04				30.80	74.82	0.00	0.00	45.99	Absorptive Boom
	11/09/04				30.40	75.22	0.00	0.00	45.99	Absorptive Boom (Changed Out)
	11/19/04				30.33	75.29	0.00	0.00	45.99	Absorptive Boom
	12/07/04				30.07	75.55	0.00	0.00	45.99	
	12/17/04				29.94	75.68	0.00	0.00	45.99	Absorptive Boom (Changed Out)
	01/07/05				29.74	75.88	0.00	0.00		Absorptive Boom
	02/21/05				29.55	76.07	0.00	0.00		Absorptive Boom
	03/29/05				29.43	76.19	0.00	0.00		
	04/22/05				29.47	76.15	0.00	0.00		Absorptive Boom (Changed Out)
	05/06/05				29.25	76.37	0.00	0.00		
	05/23/05				29.37	76.25	0.00	0.00		
	08/16/05				29.62	76.00	0.00	0.00		
	10/05/05				29.38	76.24	0.00	0.00		
	11/18/05				29.20	76.42	0.00	0.00		

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-12	10/17/95	Not Surveyed	103.90		32.41	71.49	0.00			No PSH
	02/07/96				31.00	72.90	0.00			
	04/03/96				30.91	72.99	0.00			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				31.70	72.20	0.00			
	08/01/96									
	10/02/96				32.20	71.70	0.00			
	10/09/97				32.29	71.61	0.00			
	11/08/97	Not Surveyed	103.90							
	01/22/98				32.62	71.28	0.00			
	02/18/98				32.48	71.42	0.00			
	04/02/98				32.25	71.65	0.00			
	05/05/98				32.42	71.48	0.00			
	07/07/98				33.33	70.57	0.00			
	10/02/98				33.34	70.56	0.00			
	01/14/99				32.68	71.22	0.00			
	04/15/99				32.42	71.48	0.00			
	07/13/99				32.29	71.61	0.00			
	08/11/99				32.62	71.28	0.00			
	09/22/99				32.50	71.40	0.00			
	10/28/99				32.06	71.84	0.00			
	11/23/99				32.04	71.86	0.00			
	12/17/99				30.05	73.85	0.00			
	01/13/00				32.03	71.87	0.00			
	02/15/00				32.05	71.85	0.00			
	03/31/00				32.06	71.84	0.00			
	04/27/00				32.02	71.88	0.00			
	05/31/00				32.66	71.24	0.00			
	06/30/00				32.66	71.24	0.00			
	07/13/00				32.16	71.74	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-12 (cont.)	08/30/00				32.48	71.42	0.00			
	09/21/00				32.85	71.05	0.00			
	10/03/00				32.95	70.95	0.00			
	11/29/00				32.74	71.16	0.00			
	12/13/00				32.63	71.27	0.00			
	01/03/01				32.56	71.34	0.00			
	02/06/01				32.48	71.42	0.00			
	03/15/01				32.38	71.52	0.00			
	04/05/01				32.27	71.63	0.00			
	05/03/01				32.33	71.57	0.00			
	06/02/01				32.55	71.35	0.00			
	07/10/01				33.11	70.79	0.00			
	10/02/01				32.99	70.91	0.00			
	01/28/02				32.24	71.66	0.00			
	02/25/02				32.17	71.73	0.00			
	03/25/02				32.14	71.76	0.00			
	04/10/02				32.01	71.89	0.00			
	05/16/02				32.09	71.81	0.00			
	06/17/02				32.01	71.89	0.00			
	07/02/02				31.94	71.96	0.00			
	09/10/02				31.48	72.42	0.00			
	10/08/02				31.60	72.30	0.00			
	11/08/02				31.52	72.38	0.00			
	01/28/03				31.27	72.63	0.00			
	04/02/03				31.25	72.65	0.00			
	05/10/03									
	06/26/03									
	07/08/03				31.97	71.93	0.00			
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				32.81	71.09	0.00			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-12 (cont.)	01/21/04									
	03/01/04									
	05/06/04				30.94	72.96	0.00			
	05/21/04				30.95	72.95	0.00			
	06/03/04				30.84	73.06	0.00			
	06/18/04				30.81	73.09	0.00			
	07/12/04				30.71	73.19	0.00			
	07/23/04				30.71	73.19	0.00			
	09/03/04				30.68	73.22	0.00			
	09/24/04				30.71	73.19	0.00			
	09/30/04				30.60	73.30	0.00			
	10/15/04				29.90	74.00	0.00			
	11/09/04				29.53	74.37	0.00			
	11/19/04				29.41	74.49	0.00			
	12/07/04				29.09	74.81	0.00			
	12/17/04				28.97	74.93	0.00			
	01/07/05				28.82	75.08	0.00			
	02/21/05				28.68	75.22	0.00			
	03/29/05				28.62	75.28	0.00			
	04/22/05				28.64	75.26	0.00			
	05/06/05				28.57	75.33	0.00			
	05/23/05				28.56	75.34	0.00			
	08/16/05				28.74	75.16	0.00			
	10/05/05				28.47	75.43	0.00			
	11/18/05				28.30	75.60	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-13	10/17/95	Not Surveyed	103.89		32.61	71.28	0.00			No PSH
	02/07/96				28.75	75.14	0.00			
	04/03/96				28.61	75.28	0.00			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				29.69	74.20	0.00			
	08/01/96									
	10/02/96				31.21	72.68	0.00			
	10/09/97				30.61	73.28	0.00			
	11/08/97	Not Surveyed	103.89							
	01/22/98				30.25	73.64	0.00			
	02/18/98				30.11	73.78	0.00			
	04/02/98				29.99	73.90	0.00			
	05/05/98				29.99	73.90	0.00			
	07/07/98				30.99	72.90	0.00			
	10/02/98				31.27	72.62	0.00			
	01/14/99				30.60	73.29	0.00			
	04/15/99				30.35	73.54	0.00			
	07/13/99				30.21	73.68	0.00			
	08/11/99				30.58	73.31	0.00			
	09/22/99				30.37	73.52	0.00			
	10/28/99				30.10	73.79	0.00			
	11/23/99				30.06	73.83	0.00			
	12/17/99				28.58	75.31	0.00			
	01/13/00				30.05	73.84	0.00			
	02/15/00				30.03	73.86	0.00			
	03/31/00				30.06	73.83	0.00			
	04/27/00				30.02	73.87	0.00			
	05/31/00				30.66	73.23	0.00			
	06/30/00				30.76	73.13	0.00			
	07/13/00				30.33	73.56	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-13 (cont.)	08/30/00				30.80	73.09	0.00			
	09/21/00				31.14	72.75	0.00			
	10/03/00				31.23	72.66	0.00			
	11/29/00				30.81	73.08	0.00			
	12/13/00				30.79	73.10	0.00			
	01/03/01				30.63	73.26	0.00			
	02/06/01				30.52	73.37	0.00			
	03/15/01				30.41	73.48	0.00			
	04/05/01				30.30	73.59	0.00			
	05/03/01				30.37	73.52	0.00			
	06/02/01				30.61	73.28	0.00			
	07/10/01				31.30	72.59	0.00			
	10/02/01				31.05	72.84	0.00			
	01/28/02				30.30	73.59	0.00			
	02/25/02				30.21	73.68	0.00			
	03/25/02				30.17	73.72	0.00			
	04/10/02				30.01	73.88	0.00			
	05/16/02				29.83	74.06	0.00			
	06/17/02				29.90	73.99	0.00			
	07/02/02				29.89	74.00	0.00			
	09/10/02				29.69	74.20	0.00			
	10/08/02				29.83	74.06	0.00			
	11/08/02				29.65	74.24	0.00			
	01/28/03				29.41	74.48	0.00			
	04/02/03				29.30	74.59	0.00			
	05/10/03									
	06/26/03									
	07/08/03				30.13	73.76	0.00			
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				30.88	73.01	0.00			

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-13 (cont.)	01/21/04									
	03/01/04									
	05/06/04				29.27	74.62	0.00			
	05/21/04				29.09	74.80	0.00			
	06/03/04				29.08	74.81	0.00			
	06/18/04				29.10	74.79	0.00			
	07/12/04				29.12	74.77	0.00			
	07/23/04				29.17	74.72	0.00			
	09/03/04				29.19	74.70	0.00			
	09/24/04				29.27	74.62	0.00			
	09/30/04				29.13	74.76	0.00			
	10/15/04				28.46	75.43	0.00			
	11/09/04				28.14	75.75	0.00			
	11/19/04				27.44	76.45	0.00			
	12/07/04				27.68	76.21	0.00			
	12/17/04				27.60	76.29	0.00			
	01/07/05				27.39	76.50	0.00			
	02/21/05				27.16	76.73	0.00			
	03/29/05				26.97	76.92	0.00			
	04/22/05				26.94	76.95	0.00			
	05/06/05				26.80	77.09	0.00			
	05/23/05				26.80	77.09	0.00			
	08/16/05				27.18	76.71	0.00			
	10/05/05				26.82	77.07	0.00			
	11/18/05				26.58	77.31	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-1	10/17/95	Not Surveyed	106.40							
	02/07/96									
	04/03/96			27.36	27.37	79.03	0.01			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				28.25	78.15	0.00			
	08/01/96				28.47	77.93	0.00			
	10/02/96									
	10/09/97				27.37	79.03	0.00			
	11/08/97	Not Surveyed	106.40							SVE System
	01/22/98				27.37	79.03	0.00			SVE System
	02/18/98				30.87	75.53	0.00			SVE System
	04/02/98				30.78	75.62	0.00			
	05/05/98				30.68	75.72	0.00			
	07/07/98			31.54	31.82	74.83	0.28			
	10/02/98			31.85	32.01	74.53	0.16			
	01/14/99			31.18	31.20	75.22	0.02			
	04/15/99			31.05	31.07	75.35	0.02			SVE System Activated
	07/13/99				30.16	76.24	0.00			SVE System
	08/11/99				31.09	75.31	0.00			SVE System
	09/22/99				29.73	76.67	0.00			SVE System
	10/28/99				30.69	75.71	0.00			SVE System
	11/23/99				30.72	75.68	0.00			SVE System
	12/17/99				28.58	77.82	0.00			SVE System
	01/13/00				30.80	75.60	0.00			SVE System
	02/15/00				28.03	78.37	0.00			SVE System
	03/31/00				30.82	75.58	0.00			SVE System
	04/27/00				30.74	75.66	0.00			SVE System
	05/31/00				31.22	75.18	0.00			SVE System down/Repaired on June 2
	06/30/00				31.30	75.10	0.00			SVE System down will repair
	07/13/00				30.79	75.61	0.00			SVE System repaired July 13

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-1 (cont.)	08/30/00				30.69	75.71	0.00			SVE System
	09/21/00				31.72	74.68	0.00			SVE System
	10/03/00				31.85	74.55	0.00			SVE System
	11/29/00				32.09	74.31	0.00			SVE System
	12/13/00				32.22	74.18	0.00			SVE System
	01/03/01				31.40	75.00	0.00			SVE System
	02/06/01				31.42	74.98	0.00			SVE System
	03/15/01				31.24	75.16	0.00			SVE System
	04/05/01				31.00	75.40	0.00			SVE System
	05/03/01				31.09	75.31	0.00			SVE System
	06/02/01				31.33	75.07	0.00			SVE System
	07/10/01				32.00	74.40	0.00			SVE System
	10/02/01				31.94	74.46	0.00			SVE System
	01/28/02				30.96	75.44	0.00			SVE System
	02/25/02				30.89	75.51	0.00			SVE System
	03/25/02				30.90	75.50	0.00			SVE System
	04/10/02				30.68	75.72	0.00			SVE System
	05/16/02				30.49	75.91	0.00			SVE System
	06/17/02				30.56	75.84	0.00			SVE System
	07/02/02				30.51	75.89	0.00			SVE System
	09/10/02				30.65	75.75	0.00			SVE System
	10/08/02				30.43	75.97	0.00			SVE System
	11/08/02				30.31	76.09	0.00			SVE System
	01/28/03				30.16	76.24	0.00			SVE System
	04/02/03				30.00	76.40	0.00			SVE System
	05/10/03									
	06/26/03									
	07/08/03				30.69	75.71	0.00			SVE System
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				31.68	74.72	0.00			SVE System

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-1 (cont.)	01/21/04									
	03/01/04									
	05/06/04									
	05/21/04									
	06/03/04				29.40	77.00	0.00			
	06/18/04				29.38	77.02	0.00			
	07/12/04				29.28	77.12	0.00			
	07/23/04				29.29	77.11	0.00			
	09/03/04				29.32	77.08	0.00			
	09/27/04				29.47	76.93	0.00			
	09/30/04				29.22	77.18	0.00			
	10/15/04				28.20	78.20	0.00			Absorptive Boom
	11/09/04				28.15	78.25	0.00			Absorptive Boom (changed out)
	11/19/04				28.05	78.35	0.00			
	12/07/04				27.81	78.59	0.00			Absorptive Boom
	12/17/04				27.79	78.61	0.00			
	01/07/05				27.71	78.69	0.00			Changed Absorption Boom
	02/21/05				27.46	78.94	0.00			
	03/29/05				27.34	79.06	0.00			
	04/22/05				27.45	78.95	0.00			
	05/06/05				27.23	79.17	0.00			
	05/23/05				27.21	79.19	0.00			
	08/16/05				27.35	79.05	0.00			
	10/05/05				26.90	79.50	0.00			
	11/18/05				26.60	79.80	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-2	10/17/95	Not Surveyed	106.65							
	02/07/96									
	04/03/96			28.75	28.93	77.88	0.18			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96			29.66	29.81	76.98	0.15			
	08/01/96				30.14	76.51	0.00			
	10/02/96			29.60	29.80	77.03	0.20			
	10/09/97			29.60	29.80	77.03	0.20			
	11/08/97	Not Surveyed	106.65							SVE System
	01/22/98			29.60	29.80	77.03	0.20			SVE System
	02/18/98				30.12	76.53	0.00			SVE System
	04/02/98			30.02	30.11	76.62	0.09			
	05/05/98			30.08	30.11	76.57	0.03			
	07/07/98			30.85	31.10	75.78	0.25			
	10/02/98			31.49	31.52	75.16	0.03			
	01/14/99			30.62	30.75	76.02	0.13			
	04/15/99			30.34	30.55	76.29	0.21			SVE System Activated
	07/13/99				29.70	76.95	0.00			SVE System
	08/11/99			28.54	28.55	78.11	0.01			SVE System
	09/22/99			30.47	30.48	76.18	0.01			SVE System
	10/28/99			30.10	30.11	76.55	0.01			SVE System
	11/23/99				28.82	77.83	0.00			SVE System
	12/17/99				30.10	76.55	0.00			SVE System
	01/13/00				23.72	82.93	0.00			SVE System
	02/15/00				30.09	76.56	0.00			SVE System
	03/31/00				30.12	76.53	0.00			SVE System
	04/27/00			30.03	30.04	76.62	0.01			SVE System
	05/31/00			30.50	30.51	76.15	0.01			SVE System down/Repaired on June 2
	06/30/00			30.41	30.50	76.23	0.09			SVE Sytsem down placed boom in well
	07/13/00				30.42	76.23	0.00			SVE System repaired July 13

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-2 (cont.)	08/30/00				31.31	75.34	0.00			SVE System
	09/21/00			31.09	31.11	75.56	0.02			SVE System
	10/03/00			31.23	31.25	75.42	0.02			SVE System
	11/29/00			30.93	30.98	75.72	0.05			SVE System
	12/13/00				31.03	75.62	0.00			SVE System
	01/03/01			31.04	31.09	75.61	0.05			SVE System
	02/06/01				30.55	76.10	0.00			SVE System
	03/15/01				30.41	76.24	0.00			SVE System
	04/05/01				30.30	76.35	0.00			SVE System
	05/03/01				30.38	76.27	0.00			SVE System
	06/02/01				30.62	76.03	0.00			SVE System
	07/10/01			31.99	32.00	74.66	0.01			SVE System
	10/02/01			31.02	31.10	75.62	0.08			SVE System
	01/28/02			30.23	30.25	76.42	0.02			SVE System
	02/25/02				33.48	73.17	0.00			SVE System
	03/25/02				33.17	73.48	0.00			SVE System
	04/10/02				29.99	76.66	0.00			SVE System
	05/16/02				32.97	73.68	0.00			SVE System
	06/17/02				29.80	76.85	0.00			SVE System
	07/02/02				29.75	76.90	0.00			SVE System
	09/10/02				29.60	77.05	0.00			SVE System
	10/08/02				29.73	76.92	0.00			SVE System
	11/08/02				29.64	77.01	0.00			SVE System
	01/28/03				29.51	77.14	0.00			SVE System
	04/02/03				29.34	77.31	0.00			SVE System
	05/10/03									
	06/26/03									
	07/08/03				29.94	76.71	0.00			SVE System
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				30.90	75.75	0.00			SVE System

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-2 (cont.)	01/21/04									
	03/01/04									
	05/06/04									
	05/21/04									
	06/03/04				29.25	77.40	0.00			
	06/18/04				29.20	77.45	0.00			
	07/12/04				29.14	77.51	0.00			
	07/23/04				29.13	77.52	0.00			
	09/03/04				29.08	77.57	0.00			
	09/24/04				29.30	77.35	0.00			
	09/30/04				28.36	78.29	0.00			
	10/15/04				27.85	78.80	0.00			
	11/09/04				27.97	78.68	0.00			
	11/19/04				27.91	78.74	0.00			
	12/07/01				27.40	79.25	0.00			
	12/17/04				28.53	78.12	0.00			Absorbive boom
	01/07/05				27.37	79.28	0.00			Changed Absorption Boom
	02/21/05				27.23	79.42	0.00			Absorption Boom
	03/29/05				26.96	79.69	0.00			
	04/22/05				27.09	79.56	0.00			
	05/06/05				27.04	79.61	0.00			
	05/23/05				27.01	79.64	0.00			
	08/16/05				27.09	79.56	0.00			
	10/05/05				26.62	80.03	0.00			
	11/18/05				26.41	80.24	0.00			

* Measured from a relative datum (benchmark = 100 feet).

** Correction Equation for Phase-Separated Hydrocarbons: Corrected Groundwater Elevation = Top of Casing Elevation - [Depth to Water Below Top of Casing - (SG)(PSH Thickness)].
Specific Gravity (SG) = 0.9 for crude oil.

Note 1: Total recovery: 101.61 gallons by manual means.

Note 2: The SVE System blower failed on 3/12/98. The system was reactivated on 4/15/99.

GROUNDWATER ANALYTICAL RESULTS (BTX & TPH)

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTX (mg/L)	TPH as Gasoline	TPH as Diesel	Total TPH
MW-1	10/17/95	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	02/07/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/03/96	Not Sampled							
	07/18/96	Not Sampled							
	10/02/96	0.29	<0.003	0.12	<0.003	0.41			
	10/09/97	Not Sampled							
	01/22/98	Not Sampled							
	05/05/98	Not Sampled							
	07/08/98	Not Sampled							
	10/02/98	Not Sampled							
	01/14/99	Not Sampled							
	04/15/99	Not Sampled							
	01/13/00	Not Sampled							
	04/28/00	Not Sampled							
	10/06/00	Not Sampled							
	01/03/01	Not Sampled							
	04/05/01	Not Sampled							
	07/10/01	Not Sampled							
	10/03/01	Not Sampled							
	01/28/02	Not Sampled							
	04/10/02	Not Sampled							
	07/02/02	Not Sampled							
	10/08/02	Not Sampled							
	01/29/03	Not Sampled							
	04/02/03	0.372	ND	0.0981	0.0403	0.5104			
	07/08/03	Not Sampled							
	12/18/03	0.403	ND	0.076	0.020	0.499			
	05/06/04	0.263	<0.001	0.050	0.012	0.325	1.05	14.7	15.75
	07/23/04	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	09/30/04	0.122	<0.001	0.018	0.009	0.148	<0.5	1.39	1.39
	12/17/04	0.097	<0.001	0.011	0.012	0.120			
	03/29/05	0.265	<0.001	0.031	0.019	0.315			
	05/23/05	0.174	<0.001	0.042	0.032	0.248			
	08/16/05	0.283	<0.001	0.046	0.031	0.360			
	11/18/05	0.190	<0.001	0.035	0.023	0.158			
MW-2	10/17/95	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	02/07/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/03/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	07/18/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	10/02/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	10/09/97	Not Sampled							
	01/22/98	Not Sampled							
	05/05/98	Not Sampled							
	07/08/98	Not Sampled							
	10/02/98	Not Sampled							
	01/14/99	Not Sampled							
	04/15/99	Not Sampled							
	01/13/00	Not Sampled							
	04/28/00	Not Sampled							
	10/06/00	Not Sampled							
	01/03/01	Not Sampled							
	04/05/01	Not Sampled							
	07/10/01	Not Sampled							
	10/03/01	Not Sampled							
	01/28/02	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/10/02	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	07/02/02	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	10/08/02	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	01/29/03	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/02/03	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	07/08/03	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	12/18/03	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	05/06/04	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	07/23/04	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							

GROUNDWATER ANALYTICAL RESULTS (BTX & TPH)

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	Total TPH
MW-2 (cont.)	09/30/04	0.638	0.065	0.379	0.841	1.92	20.5	70.7	91.2
	12/17/04	0.482	0.022	0.442	0.779	1.72			
	3/29/05	0.357	0.0396	0.155	0.206	0.76			
	5/23/05	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	08/16/05	0.422	<0.001	0.172	0.202	0.80			
MW-3	11/18/05	0.341	<0.001	0.168	0.126	0.64			
	02/16/93	2.500	0.010	0.370	0.640	3.520			
	10/17/95	2.000	ND	0.120	0.120	2.240			
	10/02/96	1.900	ND	0.320	ND	2.220			
	04/10/97	1.000	ND	0.290	ND	1.290			
	10/09/97	1.500	ND	0.280	0.028	1.808			
	05/05/98	1.200	ND	0.130	0.012	1.342			
	04/15/99	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/28/00	2.800	ND	0.190	ND	2.990			
	04/10/02	1.470	0.006	0.341	0.399	2.220			
	01/29/03	NS	NS	NS	NS	NS			
	04/02/03	1.540	ND	0.213	0.0815	1.835			
	07/08/03	Not Sampled							
	12/18/03	0.959	ND	0.039	0.0072	1.01			
	05/06/04	0.803	<0.001	0.132	0.047	0.982	2.71	7.51	10.22
	07/23/04	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	09/30/04	1.45	0.003	0.176	0.0761	1.71	3.41	<0.5	3.41
	12/17/04	<0.001	<0.001	<0.001	<0.003	<0.006			
	03/29/05	0.962	<0.001	<0.001	<0.003	0.962			
	05/23/05	0.007	<0.001	<0.001	<0.003	0.007			
	08/16/05	0.028	<0.001	0.002	0.003	0.03			
	11/18/05	0.013	<0.001	<0.001	<0.003	0.013			
MW-4	02/16/93	ND	ND	ND	ND	ND			
	10/17/95	ND	ND	ND	ND	ND			
	02/07/96	ND	ND	ND	ND	ND	ND	ND	ND
	04/03/96	ND	ND	ND	ND	ND			
	07/18/96	ND	ND	ND	ND	ND			
	10/02/96	ND	ND	ND	ND	ND			
	01/22/97	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/97	ND	ND	ND	ND	ND			
	07/16/97	ND	ND	ND	ND	ND			
	10/09/97	ND	ND	ND	ND	ND			
	01/22/98	ND	ND	ND	ND	ND	ND	ND	ND
	05/05/98	ND	ND	ND	ND	ND			
	07/08/98	ND	ND	ND	ND	ND			
	10/02/98	ND	ND	ND	ND	ND			
	01/14/99	ND	ND	ND	ND	ND	ND	ND	ND
	04/15/99	ND	ND	ND	ND	ND			
	07/13/99	ND	ND	ND	ND	ND			
	10/13/99	ND	ND	ND	ND	ND			
	01/13/00	ND	ND	ND	ND	ND	ND	ND	ND
	04/29/00	ND	ND	ND	ND	ND			
	07/12/00	ND	ND	ND	ND	ND			
	10/03/00	ND	ND	ND	ND	ND			
	01/03/01	ND	ND	ND	ND	ND	ND	ND	ND
	04/05/01	0.006	ND	ND	ND	0.006			
	07/10/01	ND	ND	ND	ND	ND			
	10/02/01	ND	ND	ND	ND	ND			
	01/28/02	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/02	ND	ND	ND	ND	ND			
	07/02/02	ND	ND	ND	ND	ND			
	10/08/02	ND	ND	ND	ND	ND			
	01/29/03	ND	ND	ND	ND	ND	ND	ND	ND
	04/02/03	ND	ND	ND	ND	ND			
	07/08/03	ND	ND	ND	ND	ND			
	12/18/03	ND	ND	ND	ND	ND			
	05/06/04	Not Sampled							
	07/23/04	<0.001	<0.001	<0.001	<0.003	<0.006	0.629	2.41	3.04
09/30/04	Not Sampled								

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	Total TPH
MW-4 (cont.)	12/17/04	Not Sampled							
	03/29/05	Monitor Well entered into Annual Sampling							
	05/23/05	Monitor Well entered into Annual Sampling							
	08/16/05	<0.001	<0.001	<0.001	<0.003	<0.006			
	11/18/05	Monitor Well entered into Annual Sampling							
MW-5	02/16/93	ND	ND	0.002	0.004	0.006			
	10/17/95	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	02/07/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/03/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	07/18/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	10/02/96	0.002	ND	0.010	0.006	0.018			
	01/22/97	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/10/97	0.001	ND	0.012	0.005	0.018			
	07/16/97	0.001	ND	0.010	0.011	0.022			
	10/09/97	0.001	ND	0.006	0.001	0.008			
	01/22/98	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	05/05/98	0.002	ND	0.010	0.008	0.020			
	07/08/98	ND	ND	0.003	0.002	0.005			
	10/02/98	ND	ND	0.002	0.003	0.005			
	01/14/99	ND	ND	ND	ND	ND	ND	ND	ND
	04/15/99	ND	ND	0.007	0.004	0.011			
	07/13/99	ND	ND	0.010	0.015	0.025			
	10/13/99	ND	ND	0.005	0.002	0.007			
	01/13/00	ND	ND	0.002	ND	0.002	0.002	0.001	ND
	04/28/00	ND	ND	0.003	ND	0.003			
	07/13/00	ND	ND	ND	ND	ND			
	10/06/00	ND	ND	ND	ND	ND			
	01/03/01	ND	ND	ND	ND	ND	ND	ND	ND
	04/05/01	ND	ND	ND	ND	ND			
	07/10/01	ND	ND	ND	ND	ND			
	10/02/01	ND	ND	ND	ND	ND			
	01/28/02	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/02	ND	ND	ND	ND	ND			
	07/02/02	ND	ND	ND	ND	ND			
	10/08/02	ND	ND	ND	ND	ND			
	01/29/03	0.0067	ND	ND	ND	0.0067	ND	ND	ND
	04/02/03	ND	ND	ND	ND	ND			
	07/08/03	ND	ND	ND	0.0488	0.0488			
	12/18/03	ND	ND	ND	ND	ND			
	05/06/04	Not Sampled							
	07/23/04	Not Sampled							
	09/30/04	Not Sampled							
	12/17/04	Not Sampled							
	03/29/05	Not Sampled ^							
	05/23/05	Not Sampled ^							
	08/16/05	Not Sampled ^							
	11/18/05	Not Sampled ^							
MW-6	02/16/93	0.002	0.001	ND	0.091	0.094			
	10/17/95	ND	0.002	0.021	0.021	0.044			
	02/07/96	ND	ND	0.002	0.009	0.011	ND	ND	ND
	04/03/96	ND	ND	0.004	0.004	0.008			
	07/18/96	ND	0.003	ND	ND	0.003			
	10/02/96	ND	ND	ND	ND	ND			
	01/22/97	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/97	ND	ND	ND	ND	ND			
	07/16/97	0.001	0.001	0.001	ND	0.003			
	10/09/97	ND	0.002	0.005	0.006	0.013			
	01/22/98	0.007	ND	ND	ND	0.007	0.004	0.002	0.006
	05/05/98	0.001	ND	0.001	0.010	0.012			
	07/08/98	ND	ND	ND	ND	ND			
	10/02/98	ND	ND	ND	ND	ND			
	01/14/99	ND	ND	ND	ND	ND	ND	ND	ND
	04/15/99	ND	ND	ND	ND	ND			
	07/13/99	ND	ND	0.008	0.005	0.013			
	10/13/99	ND	ND	0.004	0.006	0.010			
	01/13/00	ND	ND	0.002	ND	0.002	0.002	ND	ND
	04/28/00	ND	ND	0.002	ND	0.002			
	07/13/00	0.001	0.001	0.006	0.003	0.011			

GROUNDWATER ANALYTICAL RESULTS (BTX & TPH)

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	Total TPH
MW-6 (cont.)	10/06/00	ND	ND	ND	ND	ND			
	01/03/01	ND	ND	ND	ND	ND	0.017	ND	ND
	04/04/01	0.007	ND	0.013	0.033	0.053			
	07/10/01	ND	ND	ND	ND	ND			
	10/02/01	ND	ND	ND	ND	ND			
	01/28/02	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/02	0.001	ND	0.003	0.003	0.008			
	07/02/02	ND	ND	ND	ND	ND			
	10/08/02	ND	ND	0.002	ND	0.002			
	01/29/03	ND	ND	ND	ND	ND	ND	ND	ND
	04/02/03	0.0014	ND	0.0012	0.0012	0.0038			
	07/08/03	ND	ND	0.0010	0.0040	0.0050			
	12/18/03	ND	ND	ND	ND	ND			
	05/06/04					Not Sampled			
	07/23/04					Not Sampled			
	09/30/04					Not Sampled			
	12/17/04					Not Sampled			
	03/29/05					Not Sampled ^A			
	05/23/05					Not Sampled ^A			
	08/16/05					Not Sampled ^A			
	11/18/05					Not Sampled ^A			
MW-7	02/16/93	ND	ND	ND	ND	ND			
	10/17/95	ND	ND	ND	ND	ND			
	02/07/96	ND	ND	ND	ND	ND	ND	ND	ND
	04/03/96	ND	ND	ND	ND	ND			
	07/18/96	ND	ND	ND	ND	ND			
	10/02/96	ND	ND	ND	ND	ND			
	01/22/97	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/97	ND	ND	ND	ND	ND			
	07/16/97	ND	ND	ND	ND	ND			
	10/09/97	ND	ND	ND	ND	ND			
	01/22/98	ND	ND	ND	ND	ND	ND	ND	ND
	05/05/98	ND	ND	ND	ND	ND			
	07/08/98	ND	ND	ND	ND	ND			
	10/02/98	ND	ND	ND	ND	ND			
	01/14/99	ND	ND	ND	ND	ND	ND	ND	ND
	04/15/99	ND	ND	ND	ND	ND			
	07/13/99	ND	ND	ND	ND	ND			
	10/13/99	ND	ND	ND	ND	ND			
	01/13/00	ND	ND	ND	ND	ND	ND	ND	ND
	04/29/00	ND	ND	ND	ND	ND			
	07/12/00	ND	ND	ND	0.006	0.006			
	10/06/00	ND	ND	ND	0.004	0.004			
	01/03/01	ND	ND	ND	ND	ND	ND	ND	ND
	04/05/01	0.006	0.012	0.013	0.034	0.065			
	07/10/01	ND	ND	ND	ND	ND			
	10/02/01	ND	ND	ND	ND	ND			
	01/28/02	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/02	ND	ND	ND	ND	ND			
	07/02/02	ND	ND	ND	ND	ND			
	10/08/02	ND	ND	ND	ND	ND			
	01/29/03	ND	ND	ND	ND	ND	ND	ND	ND
	04/02/03	ND	ND	ND	ND	ND			
	07/08/03	ND	ND	ND	ND	ND			
	12/18/03	ND	ND	ND	ND	ND			

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	Total TPH
MW-8 (cont.)	07/18/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	10/02/96	0.003	0.007	0.082	0.052	0.144			
	01/22/97	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/10/97	ND	0.001	0.054	0.016	0.071			
	05/05/98	ND	ND	0.002	0.004	0.006			
	04/15/99	0.002	ND	ND	0.001	0.003			
	04/28/00	ND	ND	ND	ND	ND			
	04/05/01	ND	ND	ND	ND	ND			
	04/10/02	ND	ND	ND	ND	ND			
	01/29/03	Not Sampled							
	04/02/03	ND	ND	ND	ND	ND			
	07/08/03	Not Sampled							
	12/18/03	ND	ND	ND	ND	ND			
	05/06/04	Not Sampled							
	07/23/04	Not Sampled							
	09/30/04	Not Sampled							
	12/17/04	Not Sampled							
	03/29/05	Monitor Well entered into Annual Sampling							
	05/23/05	Monitor Well entered into Annual Sampling							
	08/16/05	<0.001	<0.001	<0.001	<0.003	<0.006			
	11/18/05	Monitor Well entered into Annual Sampling							
MW-9	09/30/93	ND	ND	ND	ND	ND			
	10/17/95	ND	ND	ND	ND	ND			
	02/07/96	ND	ND	ND	ND	ND	ND	ND	ND
	04/03/96	ND	ND	ND	ND	ND			
	07/18/96	ND	ND	ND	0.003	0.003			
	10/02/96	ND	ND	ND	ND	ND			
	01/22/97	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/97	ND	ND	ND	ND	ND			
	07/16/97	ND	ND	ND	ND	ND			
	10/09/97	ND	ND	ND	ND	ND			
	01/22/98	ND	ND	ND	ND	ND	ND	ND	ND
	05/05/98	ND	ND	ND	ND	ND			
	07/08/98	ND	ND	ND	ND	ND			
	10/02/98	ND	ND	ND	ND	ND			
	01/14/99	ND	ND	ND	ND	ND	ND	ND	ND
	04/15/99	ND	ND	ND	ND	ND			
	07/13/99	ND	ND	ND	ND	ND			
	10/13/99	ND	ND	ND	ND	ND			
	01/13/00	0.002	0.002	ND	ND	0.004	ND	ND	ND
	04/28/00	0.008	0.003	ND	ND	0.011			
	07/12/00	ND	ND	ND	ND	ND			
	04/05/01	ND	ND	ND	ND	ND			
	07/10/01	ND	ND	ND	ND	ND			
	10/02/01	ND	ND	ND	ND	ND			
	01/28/02	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/02	ND	ND	ND	ND	ND			
	07/02/02	ND	ND	ND	ND	ND			
	10/08/02	ND	ND	ND	ND	ND			
	01/29/03	ND	ND	ND	ND	ND	ND	ND	ND
	04/02/03	ND	ND	ND	ND	ND			
	07/08/03	ND	ND	ND	ND	ND			
	12/18/03	ND	ND	ND	ND	ND			
	05/06/04	<0.001	<0.001	<0.001	<0.003	<0.006	<0.05	0.526	0.526
	07/23/04	Not Sampled							
	09/30/04	Not Sampled							
	12/17/04	Not Sampled							
	03/29/05	Monitor Well entered into Annual Sampling							
	05/23/05	Monitor Well entered into Annual Sampling							
	08/16/05	<0.001	<0.001	<0.001	<0.003	<0.006			
	11/18/05	Monitor Well entered into Annual Sampling							
MW-10	09/30/93	ND	ND	0.009	0.001	0.010			
	10/17/95	ND	0.003	ND	ND	0.003			
	02/07/96	ND	ND	ND	ND	ND	ND	ND	ND
	04/03/96	0.001	ND	ND	0.002	0.003			
	07/18/96	ND	0.002	ND	ND	0.002			
	10/02/96	ND	ND	ND	0.007	0.007			

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	Total TPH
MW-10 (cont.)	01/22/97	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/97	ND	0.001	ND	ND	0.001			
	07/16/97	0.002	ND	ND	0.005	0.007			
	10/09/97	ND	ND	ND	ND	ND			
	01/22/98	ND	ND	ND	ND	ND	ND	0.001	ND
	05/05/98	0.002	ND	ND	0.003	0.005			
	07/08/98	ND	ND	ND	ND	ND			
	10/02/98	ND	ND	ND	0.003	0.003			
	01/14/99	ND	ND	ND	ND	ND	ND	ND	ND
	04/15/99	0.001	ND	ND	0.009	0.010			
	07/13/99	ND	ND	ND	ND	ND			
	10/13/99	ND	ND	ND	ND	ND			
	01/13/00	ND	ND	ND	ND	ND	ND	ND	ND
	04/28/00	ND	ND	ND	ND	ND			
	07/12/00	ND	0.005	ND	0.020	0.025			
	10/06/00	ND	ND	ND	ND	ND			
	01/03/01	ND	ND	ND	ND	ND	ND	ND	ND
	04/05/01	ND	0.006	ND	ND	0.006			
	07/10/01	ND	ND	ND	ND	ND			
	10/02/01	0.010	ND	ND	ND	ND			
	01/28/02	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/02	ND	ND	ND	ND	ND			
	07/02/02	ND	ND	ND	ND	ND			
	10/08/02	ND	ND	ND	ND	ND			
	01/29/03	ND	ND	ND	ND	ND	ND	ND	ND
	04/02/03	ND	ND	ND	ND	ND			
	07/08/03	ND	ND	ND	ND	ND			
	12/18/03	ND	ND	ND	ND	ND			
	05/06/04	<0.001	<0.001	<0.001	<0.003	<0.006	<0.05	1.47	1.47
	07/23/04	Not Sampled							
	09/30/04	Not Sampled							
	12/17/04	Not Sampled							
	03/29/05	Monitor Well entered into Annual Sampling							
	05/23/05	Monitor Well entered into Annual Sampling							
	08/16/05	<0.001	<0.001	<0.001	<0.003	<0.006			
	11/18/05	Monitor Well entered into Annual Sampling							
MW-11	09/30/93	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	10/17/95	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	02/07/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/03/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	07/18/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	10/02/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	01/22/97	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/10/97	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	05/05/98	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/15/99	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/28/00	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/05/01	2.180	ND	0.596	0.268	3.04			
	04/10/02	2.890	0.193	0.968	0.538	4.59			
	07/02/02	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	10/08/02	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	01/29/03	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/02/03	2.150	0.171	1.010	0.846	4.18			
	07/08/03	Not Sampled							
	12/18/03	Not Sampled							
	05/06/04	2.250	0.006	1.070	0.291	3.62	12.3	19.2	31.5
	07/23/04	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	09/30/04	1.97	0.004	1.92	0.231	4.13	7.81	3.31	11.1
	12/17/04	1.75	0.004	0.714	0.163	2.63			
	03/29/05	1.16	<0.002	0.70	0.121	1.99			
	05/23/05	5.12	<0.001	4.75	0.873	10.74			
	08/16/05	1.56	<0.002	0.76	0.094	2.41			
	11/18/05	0.65	<0.001	0.36	0.047	1.06			

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	Total TPH
MW-12	02/10/95	0.590	0.009	0.043	0.067	0.709			
	07/19/95	0.580	0.130	0.076	0.032	0.818			
	10/17/95	1.400	0.440	0.300	0.163	2.303			
	10/02/96	0.680	0.180	0.280	0.100	1.240			
	04/10/97	0.840	0.250	0.230	0.075	1.395			
	10/09/97	0.780	0.230	0.100	0.047	1.157			
	05/05/98	0.930	0.370	0.390	0.130	1.820			
	04/15/99	0.770	0.070	0.280	0.058	1.178			
	04/28/00	0.240	0.019	0.120	0.011	0.390			
	04/05/01	0.195	ND	0.022	ND	0.218			
	04/10/02	0.301	ND	0.164	ND	0.465			
	01/29/03	Not Sampled							
	04/02/03	0.290	ND	0.121	0.0037	0.4147			
	07/03/03	Not Sampled							
	12/18/03	Not Sampled							
	05/06/04	0.053	<0.001	0.068	<0.003	0.121	<0.05	1.21	1.21
	07/23/04	0.107	<0.001	0.044	0.0024	0.153	0.754	<0.5	0.754
	09/30/04	0.067	<0.001	0.067	<0.003	0.134	<0.5	<0.5	<1.0
	12/17/04	0.012	<0.001	0.009	<0.003	0.021			
	03/29/05	<0.001	<0.001	<0.001	<0.003	<0.006			
	05/23/05	<0.001	<0.001	<0.001	<0.003	<0.006			
	08/16/05	<0.001	<0.001	0.002	<0.003	0.002			
	11/18/05	<0.001	<0.001	0.002	<0.003	0.002			
MW-13	02/10/95	ND	ND	ND	ND	ND			
	07/19/95	ND	ND	ND	ND	ND			
	10/17/95	ND	ND	ND	ND	ND			
	10/02/96	ND	ND	ND	ND	ND			
	04/10/97	ND	ND	ND	ND	ND			
	10/09/97	ND	ND	ND	ND	ND			
	05/05/98	ND	ND	ND	ND	ND			
	04/15/99	ND	ND	ND	ND	ND			
	04/28/00	ND	ND	ND	ND	ND			
	04/05/01	0.009	ND	ND	ND	0.009			
	04/10/02	ND	ND	ND	ND	ND			
	01/29/03	Not Sampled							
	04/02/03	ND	ND	ND	ND	ND			
	07/08/03	Not Sampled							
	12/18/03	Not Sampled							
	05/06/04	<0.001	<0.001	<0.001	<0.003	<0.006	<0.05	0.698	0.698
	07/23/04	Not Sampled							
	09/30/04	Not Sampled							
	12/17/04	Not Sampled							
	03/29/05	Monitor Well entered into Annual Sampling							
	05/23/05	Monitor Well entered into Annual Sampling							
	08/16/05	<0.001	<0.001	<0.001	<0.003	<0.006			
	11/18/05	Monitor Well entered into Annual Sampling							
RW-1	01/29/03	Not Sampled							
	04/02/03	Not Sampled							
	07/08/03	Not Sampled							
	12/18/03	ND	ND	ND	ND	ND			
	05/06/04	Not Sampled							
	07/23/04	Not Sampled							
	09/30/04	Not Sampled							
	12/17/04	Not Sampled							
	03/29/05	Not Sampled ^A							
	05/23/05	Not Sampled ^A							
	08/16/05	Not Sampled ^A							
	11/18/05	Not Sampled ^A							
NMWQCC Groundwater		0.01	0.75	0.75	0.62				

mg/L = milligrams per liter

ND = None Detected

If the cell is blank, then that analysis was not performed.

TABLE 3

CONCENTRATIONS OF SEMI-VOLATILES IN GROUNDWATER

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Acenaphthene (ug/L)	Acenaphthylene (ug/L)	Anthracene (ug/L)	Benzo(a)anthracene (ug/L)	Benzo(a)pyrene (ug/L)	Benzo(b)fluoranthene (ug/L)	Benzo(g,h,i)perylene (ug/L)	Benzo(j,k)fluoranthene (ug/L)	Chrysene (ug/L)	Dibenz(a,h)anthracene (ug/L)	Fluoranthene (ug/L)	Fluorene (ug/L)	Indenol(1,2,3-cd)pyrene (ug/L)	1-Methylnaphthlene (ug/L)	2-Methylnaphthlene (ug/L)	Naphthalene (ug/L)	Phenanthrene (ug/L)	Pyrene (ug/L)
MW-1	17-Dec-04	0.288	0.18	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.115	<0.05	0.061	1.14	<0.05	NA	NA	0.844	1.45	0.099
	29-Mar-05	0.234	0.059	0.095	<0.05	<0.05	<0.05	<0.05	<0.05	0.138	<0.05	<0.05	1.30	<0.05	NA	NA	7.22	1.46	<0.05
MW-2	17-Dec-04	7.77	<0.05	<0.05	<0.05	2.00	1.07	<0.05	0.928	6.03	<0.05	2.76	27.1	<0.05	NA	NA	118	43.9	3.56
	29-Mar-05	0.290	0.129	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	1.34	<0.05	NA	NA	18.0	1.05	<0.05
MW-3	17-Dec-04	0.143	0.054	0.771	0.737	0.237	0.101	<0.05	0.094	0.613	<0.05	0.176	0.393	<0.05	NA	NA	0.102	0.757	0.172
	29-Mar-05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.097	<0.05	NA	NA	0.054	0.056	<0.05
MW-4	07-Feb-96					ND							ND		ND	ND	ND		
	22-Jan-97					ND							ND		ND	ND	ND		
	22-Jan-98					ND							ND		ND	ND	ND		
	14-Jan-99					ND							ND		ND	ND	ND		
	13-Jan-00					ND							ND		ND	ND	ND		
	03-Jan-01					ND							ND		ND	ND	ND		
	28-Jan-02					ND							ND		ND	ND	ND		
	29-Jan-03					ND							ND		ND	ND	ND		
	30-Sep-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	NA	NA	<0.05	<0.05	<0.05
	14-Jan-99					ND							ND		ND	ND	ND		
MW-5	13-Jan-00					ND							ND		2.0	1.0	ND		
	03-Jan-01					ND							ND		ND	ND	ND		
	28-Jan-02					ND							ND		ND	ND	ND		
	29-Jan-03					ND							ND		ND	ND	ND		
	07-Feb-96					ND							ND		ND	ND	ND		
MW-6	22-Jan-97					ND							ND		ND	ND	ND		
	22-Jan-98					ND							ND		4.0	2.0	6.0		
	14-Jan-99					ND							ND		ND	ND	ND		
	13-Jan-00					ND							ND		2.0	ND	ND		
	03-Jan-01					ND							ND		17.0	ND	ND		
	28-Jan-02					ND							ND		ND	ND	ND		
	29-Jan-03					ND							6.1		ND	ND	ND		
	07-Feb-96					ND							ND		ND	ND	ND		
	22-Jan-97					ND							ND		ND	ND	ND		
MW-7	22-Jan-98					ND							ND		ND	1.0	ND		
	14-Jan-99					ND							ND		ND	ND	ND		
	13-Jan-00					ND							ND		ND	ND	ND		
	03-Jan-01					ND							ND		ND	ND	ND		
	28-Jan-02					ND							ND		ND	ND	ND		
	29-Jan-03					ND							ND		ND	ND	ND		
	07-Feb-96					ND							ND		ND	ND	ND		
	22-Jan-97					ND							ND		ND	ND	ND		

TABLE 3

CONCENTRATIONS OF SEMI-VOLATILES IN GROUNDWATER

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Acenaphthene (ug/L)	Acenaphthylene (ug/L)	Anthracene (ug/L)	Benzo(a)anthracene (ug/L)	Benzo(a)pyrene (ug/L)	Benzo(b)fluoranthene (ug/L)	Benzo(g,h,i)perylene (ug/L)	Benzo(j,k)fluoranthene (ug/L)	Chrysene (ug/L)	Dibenz(a,b)anthracene (ug/L)	Fluoranthene (ug/L)	Fluorene (ug/L)	Indenol(1,2,3-cd)pyrene (ug/L)	1-Methylanthracene (ug/L)	2-Methylanthracene (ug/L)	Naphthalene (ug/L)	Phenanthrene (ug/L)	Pyrene (ug/L)
MW-9	07-Feb-96					ND							ND		ND	ND	ND		
	22-Jan-97					ND							ND		ND	ND	ND		
	22-Jan-98					ND							ND		ND	ND	ND		
	14-Jan-99					ND							ND		ND	ND	ND		
	13-Jan-00					ND							ND		ND	ND	ND		
	03-Jan-01					ND							ND		ND	ND	ND		
	28-Jan-02					ND							ND		ND	ND	ND		
	29-Jan-03					ND							ND		ND	ND	ND		
	23-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	NA	NA	<0.05	<0.05	<0.05
MW-10	07-Feb-96					ND							ND			ND	ND		
	22-Jan-97					ND							ND			ND	ND		
	22-Jan-98					ND							ND			1.0	ND		
	14-Jan-99					ND							ND			ND	ND		
	13-Jan-00					ND							ND			ND	ND		
	03-Jan-01					ND							ND			ND	ND		
	28-Jan-02					ND							ND			ND	ND		
	29-Jan-03					ND							ND			ND	ND		
	30-Sep-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	NA	NA	<0.05	<0.05	<0.05
MW-11	17-Dec-04	0.254	0.251	<0.05	<0.05	0.106	0.051	<0.05	<0.05	0.280	<0.05	0.121	1.89	<0.05	NA	NA	3.44	2.32	0.182
	29-Mar-05	0.235	0.099	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	1.42	<0.05	NA	NA	0.980	1.20	<0.05
MW - 12	23-Jul-04	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.378	<0.05	NA	NA	<0.05	0.090	<0.05
	29-Mar-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	<0.05	<0.05
MW - 13	23-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	NA	NA	<0.05	<0.05	<0.05
New Mexico Water Quality						0.7										30			

ND = Not Detected

NA = Not Analyzed

TABLE 4**Summary of Groundwater Sampling Recommendations for 2006****Plains All American Pipeline, L.P.****Lea Station - Ref. #2003-00339****Lea County, New Mexico**

Monitoring Well	Eight Quarters Below NMOCD Standards	Sampling Schedule				Notes
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	
RW-1						Well to be sealed
RW-2						Well to be sealed
MW-1	No	X	X	X	X	Recommend Annual PAH analysis
MW-2	No	X	X	X	X	Recommend Annual PAH analysis
MW-3	No	X	X	X	X	Recommend Annual PAH analysis
MW-4	Yes			X		
MW-5	Yes					Well to be sealed
MW-6	Yes					Well to be sealed
MW-7	Yes			X		
MW-8	Yes			X		
MW-9	Yes			X		
MW-10	Yes			X		
MW-11	No	X	X	X	X	Recommend Annual PAH analysis
MW-12	No	X	X	X	X	Recommend Annual PAH analysis
MW-13	Yes			X		

APPENDIX

APPENDIX A

LABORATORY ANALYTICAL RESULTS

AND

CHAIN-OF-CUSTODY FORM



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#: 165342 **Report Date:** 04/27/05
Project ID: 2003-00339\Lea Station
Sample Name: MW-1
Sample Matrix: water
Date Received: 03/31/2005 **Time:** 13:15
Date Sampled: 03/29/2005 **Time:** 10:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA ¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
A/BN Extraction-PAH	---	---	---	---	04/05/05	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	04/09/05	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---	---	---	---	04/06/05	8260b(5030/5035)	---	---	---	---	---
Benzene	265	µg/L	10	<10	04/04/05	8260b	---	3.8	97.8	97	94.8
Ethylbenzene	30.6	µg/L	1	<1	04/06/05	8260b	---	9.1	87.3	92.6	91
m,p-Xylenes	19.2	µg/L	2	<2	04/06/05	8260b	S1	10.3	83.9	87.9	88.8
o-Xylene	<1	µg/L	1	<1	04/06/05	8260b	---	7.6	92.2	93	96.5
Toluene	<1	µg/L	1	<1	04/06/05	8260b	---	6.1	87.7	90.2	89.4
Acenaphthene	0.234	µg/L	0.05	<0.05	04/09/05	610 & 8270c	P	30	24.8	91.1	33.3
Acenaphthylene	0.059	µg/L	0.05	<0.05	04/09/05	610 & 8270c	P	37.9	26	96.7	35.1
Anthracene	0.095	µg/L	0.05	<0.05	04/09/05	610 & 8270c	---	4.1	22.3	102	42.2
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	---	10.3	9.7	97.8	55.7
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	---	10	6.6	96.9	54.6
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	---	14.9	7.2	102.9	61
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	S,M	14.4	6.9	105.1	60.1
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	---	19.5	8	101.8	56
Chrysene	0.138	µg/L	0.05	<0.05	04/09/05	610 & 8270c	---	10.9	13.1	99.1	75.2
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	S,M,P	17.9	7.6	105.9	71.6
Fluoranthene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	J,S,M	8.1	20.5	102.5	57.9
Fluorene	1.3	µg/L	0.05	<0.05	04/09/05	610 & 8270c	---	20.2	26.9	92	35
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	S,M	11	6.2	100.3	58.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

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.



3512 Montopolis Drive, Austin, TX 78744 &
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339\Lea Station
Sample Name: MW-1

Report#/Lab ID#: 165342
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	7.22	µg/L	0.5	<0.5	04/13/05	610 & 8270c	P	56.8	22.7	92.9	38.6
Phenanthrene	1.46	µg/L	0.05	<0.05	04/09/05	610 & 8270c	---	6.5	27.5	98.7	39.9
Pyrene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	J	2.4	17.8	97.7	52.5



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Client: Environmental Plus, Inc.
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Project ID: 2003-00339\Lea Station
Sample Name: MW-1

Report#/Lab ID#: 165342
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
2-Fluorobiphenyl	610 & 8270c	47.7	30-110	---
Nitrobenzene-d5	610 & 8270c	59.5	12-110	---
Terphenyl-d14	610 & 8270c	63.7	25-110	---
1,2-Dichloroethane-d4	8260b	100	74-124	---
Toluene-d8	8260b	91.7	89-115	---

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

Exceptions Report:

Report #/Lab ID#: 165342 Matrix: water

Client: Environmental Plus, Inc.

Attn: Iain Olness

Project ID: 2003-00339\Lea Station

Sample Name: MW-1

Sample Temperature/Condition: $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. 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	S1	MS and/or MSD recoveries outside target recov. limits & either no LCS or LCS recovery outside target recov. limits.
Acenaphthene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Acenaphthene	P	
Acenaphthylene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Acenaphthylene	P	
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	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Dibenz[a,h]anthracene	P	
Dibenz[a,h]anthracene	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.
Fluoranthene	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.
Fluoranthene	J	See J-flag discussion above.
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	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Naphthalene	P	
Pyrene	J	See J-flag discussion above.

Notes:

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#: 165343 **Report Date:** 04/27/05
Project ID: 2003-00339\Lea Station
Sample Name: MW-2
Sample Matrix: water
Date Received: 03/31/2005 **Time:** 13:15
Date Sampled: 03/29/2005 **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
A/BN Extraction-PAH	---	---	---	---	04/05/05	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	04/25/05	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---	---	---	---	04/06/05	8260b(5030/5035)	---	---	---	---	---
Benzene	357	µg/L	100	<100	04/04/05	8260b	---	3.8	97.8	97	94.8
Ethylbenzene	155	µg/L	1	<1	04/06/05	8260b	---	9.1	87.3	92.6	91
m,p-Xylenes	179	µg/L	2	<2	04/06/05	8260b	S1	10.3	83.9	87.9	88.8
o-Xylene	26.8	µg/L	1	<1	04/06/05	8260b	---	7.6	92.2	93	96.5
Toluene	3.96	µg/L	1	<1	04/06/05	8260b	---	6.1	87.7	90.2	89.4
Acenaphthene	0.29	µg/L	0.05	<0.05	04/25/05	610 & 8270c	---	4	57.3	103.2	60
Acenaphthylene	0.129	µg/L	0.05	<0.05	04/25/05	610 & 8270c	P	40.9	58.1	102.2	59.9
Anthracene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	J,P	56.2	52.4	100.6	58
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	P	124.5	30.5	97.7	61.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	S,M,P	97.9	10.3	102.3	60.5
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	S,M,P	102.9	11.8	103.9	63.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	S,M,P	38.7	4.5	99.7	62.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	S,M,P	97.2	10.8	99.1	62.9
Chrysene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	J,P	119	39.2	99.4	81.6
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	S,M,P	34.4	5	102.7	76.5
Fluoranthene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	S,M,P	76.2	52.4	99.6	62.6
Fluorene	1.34	µg/L	0.05	<0.05	04/25/05	610 & 8270c	---	13	67.2	102	58.9
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	S,M,P	39.7	4.3	102.6	63.1

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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: 2003-00339\Lea Station
Sample Name: MW-2

Report#/Lab ID#: 165343
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	18	µg/L	0.5	<0.5	04/25/05	610 & 8270c	P	55.7	53.8	107.7	62.8
Phenanthrene	1.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	P	69.5	55.8	99.6	60
Pyrene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	P	69.3	53.6	99.1	62



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Project ID: 2003-00339\Lea Station
Sample Name: MW-2

Report#/Lab ID#: 165343
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
2-Fluorobiphenyl	610 & 8270c	50.8	30-110	---
Nitrobenzene-d5	610 & 8270c	53.1	12-110	---
Terphenyl-d14	610 & 8270c	21.7	25-110	X
1,2-Dichloroethane-d4	8260b	108	74-124	---
Toluene-d8	8260b	90.3	89-115	---

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

Exceptions Report:

Report #/Lab ID#: 165343 Matrix: water

Client: Environmental Plus, Inc.

Attn: Iain Olness

Project ID: 2003-00339\Lea Station

Sample Name: MW-2

Sample Temperature/Condition: $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. 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
m,p-Xylenes	S1	MS and/or MSD recoveries outside target recov. limits & either no LCS or LCS recovery outside target recov. limits.
Acenaphthylene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Acenaphthylene	P	
Anthracene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Anthracene	P	
Anthracene	J	See J-flag discussion above.
Benzo[a]anthracene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Benzo[a]anthracene	P	
Benzo[a]pyrene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Benzo[a]pyrene	P	
Benzo[a]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.
Benzo[b]fluoranthene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Benzo[b]fluoranthene	P	
Benzo[b]fluoranthene	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.
Benzo[g,h,i]perylene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Benzo[g,h,i]perylene	P	
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.
Benzo[j,k]fluoranthene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Benzo[j,k]fluoranthene	P	
Benzo[j,k]fluoranthene	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.
Chrysene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Chrysene	P	
Chrysene	J	See J-flag discussion above.
Dibenz[a,h]anthracene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Dibenz[a,h]anthracene	P	
Dibenz[a,h]anthracene	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.
Fluoranthene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Fluoranthene	P	

Exceptions Report:**Report #/Lab ID#:** 165343 **Matrix:** water**Client:** Environmental Plus, Inc.**Attn:** Iain Olness**Project ID:** 2003-00339\Lea Station**Sample Name:** MW-2

Fluoranthene	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.
Indeno[1,2,3-cd]pyrene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Indeno[1,2,3-cd]pyrene	P	
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	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Naphthalene	P	
Phenanthrene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Phenanthrene	P	
Pyrene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Pyrene	P	
Terphenyl-d14	X	Surrogate recovery outside advisory/acceptance limits. Typically verified by reanalysis or reextraction & reanalysis. In some well known matrices (sample sources with known interferences) and for some conditions, reextraction and/or reanalysis may be at analysts discretion.
Terphenyl-d14	X	

Notes:



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Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 165344 **Report Date:** 04/27/05
Project ID: 2003-00339\Lea Station
Sample Name: MW-12
Sample Matrix: water
Date Received: 03/31/2005 **Time:** 13:15
Date Sampled: 03/29/2005 **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
A/BN Extraction-PAH	---	---	---	---	04/05/05	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	04/14/05	610 & 8270	---	---	---	---	---
Volatile organics-8260b/BTEX	---	---	---	---	04/04/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/04/05	8260b	---	3.8	97.8	97	94.8
Ethylbenzene	<1	µg/L	1	<1	04/04/05	8260b	---	9.1	87.3	92.6	91
m,p-Xylenes	<2	µg/L	2	<2	04/04/05	8260b	S1	10.3	83.9	87.9	88.8
o-Xylene	<1	µg/L	1	<1	04/04/05	8260b	---	7.6	92.2	93	96.5
Toluene	<1	µg/L	1	<1	04/04/05	8260b	---	6.1	87.7	90.2	89.4
Acenaphthene	<0.05	µg/L	0.05	<0.05	04/14/05	610 & 8270	---	17.1	50.7	107.5	50.5
Acenaphthylene	<0.05	µg/L	0.05	<0.05	04/14/05	610 & 8270	P	29.2	46.7	102.3	48.3
Anthracene	<0.05	µg/L	0.05	<0.05	04/14/05	610 & 8270	P	41.5	45.3	99.9	48.5
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	04/14/05	610 & 8270	P	123.2	28.5	93.5	55.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	04/14/05	610 & 8270	S,M,P	90.6	8.7	89	52.3
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	04/14/05	610 & 8270	S,M,P	94.9	10.8	89.4	56.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	04/14/05	610 & 8270	S,M,P	31.2	4.2	105.2	61.5
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	04/14/05	610 & 8270	S,M,P	110.3	11.3	112.5	60.9
Chrysene	<0.05	µg/L	0.05	<0.05	04/14/05	610 & 8270	P	113.5	35.4	112.9	74
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	04/14/05	610 & 8270	S,M,P	34.7	5.1	98.1	70.8
Fluoranthene	<0.05	µg/L	0.05	<0.05	04/14/05	610 & 8270	S,M,P	70.6	46	98.9	52
Fluorene	<0.05	µg/L	0.05	<0.05	04/14/05	610 & 8270	---	3.5	50.4	102.8	49.8
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	04/14/05	610 & 8270	S,M,P	36.9	3.8	103.3	58.9

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. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

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.



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: 2003-00339\Lea Station
Sample Name: MW-12

Report#/Lab ID#: 165344
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	04/14/05	610 & 8270	P	43.9	44.5	108.8	51.6
Phenanthrene	<0.05	µg/L	0.05	<0.05	04/14/05	610 & 8270	P	61.9	53.7	98.2	53
Pyrene	<0.05	µg/L	0.05	<0.05	04/14/05	610 & 8270	P	65.2	50.3	101.8	58.8



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Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339\Lea Station
Sample Name: MW-12

Report#/Lab ID#: 165344
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
2-Fluorobiphenyl	610 & 8270	35.7	30-110	---
Nitrobenzene-d5	610 & 8270	30	12-110	---
Terphenyl-d14	610 & 8270	46	25-110	---
1,2-Dichloroethane-d4	8260b	104	74-124	---
Toluene-d8	8260b	99.5	89-115	---

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

Exceptions Report:

Report #/Lab ID#: 165344 **Matrix:** water

Client: Environmental Plus, Inc.

Attn: Iain Olness

Project ID: 2003-00339\Lea Station

Sample Name: MW-12

Sample Temperature/Condition: $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. 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	S1	MS and/or MSD recoveries outside target recov. limits & either no LCS or LCS recovery outside target recov. limits.
Acenaphthylene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Acenaphthylene	P	
Anthracene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Anthracene	P	
Benzo[a]anthracene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Benzo[a]anthracene	P	
Benzo[a]pyrene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Benzo[a]pyrene	P	
Benzo[a]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.
Benzo[b]fluoranthene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Benzo[b]fluoranthene	P	
Benzo[b]fluoranthene	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.
Benzo[g,h,i]perylene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Benzo[g,h,i]perylene	P	
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.
Benzo[j,k]fluoranthene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Benzo[j,k]fluoranthene	P	
Benzo[j,k]fluoranthene	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.
Chrysene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Chrysene	P	
Dibenz[a,h]anthracene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Dibenz[a,h]anthracene	P	
Dibenz[a,h]anthracene	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.
Fluoranthene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Fluoranthene	P	
Fluoranthene	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.

Exceptions Report:

Report #/Lab ID#: 165344	Matrix: water
Client: Environmental Plus, Inc.	Attn: Iain Olness
Project ID: 2003-00339	Lea Station
Sample Name: MW-12	

Indeno[1,2,3-cd]pyrene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Indeno[1,2,3-cd]pyrene	P	
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	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Naphthalene	P	
Phenanthrene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Phenanthrene	P	
Pyrene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Pyrene	P	

Notes:



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(512) 385-5886 • FAX (512) 385-7411

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

Report#/Lab ID#: 165351 **Report Date:** 04/27/05
Project ID: 2003-00339\Lea Station
Sample Name: MW-3
Sample Matrix: water
Date Received: 03/31/2005 **Time:** 13:30
Date Sampled: 03/29/2005 **Time:** 11:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA ¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
A/BN Extraction-PAH	---	---	---	---	04/05/05	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	04/09/05	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---	---	---	---	04/05/05	8260b(5030/5035)	---	---	---	---	---
Benzene	9.62	µg/L	1	<1	04/05/05	8260b	---	2.4	97.1	88.6	90.1
Ethylbenzene	<1	µg/L	1	<1	04/05/05	8260b	---	8.3	102	97	83.2
m,p-Xylenes	<2	µg/L	2	<2	04/05/05	8260b	---	1	99.6	97.3	81.9
o-Xylene	<1	µg/L	1	<1	04/05/05	8260b	---	1.4	106	107.6	89.3
Toluene	<1	µg/L	1	<1	04/05/05	8260b	---	2.1	100.4	103.3	95.8
Acenaphthene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	P	30	24.8	91.1	33.3
Acenaphthylene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	P	37.9	26	96.7	35.1
Anthracene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	---	4.1	22.3	102	42.2
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	---	10.3	9.7	97.8	55.7
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	---	10	6.6	96.9	54.6
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	---	14.9	7.2	102.9	61
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	S,M	14.4	6.9	105.1	60.1
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	---	19.5	8	101.8	56
Chrysene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	J	10.9	13.1	99.1	75.2
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	S,M,P	17.9	7.6	105.9	71.6
Fluoranthene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	S,M	8.1	20.5	102.5	57.9
Fluorene	0.097	µg/L	0.05	<0.05	04/09/05	610 & 8270c	---	20.2	26.9	92	35
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	S,M	11	6.2	100.3	58.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Dale Wagner

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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: 2003-00339\Lea Station
Sample Name: MW-3

Report#/Lab ID#: 165351
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	0.054	µg/L	0.05	<0.05	04/09/05	610 & 8270c	P	56.8	22.7	92.9	38.6
Phenanthrene	0.056	µg/L	0.05	<0.05	04/09/05	610 & 8270c	---	6.5	27.5	98.7	39.9
Pyrene	<0.05	µg/L	0.05	<0.05	04/09/05	610 & 8270c	---	2.4	17.8	97.7	52.5



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Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339\Lea Station
Sample Name: MW-3

Report#/Lab ID#: 165351
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
2-Fluorobiphenyl	610 & 8270c	47.7	30-110	---
Nitrobenzene-d5	610 & 8270c	34.3	12-110	---
Terphenyl-d14	610 & 8270c	62.8	25-110	---
1,2-Dichloroethane-d4	8260b	105	74-124	---
Toluene-d8	8260b	112	89-115	---

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

Exceptions Report:

Report #/Lab ID#: 165351 Matrix: water

Client: Environmental Plus, Inc.

Attn: Iain Olness

Project ID: 2003-00339\Lea Station

Sample Name: MW-3

Sample Temperature/Condition: $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. 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 analyses where 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 analyses where 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.
Chrysene	J	See J-flag discussion above.
Dibenz[a,h]anthracene Dibenz[a,h]anthracene	P P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Dibenz[a,h]anthracene	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.
Fluoranthene	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.
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 analyses where MS/MSD are not run) is outside advisory/acceptance limits.

Notes:

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#: 165352 **Report Date:** 04/27/05
Project ID: 2003-00339\Lea Station
Sample Name: MW-11
Sample Matrix: water
Date Received: 03/31/2005 **Time:** 13:30
Date Sampled: 03/29/2005 **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	---	---	---	---	04/05/05	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	04/25/05	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---	---	---	---	04/06/05	8260b(5030/5035)	---	---	---	---	---
Benzene	1160	µg/L	10	<10	04/05/05	8260b	---	2.4	97.1	88.6	90.1
Ethylbenzene	704	µg/L	10	<10	04/05/05	8260b	---	8.3	102	97	83.2
m,p-Xylenes	121	µg/L	4	<4	04/06/05	8260b	---	1	99.6	97.3	81.9
o-Xylene	<2	µg/L	2	<2	04/06/05	8260b	J	1.4	106	107.6	89.3
Toluene	<2	µg/L	2	<2	04/06/05	8260b	---	2.1	100.4	103.3	95.8
Acenaphthene	0.235	µg/L	0.05	<0.05	04/25/05	610 & 8270c	---	4	57.3	103.2	60
Acenaphthylene	0.099	µg/L	0.05	<0.05	04/25/05	610 & 8270c	P	40.9	58.1	102.2	59.9
Anthracene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	J,P	56.2	52.4	100.6	58
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	P	124.5	30.5	97.7	61.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	S,M,P	97.9	10.3	102.3	60.5
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	S,M,P	102.9	11.8	103.9	63.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	S,M,P	38.7	4.5	99.7	62.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	S,M,P	97.2	10.8	99.1	62.9
Chrysene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	J,P	119	39.2	99.4	81.6
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	S,M,P	34.4	5	102.7	76.5
Fluoranthene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	S,M,P	76.2	52.4	99.6	62.6
Fluorene	1.42	µg/L	0.05	<0.05	04/25/05	610 & 8270c	---	13	67.2	102	58.9
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	S,M,P	39.7	4.3	102.6	63.1

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. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

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.



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: 2003-00339\Lea Station
Sample Name: MW-11

Report#/Lab ID#: 165352
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	0.98	µg/L	0.05	<0.05	04/25/05	610 & 8270c	P	55.7	53.8	107.7	62.8
Phenanthrene	1.2	µg/L	0.05	<0.05	04/25/05	610 & 8270c	P	69.5	55.8	99.6	60
Pyrene	<0.05	µg/L	0.05	<0.05	04/25/05	610 & 8270c	P	69.3	53.6	99.1	62



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Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339\Lea Station
Sample Name: MW-11

Report#/Lab ID#: 165352
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
2-Fluorobiphenyl	610 & 8270c	47.1	30-110	---
Nitrobenzene-d5	610 & 8270c	12	12-110	---
Terphenyl-d14	610 & 8270c	31.5	25-110	---
1,2-Dichloroethane-d4	8260b	114	74-124	---
Toluene-d8	8260b	99.1	89-115	---

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

Exceptions Report:

Report #/Lab ID#: 165352 **Matrix:** water

Client: Environmental Plus, Inc.

Attn: Iain Olness

Project ID: 2003-00339\Lea Station

Sample Name: MW-11

Sample Temperature/Condition: $\leq 6^{\circ}\text{C}$

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

Sample Bottles & Preservation:

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

J flag Discussion:

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
o-Xylene	J	See J-flag discussion above.
Acenaphthylene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Acenaphthylene	P	
Anthracene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Anthracene	P	
Anthracene	J	See J-flag discussion above.
Benzo[a]anthracene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Benzo[a]anthracene	P	
Benzo[a]pyrene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Benzo[a]pyrene	P	
Benzo[a]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.
Benzo[b]fluoranthene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Benzo[b]fluoranthene	P	
Benzo[b]fluoranthene	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.
Benzo[g,h,i]perylene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Benzo[g,h,i]perylene	P	
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.
Benzo[j,k]fluoranthene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Benzo[j,k]fluoranthene	P	
Benzo[j,k]fluoranthene	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.
Chrysene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Chrysene	P	
Chrysene	J	See J-flag discussion above.
Dibenz[a,h]anthracene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Dibenz[a,h]anthracene	P	
Dibenz[a,h]anthracene	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.
Fluoranthene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Fluoranthene	P	

Exceptions Report:**Report #/Lab ID#:** 165352 **Matrix:** water**Client:** Environmental Plus, Inc.**Attn:** Iain Olness**Project ID:** 2003-00339\Lea Station**Sample Name:** MW-11

Fluoranthene	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.
Indeno[1,2,3-cd]pyrene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Indeno[1,2,3-cd]pyrene	P	
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	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Naphthalene	P	
Phenanthrene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Phenanthrene	P	
Pyrene	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Pyrene	P	

Notes:


12406
12104

AnalySys Inc.

Chain of Custody Form

4221 Freidrich Lane, Suite 190, Austin, TX 78744
512-444-5896 FAX: 512-447-4766

2209 N. Padre Island Dr., Corpus Christi, TX 78408

Company Name		Environmental Plus, Inc.		Bill To				ANALYSIS REQUEST																							
EPI Project Manager		Iain Olness		 <p>Attn: ENV Accounts Receivable PO Box 4648, Houston, TX 77210-4648</p>																											
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		Lea Station																													
Project Reference		2003-00339																													
EPI Sampler Name		John Robinson																													
LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.			SAMPLING		BTEX 8021B	TPH 8015M	CHLORIDES (Cl ⁻)	SULFATES (SO ₄ ²⁻)	pH	TCLP	OTHER >>>	PAH									
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME																	
165351	1 MW-3	G	6	X							X	X		29-Mar	11:15	X									X						
165352	2 MW-11	G	6	X							X	X		29-Mar	8:30	X									X						
	3																														
	4																														
	5																														
	6																														
	7																														
	8																														
	9																														
	10																														

Sampler Relinquished:		Date: 3/30/05	Received By: J. Ball	E-mail results to: iolness@hotmail.com and cjreynolds@paalp.com REMARKS:
Relinquished by: Iain Olness		Time: 1630	3/31/05 1330	
		Date:	Received By: (lab staff)	
		Time:		
Delivered by:		Sample Cool & Intact Yes No		Checked By:

T: 3.4°C



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#: 167535 **Report Date:** 05/31/05
Project ID: 2003-00339
Sample Name: LS MW-1
Sample Matrix: water
Date Received: 05/25/2005 **Time:** 09:30
Date Sampled: 05/23/2005 **Time:** 09:19

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	---		---		05/31/05	8260b(5030/5035)	---	---	---	---	---
Benzene	174	µg/L	1	<1	05/31/05	8260b	---	2	82.9	87.3	84.5
Ethylbenzene	42	µg/L	1	<1	05/31/05	8260b	---	1.5	104.8	98.7	101.8
m,p-Xylenes	30.2	µg/L	2	<2	05/31/05	8260b	---	1.2	105.7	99.1	102.3
o-Xylene	<1	µg/L	1	<1	05/31/05	8260b	---	13.5	93.8	104.2	107.6
Toluene	<1	µg/L	1	<1	05/31/05	8260b	---	2.7	93	92.6	94.4

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Respectfully Submitted,

Dale Wagner

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Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339
Sample Name: LS MW-1

Report#/Lab ID#: 167535
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	100	70-130	---
Toluene-d8	8260b	106	80-127	---

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



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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#: 167536 **Report Date:** 05/31/05
Project ID: 2003-00339
Sample Name: LS MW-3
Sample Matrix: water
Date Received: 05/25/2005 **Time:** 09:30
Date Sampled: 05/23/2005 **Time:** 08:39

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	---		---		05/26/05	8260b(5030/5035)	---	---	---	---	---
Benzene	6.85	µg/L	1	<1	05/26/05	8260b	---	2.6	84.9	84.8	83.6
Ethylbenzene	<1	µg/L	1	<1	05/26/05	8260b	---	3.1	102.6	97.6	102.7
m,p-Xylenes	<2	µg/L	2	<2	05/26/05	8260b	---	2.5	103	97.9	103.3
o-Xylene	<1	µg/L	1	<1	05/26/05	8260b	---	14.7	107.8	102.8	106.3
Toluene	<1	µg/L	1	<1	05/26/05	8260b	---	1.2	93.5	91.9	93.7

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339
Sample Name: LS MW-3

Report#/Lab ID#: 167536
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.5	70-130	---
Toluene-d8	8260b	103	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#: 167537 **Report Date:** 05/31/05
Project ID: 2003-00339
Sample Name: LS MW-11
Sample Matrix: water
Date Received: 05/25/2005 **Time:** 09:30
Date Sampled: 05/23/2005 **Time:** 08:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA ¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		05/26/05	8260b(5030/5035)	---	---	---	---	---
Benzene	512	µg/L	10	<10	05/31/05	8260b	---	2	82.9	87.3	84.5
Ethylbenzene	475	µg/L	10	<10	05/31/05	8260b	---	1.5	104.8	98.7	101.8
m,p-Xylenes	86.1	µg/L	2	<2	05/26/05	8260b	---	1.2	105.7	99.1	102.3
o-Xylene	1.2	µg/L	1	<1	05/26/05	8260b	---	13.5	93.8	104.2	107.6
Toluene	<1	µg/L	1	<1	05/26/05	8260b	---	2.7	93	92.6	94.4

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Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339
Sample Name: LS MW-11

Report#/Lab ID#: 167537
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.4	70-130	---
Toluene-d8	8260b	100	80-127	---

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



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Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 167538 **Report Date:** 05/31/05
Project ID: 2003-00339
Sample Name: LS MW-12
Sample Matrix: water
Date Received: 05/25/2005 **Time:** 09:30
Date Sampled: 05/23/2005 **Time:** 07:48

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	---		---		05/26/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/26/05	8260b	---	2.6	84.9	84.8	83.6
Ethylbenzene	<1	µg/L	1	<1	05/26/05	8260b	---	3.1	102.6	97.6	102.7
m,p-Xylenes	<2	µg/L	2	<2	05/26/05	8260b	---	2.5	103	97.9	103.3
o-Xylene	<1	µg/L	1	<1	05/26/05	8260b	---	14.7	107.8	102.8	106.3
Toluene	<1	µg/L	1	<1	05/26/05	8260b	---	1.2	93.5	91.9	93.7

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Dale Wagner

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339
Sample Name: LS MW-12

Report#/Lab ID#: 167538
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91	70-130	---
Toluene-d8	8260b	102	80-127	---

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

Chain of Custody Form

2209 N. Padre Island Dr., Corpus Christi, TX 78408

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

T. 5.9°C



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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#: 170013 **Report Date:** 08/25/05
Project ID: 2003-00339
Sample Name: MW-1
Sample Matrix: water
Date Received: 08/18/2005 **Time:** 16:00
Date Sampled: 08/16/2005 **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	---		---		08/25/05	8260b(5030/5035)	---	---	---	---	---
Benzene	283	µg/L	50	<50	08/25/05	8260b	---	2.8	88.4	88.2	87.9
Ethylbenzene	45.7	µg/L	1	<1	08/25/05	8260b	---	3.5	99.6	101.6	97.6
m,p-Xylenes	31.1	µg/L	2	<2	08/25/05	8260b	---	4.2	99.4	101.6	97.6
o-Xylene	<1	µg/L	1	<1	08/25/05	8260b	J	3.8	91.3	89.6	88.7
Toluene	<1	µg/L	1	<1	08/25/05	8260b	---	2.6	95.1	94.3	93.8

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Respectfully Submitted,

Dale Wagner

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

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339
Sample Name: MW-1

Report#/Lab ID#: 170013
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.3	70-130	---
Toluene-d8	8260b	102	80-127	---

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

Exceptions Report:

Report #/Lab ID#: 170013 Matrix: water

Client: Environmental Plus, Inc.

Attn: Iain Olness

Project ID: 2003-00339

Sample Name: MW-1

Sample Temperature/Condition: $\leq 6^{\circ}\text{C}$

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

Sample Bottles & Preservation:

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

J flag Discussion:

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 170014 **Report Date:** 08/25/05
Project ID: 2003-00339
Sample Name: MW-2
Sample Matrix: water
Date Received: 08/18/2005 **Time:** 16:00
Date Sampled: 08/16/2005 **Time:** 12:30

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	---		---		08/25/05	8260b(5030/5035)	---	---	---	---	---
Benzene	422	µg/L	100	<100	08/25/05	8260b	---	2.8	88.4	88.2	87.9
Ethylbenzene	172	µg/L	1	<1	08/25/05	8260b	---	3.5	99.6	101.6	97.6
m,p-Xylenes	188	µg/L	2	<2	08/25/05	8260b	---	4.2	99.4	101.6	97.6
o-Xylene	14.1	µg/L	1	<1	08/25/05	8260b	---	3.8	91.3	89.6	88.7
Toluene	<1	µg/L	1	<1	08/25/05	8260b	J	2.6	95.1	94.3	93.8

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Dale Wagner

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Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339
Sample Name: MW-2

Report#/Lab ID#: 170014
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.2	70-130	---
Toluene-d8	8260b	98.2	80-127	---

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

Exceptions Report:

Report #/Lab ID#: 170014 **Matrix:** water

Client: Environmental Plus, Inc.

Attn: Iain Olness

Project ID: 2003-00339

Sample Name: MW-2

Sample Temperature/Condition: $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. 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
Toluene	J	See J-flag discussion above.

Notes:



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Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 170015 **Report Date:** 08/25/05
Project ID: 2003-00339
Sample Name: MW-3
Sample Matrix: water
Date Received: 08/18/2005 **Time:** 16:00
Date Sampled: 08/16/2005 **Time:** 07:30

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	---		---		08/24/05	8260b(5030/5035)	---	---	---	---	---
Benzene	28.3	µg/L	1	<1	08/24/05	8260b	---	2.8	88.4	88.2	87.9
Ethylbenzene	2.14	µg/L	1	<1	08/24/05	8260b	---	3.5	99.6	101.6	97.6
m,p-Xylenes	3.49	µg/L	2	<2	08/24/05	8260b	---	4.2	99.4	101.6	97.6
o-Xylene	<1	µg/L	1	<1	08/24/05	8260b	J	3.8	91.3	89.6	88.7
Toluene	<1	µg/L	1	<1	08/24/05	8260b	---	2.6	95.1	94.3	93.8

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Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339
Sample Name: MW-3

Report#/Lab ID#: 170015
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.3	70-130	---
Toluene-d8	8260b	101	80-127	---

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

Exceptions Report:

Report #/Lab ID#: 170015 Matrix: water

Client: Environmental Plus, Inc.

Attn: Iain Olness

Project ID: 2003-00339

Sample Name: MW-3

Sample Temperature/Condition: $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. 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
o-Xylene	J	See J-flag discussion above.

Notes:



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

Report#/Lab ID#: 170016 **Report Date:** 08/25/05
Project ID: 2003-00339
Sample Name: MW-4
Sample Matrix: water
Date Received: 08/18/2005 **Time:** 16:00
Date Sampled: 08/16/2005 **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	---		---		08/24/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/24/05	8260b	---	2.8	88.4	88.2	87.9
Ethylbenzene	<1	µg/L	1	<1	08/24/05	8260b	---	3.5	99.6	101.6	97.6
m,p-Xylenes	<2	µg/L	2	<2	08/24/05	8260b	---	4.2	99.4	101.6	97.6
o-Xylene	<1	µg/L	1	<1	08/24/05	8260b	---	3.8	91.3	89.6	88.7
Toluene	<1	µg/L	1	<1	08/24/05	8260b	---	2.6	95.1	94.3	93.8

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Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339
Sample Name: MW-4

Report#/Lab ID#: 170016
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90	70-130	---
Toluene-d8	8260b	101	80-127	---

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



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Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 170017 **Report Date:** 08/25/05
Project ID: 2003-00339
Sample Name: MW-7
Sample Matrix: water
Date Received: 08/18/2005 **Time:** 16:00
Date Sampled: 08/16/2005 **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	---		---		08/24/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/24/05	8260b	---	2.8	88.4	88.2	87.9
Ethylbenzene	<1	µg/L	1	<1	08/24/05	8260b	---	3.5	99.6	101.6	97.6
m,p-Xylenes	<2	µg/L	2	<2	08/24/05	8260b	---	4.2	99.4	101.6	97.6
o-Xylene	<1	µg/L	1	<1	08/24/05	8260b	---	3.8	91.3	89.6	88.7
Toluene	<1	µg/L	1	<1	08/24/05	8260b	---	2.6	95.1	94.3	93.8

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Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339
Sample Name: MW-7

Report#/Lab ID#: 170017
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.1	70-130	---
Toluene-d8	8260b	100	80-127	---

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



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Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 170018 **Report Date:** 08/25/05
Project ID: 2003-00339
Sample Name: MW-8
Sample Matrix: water
Date Received: 08/18/2005 **Time:** 16:00
Date Sampled: 08/16/2005 **Time:** 09:30

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		08/25/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/25/05	8260b	---	2.8	88.4	88.2	87.9
Ethylbenzene	<1	µg/L	1	<1	08/25/05	8260b	---	3.5	99.6	101.6	97.6
m,p-Xylenes	<2	µg/L	2	<2	08/25/05	8260b	---	4.2	99.4	101.6	97.6
o-Xylene	<1	µg/L	1	<1	08/25/05	8260b	---	3.8	91.3	89.6	88.7
Toluene	<1	µg/L	1	<1	08/25/05	8260b	---	2.6	95.1	94.3	93.8

QUALITY ASSURANCE DATA¹

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Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339
Sample Name: MW-8

Report#/Lab ID#: 170018
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.2	70-130	---
Toluene-d8	8260b	102	80-127	---

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



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Address: 2100 Ave. O
Eunice, NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 170019 **Report Date:** 08/25/05
Project ID: 2003-00339
Sample Name: MW-9
Sample Matrix: water
Date Received: 08/18/2005 **Time:** 16:00
Date Sampled: 08/16/2005 **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	---		---		08/25/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/25/05	8260b	J	2.8	88.4	88.2	87.9
Ethylbenzene	<1	µg/L	1	<1	08/25/05	8260b	---	3.5	99.6	101.6	97.6
m,p-Xylenes	<2	µg/L	2	<2	08/25/05	8260b	---	4.2	99.4	101.6	97.6
o-Xylene	<1	µg/L	1	<1	08/25/05	8260b	J	3.8	91.3	89.6	88.7
Toluene	<1	µg/L	1	<1	08/25/05	8260b	---	2.6	95.1	94.3	93.8

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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.



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: 2003-00339
Sample Name: MW-9

Report#/Lab ID#: 170019
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	84.7	70-130	---
Toluene-d8	8260b	103	80-127	---

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

Exceptions Report:

Report #/Lab ID#: 170019 Matrix: water

Client: Environmental Plus, Inc.

Attn: Iain Olness

Project ID: 2003-00339

Sample Name: MW-9

Sample Temperature/Condition: $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. 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.
o-Xylene	J	See J-flag discussion above.

Notes:



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(512) 385-5886 • FAX (512) 385-7411

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

Report#/Lab ID#: 170020 **Report Date:** 08/25/05
Project ID: 2003-00339
Sample Name: MW-10
Sample Matrix: water
Date Received: 08/18/2005 **Time:** 16:00
Date Sampled: 08/16/2005 **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	---		---		08/24/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/24/05	8260b	---	2.8	88.4	88.2	87.9
Ethylbenzene	<1	µg/L	1	<1	08/24/05	8260b	---	3.5	99.6	101.6	97.6
m,p-Xylenes	<2	µg/L	2	<2	08/24/05	8260b	---	4.2	99.4	101.6	97.6
o-Xylene	<1	µg/L	1	<1	08/24/05	8260b	---	3.8	91.3	89.6	88.7
Toluene	<1	µg/L	1	<1	08/24/05	8260b	---	2.6	95.1	94.3	93.8

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Respectfully Submitted,

Dale Wagner

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339
Sample Name: MW-10

Report#/Lab ID#: 170020
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.6	70-130	---
Toluene-d8	8260b	101	80-127	---

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



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(512) 385-5886 • FAX (512) 385-7411

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

Report#/Lab ID#: 170021 **Report Date:** 08/25/05
Project ID: 2003-00339
Sample Name: MW-11
Sample Matrix: water
Date Received: 08/18/2005 **Time:** 16:00
Date Sampled: 08/16/2005 **Time:** 11:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA ¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		08/25/05	8260b(5030/5035)	---	---	---	---	---
Benzene	1560	µg/L	50	<50	08/25/05	8260b	---	2.8	88.4	88.2	87.9
Ethylbenzene	755	µg/L	50	<50	08/25/05	8260b	---	3.5	99.6	101.6	97.6
m,p-Xylenes	94	µg/L	4	<4	08/25/05	8260b	---	4.2	99.4	101.6	97.6
o-Xylene	<2	µg/L	2	<2	08/25/05	8260b	J	3.8	91.3	89.6	88.7
Toluene	<2	µg/L	2	<2	08/25/05	8260b	---	2.6	95.1	94.3	93.8

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Dale Wagner

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Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339
Sample Name: MW-11

Report#/Lab ID#: 170021
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.3	70-130	---
Toluene-d8	8260b	102	80-127	---

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

Exceptions Report:

Report #/Lab ID#: 170021 Matrix: water

Client: Environmental Plus, Inc.

Attn: Iain Olness

Project ID: 2003-00339

Sample Name: MW-11

Sample Temperature/Condition: $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. 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
o-Xylene	J	See J-flag discussion above.

Notes:



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

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

Report#/Lab ID#: 170022 **Report Date:** 08/25/05
Project ID: 2003-00339
Sample Name: MW-12
Sample Matrix: water
Date Received: 08/18/2005 **Time:** 16:00
Date Sampled: 08/16/2005 **Time:** 11:30

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		08/24/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/24/05	8260b	---	2.8	88.4	88.2	87.9
Ethylbenzene	1.89	µg/L	1	<1	08/24/05	8260b	---	3.5	99.6	101.6	97.6
m,p-Xylenes	<2	µg/L	2	<2	08/24/05	8260b	---	4.2	99.4	101.6	97.6
o-Xylene	<1	µg/L	1	<1	08/24/05	8260b	---	3.8	91.3	89.6	88.7
Toluene	<1	µg/L	1	<1	08/24/05	8260b	---	2.6	95.1	94.3	93.8

QUALITY ASSURANCE DATA¹

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Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339
Sample Name: MW-12

Report#/Lab ID#: 170022
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	87.3	70-130	---
Toluene-d8	8260b	102	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#: 170023 **Report Date:** 08/25/05
Project ID: 2003-00339
Sample Name: MW-13
Sample Matrix: water
Date Received: 08/18/2005 **Time:** 16:00
Date Sampled: 08/16/2005 **Time:** 12:00

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	---		---		08/24/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/24/05	8260b	---	2.8	88.4	88.2	87.9
Ethylbenzene	<1	µg/L	1	<1	08/24/05	8260b	---	3.5	99.6	101.6	97.6
m,p-Xylenes	<2	µg/L	2	<2	08/24/05	8260b	---	4.2	99.4	101.6	97.6
o-Xylene	<1	µg/L	1	<1	08/24/05	8260b	---	3.8	91.3	89.6	88.7
Toluene	<1	µg/L	1	<1	08/24/05	8260b	---	2.6	95.1	94.3	93.8

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

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339
Sample Name: MW-13

Report#/Lab ID#: 170023
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.3	70-130	---
Toluene-d8	8260b	101	80-127	---


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

AnalySys Inc.

4221 Freidrich Lane, Suite 190, Austin, TX 78744
512-444-5896 FAX: 512-447-4766

2209 N. Padre Island Dr., Corpus Christi, TX 78408

Chain of Custody Form

Company Name		Environmental Plus, Inc.		Bill To										ANALYSIS REQUEST												
EPI Project Manager		Iain Olness		 Attn: ENV Accounts Receivable PO Box 4648, Houston, TX 77210-4648																						
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		Lea Station																								
Project Reference		2003-00339																								
EPI Sampler Name		George Blackburn																								
LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.			SAMPLING		BTEX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES (SO ₄ ²⁻)	pH	TCLP	OTHER >>>	PAH			
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME												
170013 ✓ 1	MW-1	G	4	X							X	X		16-Aug-05	7:00	X										
170014 ✓ 2	MW-2	G	4	X							X	X		16-Aug-05	12:30	X										
170015 ✓ 3	MW-3	G	4	X							X	X		16-Aug-05	7:30	X										
170016 ✓ 4	MW-4	G	4	X							X	X		16-Aug-05	8:30	X										
170017 ✓ 5	MW-7	G	4	X							X	X		16-Aug-05	9:00	X										
170018 ✓ 6	MW-8	G	4	X							X	X		16-Aug-05	9:30	X										
170019 ✓ 7	MW-9	G	4	X							X	X		16-Aug-05	10:00	X										
170020 ✓ 8	MW-10	G	4	X							X	X		16-Aug-05	10:30	X										
170021 ✓ 9	MW-11	G	4	X							X	X		16-Aug-05	11:00	X										
170022 ✓ 10	MW-12	G	4	X							X	X		16-Aug-05	11:30	X										

Sampler Relinquished:		Date: 8/17/05	Received By:	E-mail results to: iolness@envplus.net and cjreynolds@paalp.com REMARKS:
Relinquished by: <i>Iain Olness</i>		Time: 3:00	<i>Iain Olness</i>	
Received by: (lab staff)		Date: 8/17/05	Received By: <i>Graham Lea</i>	
Delivered by:		Sample Cool & Intact	Checked By:	
		Yes <i>(initials)</i>	No <i>(initials)</i>	


T=21°C

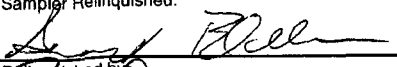
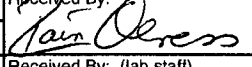
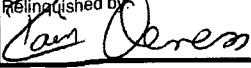
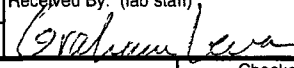

AnalySys Inc.

4221 Freidrich Lane, Suite 190, Austin, TX 78744
512-444-5896 FAX: 512-447-4766

2209 N. Padre Island Dr., Corpus Christi, TX 78408

Chain of Custody Form

Company Name		Environmental Plus, Inc.		Bill To				ANALYSIS REQUEST																								
EPI Project Manager		Iain Olness		 Attn: ENV Accounts Receivable PO Box 4648, Houston, TX 77210-4648																												
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		Lea Station																														
Project Reference		2003-00339																														
EPI Sampler Name		George Blackburn																														
LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.			SAMPLING		BTEX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES (SO ₄)	pH	TCLP	OTHER >>>	PAH									
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME																		
170023 ✓	1 MW-13	G	4	X								X	X			16-Aug-05	12:00	X														
	2																															
	3																															
	4																															
	5																															
	6																															
	7																															
	8																															
	9																															
	10																															

Sampler Relinquished:		Date: 8/17/05	Received By:	E-mail results to: iolness@envplus.net and cjreynolds@paalp.com REMARKS:
		Time: 2:00		
Relinquished by:		Date: 8/17/05	Received By: (lab staff)	
		Time: 1:00		
Delivered by:		Sample Cool & Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Checked By: 

T = 2.1°C



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#: 173945 **Report Date:** 12/02/05
Project ID: 2003-00339 Lea Station
Sample Name: MW-1
Sample Matrix: water
Date Received: 11/23/2005 **Time:** 10:30
Date Sampled: 11/18/2005 **Time:** 17:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA ¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/01/05	8260b(5030/5035)	---	---	---	---	---
Benzene	100	µg/L	1	<1	12/01/05	8260b	---	5.6	95.7	109.5	98
Ethylbenzene	34.9	µg/L	1	<1	12/01/05	8260b	---	3.1	109	111.8	109.3
m,p-Xylenes	22.9	µg/L	2	<2	12/01/05	8260b	---	1.3	105.3	112	109
o-Xylene	<1	µg/L	1	<1	12/01/05	8260b	J	1.4	104.4	111.2	108.2
Toluene	<1	µg/L	1	<1	12/01/05	8260b	---	4.7	104.9	114.6	102

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Richard Elton

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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: 2003-00339 Lea Station
Sample Name: MW-1

Report#/Lab ID#: 173945
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1,2-Dichloroethane-d4	8260b	88.6	70-130	12/01/05	---
Toluene-d8	8260b	97.4	80-127	12/01/05	---

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

Exceptions Report:

Report #/Lab ID#: 173945 Matrix: water

Client: Environmental Plus, Inc.

Attn: Iain Olness

Project ID: 2003-00339 Lea Station

Sample Name: MW-1

Sample Temperature/Condition: $\leq 6^{\circ}\text{C}$

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

Sample Bottles & Preservation:

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

J flag Discussion:

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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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#: 173946 **Report Date:** 12/02/05
Project ID: 2003-00339 Lea Station
Sample Name: MW-2
Sample Matrix: water
Date Received: 11/23/2005 **Time:** 10:30
Date Sampled: 11/18/2005 **Time:** 17:30

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	---		---		12/01/05	8260b(5030/5035)	---	---	---	---	---
Benzene	341	µg/L	2	<2	12/01/05	8260b	---	5.6	95.7	109.5	98
Ethylbenzene	168	µg/L	2	<2	12/01/05	8260b	---	3.1	109	111.8	109.3
m,p-Xylenes	121	µg/L	4	<4	12/01/05	8260b	---	1.3	105.3	112	109
o-Xylene	5.48	µg/L	2	<2	12/01/05	8260b	---	1.4	104.4	111.2	108.2
Toluene	<1	µg/L	1	<1	12/01/05	8260b	---	4.7	104.9	114.6	102

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. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Elton

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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: 2003-00339 Lea Station
Sample Name: MW-2

Report#/Lab ID#: 173946
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.8	70-130	12/01/05	---
Toluene-d8	8260b	97.8	80-127	12/01/05	---

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



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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#: 173947 **Report Date:** 12/02/05
Project ID: 2003-00339 Lea Station
Sample Name: MW-3
Sample Matrix: water
Date Received: 11/23/2005 **Time:** 10:30
Date Sampled: 11/18/2005 **Time:** 18:00

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	---		---		11/30/05	8260b(5030/5035)	---	---	---	---	---
Benzene	1.29	µg/L	1	<1	11/30/05	8260b	---	5.6	95.7	109.5	98
Ethylbenzene	<1	µg/L	1	<1	11/30/05	8260b	---	3.1	109	111.8	109.3
m,p-Xylenes	<2	µg/L	2	<2	11/30/05	8260b	---	1.3	105.3	112	109
o-Xylene	<1	µg/L	1	<1	11/30/05	8260b	---	1.4	104.4	111.2	108.2
Toluene	<1	µg/L	1	<1	11/30/05	8260b	---	4.7	104.9	114.6	102

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Respectfully Submitted,

Richard Elton

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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: 2003-00339 Lea Station
Sample Name: MW-3

Report#/Lab ID#: 173947
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.9	70-130	11/30/05	---
Toluene-d8	8260b	100	80-127	11/30/05	---

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



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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#: 173948 **Report Date:** 12/02/05
Project ID: 2003-00339 Lea Station
Sample Name: MW-11
Sample Matrix: water
Date Received: 11/23/2005 **Time:** 10:30
Date Sampled: 11/18/2005 **Time:** 18:30

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	---		---		12/01/05	8260b(5030/5035)	---	---	---	---	---
Benzene	651	µg/L	5	<5	12/01/05	8260b	---	5.6	95.7	109.5	98
Ethylbenzene	364	µg/L	5	<5	12/01/05	8260b	---	3.1	109	111.8	109.3
m,p-Xylenes	46.7	µg/L	10	<10	12/01/05	8260b	---	1.3	105.3	112	109
o-Xylene	<1	µg/L	1	<1	12/01/05	8260b	J	1.4	104.4	111.2	108.2
Toluene	<1	µg/L	1	<1	12/01/05	8260b	J	4.7	104.9	114.6	102

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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.
Attn: Iain Olness

Project ID: 2003-00339 Lea Station
Sample Name: MW-11

Report#/Lab ID#: 173948
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1,2-Dichloroethane-d4	8260b	123	70-130	12/01/05	---
Toluene-d8	8260b	95.7	80-127	12/01/05	---

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

Exceptions Report:

Report #/Lab ID#: 173948 **Matrix:** water

Client: Environmental Plus, Inc.

Attn: Iain Olness

Project ID: 2003-00339 Lea Station

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
o-Xylene	J	See J-flag discussion above.
Toluene	J	See J-flag discussion above.

Notes:

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#: 173949 **Report Date:** 12/02/05
Project ID: 2003-00339 Lea Station
Sample Name: MW-12
Sample Matrix: water
Date Received: 11/23/2005 **Time:** 10:30
Date Sampled: 11/18/2005 **Time:** 19:00

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	---		---		11/30/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/30/05	8260b	---	5.6	95.7	109.5	98
Ethylbenzene	<1	µg/L	1	<1	11/30/05	8260b	---	3.1	109	111.8	109.3
m,p-Xylenes	<2	µg/L	2	<2	11/30/05	8260b	---	1.3	105.3	112	109
o-Xylene	<1	µg/L	1	<1	11/30/05	8260b	---	1.4	104.4	111.2	108.2
Toluene	<1	µg/L	1	<1	11/30/05	8260b	---	4.7	104.9	114.6	102

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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.
Attn: Iain Olness

Project ID: 2003-00339 Lea Station
Sample Name: MW-12

Report#/Lab ID#: 173949
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Date Analyze	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.9	70-130	11/30/05	---
Toluene-d8	8260b	98.4	80-127	11/30/05	---


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

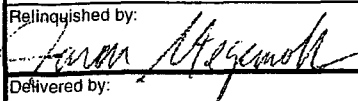
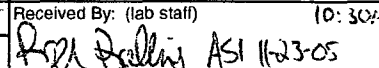
AnalySys Inc.

4221 Freidrich Lane, Suite 190, Austin, TX 78744
512-444-5896 FAX: 512-447-4766

2209 N. Padre Island Dr., Corpus Christi, TX 78408

Chain of Custody Form

Company Name		Environmental Plus, Inc.		Bill To										ANALYSIS REQUEST														
EPI Project Manager		Iain Olness		 <p>Attn: ENV Accounts Receivable PO Box 4648, Houston, TX 77210-4648</p>																								
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		Lea Station																										
Project Reference		2003-00339																										
EPI Sampler Name		George Blackburn																										
LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.			SAMPLING		BTX 8021B	TPH 8015M	CHLORIDES (Cl ⁻)	SULFATES (SO ₄ ²⁻)	pH	TCLP	OTHER >>>	PAH							
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE													TIME		
1	MW-1 173945	G	4	X						X	X		18-Nov-05	17:00	X													
2	MW-2 173946	G	4	X						X	X		18-Nov-05	17:30	X													
3	MW-3 173947	G	4	X						X	X		18-Nov-05	18:00	X													
4	MW-11 173948	G	4	X						X	X		18-Nov-05	18:30	X													
5	MW-12 173949	G	4	X						X	X		18-Nov-05	19:00	X													
6																												
7																												
8																												
9																												
10																												

Sampler Relinquished:		Date	Received By:		E-mail results to: iolness@envplus.net and cjreynolds@paalp.com	
		Time				
Relinquished by:		Date	Received By: (lab staff)			
		7-22-05	 ASI 11-23-05		REMARKS:	
Delivered by:		Time	Checked By:			
		4:15 P	Sample Cool & Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

Temp: 2.1°



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

January 27, 2006

Ms. Camille Reynolds
Plains Pipeline
3112 West Highway 82
Lovington, NM 88260

RE: Lea Station Landfarm – Discharge Permit #GW-351
Annual Report – 2005, Dated January 4, 2006
W/2 NW/4 of Section 28, Township 20 South, Range 37 East
NMPM, Lea County, New Mexico

Dear Ms. Reynolds:

The New Mexico Oil Conservation Division (NMOCD) has received and reviewed the above report, filed on behalf of Plains Pipeline, L.P. (Plains) by Environmental Plus, Inc. The NMOCD hereby accepts this report with the following conditions:

1. Plains intends to move (stockpile) remediated soils into a clean staging area located near the entrance to the facility.
2. Plains then intends to use this remediated soil as backfill at Plains remediation sites.
3. Plains will not use this soil for any purpose other than that shown in #2 above.
4. Soils from sectors C1 through C5 of Cell-C and sectors E2 and E7 through E9 of Cell-E may be used for such purposes. These are the soils that have attained a remediation level of 100 ppm of total petroleum hydrocarbons (TPH) or less.
5. Soils that have not attained a remediation level of 100 ppm TPH or less may not be used for such purposes. Soils that fall into this category include sectors E4 (101 ppm TPH) and C9 (103 ppm TPH). Remediated soils from these sectors may not be removed and used as backfill until they have attained 100 ppm TPH or less.

If you have any questions, contact me at (505) 476-3492 or ed.martin@state.nm.us

NEW MEXICO OIL CONSERVATION DIVISION

Edwin E. Martin
Environmental Bureau



**PLAINS
PIPELINE**

January 4, 2006

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

RECEIVED

JAN 9 2006

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

Re: Plains Pipeline Lea Station Landfarm - GW-351
Annual Report
W ½ of the NW ¼ of Section 28, Township 20 South, Range 37 East
Lea County, New Mexico

Dear Mr. Martin:

Please find the attached Annual Report, dated December 2005, for the Plains Lea Station Landfarm located in Section 28 of Township 20 South, and Range 37 East of Lea County, New Mexico. This report details activities conducted in accordance with the rules and regulations of the New Mexico Oil Conservation Division during the 2005 calendar year at the Plains Pipeline Lea Station Landfarm.

Should you have any questions or comments, please contact me at (505) 441-0965.

Sincerely,

Camille Reynolds

Camille Reynolds
Remediation Coordinator
Plains All American Pipeline

Enclosure



ENVIRONMENTAL PLUS, INC.

STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES

Micro-Blaze

Micro-Blaze Out™

January 4, 2006

Ed Martin
Environmental Specialist
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Annual Report-2005
Plains Pipeline, L.P. (Company #231735),
Lea Station Landfarm - Discharge Permit #GW-351, (Ref. #2004-00061)
W½ of the NW¼ of Section 28, Township 20 South, Range 37 East, Lea County, New Mexico
Latitude: 32° 32' 56"N and Longitude: 103° 15' 45"W

Dear Mr. Martin:

Environmental Plus, Inc. (EPI), on behalf of Plains Pipeline, L.P. (Plains), submits this *Annual Report* for the Plains Lea Station Landfarm being operated and maintained in accordance with New Mexico Oil Conservation Division (NMOCD) Discharge Permit #GW-351. The landfarm is operated by Plains as a "centralized" facility for Plains use only.

DISPOSAL VOLUME

As of December 31, 2005, a total of 39,629 cubic yards (yd³) of crude oil impacted soils from within the Plains crude oil transmission system have been emplaced in Cell-E, Cell-C and Cell-B.

MAINTENANCE

Within 72-hours of being dumped, the soil piles were pushed down and contoured into the lift. Disking of the landfarmed soil occurred every 2-weeks. In August 2005, to accelerate attenuation, the impacted soils in Cell-E and Cell-C were processed with a soil pulverizing unit.

TREATMENT ZONE MONITORING

On January 16, 2004, prior to initial waste receipt on January 27, 2004, a single soil sample was collected from the treatment zone from an undisturbed location within the landfarm area to establish background concentrations of NMOCD constituents of concern (CoCs) as listed below:

- Total petroleum hydrocarbons (TPH);
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX);
- Anions and cations; and
- RCRA metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver).

Analytical results indicated TPH was not detected at or above the method detection limits. The anions and cations and RCRA metals concentrations were typical of undisturbed soil (Reference *Table 1*).

Analytical results (attached) for samples collected on August 31, 2004 from the treatment zones of the active landfarm cells, (i.e., Cell-C and Cell-E) indicate TPH and BTEX were not detected above each analytes respective method detection limit.

Analytical results for samples collected on October 28, 2005 from the treatment zones of the active landfarm cells, (i.e., Cell-B, Cell-C and Cell-E) indicated TPH and BTEX were not detected at or above each analytes respective method detection limit.

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The calcium and sodium concentrations in each sample were higher than the background concentrations and was due to the sample matrix being composed of a calcium carbonate based caliche rather than the sand matrix that made up the background sample. The highest chloride concentration was 20.9 mg/Kg from the Cell-E treatment zone sample and is nominally higher than the background chloride concentration of 10.6 mg/Kg.

LIFT ZONE MONITORING

On May 12, 2005, 17 equally spaced grab samples were collected from the Cell-E soil lift and submitted to the laboratory for quantification of TPH, BTEX and chloride (reference *Figure 1*). Each grab sample was collected from the surface of the soil lift to a depth of approximately 8-inches, (i.e., the thickness of the soil lift) and represented between 300 and 400 yd³ of soil. TPH concentrations ranged from 2,550 mg/Kg in sample E17, consisting of the most recently emplaced soil, to non-detectable at or above the method detection limit of 10.0 mg/Kg in samples E5, E6 and E14. BTEX was detected in the E17 sample at 0.110 mg/Kg, below the 50 mg/Kg NMOCD remedial goal concentration. BTEX compounds were not detected in the other samples. Chloride concentrations ranged from 0.5 mg/Kg in samples E2 and E7 to 67.2 mg/Kg in the E1 sample. (Reference *Table 2* and *Figure 1*)

On September 8, 2005, to assess the remediation status of the impacted soil after being processed in August 2005, nine equally spaced grab samples were collected from the Cell-E and Cell-C sampling sector grids and submitted to the laboratory for quantification of TPH. Each sampling sector in Cell-E represented between 500 and 700 yd³ of soil and each sampling sector in Cell-C represented between 700 and 900 yd³. TPH concentrations in the Cell-E sampling sectors E2, E7, E8 and E9 were less than the 100 mg/Kg NMOCD remedial goal, while sectors E1 (TPH-128 mg/Kg), E3 (TPH-239 mg/Kg), E4 (TPH-101 mg/Kg), E5 (TPH-165 mg/Kg) and E6 (TPH-493 mg/Kg) were above the remedial goal. The organic vapor headspace readings, submitted in lieu of laboratory BTEX analyses, ranged from 3.1 ppm in sector E8 to 6.5 ppm in sector E7, below the NMOCD acceptable level of 100 ppm (reference *Table 2* and *Figure 2*). TPH concentrations in the Cell-C sampling sectors C1 through C5 were less than the 100 mg/Kg NMOCD remedial goal, while sectors C6 (TPH-337 mg/Kg), C7 (TPH-632 mg/Kg), C8 (TPH-855 mg/Kg), and C9 (TPH-105 mg/Kg) were above the remedial goal. The organic vapor headspace readings ranged from 6 ppm in sector C8 to 20.2 ppm in sector C6, below the NMOCD acceptable level of 100 ppm (reference *Table 2* and *Figure 3*).

CONCLUSIONS

Laboratory results from analysis of treatment zone and lift zone samples support the conclusion that the treatment zone remains unaffected by soil emplacement and tilling and impacted soils continue to attenuate. The analytical results from lift samples collected after the August 2005 soil processing event indicates the impacted soils in sectors C1 through C5 of Cell-C and sectors E2 and E7 through E9 of Cell-E have attenuated to below the NMOCD remedial goals. The TPH concentrations reported for the soils in sectors E4 (101 mg/Kg TPH) and C9 (103 mg/Kg TPH) are nominally higher than the NMOCD remedial goal and are within the margin of error of the laboratory equipment.

RECOMMENDATIONS

Given the impacted soils in sectors C1 through C5 of Cell-C and sectors E2 and E7 through E9 of Cell-E have attenuated to below the NMOCD remedial goals and the soils in sector E4 and C9 are just above the NMOCD remedial goal, it is recommended these remediated soils be removed from the respective landfarm cells into a clean soil staging area to be located near the entrance of Cell-D (currently inactive) and be utilized as clean backfill at Plains sites.

Should you have any questions or concerns, please call Mr. Iain Olness or myself at (505) 394-3481.

Sincerely,



Pat McCasland
EPI Consultant

cc: Jeff Dann, Plains (JPDann@paalp.com)
Camille Reynolds, Plains (CJReynolds@paalp.com)
file

Enclosures:

TABLES

Table 1: Treatment Zone Analytical Results

Table 2: Lift Zone Analytical Results

LABORATORY ANALYTICAL REPORTS

FIGURES

Figure 1: Cell-E Lift Sample Location Map – May 12, 2005

Figure 2: Cell-E Lift Sample Location Map – September 8, 2005

Figure 3: Cell-C Lift Sample Location Map – September 8, 2005

Figure 4: Lea Station Landfarm Survey Map

PHOTOGRAPHS

TABLES

Table 1
Plains Pipeline, L.P. Lea Station Landfarm
Treatment Zone Analytical Results

Sample Date		1/16/2004	8/31/2004		10/28/2005		
Landfarm Cell		Background	C	E	B	C	E
Sample ID#		CESLELSLF11604BGS	SPLSLF83104CC-4'	SPLSLF83104CE-4'	Cell B Treatment Zone	Cell C Treatment Zone	Cell E Treatment Zone
Location		Background	Treatment Zone	Treatment Zone	Treatment Zone	Treatment Zone	Treatment Zone
Description		Reddish Sand	Tan Caliche Sand	Tan Caliche Sand	Tan Caliche Sand	Tan Caliche Sand	Tan Caliche Sand
Sampling Interval (feet-bgs) ¹		3.5-4.0	3.5-4.0	3.5-4.0	3.5-4.0	3.5-4.0	3.5-4.0
GRO ²	mg/Kg	<5.0	<5.0	<5.0	<10.0	<10.0	<10.0
DRO ³	mg/Kg	<2.5	<2.5	<2.5	<10.0	<10.0	<10.0
TPH ⁴	mg/Kg	<5.0	<5.0	<5.0	<10.0	<10.0	<10.0
VOC ⁵	ppm	na	na	na	0.80	1.20	0.30
BTEX ⁶	mg/Kg	<0.040	<0.040	<0.040	0.12	<0.025	<0.025
Benzene	mg/Kg	<0.020	<0.020	<0.020	<0.025	<0.025	<0.025
Toluene	mg/Kg	<0.020	<0.020	<0.020	0.0159 J ⁷	<0.025	<0.025
Ehtylbenzene	mg/Kg	<0.020	<0.020	<0.020	0.03	<0.025	<0.025
m,p-Xylene	mg/Kg	<0.040	<0.040	<0.040	0.09	0.0235 J	<0.025
o-Xylene	mg/Kg	<0.020	<0.020	<0.020	0.0190 J	<0.025	<0.025
Chloride (Cl ⁻)	mg/Kg	10.6	na ⁸	na	9.37	7.74	20.9
Sulfate (SO ₄)	mg/Kg	<5	na	na	24.4	23.1	35.2
Total Alkalynity	mg/Kg	<50	na	na	433	433	1,580
Carbonate Alkalynity	mg/Kg	<50	na	na	nr ⁹	nr	nr
Bicarbonate Alkalynity	mg/Kg	<50	na	na	nr	nr	nr
Arsenic (As)	mg/Kg	<1	na	na	<0.400	<0.400	1.36
Barium (Ba)	mg/Kg	15.2	na	na	35.8	47.4	111.00
Cadmium (Cd)	mg/Kg	<2	na	na	0.42	0.97	1.13
Calcium (Ca)	mg/Kg	664	na	na	30,400	20,800	89,900

¹bgs = below ground surface

²GRO-Gasoline Range Organics C₆-C₁₂

³DRO-Diesel Range Organics C₁₂-C₃₅

⁴TPH-Total Petroleum Hydrocarbon = GRO+DRO.

⁵VOC = Volatile Organic Constituents

⁶BTEX - Mass sum of benzene, toluene, ethylbenzene and total xylenes

⁷J= Estimated value, analyte detected but less than reporting limit

⁸na = not analyzed

⁹nr = not reported separately for the sample

Table 1
Plains Pipeline, L.P. Lea Station Landfarm
Treatment Zone Analytical Results

Sample Date Landfarm Cell Sample ID# Location Description Sampling Interval (feet-bgs ¹)		1/16/2004	8/31/2004		10/28/2005		
		Background	C	E	B	C	E
		CESLELSLF11604BGS	SPLSLF83104CC-4'	SPLSLF83104CE-4'	Cell B Treatment Zone	Cell C Treatment Zone	Cell E Treatment Zone
		Background	Treatment Zone	Treatment Zone	Treatment Zone	Treatment Zone	Treatment Zone
		Reddish Sand	Tan Caliche Sand	Tan Caliche Sand	Tan Caliche Sand	Tan Caliche Sand	Tan Caliche Sand
		3.5-4.0	3.5-4.0	3.5-4.0	3.5-4.0	3.5-4.0	3.5-4.0
Chromium (Cr)	mg/Kg	4.42	na	na	1.43	3.81	3.52
Lead (Pb)	mg/Kg	<1	na	na	2.30	<0.550	2.80
Magnesium (Mg)	mg/Kg	1,540	na	na	1,350	902	3,680
Mercury (Hg)	mg/Kg	<0.04	na	na	0.01230 J	0.02204 J	0.01847 J
Potassium (K)	mg/Kg	744	na	na	235	238	506
Selenium (Se)	mg/Kg	<1	na	na	<0.200	<0.200	<0.200
Silver (Ag)	mg/Kg	1.02	na	na	<0.025	<0.025	<0.025
Sodium (Na)	mg/Kg	30.1	na	na	1,420	1,700	2,670
Aluminum (Al)	mg/Kg	2,640	na	na	na	na	na
Beryllium (Be)	mg/Kg	<2	na	na	na	na	na
Boron (B)	mg/Kg	<1	na	na	na	na	na
Cobalt (Co)	mg/Kg	<1	na	na	na	na	na
Copper (Cu)	mg/Kg	<1	na	na	na	na	na
Iron (Fe)	mg/Kg	2,390	na	na	na	na	na
Manganese (Mn)	mg/Kg	38.4	na	na	na	na	na
Molybdenum (Mo)	mg/Kg	<1	na	na	na	na	na
Nickle (Ni)	mg/Kg	1.85	na	na	na	na	na
Strontium (Sr)	mg/Kg	5.94	na	na	na	na	na
Tin (Sn)	mg/Kg	<1	na	na	na	na	na
Vanadium (V)	mg/Kg	6.03	na	na	na	na	na
Zinc (Zn)	mg/Kg	5.66	na	na	na	na	na

¹bgs = below ground surface

²GRO-Gasoline Range Organics C₆-C₁₂

³DRO-Diesel Range Organics C₁₂-C₃₅

⁴TPH-Total Petroleum Hydrocarbon = GRO+DRO.

⁵VOC = Volatile Organic Constituents

⁶BTEX - Mass sum of benzene, toluene, ethylbenzene and total xylenes

⁷J= Estimated value, analyte detected but less than reporting limit

⁸na = not analyzed

⁹nr = not reported separately for the sample

Table 2

Plains Pipeline, L.P. Lea Station Landfarm

Lift Zone Analytical Results

Landfarm		SAMPLE ID#	Description	Sampling Interval	Date	VOC ²	GRO ³	DRO ⁴	TPH ⁵	BTEX ⁶	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	Chloride (Cl)
Cell	Sector			feet-bgs ¹		ppm	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
C	C1	PLSLF9805C1	Lift	0-1	9/8/2005	10.4	<10	<10	<10	na ⁷	na	na	na	na	na	na
	C2	PLSLF9805C2	Lift	0-1	9/8/2005	8.3	5.99 J ⁸	39.5	39.5	na	na	na	na	na	na	na
	C3	PLSLF9805C3	Lift	0-1	9/8/2005	16.2	8.93 J	50	50.0	na	na	na	na	na	na	na
	C4	PLSLF9805C4	Lift	0-1	9/8/2005	8.6	7.19 J	90.6	90.6	na	na	na	na	na	na	na
	C5	PLSLF9805C5	Lift	0-1	9/8/2005	10.5	<10	<10	<10	na	na	na	na	na	na	na
	C6	PLSLF9805C6	Lift	0-1	9/8/2005	20.2	25.2	312	337	na	na	na	na	na	na	na
	C7	PLSLF9805C7	Lift	0-1	9/8/2005	12.9	20.2	612	632	na	na	na	na	na	na	na
	C8	PLSLF9805C8	Lift	0-1	9/8/2005	6	5.49 J	855	855	na	na	na	na	na	na	na
	C9	PLSLF9805C9	Lift	0-1	9/8/2005	7	5.44 J	103	103	na	na	na	na	na	na	na
E	E1	PLSLF51205CE-E1	Lift	0-1	5/12/2005	na	10.3	1,590	1,600	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	67.2
		PLSLF51205CE-E2	Lift	0-1	5/12/2005	na	8.71 J	883	883	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.5
		PLSLF9805E1	Lift	0-1	9/8/2005	6.4	<10	128	128	na	na	na	na	na	na	na
	E2	PLSLF51205CE-F9	Lift	0-1	5/12/2005	na	12	2,120	2,130	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.9
		PLSLF51205CE-E10	Lift	0-1	5/12/2005	na	<10	334	334	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	1.8
		PLSLF51205CE-E11	Lift	0-1	5/12/2005	na	21.9	1,550	1,570	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	31.9
		PLSLF9805E2	Lift	0-1	9/8/2005	5.2	<10	31.3	31.3	na	na	na	na	na	na	na
	E3	PLSLF51205CE-E17	Lift	0-1	5/12/2005	na	73.9	2,480	2,550	0.110	<0.025	0.0126 J	0.033	0.047	0.029	30.3
		PLSLF9805E3	Lift	0-1	9/8/2005	4.3	8.52 J	239	239	na	na	na	na	na	na	na
	E4	PLSLF51205CE-E12	Lift	0-1	5/12/2005	na	6.57 J	1,180	1,180	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	30.6
		PLSLF51205CE-E15	Lift	0-1	5/12/2005	na	5.84 J	759	759	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.8
		PLSLF51205CE-E16	Lift	0-1	5/12/2005	na	12.3	1,700	1,710	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	1.9
		PLSLF9805E4	Lift	0-1	9/8/2005	5.8	<10	101	101	na	na	na	na	na	na	na
	E5	PLSLF51205CE-E7	Lift	0-1	5/12/2005	na	5.09 J	151	151	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.5
		PLSLF51205CE-E8	Lift	0-1	5/12/2005	na	29.2	1,680	1,710	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	3.1
		PLSLF9805E5	Lift	0-1	9/8/2005	5	10.3	154	164	na	na	na	na	na	na	na

¹bgs – below ground surface²VOC – Volatile Organic Contaminants/Constituents³GRO - Gasoline Range Organics C₆-C₁₂⁴DRO - Diesel Range Organics C₁₂-C₃₅⁵TPH - Total Petroleum Hydrocarbon = GRO+DRO.⁶BTEX - Mass sum of benzene, toluene, ethylbenzene, and xylenes⁷na = not analyzed⁸J = Estimated value, analyte detected but less than the reporting limit

Table 2

Plains Pipeline, L.P. Lea Station Landfarm

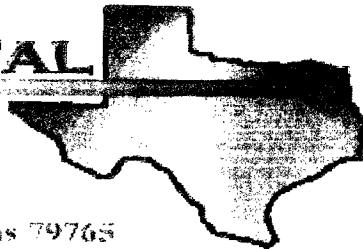
Lift Zone Analytical Results

Landfarm		SAMPLE ID#	Description	Sampling Interval	Date	VOC ²	GRO ³	DRO ⁴	TPH ⁵	BTEX ⁶	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	Chloride (Cl)
Cell	Sector			feet-bgs ¹		ppm	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
E	E6	PLSLF51205CE-E3	Lift	0-1	5/12/2005	na	11.7	1,940	1,950	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	1.4
		PLSLF9805E6	Lift	0-1	9/8/2005	4.7	12.5	480	493	na	na	na	na	na	na	na
	E7	PLSLF51205CE-E13	Lift	0-1	5/12/2005	na	<10	12.9	12.9	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	1.1
		PLSLF51205CE-E14	Lift	0-1	5/12/2005	na	<10	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.9
		PLSLF9805E7	Lift	0-1	9/8/2005	6.5	<10	<10	<10	na	na	na	na	na	na	na
	E8	PLSLF51205CE-E6	Lift	0-1	5/12/2005	na	<10	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	26.1
		PLSLF9805E8	Lift	0-1	9/8/2005	3.1	<10	<10	<10	na	na	na	na	na	na	na
	E9	PLSLF51205CE-E4	Lift	0-1	5/12/2005	na	23	2,190	2,210	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	2.9
	E9	PLSLF51205CE-E5	Lift	0-1	5/12/2005	na	<10	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	2.8
	E9	PLSLF9805E9	Lift	0-1	9/8/2005	5.5	<10	21.3	21.3	na	na	na	na	na	na	na

¹bgs – below ground surface²VOC – Volatile Organic Contaminants/Constituents³GRO – Gasoline Range Organics C₆-C₁₂⁴DRO – Diesel Range Organics C₁₂-C₃₅⁵TPH – Total Petroleum Hydrocarbon = GRO+DRO.⁶BTEX – Mass sum of benzene, toluene, ethylbenzene, and xylenes⁷na = not analyzed⁸J = Estimated value, analyte detected but less than the reporting limit

LABORATORY ANALYTICAL REPORTS

ENVIRONMENTAL LAB OF



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Camille Reynolds

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Lea Station Landfarm

Project Number: 2004-00061

Location: Sect. 28, T 20 S, R 37 E

Lab Order Number: 5J31007

Report Date: 11/11/05

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Lea Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
11/11/05 11:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Cell B Treatment Zone	5J31007-01	Soil	10/28/05 09:30	10/31/05 13:00
Cell C Treatment Zone	5J31007-02	Soil	10/28/05 08:30	10/31/05 13:00
Cell E Treatment Zone	5J31007-03	Soil	10/28/05 07:30	10/31/05 13:00

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Lea Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
11/11/05 11:14

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cell B Treatment Zone (5J31007-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EK50407	11/04/05	11/04/05	EPA 8021B	
Toluene	J [0.0159]	0.0250	"	"	"	"	"	"	J
Ethylbenzene	0.0273	0.0250	"	"	"	"	"	"	
Xylene (p/m)	0.0896	0.0250	"	"	"	"	"	"	
Xylene (o)	J [0.0190]	0.0250	"	"	"	"	"	"	J
Surrogate: a,a,a-Trifluorotoluene		81.1 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.9 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EK50116	11/01/05	11/03/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		83.4 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		88.2 %	70-130		"	"	"	"	
Cell C Treatment Zone (5J31007-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EK50407	11/04/05	11/04/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	J [0.0235]	0.0250	"	"	"	"	"	"	J
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		84.2 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.7 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EK50116	11/01/05	11/03/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		81.8 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		88.8 %	70-130		"	"	"	"	
Cell E Treatment Zone (5J31007-03) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EK50407	11/04/05	11/04/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		84.2 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.0 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EK50116	11/01/05	11/03/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	

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Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Lea Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
11/11/05 11:14

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cell E Treatment Zone (5J31007-03) Soil									
Surrogate: 1-Chlorooctane		118 %	70-130		EK50116	11/01/05	11/03/05	EPA 8015M	
Surrogate: 1-Chlorooctadecane		101 %	70-130		"	"	"	"	

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Reported:
11/11/05 11:14

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cell B Treatment Zone (5J31007-01) Soil									
Total Alkalinity	433	6.66	mg/kg	3.33	EK50820	10/31/05	11/01/05	EPA 310.2M	
Chloride	9.37	5.00	"	10	EK50705	11/04/05	11/07/05	EPA 300.0	
% Moisture	6.5	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
Sulfate	24.4	5.00	mg/kg	10	EK50705	11/04/05	11/07/05	EPA 300.0	
Cell C Treatment Zone (5J31007-02) Soil									
Total Alkalinity	433	6.66	mg/kg	3.33	EK50820	10/31/05	11/01/05	EPA 310.2M	
Chloride	7.74	5.00	"	10	EK50705	11/04/05	11/07/05	EPA 300.0	
% Moisture	7.0	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
Sulfate	23.1	5.00	mg/kg	10	EK50705	11/04/05	11/07/05	EPA 300.0	
Cell E Treatment Zone (5J31007-03) Soil									
Total Alkalinity	1580	6.66	mg/kg	3.33	EK50820	10/31/05	11/01/05	EPA 310.2M	
Chloride	20.9	5.00	"	10	EK50705	11/04/05	11/07/05	EPA 300.0	
% Moisture	29.6	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
Sulfate	35.2	5.00	mg/kg	10	EK50705	11/04/05	11/07/05	EPA 300.0	

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Project Number: 2004-00061
Project Manager: Camille Reynolds

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Reported:
11/11/05 11:14

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Cell B Treatment Zone (5J31007-01) Soil

Silver	ND	0.250	mg/kg dry	50	EK50201	11/01/05	11/01/05	EPA 6010B	
Arsenic	ND	0.400	"	"	"	"	"	"	
Barium	35.8	0.0500	"	"	"	"	"	6010B	
Calcium	30400	50.0	"	5000	EK50911	11/09/05	11/09/05	EPA 6010B	
Magnesium	1350	1.00	"	1000	"	"	"	"	
Potassium	235	5.00	"	100	"	"	"	"	
Sodium	1420	10.0	"	1000	"	"	"	"	
Cadmium	0.423	0.0500	"	50	EK50201	11/01/05	11/01/05	"	
Chromium	1.43	0.250	"	"	"	"	"	"	
Mercury	J [0.01230]	0.02500	"	"	EK50211	10/31/05	11/01/05	7471	J
Lead	2.30	0.550	"	"	EK50201	11/01/05	11/01/05	EPA 6010B	
Selenium	ND	0.200	"	"	"	"	"	"	

Cell C Treatment Zone (5J31007-02) Soil

Silver	ND	0.250	mg/kg dry	50	EK50201	11/01/05	11/01/05	EPA 6010B	
Arsenic	ND	0.400	"	"	"	"	"	"	
Barium	47.4	0.0500	"	"	"	"	"	6010B	
Calcium	20800	50.0	"	5000	EK50911	11/09/05	11/09/05	EPA 6010B	
Magnesium	902	1.00	"	1000	"	"	"	"	
Potassium	238	5.00	"	100	"	"	"	"	
Sodium	1700	10.0	"	1000	"	"	"	"	
Cadmium	0.973	0.0500	"	50	EK50201	11/01/05	11/01/05	"	
Chromium	3.81	0.250	"	"	"	"	"	"	
Mercury	J [0.02204]	0.02500	"	"	EK50211	10/31/05	11/01/05	7471	J
Lead	ND	0.550	"	"	EK50201	11/01/05	11/01/05	EPA 6010B	
Selenium	ND	0.200	"	"	"	"	"	"	

Cell E Treatment Zone (5J31007-03) Soil

Silver	ND	0.250	mg/kg dry	50	EK50201	11/01/05	11/01/05	EPA 6010B	
Arsenic	1.36	0.400	"	"	"	"	"	"	
Barium	111	0.0500	"	"	"	"	"	6010B	
Calcium	89900	200	"	20000	EK50911	11/09/05	11/09/05	EPA 6010B	
Magnesium	3680	1.00	"	1000	"	"	"	"	
Potassium	506	5.00	"	100	"	"	"	"	
Sodium	2670	10.0	"	1000	"	"	"	"	
Cadmium	1.13	0.0500	"	50	EK50201	11/01/05	11/01/05	"	
Chromium	3.52	0.250	"	"	"	"	"	"	
Mercury	J [0.01847]	0.02500	"	"	EK50211	10/31/05	11/01/05	7471	J

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Project: Lea Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
11/11/05 11:14

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cell E Treatment Zone (5J31007-03) Soil									
Lead	2.80	0.550	mg/kg dry	50	EK50201	11/01/05	11/01/05	EPA 6010B	
Selenium	ND	0.200	"	"	"	"	"	"	

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Project: Lea Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
11/11/05 11:14

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EK50116 - Solvent Extraction (GC)

Blank (EK50116-BLK1)

Prepared: 11/01/05 Analyzed: 11/03/05

Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	48.0		mg/kg	50.0		96.0	70-130			
Surrogate: 1-Chlorooctadecane	46.8		"	50.0		93.6	70-130			

LCS (EK50116-BS1)

Prepared: 11/01/05 Analyzed: 11/03/05

Gasoline Range Organics C6-C12	444	10.0	mg/kg wet	500		88.8	75-125			
Diesel Range Organics >C12-C35	379	10.0	"	500		75.8	75-125			
Total Hydrocarbon C6-C35	823	10.0	"	1000		82.3	75-125			
Surrogate: 1-Chlorooctane	54.8		mg/kg	50.0		110	70-130			
Surrogate: 1-Chlorooctadecane	51.9		"	50.0		104	70-130			

Calibration Check (EK50116-CCV1)

Prepared: 11/01/05 Analyzed: 11/03/05

Gasoline Range Organics C6-C12	516		mg/kg	500		103	80-120			
Diesel Range Organics >C12-C35	442		"	500		88.4	80-120			
Total Hydrocarbon C6-C35	958		"	1000		95.8	80-120			
Surrogate: 1-Chlorooctane	58.4		"	50.0		117	70-130			
Surrogate: 1-Chlorooctadecane	63.6		"	50.0		127	70-130			

Matrix Spike (EK50116-MS1)

Source: 5J31007-02

Prepared: 11/01/05 Analyzed: 11/03/05

Gasoline Range Organics C6-C12	506	10.0	mg/kg dry	538	ND	94.1	75-125			
Diesel Range Organics >C12-C35	485	10.0	"	538	ND	90.1	75-125			
Total Hydrocarbon C6-C35	991	10.0	"	1080	ND	91.8	75-125			
Surrogate: 1-Chlorooctane	55.5		mg/kg	50.0		111	70-130			
Surrogate: 1-Chlorooctadecane	53.5		"	50.0		107	70-130			

Matrix Spike Dup (EK50116-MSD1)

Source: 5J31007-02

Prepared: 11/01/05 Analyzed: 11/03/05

Gasoline Range Organics C6-C12	511	10.0	mg/kg dry	538	ND	95.0	75-125	0.983	20	
Diesel Range Organics >C12-C35	485	10.0	"	538	ND	90.1	75-125	0.00	20	
Total Hydrocarbon C6-C35	996	10.0	"	1080	ND	92.2	75-125	0.503	20	
Surrogate: 1-Chlorooctane	55.0		mg/kg	50.0		110	70-130			
Surrogate: 1-Chlorooctadecane	51.6		"	50.0		103	70-130			

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Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
11/11/05 11:14

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch EK50407 - EPA 5030C (GC)

Blank (EK50407-BLK1)

Prepared & Analyzed: 11/04/05

Benzene	ND	0.0250	mg/kg wet						
Toluene	ND	0.0250	"						
Ethylbenzene	ND	0.0250	"						
Xylene (p/m)	ND	0.0250	"						
Xylene (o)	ND	0.0250	"						
Surrogate: a,a,a-Trifluorotoluene	0.0321		"	0.0400		80.2	80-120		
Surrogate: 4-Bromofluorobenzene	0.0384		"	0.0400		96.0	80-120		

LCS (EK50407-BS1)

Prepared & Analyzed: 11/04/05

Benzene	0.0425	0.00100	mg/kg wet	0.0500		85.0	80-120		
Toluene	0.0437	0.00100	"	0.0500		87.4	80-120		
Ethylbenzene	0.0413	0.00100	"	0.0500		82.6	80-120		
Xylene (p/m)	0.0819	0.00100	"	0.100		81.9	80-120		
Xylene (o)	0.0429	0.00100	"	0.0500		85.8	80-120		
Surrogate: a,a,a-Trifluorotoluene	0.0340		"	0.0400		85.0	80-120		
Surrogate: 4-Bromofluorobenzene	0.0333		"	0.0400		83.2	80-120		

Calibration Check (EK50407-CCV1)

Prepared: 11/04/05 Analyzed: 11/07/05

Benzene	40.2		ug/kg	50.0		80.4	80-120		
Toluene	40.7		"	50.0		81.4	80-120		
Ethylbenzene	40.6		"	50.0		81.2	80-120		
Xylene (p/m)	82.5		"	100		82.5	80-120		
Xylene (o)	41.8		"	50.0		83.6	80-120		
Surrogate: a,a,a-Trifluorotoluene	0.0355		mg/kg wet	0.0400		88.8	80-120		
Surrogate: 4-Bromofluorobenzene	0.0383		"	0.0400		95.8	80-120		

Matrix Spike (EK50407-MS1)

Source: 5K01002-02

Prepared: 11/04/05 Analyzed: 11/07/05

Benzene	0.0479	0.00100	mg/kg dry	0.0583	ND	82.2	80-120		
Toluene	0.0515	0.00100	"	0.0583	ND	88.3	80-120		
Ethylbenzene	0.0521	0.00100	"	0.0583	ND	89.4	80-120		
Xylene (p/m)	0.102	0.00100	"	0.117	ND	87.2	80-120		
Xylene (o)	0.0534	0.00100	"	0.0583	ND	91.6	80-120		
Surrogate: a,a,a-Trifluorotoluene	0.0429		"	0.0467		91.9	80-120		
Surrogate: 4-Bromofluorobenzene	0.0528		"	0.0467		113	80-120		

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EK50407 - EPA 5030C (GC)

Matrix Spike Dup (EK50407-MSD1)

Source: 5K01002-02

Prepared: 11/04/05 Analyzed: 11/07/05

Benzene	0.0480	0.00100	mg/kg dry	0.0583	ND	82.3	80-120	0.122	20	
Toluene	0.0516	0.00100	"	0.0583	ND	88.5	80-120	0.226	20	
Ethylbenzene	0.0520	0.00100	"	0.0583	ND	89.2	80-120	0.224	20	
Xylene (p/m)	0.102	0.00100	"	0.117	ND	87.2	80-120	0.00	20	
Xylene (o)	0.0533	0.00100	"	0.0583	ND	91.4	80-120	0.219	20	
Surrogate: a,a,a-Trifluorotoluene	0.0443		"	0.0467		94.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.0546		"	0.0467		117	80-120			

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Reported:
11/11/05 11:14

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch EK50104 - General Preparation (Prep)

Blank (EK50104-BLK1)

Prepared: 10/31/05 Analyzed: 11/01/05

% Solids 100 %

Duplicate (EK50104-DUP1)

Source: 5J28007-01

Prepared: 10/31/05 Analyzed: 11/01/05

% Solids 80.3 % 78.3 2.52 20

Batch EK50705 - Water Extraction

Blank (EK50705-BLK1)

Prepared: 11/04/05 Analyzed: 11/07/05

Sulfate ND 0.500 mg/kg

Chloride ND 0.500 "

LCS (EK50705-BS1)

Prepared: 11/04/05 Analyzed: 11/07/05

Chloride 8.46 mg/L 10.0 84.6 80-120

Sulfate 9.34 " 10.0 93.4 80-120

Calibration Check (EK50705-CCV1)

Prepared: 11/04/05 Analyzed: 11/07/05

Sulfate 9.58 mg/L 10.0 95.8 80-120

Chloride 8.61 " 10.0 86.1 80-120

Duplicate (EK50705-DUP1)

Source: 5J31007-01

Prepared: 11/04/05 Analyzed: 11/07/05

Sulfate 22.1 5.00 mg/kg 24.4 9.89 20

Chloride 8.03 5.00 " 9.37 15.4 20

Batch EK50820 - Water Extraction

Blank (EK50820-BLK1)

Prepared: 10/28/05 Analyzed: 11/01/05

Total Alkalinity ND 2.00 mg/kg

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General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EK50820 - Water Extraction

Calibration Check (EK50820-CCV1)

Prepared & Analyzed: 11/01/05

Bicarbonate Alkalinity	229		mg/kg	200		114	80-120			
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Duplicate (EK50820-DUP1)

Source: 5J24018-16

Prepared: 10/28/05 Analyzed: 11/01/05

Total Alkalinity	0.00	10.0	mg/kg		20.0				20	
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Project Manager: Camille Reynolds

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Reported:
11/11/05 11:14

Total Metals by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EK50201 - EPA 3050B

Blank (EK50201-BLK1)

Prepared: 10/27/05 Analyzed: 11/01/05

Selenium	ND	0.00400	mg/kg wet							
Arsenic	ND	0.00800	"							
Chromium	ND	0.00500	"							
Lead	ND	0.0110	"							
Barium	ND	0.00100	"							
Cadmium	ND	0.00100	"							
Silver	ND	0.00500	"							

LCS (EK50201-BS1)

Prepared: 10/27/05 Analyzed: 11/01/05

Silver	0.112	0.00500	mg/kg wet	0.100		112	75-125			
Selenium	0.373	0.00400	"	0.400		93.2	85-115			
Lead	1.08	0.0110	"	1.10		98.2	85-115			
Chromium	0.175	0.00500	"	0.200		87.5	85-115			
Arsenic	0.878	0.00800	"	0.800		110	85-115			
Barium	0.219	0.00100	"	0.200		110	85-115			
Cadmium	0.202	0.00100	"	0.200		101	85-115			

LCS Dup (EK50201-BSD1)

Prepared: 10/27/05 Analyzed: 11/01/05

Silver	0.103	0.00500	mg/kg wet	0.100		103	75-125	8.37	20	
Chromium	0.206	0.00500	"	0.200		103	85-115	16.3	20	
Cadmium	0.204	0.00100	"	0.200		102	85-115	0.985	20	
Arsenic	0.883	0.00800	"	0.800		110	85-115	0.568	20	
Lead	1.08	0.0110	"	1.10		98.2	85-115	0.00	20	
Selenium	0.380	0.00400	"	0.400		95.0	85-115	1.86	20	
Barium	0.223	0.00100	"	0.200		112	85-115	1.81	20	

Calibration Check (EK50201-CCV1)

Prepared: 10/27/05 Analyzed: 11/01/05

Chromium	0.999		mg/kg	1.00		99.9	90-110			
Lead	1.02		"	1.00		102	90-110			
Selenium	1.02		"	1.00		102	90-110			
Cadmium	1.08		"	1.00		108	90-110			
Barium	0.980		"	1.00		98.0	90-110			
Arsenic	1.04		"	1.00		104	90-110			
Silver	0.542		"	0.500		108	90-110			

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Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
11/11/05 11:14

Total Metals by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EK50201 - EPA 3050B

Matrix Spike (EK50201-MS1)

Source: 5J24008-05

Prepared: 10/27/05 Analyzed: 11/01/05

Selenium	14.7	0.200	mg/kg dry	21.7	ND	67.7	75-125			PS-1
Lead	65.4	0.550	"	59.7	9.53	93.6	75-125			
Chromium	18.7	0.250	"	10.8	8.30	96.3	75-125			
Barium	283	0.0500	"	10.8	357	NR	75-125			PS-1
Arsenic	48.8	0.400	"	43.4	5.97	98.7	75-125			
Silver	11.0	0.250	"	5.42	ND	203	75-125			PS-1
Cadmium	12.5	0.0500	"	10.8	3.00	88.0	75-125			

Matrix Spike (EK50201-MS2)

Source: 5J24008-05

Prepared: 10/27/05 Analyzed: 11/11/05

Silver	ND	0.00500	mg/kg dry	54.2	ND		75-125			
Cadmium	ND	0.00100	"	108	3.00	NR	75-125			
Chromium	ND	0.00500	"	108	8.30	NR	75-125			
Lead	ND	0.0110	"	597	9.53	NR	75-125			
Selenium	ND	0.00400	"	217	ND		75-125			
Arsenic	ND	0.00800	"	434	5.97	NR	75-125			
Barium	ND	0.00100	"	108	357	NR	75-125			

Post Spike (EK50201-PS1)

Source: 5J24008-05

Prepared: 10/27/05 Analyzed: 11/11/05

Lead	ND	0.0110	mg/kg dry	59.7	9.53	NR	75-125			
Selenium	16.4	0.200	"	21.7	ND	75.6	85-115			PS-1
Chromium	ND	0.00500	"	10.8	8.30	NR	85-115			
Cadmium	ND	0.00100	"	10.8	3.00	NR	75-125			
Barium	353	0.0500	"	10.8	357	NR	85-115			PS-1
Arsenic	ND	0.00800	"	43.4	5.97	NR	75-125			
Silver	7.45	0.250	"	5.42	ND	137	85-115			PS-1

Post Spike (EK50201-PS2)

Source: 5J24008-05

Prepared: 10/27/05 Analyzed: 11/11/05

Selenium	ND	0.00400	mg/kg dry	108	ND		75-125			
Arsenic	ND	0.00800	"	217	5.97	NR	75-125			
Barium	ND	0.00100	"	54.2	357	NR	75-125			
Cadmium	ND	0.00100	"	54.2	3.00	NR	75-125			
Chromium	ND	0.00500	"	54.2	8.30	NR	85-115			
Lead	ND	0.0110	"	298	9.53	NR	75-125			
Silver	ND	0.00500	"	27.1	ND		85-115			

Environmental Lab of Texas

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Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Lea Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
11/11/05 11:14

Total Metals by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	----------------	-----	--------------	-------

Batch EK50211 - EPA 7471A

Blank (EK50211-BLK1)

Prepared: 10/31/05 Analyzed: 11/01/05

Mercury ND 0.0005000 mg/kg wet

LCS (EK50211-BS1)

Prepared: 10/31/05 Analyzed: 11/01/05

Mercury 0.00100 0.0005000 mg/kg wet 0.00100 100 85-115

LCS Dup (EK50211-BSD1)

Prepared: 10/31/05 Analyzed: 11/01/05

Mercury 0.000970 0.0005000 mg/kg wet 0.00100 97.0 85-115 3.05 20

Calibration Check (EK50211-CCV1)

Prepared: 10/31/05 Analyzed: 11/01/05

Mercury 0.000900 mg/kg 0.00100 90.0 90-110

Matrix Spike (EK50211-MS1)

Source: 5J24008-05

Prepared: 10/31/05 Analyzed: 11/01/05

Mercury 0.118 0.0005000 mg/kg dry 0.0542 0.07375 81.6 75-125

Matrix Spike Dup (EK50211-MSD1)

Source: 5J24008-05

Prepared: 10/31/05 Analyzed: 11/01/05

Mercury 0.129 0.0005000 mg/kg dry 0.0542 0.07375 102 75-125 8.91 20

Batch EK50911 - 6010B/No Digestion

Blank (EK50911-BLK1)

Prepared & Analyzed: 11/09/05

Calcium ND 0.0100 mg/kg wet

Magnesium ND 0.00100 "

Potassium ND 0.0500 "

Sodium ND 0.0100 "

Calibration Check (EK50911-CCV1)

Prepared & Analyzed: 11/09/05

Calcium 1.90 mg/kg 2.00 95.0 85-115

Magnesium 2.00 " 2.00 100 85-115

Potassium 1.96 " 2.00 98.0 85-115

Sodium 1.87 " 2.00 93.5 85-115

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Lea Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
11/11/05 11:14

Total Metals by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EK50911 - 6010B/No Digestion

Duplicate (EK50911-DUP1)

Source: 5J31007-02

Prepared & Analyzed: 11/09/05

Calcium	21400	50.0	mg/kg dry		20800			2.84	20	
Magnesium	926	1.00	"		902			2.63	20	
Potassium	229	5.00	"		238			3.85	20	
Sodium	1660	10.0	"		1700			2.38	20	

Environmental Lab of Texas

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Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Lea Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
11/11/05 11:14

Notes and Definitions

PS-1 Matix spike recoveries were outside method and/or historical control limits due to matrix interference. Interference was confirmed by similar results from a post matrix spike.

J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:

Raland K. Tuttle

Date:

11/11/2005

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

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If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas

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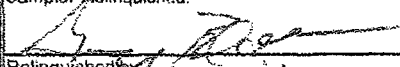
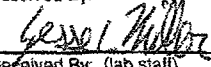
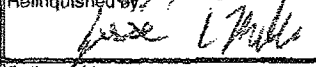
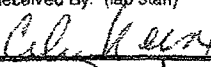
Environmental Plus, Inc.

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

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form

Company Name				Environmental Plus, Inc.				Bill To				ANALYSIS REQUEST											
EPI Project Manager				Pat McCasland				 <p>Attn: ENV Accounts Payable PO Box 4648 Houston, TX 77210-4648</p>															
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 Marketing																			
Facility Name				Lea Station Landfarm																			
Location				Sect. 28, T 20 S, R 37 E																			
Project Reference				2004-00061																			
EPI Sampler Name				George Blackburn																			
LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.			SAMPLING		BTEX 8021B	TPH 8015M	CHLORIDES (Cl ⁻)	SULFATES (SO ₄ ²⁻)	pH	Antons & Cations	RCRA Metals (8)	PAH	
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME									
53007	1 Cell B Treatment Zone	C	3			X				X			28-Oct-05	9:30	X	X				X	X		
53007	2 Cell C Treatment Zone	C	3			X				X			28-Oct-05	8:30	X	X				X	X		
53007	3 Cell E Treatment Zone	C	3			X				X			28-Oct-05	7:30	X	X				X	X		
	4																						
	5																						
	6																						
	7																						
	8																						
	9																						
	10																						

Sampler Relinquished:	Date	Received By:	E-mail results to: pmccasland@envplus.net REMARKS:
	Time		
Relinquished by:	Date 10/3/05	Received By: (lab staff)	
	Time 13:00		402 glass 7.5°C
Delivered by:	Sample Cool & Intact	Checked By:	
	(Yes) No		

Variance / Corrective Action Report - Sample Log-in

Client: Plains

Date/Time: 10/31/05 13:00

Order #: 5J31007

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	8.5 C
Shipping container/cooler in good condition?	<input checked="" type="checkbox"/> Yes	No	
Custody Seals intact on shipping container/cooler?	Yes	No	Not present
Custody Seals intact on sample bottles?	<input checked="" type="checkbox"/> Yes	No	Not present
Chain of custody present?	<input checked="" type="checkbox"/> Yes	No	
Sample Instructions complete on Chain of Custody?	<input checked="" type="checkbox"/> Yes	No	
Chain of Custody signed when relinquished and received?	<input checked="" type="checkbox"/> Yes	No	
Chain of custody agrees with sample label(s)	<input checked="" type="checkbox"/> Yes	No	
Container labels legible and intact?	<input checked="" type="checkbox"/> Yes	No	
Sample Matrix and properties same as on chain of custody?	<input checked="" type="checkbox"/> Yes	No	
Samples in proper container/bottle?	<input checked="" type="checkbox"/> Yes	No	
Samples properly preserved?	Yes	<input checked="" type="checkbox"/> NO	*
Sample bottles intact?	<input checked="" type="checkbox"/> Yes	No	
Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	No	
Containers documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	No	
Sufficient sample amount for indicated test?	<input checked="" type="checkbox"/> Yes	No	
All samples received within sufficient hold time?	<input checked="" type="checkbox"/> Yes	No	
VOC samples have zero headspace?	<input checked="" type="checkbox"/> Yes	No	Not Applicable

Other observations:

Samples were above 4°C. Informed client and
he said okay. CK

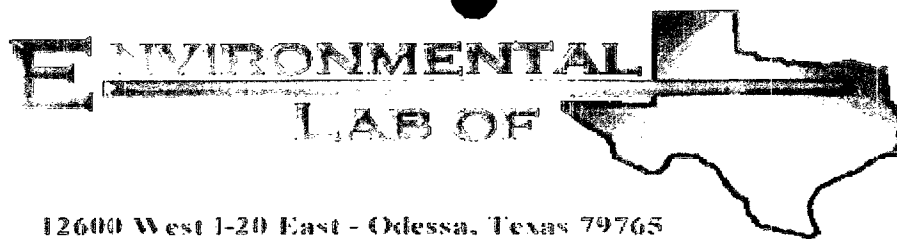
Variance Documentation:

Contact Person: Jesse M. Date/Time: 10/31/05 13:00 Contacted by: Coley
 Regarding:

TEMP.

Corrective Action Taken:

stated above



12600 West 1-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Camille Reynolds

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: LeaStation Landfarm

Project Number: 2004-00061

Location: Lea

Lab Order Number: 5E12014

Report Date: 05/17/05

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Lea Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/05 09:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FLSLF51205CE-E1	5E12014-01	Soil	05/12/05 10:10	05/12/05 16:27
FLSLF51205CE-E2	5E12014-02	Soil	05/12/05 10:15	05/12/05 16:27
FLSLF51205CE-E3	5E12014-03	Soil	05/12/05 10:20	05/12/05 16:27
FLSLF51205CE-E4	5E12014-04	Soil	05/12/05 10:25	05/12/05 16:27
FLSLF51205CE-E5	5E12014-05	Soil	05/12/05 10:30	05/12/05 16:27
FLSLF51205CE-E6	5E12014-06	Soil	05/12/05 10:35	05/12/05 16:27
FLSLF51205CE-E7	5E12014-07	Soil	05/12/05 10:40	05/12/05 16:27
FLSLF51205CE-E8	5E12014-08	Soil	05/12/05 10:45	05/12/05 16:27
FLSLF51205CE-E9	5E12014-09	Soil	05/12/05 10:50	05/12/05 16:27
FLSLF51205CE-E10	5E12014-10	Soil	05/12/05 10:55	05/12/05 16:27
FLSLF51205CE-E11	5E12014-11	Soil	05/12/05 11:00	05/12/05 16:27
FLSLF51205CE-E12	5E12014-12	Soil	05/12/05 11:05	05/12/05 16:27
FLSLF51205CE-E13	5E12014-13	Soil	05/12/05 11:10	05/12/05 16:27
FLSLF51205CE-E14	5E12014-14	Soil	05/12/05 11:15	05/12/05 16:27
FLSLF51205CE-E15	5E12014-15	Soil	05/12/05 11:20	05/12/05 16:27
FLSLF51205CE-E16	5E12014-16	Soil	05/12/05 11:25	05/12/05 16:27
FLSLF51205CE-E17	5E12014-17	Soil	05/12/05 11:30	05/12/05 16:27

Plains All American EH & S
1301 S County Road 1150
Midland TX, 79706-4476

Project: Lea Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/05 09:05

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PLSLF51205CE-E1 (5E12014-01) Soil									
Benzene	ND	0.0250	mg/kg dy	25	EE51311	05/13/05	05/13/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		97.2 %	80-120		"	"	"	"	
Surrogate 4-Bromofluorobenzene		91.5 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	10.3	10.0	mg/kg dy	1	EE51304	05/13/05	05/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	1590	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	1600	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		81.8 %	70-130		"	"	"	"	
Surrogate 1-Chlorooctadecane		99.4 %	70-130		"	"	"	"	
PLSLF51205CE-E2 (5E12014-02) Soil									
Benzene	ND	0.0250	mg/kg dy	25	EE51312	05/13/05	05/14/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		93.1 %	80-120		"	"	"	"	
Surrogate 4-Bromofluorobenzene		90.9 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	J[8.71]	10.0	mg/kg dy	1	EE51304	05/13/05	05/14/05	EPA 8015M	J
Diesel Range Organics >C12-C35	883	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	883	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		85.4 %	70-130		"	"	"	"	
Surrogate 1-Chlorooctadecane		94.0 %	70-130		"	"	"	"	
PLSLF51205CE-E3 (5E12014-03) Soil									
Benzene	ND	0.0250	mg/kg dy	25	EE51312	05/13/05	05/14/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		99.4 %	80-120		"	"	"	"	
Surrogate 4-Bromofluorobenzene		93.4 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	11.7	10.0	mg/kg dy	1	EE51304	05/13/05	05/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	1940	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	1950	10.0	"	"	"	"	"	"	

Environmental Lab of Texas

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Hains All American EH & S
1301 S County Road 1150
Midland TX, 79706-4476

Project: Lee Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/05 09:05

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PLSLF51205CE-E3 (5E12014-03) Soil									
Surrogate 1-Chloroodane		85.6 %	70-130		EE51304	05/13/05	05/14/05	EPA 8015M	
Surrogate 1-Chloroodadeca ne		97.8 %	70-130		"	"	"	"	
PLSLF51205CE-E4 (5E12014-04) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE51312	05/13/05	05/14/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		104 %	80-120		"	"	"	"	
Surrogate 4-Bromofluorobenzene		92.9 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	23.0	10.0	mg/kg dry	1	EE51304	05/13/05	05/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	2190	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	2210	10.0	"	"	"	"	"	"	
Surrogate 1-Chloroodane		93.2 %	70-130		"	"	"	"	
Surrogate 1-Chloroodadeca ne		99.0 %	70-130		"	"	"	"	
PLSLF51205CE-E5 (5E12014-05) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE51312	05/13/05	05/14/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		105 %	80-120		"	"	"	"	
Surrogate 4-Bromofluorobenzene		100 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EE51304	05/13/05	05/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate 1-Chloroodane		90.0 %	70-130		"	"	"	"	
Surrogate 1-Chloroodadeca ne		85.4 %	70-130		"	"	"	"	

Environmental Lab of Texas

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Flains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Lee Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/05 09:05

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PLSLF51205CE-E6 (5E12014-06) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE51312	05/13/05	05/14/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		106 %	80-120		"	"	"	"	
Surrogate 4-Bromofluorobenzene		107 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EE51304	05/13/05	05/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		89.4 %	70-130		"	"	"	"	
Surrogate 1-Chlorooctadecane		87.8 %	70-130		"	"	"	"	
PLSLF51205CE-E7 (5E12014-07) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE51312	05/13/05	05/14/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		101 %	80-120		"	"	"	"	
Surrogate 4-Bromofluorobenzene		92.5 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	J [5.09]	10.0	mg/kg dry	1	EE51304	05/13/05	05/14/05	EPA 8015M	J
Diesel Range Organics >C12-C35	151	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	151	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		87.0 %	70-130		"	"	"	"	
Surrogate 1-Chlorooctadecane		89.2 %	70-130		"	"	"	"	
PLSLF51205CE-E8 (5E12014-08) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE51312	05/13/05	05/14/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		97.3 %	80-120		"	"	"	"	
Surrogate 4-Bromofluorobenzene		95.3 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	29.2	10.0	mg/kg dry	1	EE51304	05/13/05	"	EPA 8015M	
Diesel Range Organics >C12-C35	1680	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	1710	10.0	"	"	"	"	"	"	

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Flans All American EH & S
1301 S County Road 1150
Midland TX, 79706-4476

Project: Lea Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/05 09:05

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PLSLF51205CE-E8 (5E12014-08) Soil									
Surrogate 1-Chlorooctane		84.0 %	70-130		EE51304	05/13/05	05/14/05	EPA 8015M	
Surrogate 1-Chlorooctadecane		89.0 %	70-130		"	"	"	"	
PLSLF51205CE-E9 (5E12014-09) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE51312	05/13/05	05/14/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		99.3 %	80-120		"	"	"	"	
Surrogate 4-Bromofluorobenzene		82.2 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	12.0	10.0	mg/kg dry	1	EE51304	05/13/05	05/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	2120	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	2130	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		85.0 %	70-130		"	"	"	"	
Surrogate 1-Chlorooctadecane		99.2 %	70-130		"	"	"	"	
PLSLF51205CE-E10 (5E12014-10) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE51312	05/13/05	05/14/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		100 %	80-120		"	"	"	"	
Surrogate 4-Bromofluorobenzene		99.2 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EE51304	05/13/05	05/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	334	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	334	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		89.0 %	70-130		"	"	"	"	
Surrogate 1-Chlorooctadecane		91.8 %	70-130		"	"	"	"	

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Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Lee Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/05 09:05

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PLSLF51205CE-E11 (5E12014-11) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE51312	05/13/05	05/14/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		100 %	80-120		"	"	"	"	
Surrogate 4-Bromofluorobenzene		103 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	21.9	10.0	mg/kg dry	1	EE51304	05/13/05	05/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	1550	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	1570	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		96.0 %	70-130		"	"	"	"	
Surrogate 1-Chlorooctadecane		101 %	70-130		"	"	"	"	
PLSLF51205CE-E12 (5E12014-12) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE51312	05/13/05	05/14/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		98.5 %	80-120		"	"	"	"	
Surrogate 4-Bromofluorobenzene		101 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	J [6.57]	10.0	mg/kg dry	1	EE51304	05/13/05	05/14/05	EPA 8015M	J
Diesel Range Organics >C12-C35	1180	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	1180	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		84.2 %	70-130		"	"	"	"	
Surrogate 1-Chlorooctadecane		102 %	70-130		"	"	"	"	
PLSLF51205CE-E13 (5E12014-13) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE51312	05/13/05	05/14/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		97.9 %	80-120		"	"	"	"	
Surrogate 4-Bromofluorobenzene		80.9 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EE51304	05/13/05	05/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	12.9	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	12.9	10.0	"	"	"	"	"	"	

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1301 S. County Road 1150
Midland TX, 79706-4476

Project: Lea Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/05 09:05

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PLSLF51205CE-E13 (5E12014-13) Soil									
Surrogate 1-Chlorododecane		86.8 %	70-130		EE51304	05/13/05	05/14/05	EPA 8015M	
Surrogate 1-Chlorododecane		91.2 %	70-130		"	"	"	"	
PLSLF51205CE-E14 (5E12014-14) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE51312	05/13/05	05/14/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		94.3 %	80-120		"	"	"	"	
Surrogate 4-Bromofluorobenzene		93.7 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EE51304	05/13/05	05/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorododecane		94.8 %	70-130		"	"	"	"	
Surrogate 1-Chlorododecane		88.0 %	70-130		"	"	"	"	
PLSLF51205CE-E15 (5E12014-15) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE51312	05/13/05	05/14/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		94.7 %	80-120		"	"	"	"	
Surrogate 4-Bromofluorobenzene		93.7 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	J [5.84]	10.0	mg/kg dry	1	EE51304	05/13/05	05/14/05	EPA 8015M	J
Diesel Range Organics >C12-C35	759	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	759	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorododecane		86.6 %	70-130		"	"	"	"	
Surrogate 1-Chlorododecane		96.0 %	70-130		"	"	"	"	

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1301 S. County Road 1150
Midland TX, 79706-4476

Project: Lee Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/05 09:05

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PLSLF51205CE-E16 (5E12014-16) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE51312	05/13/05	05/14/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		93.1 %	80-120		"	"	"	"	
Surrogate 4-Bromofluorobenzene		89.4 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	12.3	10.0	mg/kg dry	1	EE51304	05/13/05	05/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	1700	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	1710	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		89.0 %	70-130		"	"	"	"	
Surrogate 1-Chlorooctadecane		96.4 %	70-130		"	"	"	"	
PLSLF51205CE-E17 (5E12014-17) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE51312	05/13/05	05/14/05	EPA 8021B	
Toluene	J [0.0126]	0.0250	"	"	"	"	"	"	J
Ethylbenzene	0.0334	0.0250	"	"	"	"	"	"	
Xylene (p/m)	0.0473	0.0250	"	"	"	"	"	"	
Xylene (o)	0.0292	0.0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		93.9 %	80-120		"	"	"	"	
Surrogate 4-Bromofluorobenzene		84.4 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	73.9	10.0	mg/kg dry	1	EE51305	05/13/05	05/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	2480	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	2550	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		92.6 %	70-130		"	"	"	"	
Surrogate 1-Chlorooctadecane		96.6 %	70-130		"	"	"	"	

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Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Lea Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/05 09:05

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PLSLF51205CE-E1 (5E12014-01) Soil									
Chloride	67.2	5.00	mg/kg	10	EE51404	05/13/05	05/13/05	EPA 300.0	
% Moisture	1.9	0.1	%	1	EE51301	05/13/05	05/13/05	% calculation	
PLSLF51205CE-E2 (5E12014-02) Soil									
% Moisture	0.5	0.1	%	1	EE51301	05/13/05	05/13/05	% calculation	
PLSLF51205CE-E3 (5E12014-03) Soil									
% Moisture	1.4	0.1	%	1	EE51301	05/13/05	05/13/05	% calculation	
PLSLF51205CE-E4 (5E12014-04) Soil									
% Moisture	2.9	0.1	%	1	EE51301	05/13/05	05/13/05	% calculation	
PLSLF51205CE-E5 (5E12014-05) Soil									
% Moisture	2.8	0.1	%	1	EE51301	05/13/05	05/13/05	% calculation	
PLSLF51205CE-E6 (5E12014-06) Soil									
Chloride	26.1	5.00	mg/kg	10	EE51404	05/13/05	05/13/05	EPA 300.0	
% Moisture	0.3	0.1	%	1	EE51301	05/13/05	05/13/05	% calculation	
PLSLF51205CE-E7 (5E12014-07) Soil									
% Moisture	0.5	0.1	%	1	EE51301	05/13/05	05/13/05	% calculation	
PLSLF51205CE-E8 (5E12014-08) Soil									
% Moisture	3.1	0.1	%	1	EE51301	05/13/05	05/13/05	% calculation	
PLSLF51205CE-E9 (5E12014-09) Soil									
% Moisture	0.9	0.1	%	1	EE51301	05/13/05	05/13/05	% calculation	
PLSLF51205CE-E10 (5E12014-10) Soil									
% Moisture	1.8	0.1	%	1	EE51301	05/13/05	05/13/05	% calculation	

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1301 S. County Road 1150
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Project: Lea Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

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Reported:
05/17/05 09:05

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PLSLF51205CE-E11 (5E12014-11) Soil									
Chloride	31.9	5.00	mg/kg	10	EE51404	05/13/05	05/13/05	EPA 300.0	
% Moisture	1.1	0.1	%	1	EE51301	05/13/05	05/13/05	% calculation	
PLSLF51205CE-E12 (5E12014-12) Soil									
Chloride	30.6	5.00	mg/kg	10	EE51404	05/13/05	05/13/05	EPA 300.0	
% Moisture	0.5	0.1	%	1	EE51301	05/13/05	05/13/05	% calculation	
PLSLF51205CE-E13 (5E12014-13) Soil									
% Moisture	1.1	0.1	%	1	EE51301	05/13/05	05/13/05	% calculation	
PLSLF51205CE-E14 (5E12014-14) Soil									
% Moisture	0.9	0.1	%	1	EE51301	05/13/05	05/13/05	% calculation	
PLSLF51205CE-E15 (5E12014-15) Soil									
% Moisture	0.8	0.1	%	1	EE51301	05/13/05	05/13/05	% calculation	
PLSLF51205CE-E16 (5E12014-16) Soil									
% Moisture	1.9	0.1	%	1	EE51301	05/13/05	05/13/05	% calculation	
PLSLF51205CE-E17 (5E12014-17) Soil									
Chloride	30.3	5.00	mg/kg	10	EE51404	05/13/05	05/13/05	EPA 300.0	
% Moisture	4.4	0.1	%	1	EE51301	05/13/05	05/13/05	% calculation	

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Plains All American EH & S
1301 S. County Road 1150
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Project: Lea Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/05 09:05

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EE51304 - Solvent Extraction (GC)

Blank (EE51304-BLK1)

Prepared & Analyzed: 05/13/05

Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	38.7		mg/kg	50.0		77.4	70-130			
Surrogate: 1-Chlorooctadecane	35.7		"	50.0		71.4	70-130			

LCS (EE51304-BS1)

Prepared & Analyzed: 05/13/05

Gasoline Range Organics C6-C12	466	10.0	mg/kg wet	500		93.2	75-125			
Diesel Range Organics >C12-C35	486	10.0	"	500		97.2	75-125			
Total Hydrocarbon C6-C35	962	10.0	"	1000		96.2	75-125			
Surrogate: 1-Chlorooctane	38.1		mg/kg	50.0		76.2	70-130			
Surrogate: 1-Chlorooctadecane	35.5		"	50.0		71.0	70-130			

Calibration Check (EE51304-CCV1)

Prepared & Analyzed: 05/13/05

Gasoline Range Organics C6-C12	462		mg/kg	500		92.4	80-120			
Diesel Range Organics >C12-C35	492		"	500		98.4	80-120			
Total Hydrocarbon C6-C35	954		"	1000		95.4	80-120			
Surrogate: 1-Chlorooctane	49.8		"	50.0		99.6	70-130			
Surrogate: 1-Chlorooctadecane	42.6		"	50.0		85.2	70-130			

Matrix Spike (EE51304-MS1)

Source: 5E12012-04

Prepared & Analyzed: 05/13/05

Gasoline Range Organics C6-C12	513	10.0	mg/kg dry	527	ND	97.3	75-125			
Diesel Range Organics >C12-C35	542	10.0	"	527	ND	103	75-125			
Total Hydrocarbon C6-C35	1060	10.0	"	1060	ND	101	75-125			
Surrogate: 1-Chlorooctane	53.9		mg/kg	50.0		108	70-130			
Surrogate: 1-Chlorooctadecane	47.7		"	50.0		95.4	70-130			

Matrix Spike Dup (EE51304-MSD1)

Source: 5E12012-04

Prepared & Analyzed: 05/13/05

Gasoline Range Organics C6-C12	470	10.0	mg/kg dry	527	ND	89.2	75-125	8.75	20	
Diesel Range Organics >C12-C35	535	10.0	"	527	ND	102	75-125	1.30	20	
Total Hydrocarbon C6-C35	1000	10.0	"	1060	ND	95.2	75-125	5.83	20	
Surrogate: 1-Chlorooctane	53.8		mg/kg	50.0		108	70-130			
Surrogate: 1-Chlorooctadecane	47.6		"	50.0		95.2	70-130			

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Midland TX, 79706-4476

Project: Lea Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/05 09:05

Organics by GC - Quality Control Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE51305 - Solvent Extraction (GC)										
Blank (EE51305-BLK1)										
Prepared: 05/13/05 Analyzed: 05/14/05										
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	39.4		mg/kg	50.0		78.8	70-130			
Surrogate: 1-Chlorooctadecane	37.6		"	50.0		75.2	70-130			
LCS (EE51305-BS1)										
Prepared: 05/13/05 Analyzed: 05/14/05										
Gasoline Range Organics C6-C12	475	10.0	mg/kg wet	500		95.0	75-125			
Diesel Range Organics >C12-C35	506	10.0	"	500		101	75-125			
Total Hydrocarbon C6-C35	980	10.0	"	1000		98.0	75-125			
Surrogate: 1-Chlorooctane	38.6		mg/kg	50.0		77.2	70-130			
Surrogate: 1-Chlorooctadecane	36.2		"	50.0		72.4	70-130			
Calibration Check (EE51305-CCV1)										
Prepared: 05/13/05 Analyzed: 05/14/05										
Gasoline Range Organics C6-C12	499		mg/kg	500		99.8	80-120			
Diesel Range Organics >C12-C35	530		"	500		106	80-120			
Total Hydrocarbon C6-C35	1030		"	1000		103	80-120			
Surrogate: 1-Chlorooctane	48.4		"	50.0		96.8	70-130			
Surrogate: 1-Chlorooctadecane	41.2		"	50.0		82.4	70-130			
Matrix Spike (EE51305-MS1)										
Source: 5E13021-02 Prepared: 05/13/05 Analyzed: 05/14/05										
Gasoline Range Organics C6-C12	477	10.0	mg/kg dry	517	ND	92.3	75-125			
Diesel Range Organics >C12-C35	502	10.0	"	517	ND	97.1	75-125			
Total Hydrocarbon C6-C35	979	10.0	"	1030	ND	95.0	75-125			
Surrogate: 1-Chlorooctane	52.8		mg/kg	50.0		106	70-130			
Surrogate: 1-Chlorooctadecane	47.0		"	50.0		94.0	70-130			
Matrix Spike Dup (EE51305-MSD1)										
Source: 5E13021-02 Prepared: 05/13/05 Analyzed: 05/14/05										
Gasoline Range Organics C6-C12	488	10.0	mg/kg dry	517	ND	94.4	75-125	2.28	20	
Diesel Range Organics >C12-C35	511	10.0	"	517	ND	98.8	75-125	1.78	20	
Total Hydrocarbon C6-C35	999	10.0	"	1030	ND	97.0	75-125	2.02	20	
Surrogate: 1-Chlorooctane	53.3		mg/kg	50.0		107	70-130			
Surrogate: 1-Chlorooctadecane	48.5		"	50.0		97.0	70-130			

Environmental Lab of Texas

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Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Lea Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/05 09:05

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EE51311 - EPA 5030C (GC)

Blank (EE51311-BLK1)

Prepared & Analyzed: 05/13/05

Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	94.6		ug/kg	100		94.6	80-120			
Surrogate: 4-Bromofluorobenzene	96.5		"	100		96.5	80-120			

LCS (EE51311-BS1)

Prepared & Analyzed: 05/13/05

Benzene	90.9		ug/kg	100		90.9	80-120			
Toluene	85.8		"	100		85.8	80-120			
Ethylbenzene	91.8		"	100		91.8	80-120			
Xylene (p/m)	213		"	200		106	80-120			
Xylene (o)	99.8		"	100		99.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	111		"	100		111	80-120			
Surrogate: 4-Bromofluorobenzene	109		"	100		109	80-120			

Calibration Check (EE51311-CCV1)

Prepared: 05/13/05 Analyzed: 05/14/05

Benzene	91.8		ug/kg	100		91.8	80-120			
Toluene	85.7		"	100		85.7	80-120			
Ethylbenzene	87.7		"	100		87.7	80-120			
Xylene (p/m)	200		"	200		100	80-120			
Xylene (o)	93.6		"	100		93.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	115		"	100		115	80-120			
Surrogate: 4-Bromofluorobenzene	107		"	100		107	80-120			

Matrix Spike (EE51311-MS1)

Source: 5E13018-01

Prepared & Analyzed: 05/13/05

Benzene	90.5		ug/kg	100	ND	90.5	80-120			
Toluene	85.6		"	100	ND	85.6	80-120			
Ethylbenzene	90.0		"	100	ND	90.0	80-120			
Xylene (p/m)	207		"	200	ND	104	80-120			
Xylene (o)	93.4		"	100	ND	93.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	113		"	100		113	80-120			
Surrogate: 4-Bromofluorobenzene	115		"	100		115	80-120			

Environmental Lab of Texas

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Plains All American EH & S
1301 S County Road 1150
Midland TX, 79706-4476

Project: Lea Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/05 09:05

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EE51311 - EPA 5030C (GC)

Matrix Spike Dup (EE51311-MSD1)		Source: 5E13018-01		Prepared & Analyzed: 05/13/05						
Benzene	90.6		ug/kg	100	ND	90.6	80-120	0.110	20	
Toluene	86.0		"	100	ND	86.0	80-120	0.466	20	
Ethylbenzene	91.5		"	100	ND	91.5	80-120	1.65	20	
Xylene (p/m)	211		"	200	ND	106	80-120	1.90	20	
Xylene (o)	95.4		"	100	ND	95.4	80-120	2.12	20	
Surrogate: a,a,a-Trifluorotoluene	115		"	100		115	80-120			
Surrogate: 4-Bromofluorobenzene	113		"	100		113	80-120			

Batch EE51312 - EPA 5030C (GC)

Blank (EE51312-BLK1)		Prepared & Analyzed: 05/13/05								
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	102		ug/kg	100		102	80-120			
Surrogate: 4-Bromofluorobenzene	86.2		"	100		86.2	80-120			

LCS (EE51312-BS1)

Prepared: 05/13/05 Analyzed: 05/14/05

Benzene	90.3		ug/kg	100		90.3	80-120			
Toluene	82.9		"	100		82.9	80-120			
Ethylbenzene	82.2		"	100		82.2	80-120			
Xylene (p/m)	185		"	200		92.5	80-120			
Xylene (o)	91.0		"	100		91.0	80-120			
Surrogate: a,a,a-Trifluorotoluene	115		"	100		115	80-120			
Surrogate: 4-Bromofluorobenzene	99.3		"	100		99.3	80-120			

Environmental Lab of Texas

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Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Lee Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/05 09:05

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EE51312 - EPA 5030C (GC)

Calibration Check (EE51312-CCV1)

Prepared: 05/13/05 Analyzed: 05/14/05

Benzene	96.4		ug/kg	100		96.4	80-120			
Toluene	93.0		"	100		93.0	80-120			
Ethylbenzene	91.5		"	100		91.5	80-120			
Xylene (p/m)	208		"	200		104	80-120			
Xylene (o)	97.1		"	100		97.1	80-120			
Surrogate: a,a,a-Trifluorotoluene	119		"	100		119	80-120			
Surrogate: 4-Bromofluorobenzene	104		"	100		104	80-120			

Matrix Spike (EE51312-MS1)

Source: 5E12014-02

Prepared: 05/13/05 Analyzed: 05/14/05

Benzene	88.8		ug/kg	100	ND	88.8	80-120			
Toluene	85.7		"	100	ND	85.7	80-120			
Ethylbenzene	84.8		"	100	ND	84.8	80-120			
Xylene (p/m)	192		"	200	ND	96.0	80-120			
Xylene (o)	84.6		"	100	ND	84.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	101		"	100		101	80-120			
Surrogate: 4-Bromofluorobenzene	103		"	100		103	80-120			

Matrix Spike Dup (EE51312-MSD1)

Source: 5E12014-02

Prepared: 05/13/05 Analyzed: 05/14/05

Benzene	92.9		ug/kg	100	ND	92.9	80-120	4.51	20	
Toluene	90.3		"	100	ND	90.3	80-120	5.23	20	
Ethylbenzene	92.0		"	100	ND	92.0	80-120	8.14	20	
Xylene (p/m)	211		"	200	ND	106	80-120	9.90	20	
Xylene (o)	94.4		"	100	ND	94.4	80-120	10.9	20	
Surrogate: a,a,a-Trifluorotoluene	115		"	100		115	80-120			
Surrogate: 4-Bromofluorobenzene	113		"	100		113	80-120			

Environmental Lab of Texas

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Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Lea Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/05 09:05

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE51301 - General Preparation (Prep)										
Blank (EE51301-BLK1)				Prepared & Analyzed: 05/13/05						
% Moisture	ND	0.1	%							
Duplicate (EE51301-DUP1)				Source: 5E12011-01		Prepared & Analyzed: 05/13/05				
% Solids	98.2		%		97.4			0.818	20	
Batch EE51404 - Water Extraction										
Blank (EE51404-BLK1)				Prepared & Analyzed: 05/13/05						
Chloride	ND	0.500	mg/kg							
LCS (EE51404-BSI)				Prepared & Analyzed: 05/13/05						
Chloride	10.2		mg/L	10.0		102	80-120			
Calibration Check (EE51404-CCV1)				Prepared & Analyzed: 05/13/05						
Chloride	10.4		mg/L	10.0		104	80-120			
Duplicate (EE51404-DUP1)				Source: 5E13025-04		Prepared & Analyzed: 05/13/05				
Chloride	1670	50.0	mg/kg		1680			0.997	20	

Rains All American EH & S
1301 S County Road 1150
Midland TX, 79706-4476

Project: Lea Station Landfarm
Project Number: 2004-00061
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/05 09:05

Notes and Definitions

J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP-J-Flag).
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:

Raland K. Tuttle

Date:

5/17/2005

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

Jeanne McMurray, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas



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12600 West I-20 East Phone: 915-563-1800
Odessa Texas 79763 Fax: 915-563-1713

Sampler Signature:



PO#:

Special Instructions						Sample Containers Intact? <input checked="" type="radio"/> N	
Please Fax results to Pat McCasland at (505)394-2601						Temperature Upon Request 2.0°C	
Relinquished:	Date	Time	Received by:	Date	Time	Laboratory Comments:	
	5-12-05	1627					
Relinquished:	Date	Time	Received by:	Date	Time	4oz glass on ice w/labels	
				05-12-05	1627		

12600 West I-20 East Phone: 915-563-1800
Odessa Texas 79763 Fax: 915-563-1713

Sampler Signature:

PO#:

Special Instructions						Sample Containers Intact? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Please Fax results to Pat McCasland at (505)394-2601						Temperature Upon Request 2.0C	
Relinquished:	Date	Time	Received by:	Date	Time	Laboratory Comments:	
	5-12-05	1627				4oz glass on ice w/labels	
Relinquished:	Date	Time	Received by:	Date	Time		
				05-12-05	1627		

Environmental Lab of Texas
Variance / Corrective Action Report - Sample Log-In

Client: EP1
 Date/Time: 5/12/05 9:50
 Order #: SP20
 Initials: CR

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	2.6 C
Shipping container/cooler in good condition?	<input checked="" type="checkbox"/> Yes	No	
Custody Seals intact on shipping container/cooler?	Yes	No	Not present
Custody Seals intact on sample bottles?	Yes	No	Not present
Chain of custody present?	<input checked="" type="checkbox"/> Yes	No	
Sample Instructions complete on Chain of Custody?	<input checked="" type="checkbox"/> Yes	No	
Chain of Custody signed when relinquished and received?	<input checked="" type="checkbox"/> Yes	No	
Chain of custody agrees with sample label(s)	<input checked="" type="checkbox"/> Yes	No	
Container labels legible and intact?	<input checked="" type="checkbox"/> Yes	No	
Sample Matrix and properties same as on chain of custody?	<input checked="" type="checkbox"/> Yes	No	
Samples in proper container/bottle?	<input checked="" type="checkbox"/> Yes	No	
Samples properly preserved?	<input checked="" type="checkbox"/> Yes	No	
Sample bottles intact?	<input checked="" type="checkbox"/> Yes	No	
Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	No	
Containers documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	No	
Sufficient sample amount for indicated test?	<input checked="" type="checkbox"/> Yes	No	
All samples received within sufficient hold time?	<input checked="" type="checkbox"/> Yes	No	
VCC samples have zero headspace?	<input checked="" type="checkbox"/> Yes	No	Not Applicable

Other observations:

Variance Documentation:

Contact Person: _____ Date/Time: _____ Contacted by: _____
 Regarding: _____

Corrective Action Taken:



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#: 159226 **Report Date:** 09/14/04
Project ID: 2003-00339
Sample Name: SPLSLF83104CE-4'
Sample Matrix: soil
Date Received: 09/02/2004 **Time:** 10:00
Date Sampled: 08/31/2004 **Time:** 13:30

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
TPH by GC (as diesel)	<2.5	mg/Kg	2.5	<2.5	09/09/04	8015 mod.	---	5.8	105.7	106.7	115.1
TPH by GC (as diesel-ext)	---	---	---	---	09/08/04	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	09/09/04	8015 mod.	J	10.9	103.6	105.5	116.5
Volatile organics-8260b/BTEX	---	---	---	---	09/07/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	09/07/04	8260b	---	1.4	89.3	90.7	95.4
Ethylbenzene	<20	µg/Kg	20	<20	09/07/04	8260b	---	0.9	95.3	104.2	101.5
m,p-Xylenes	<40	µg/Kg	40	<40	09/07/04	8260b	---	2.2	94	102.2	98.4
o-Xylene	<20	µg/Kg	20	<20	09/07/04	8260b	---	0.5	93.6	103.2	103.4
Toluene	<20	µg/Kg	20	<20	09/07/04	8260b	---	1.7	94.7	97.3	112.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

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.



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: 2003-00339
Sample Name: SPLSLF83104CE-4'

Report#/Lab ID#: 159226
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	91.4	30-125	---
p-Terphenyl	8015 mod.	101	30-160	---
1,2-Dichloroethane-d4	8260b	90.8	56-120	---
Toluene-d8	8260b	102	71-116	---

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

Exceptions Report:

Report #/Lab ID#: 159226 **Matrix:** soil

Client: Environmental Plus, Inc.

Attn: Iain Olness

Project ID: 2003-00339

Sample Name: SPLSLF83104CE-4'

Sample Temperature/Condition: $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. 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
TPH by GC (as gasoline)	J	See J-flag discussion above.

Notes:

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#: 159227 **Report Date:** 09/14/04
Project ID: 2003-00339
Sample Name: SPLSLF83104CC-4'
Sample Matrix: soil
Date Received: 09/02/2004 **Time:** 10:00
Date Sampled: 08/31/2004 **Time:** 13:50

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA ¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<2.5	mg/Kg	2.5	<2.5	09/09/04	8015 mod.	---	5.8	105.7	106.7	115.1
TPH by GC (as diesel-ext)	---	---	---	---	09/08/04	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	09/09/04	8015 mod.	---	10.9	103.6	105.5	116.5
Volatile organics-8260b/BTEX	---	---	---	---	09/07/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	09/07/04	8260b	---	1.4	89.3	90.7	95.4
Ethylbenzene	<20	µg/Kg	20	<20	09/07/04	8260b	---	0.9	95.3	104.2	101.5
m,p-Xylenes	<40	µg/Kg	40	<40	09/07/04	8260b	---	2.2	94	102.2	98.4
o-Xylene	<20	µg/Kg	20	<20	09/07/04	8260b	---	0.5	93.6	103.2	103.4
Toluene	<20	µg/Kg	20	<20	09/07/04	8260b	---	1.7	94.7	97.3	112.3

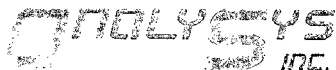
This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

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.



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: 2003-00339
Sample Name: SPLSLF83104CC-4'

Report#/Lab ID#: 159227
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	89.3	30-125	---
p-Terphenyl	8015 mod.	94.7	30-160	---
1,2-Dichloroethane-d4	8260b	94.1	56-120	---
Toluene-d8	8260b	105	71-116	---

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


AnalySys Inc.

4221 Freidrich Lane, Suite 190, Austin, TX 78744
512-444-5896 FAX: 512-447-4766

2209 N. Padre Island Dr., Corpus Christi, TX 78408

Chain of Custody Form



Company Name		Environmental Plus, Inc.		Bill To				ANALYSIS REQUEST																
EPI Project Manager		Iain Olness		 Attn: Jimmy Bryant PO Box 1660, Midland, TX 79701																				
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		Lea Station Land Farm																						
Project Reference		2003-00339																						
EPI Sampler Name		Mike Brawley																						
LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.		SAMPLING		BTX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES (SO ₄)	pH	TCLP	OTHER >>>	PAH		
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME										
159226	1 SPLSLF83104CE-4'	G	1			X					X		31-Aug	1:30	X	X								
159227	2 SPLSLF83104CC-4'	G	1			X					X		31-Aug	1:50	X	X								
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								

Sampler Relinquished:	Date 8-31	Received By:	E-mail results to: iolness@hotmail.com and enviplus1@aol.com REMARKS:
Relinquished by: <i>Michael Olness</i>	Time 4:00	Received By: (lab staff)	
	Date 9/2/04	Time 10:00 <i>27/10/04/AS1</i>	
Delivered by:	Sample Cool & Intact Yes No	Checked By:	

T: 580

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: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 152044 **Report Date:** 03/09/04
Project ID: #2003-00339
Sample Name: CESLESLF11604BGS
Sample Matrix: soil
Date Received: 01/22/2004 **Time:** 09:50
Date Sampled: 01/16/2004 **Time:** 10:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Metals Dig.-Hg	---	---	---	---	01/30/04	7471&245.2	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	01/23/04	3050b	---	---	---	---	---
TPH by GC (as diesel)	<2.5	mg/Kg	2.5	<2.5	01/26/04	8015 mod.	S,M	10.6	Mt.Intf.	88.6	91.2
TPH by GC (as diesel-ext)	---	---	---	---	01/26/04	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/26/04	8015 mod.	---	10.4	85.7	86.2	79.3
Aluminum/ICP	---	mg/Kg	1000	<1000	01/30/04	6010 & 200.7	---	8.91	108.64	98.46	85.44
Arsenic/ICP	<1	mg/Kg	1	<1	01/29/04	6010 & 200.7	J	6.16	102.71	100.22	102.88
Barium/ICP	---	mg/Kg	0.5	<0.5	01/29/04	6010 & 200.7	S2	9.19	80.36	96.35	82.4
Beryllium/ICP	<2	mg/Kg	0.2	<2	01/29/04	6010 & 200.7	J	10.52	79.75	95.1	82.14
Boron/ICP	<1	mg/Kg	1	<1	01/29/04	6010 & 200.7	J,S2	5.9	99.19	100.56	86.52
Cadmium/ICP	<2	mg/Kg	0.2	<2	01/29/04	6010 & 200.7	---	5.6	78.1	98.7	86.84
Calcium/ICP	---	mg/Kg	10	<10	03/08/04	6010 & 200.7	B,S3,P	5.021	-NA-	101.4	-NA-
Chromium/ICP	---	mg/Kg	0.5	<0.5	01/29/04	6010 & 200.7	---	4.05	91.12	100.44	111.76
Cobalt/ICP	<1	mg/Kg	1	<1	01/29/04	6010 & 200.7	J	5.4	70.29	101.02	82.84
Copper/ICP	<1	mg/Kg	1	<1	01/29/04	6010 & 200.7	J	10.07	84.15	98.38	86.6
Iron/ICP	---	mg/Kg	200	<200	01/29/04	6010 & 200.7	---	27.49	128.49	96.35	93.24
Lead/ICP	<1	mg/Kg	1	<1	01/29/04	6010 & 200.7	J	4.52	65.28	98.59	82.76
Magnesium/ICP	---	mg/Kg	10	<10	03/08/04	6010 & 200.7	S3,P	3.593	-NA-	102.8	-NA-
Manganese/ICP	---	mg/Kg	0.5	<0.5	01/29/04	6010 & 200.7	---	4.39	101.65	100.88	83.76
Mercury/CVAA	<0.04	mg/Kg	0.04	<0.04	01/30/04	245.5&7471	---	0	106.62	96.5	96.5
Molybdenum/ICP	<1	mg/Kg	1	<1	01/29/04	6010 & 200.7	---	1.29	88.26	101.04	84.56

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. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

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). 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.

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: Pat McCasland

Project ID: #2003-00339
Sample Name: CESLESLF11604BGS

Report#/Lab ID#: 152044
Sample Matrix: soil

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Nickel/ICP	<20	mg/Kg	1	<1	01/29/04	6010 & 200.7	---	7.35	72.36	98.52	82.04
Potassium/AA	<100	mg/Kg	100	<100	02/04/04	258.1&7610	---	1.71	88.05	93.03	98.76
Selenium/ICP	<1	mg/Kg	1	<1	01/29/04	6010 & 200.7	---	8.2	76.76	98.86	84.2
Silver/ICP	<0.5	mg/Kg	0.5	<0.5	01/29/04	6010 & 200.7	---	12.16	88.16	100.96	97.16
Sodium/ICP	<25	mg/Kg	25	<25	03/08/04	6010 & 200.7	S3,P	7.595	-NA-	104.6	-NA-
Strontium/ICP	<2	mg/Kg	2	<2	01/29/04	6010 & 200.7	---	7.92	101.01	97.45	82.4
Tin/ICP	<1	mg/Kg	1	<1	01/29/04	6010 & 200.7	---	4.91	105.38	98.79	85.54
Vanadium/ICP	<1	mg/Kg	1	<1	01/29/04	6010 & 200.7	---	7.12	86.6	99.3	81.24
Zinc/ICP	<0.5	mg/Kg	0.5	<0.5	01/29/04	6010 & 200.7	---	0.84	71.92	99.54	84.24
Alkalinity, bicarbonate	<50	mg/Kg	50	<50	02/02/04	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<50	mg/Kg	50	<50	02/02/04	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	<2.5	mg/Kg	2.5	<2.5	02/06/04	325.2&9251	---	1.24	98.64	104.25	91.51
Sulfate	<5	mg/Kg	5	<5	02/06/04	375.4&9038	---	1.24	89.64	94.61	104.37
Volatile organics-8260b/BTEX	---		---		01/26/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/26/04	8260b	---	1.6	95.1	115.3	104.8
Ethylbenzene	<20	µg/Kg	20	<20	01/26/04	8260b	---	8.8	93.1	107.8	105.7
m,p-Xylenes	<40	µg/Kg	40	<40	01/26/04	8260b	---	8.7	95.6	106.4	107.8
o-Xylene	<20	µg/Kg	20	<20	01/26/04	8260b	---	8.1	94.4	108	107.7
Toluene	<20	µg/Kg	20	<20	01/26/04	8260b	---	2.4	94.7	117	109.4

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: Pat McCasland

Project ID: #2003-00339
Sample Name: CESLELSLF11604BGS

Report#/Lab ID#: 152044
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	75	36-140	---
p-Terphenyl	8015 mod.	65.3	40-121	---
1,2-Dichloroethane-d4	8260b	86.9	56-120	---
Toluene-d8	8260b	89.8	71-116	---

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

Exceptions Report:

Report #/Lab ID#: 152044 Matrix: soil

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Project ID: #2003-00339

Sample Name: CESLELSLF11604BGS

Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. 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
TPH by GC (as diesel)	S,M	MS and/or MSD recoveries outside advisory/acceptance limits. LCS recovery in-limits; indicative of matrix interference as evidenced by M-flag.
Arsenic/ICP	J	See J-flag discussion above.
Barium/ICP	S2	PDS recovery outside advisory/acceptance limits. MS & MSD recoveries OK-PDS not required.
Beryllium/ICP	J	See J-flag discussion above.
Boron/ICP	S2	PDS recovery outside advisory/acceptance limits. MS & MSD recoveries OK-PDS not required.
Boron/ICP	J	See J-flag discussion above.
Calcium/ICP	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Calcium/ICP	P	
Calcium/ICP	B	One or more method/calib. or Prep. blanks associated with the analysis were found to have analyte above the RQL. However, the sample result is more than five times the conc. of the blank and impact on sample quantitation is negligible.
Calcium/ICP	B	
Calcium/ICP	S3	MS, MSD & PDS recovery outside advisory/acceptance limits. Either no LCS or LCS recovery outside advisory/acceptance limits.
Cobalt/ICP	J	See J-flag discussion above.
Copper/ICP	J	See J-flag discussion above.
Lead/ICP	J	See J-flag discussion above.
Magnesium/ICP	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Magnesium/ICP	P	
Magnesium/ICP	S3	MS, MSD & PDS recovery outside advisory/acceptance limits. Either no LCS or LCS recovery outside advisory/acceptance limits.
Sodium/ICP	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
Sodium/ICP	P	
Sodium/ICP	S3	MS, MSD & PDS recovery outside advisory/acceptance limits. Either no LCS or LCS recovery outside advisory/acceptance limits.

Exceptions Report:

Report #/Lab ID#: 152044 **Matrix:** soil

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Project ID: #2003-00339

Sample Name: CESLELSLF11604BGS

Notes:

CHAIN-OF-CUSTODY

and Report To:

Company Name Environmental Plus

Address 2100 Ave O

City Euless State TX Zip 75023

Phone 505-394-3481 Fax 505-394-2601

Project Name/PO#: 2003-00339 Sampler: Frank Hernandez

Status (must be confirmed with lab mgr.):

Project Name/PO#: 2003-00339 Sampler: Frank Hernandez

Bill to (if different):

Company Name Libik Energy

Address 5805 Hwy 80

City Midland State TX Zip 79701

ATTN: Frank Hernandez

Phone 505-631-3095 Fax 505-396-2754

ANALYSYS INC.

4221 Freidrich Lane, Suite 190, Austin, TX 78744

(512) 444-5896

Analyses Requested (1)

Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	<div>TPH BTEX RCRA Asbestos</div>										Comments
LELSLF11604865	1-16-04	10:00	1	X			152044	X	X	X	X							

Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting method (DL/POL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutants or SL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

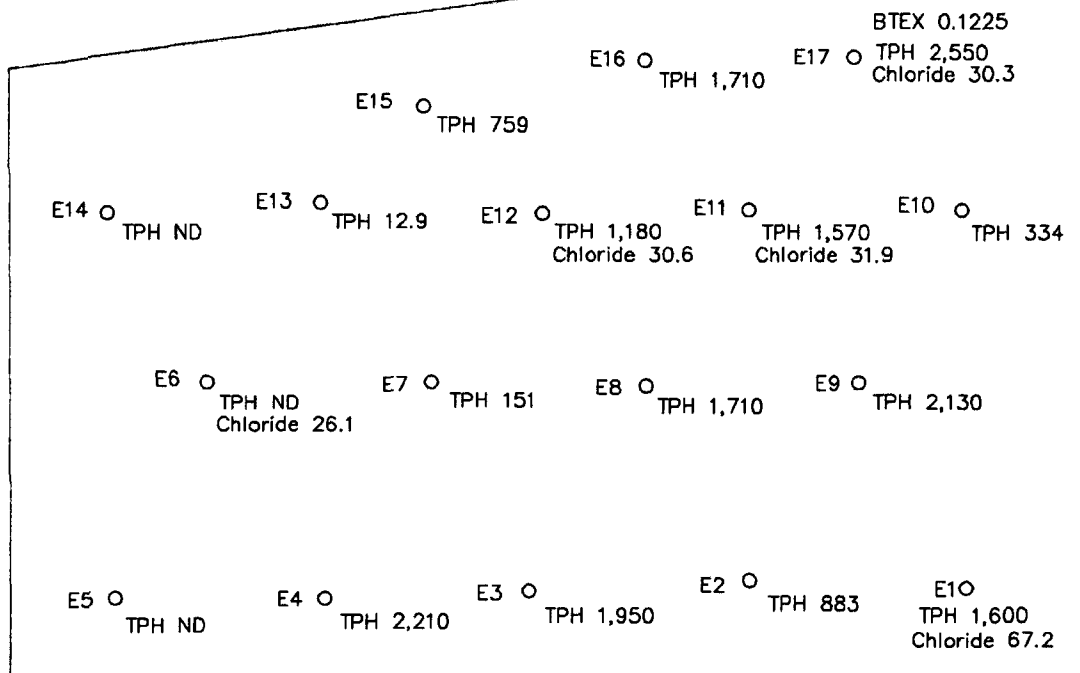
T: 5.2°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
<u>Frank Hernandez</u>	<u>Environmental Plus</u>	<u>1-16-04</u>		<u>L. Thompson</u>	<u>ASI</u>	<u>1/22/04</u>	<u>09:50</u>

Turning over of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.

FIGURES

Cell E
(~156,200-square feet)



Road

LEGEND

E10 - Sample Location & Sample ID
 ND = Not Detected
 TPH = Total Petroleum Hydrocarbon
 BTEX = benzene, toluene, ethylbenzene and total xylenes

Results in milligrams per kilogram (mg/Kg)

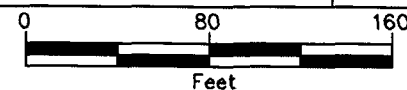
ND = Not Detected

Figure 1
 Cell E Lift Sample Location Map
 May 12, 2005
 Plains Pipeline, L.P.
 Lea Station Landfarm #2004-00061

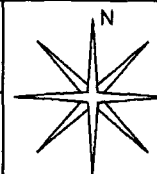
W $\frac{1}{2}$ of the NW $\frac{1}{4}$ of Sec. 28, T20S, R37E
 N 32°32' 56" W 103°15' 45"
 3,505 feet-amsl
 Lea County, New Mexico

DWG By: Daniel Dominguez
 October 2005

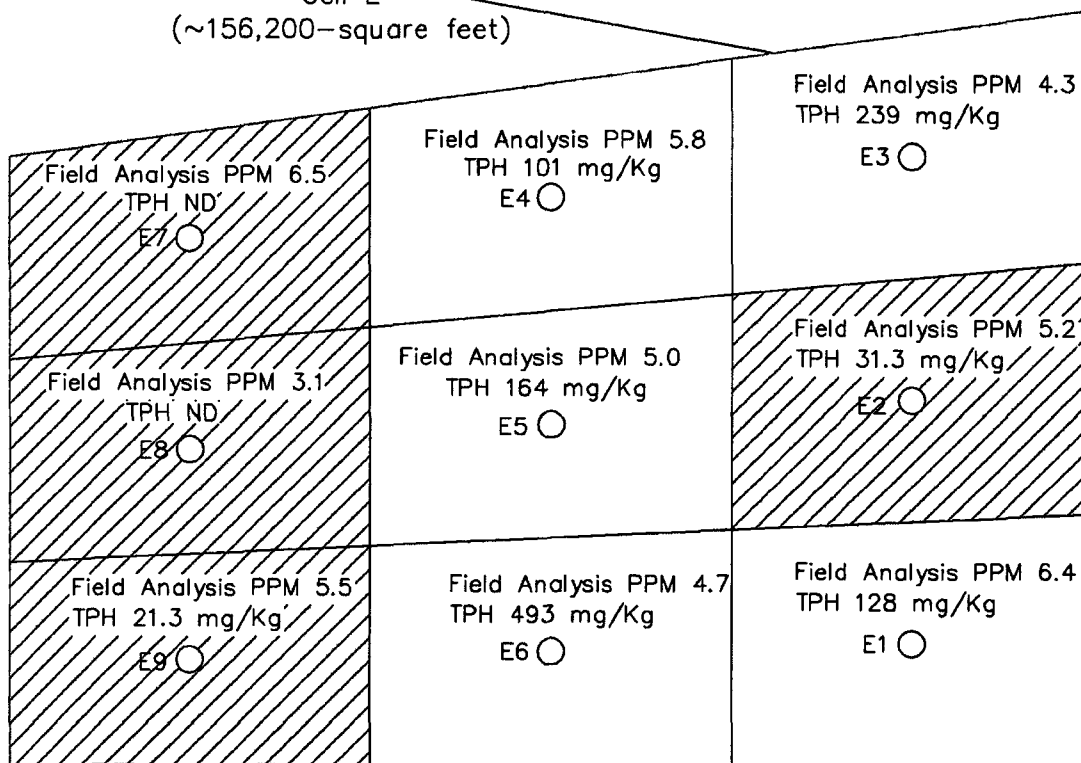
REVISED:



SHEET
 1 of 1




Cell E
(~156,200-square feet)



Road

LEGEND

E1 - Sample ID
 ○ - Sample Location
 PPM - Parts Per Million
 TPH - Total Petroleum Hydrocarbons

 Indicates Sectors below the 100 mg/Kg TPH threshold.

E1 - Sector ID
 ND = Not Detected
 Each sector represents 400 to 600 cubic yards

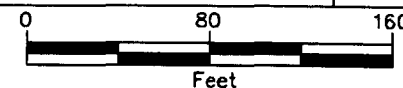
TPH results in milligrams per kilogram (mg/Kg)

Figure 2
 Cell E Lift Sample Location Map
 September 8, 2005
 Plains Pipeline, L.P.
 Lea Station Landfarm #2004-00061

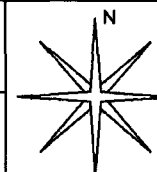
W $\frac{1}{2}$ of the NW $\frac{1}{4}$ of Sec. 28, T20S, R37E
 N 32°32' 56" W 103°15' 45"
 3,505 feet-amsl
 Lea County, New Mexico

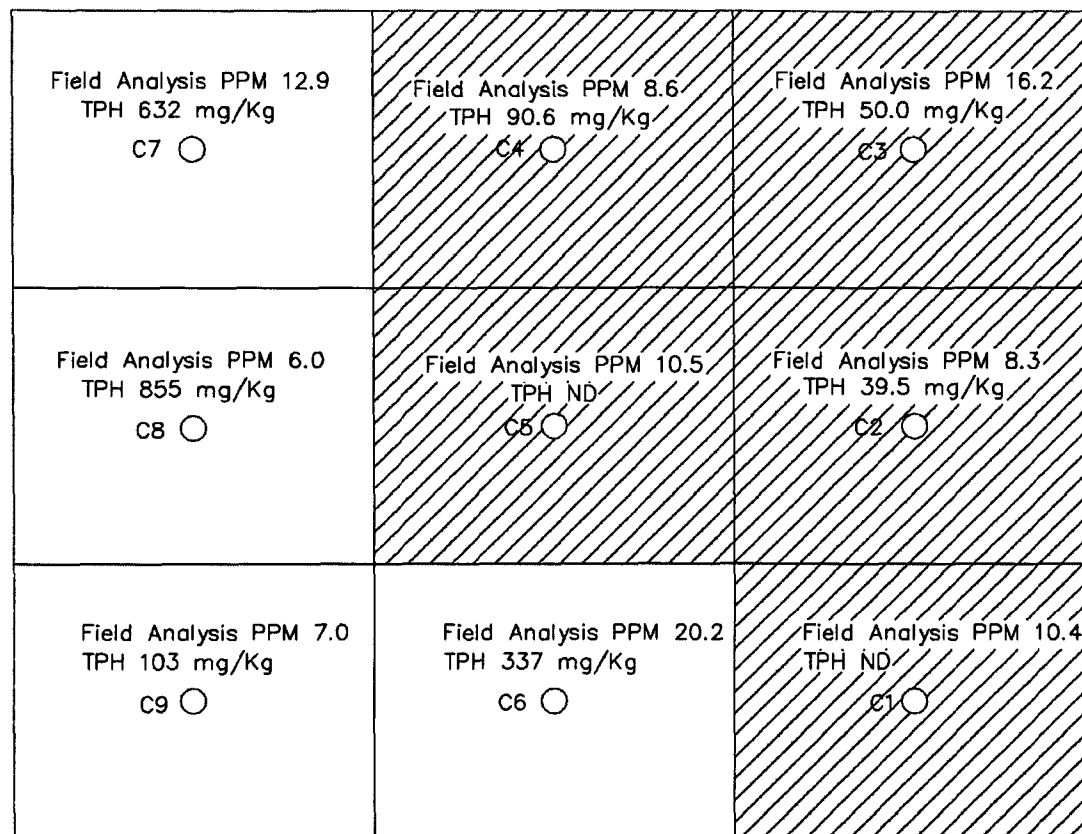
DWG By: Daniel Dominguez
 October 2005

REVISED:



SHEET
 1 of 1





Road

Road

Cell C Perimeter Berm

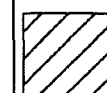
LEGEND

○ – Sample Location

C6 – Sample ID

PPM – Parts Per Million

TPH – Total Petroleum
Hydrocarbons



Indicates Sectors below
the 100 mg/Kg TPH
threshold.

C1 – Sector ID
ND = Not Detected
Each sector represents 400 to 600 cubic yards

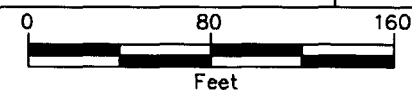
TPH results in milligrams per
kilogram (mg/Kg)

Figure 3
Cell C Lift Sample Location Map
September 8, 2005
Plains Pipeline, L.P.
Lea Station Landfarm #2004-00061

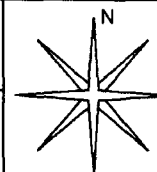
W $\frac{1}{2}$ of the NW $\frac{1}{4}$ of Sec. 28, T20S, R37E
N 32°32' 56" W 103°15' 45"
3,505 feet-amsl
Lea County, New Mexico

DWG By: Daniel Dominguez
October 2005

REVISED:



SHEET
1 of 1



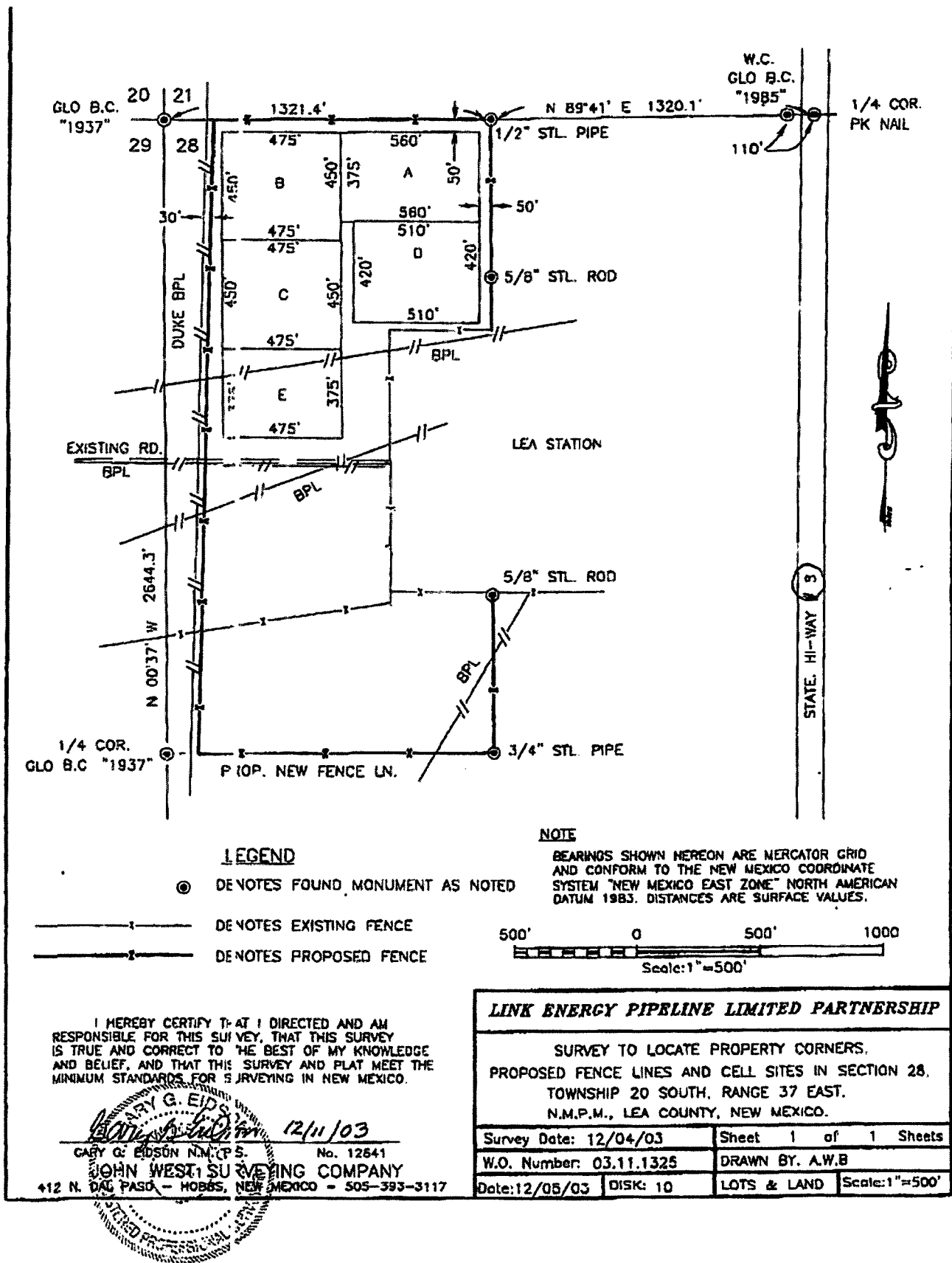
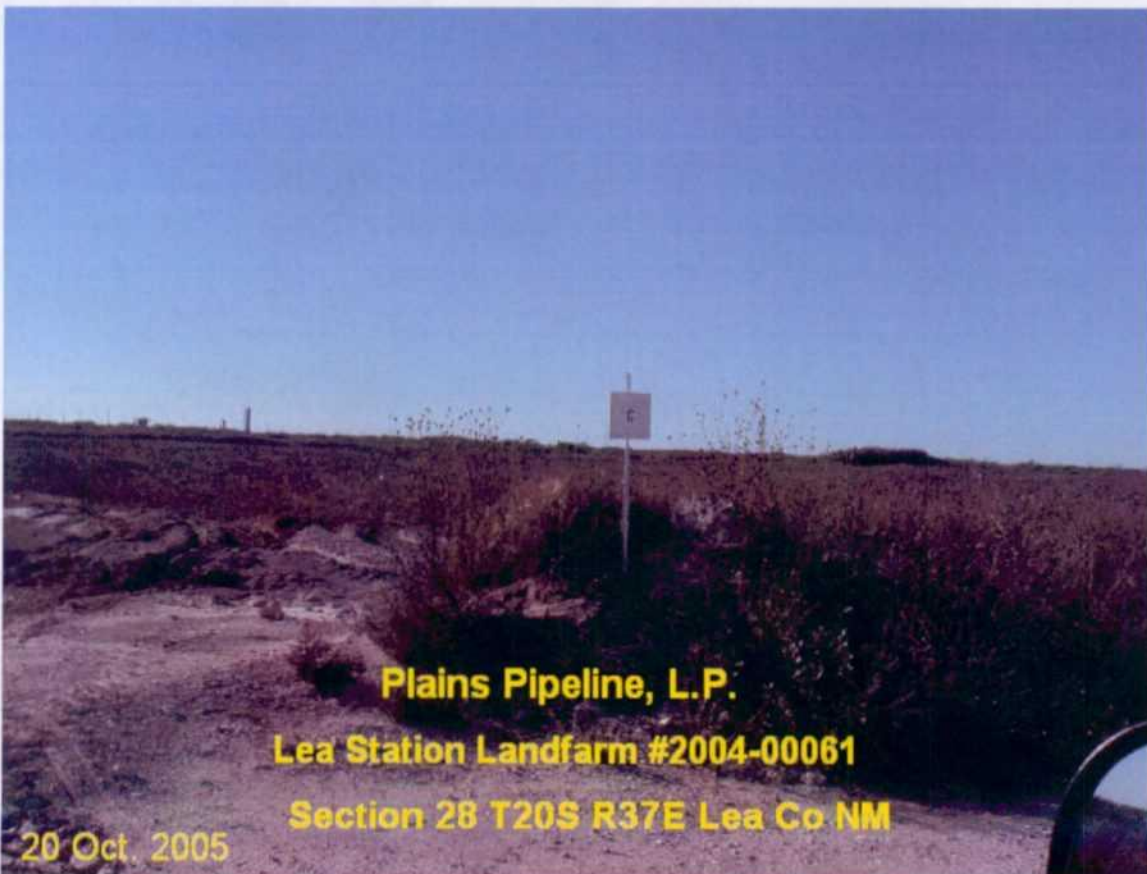
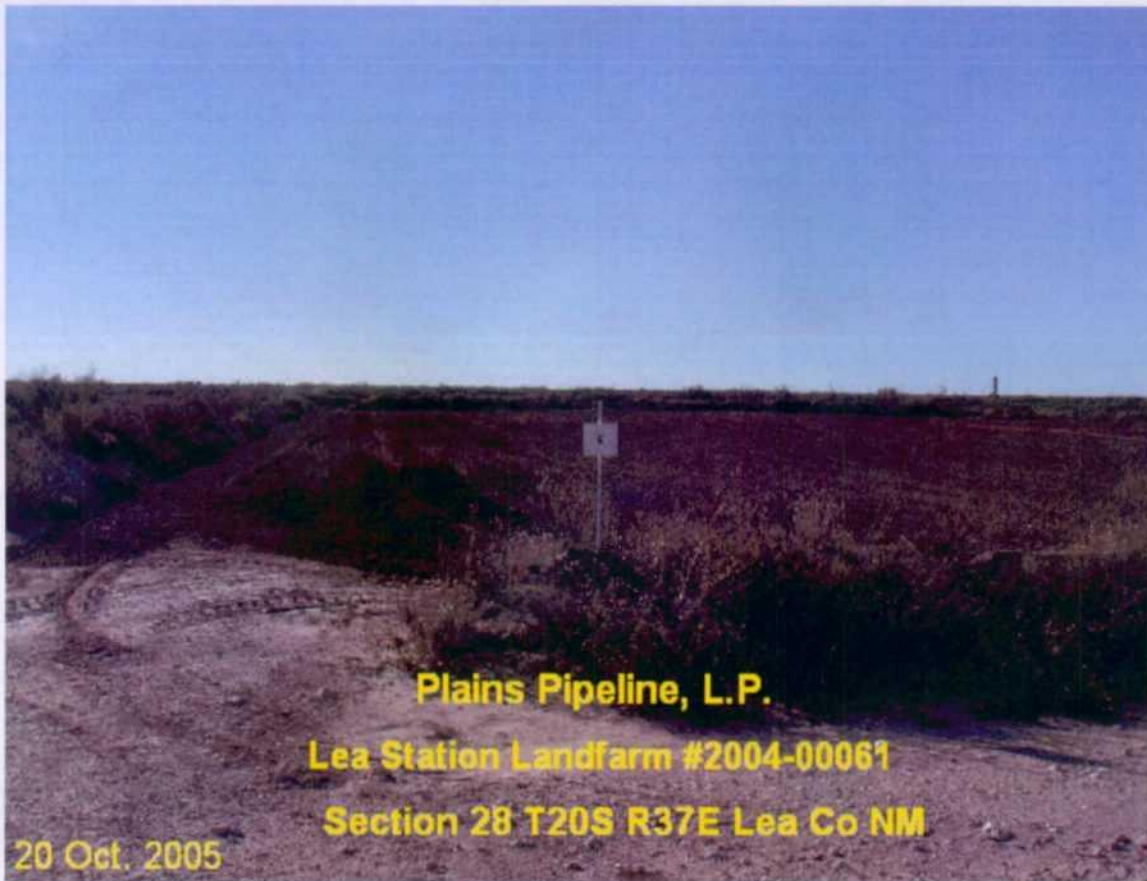
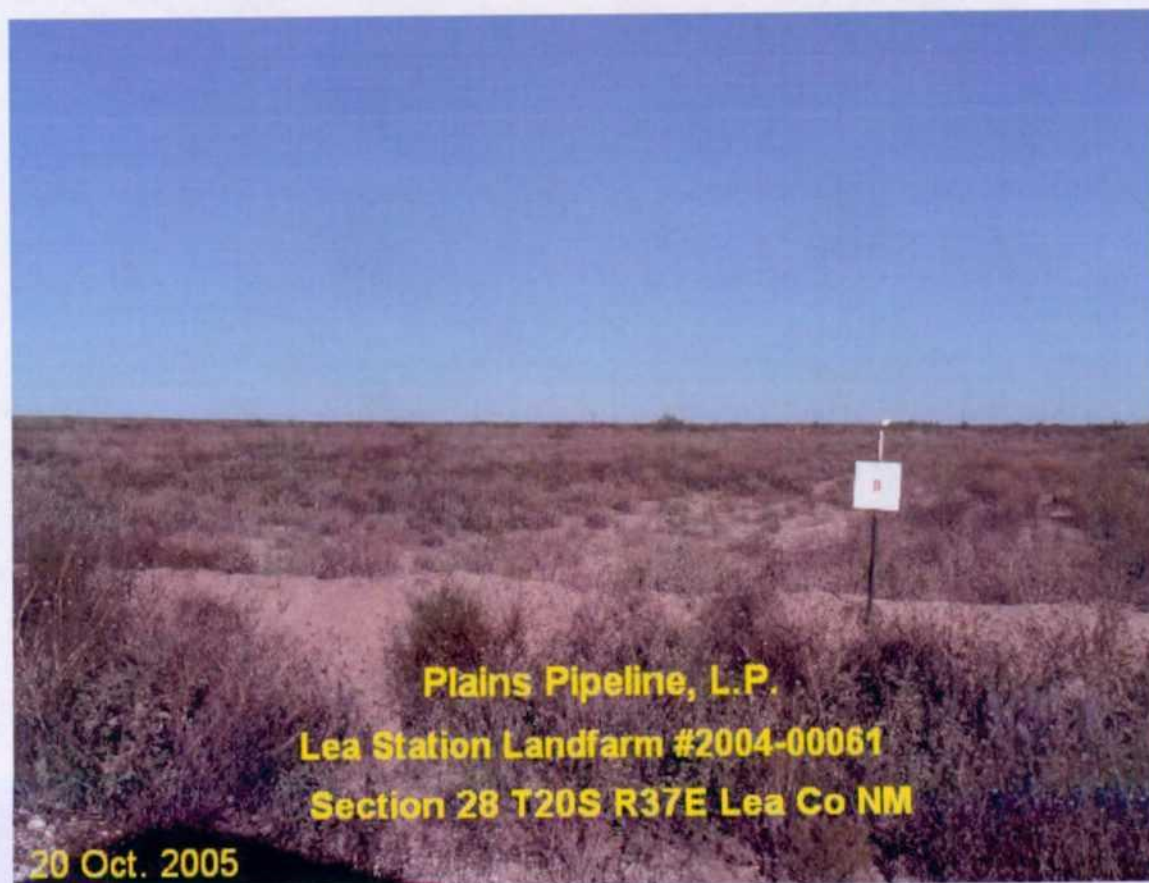
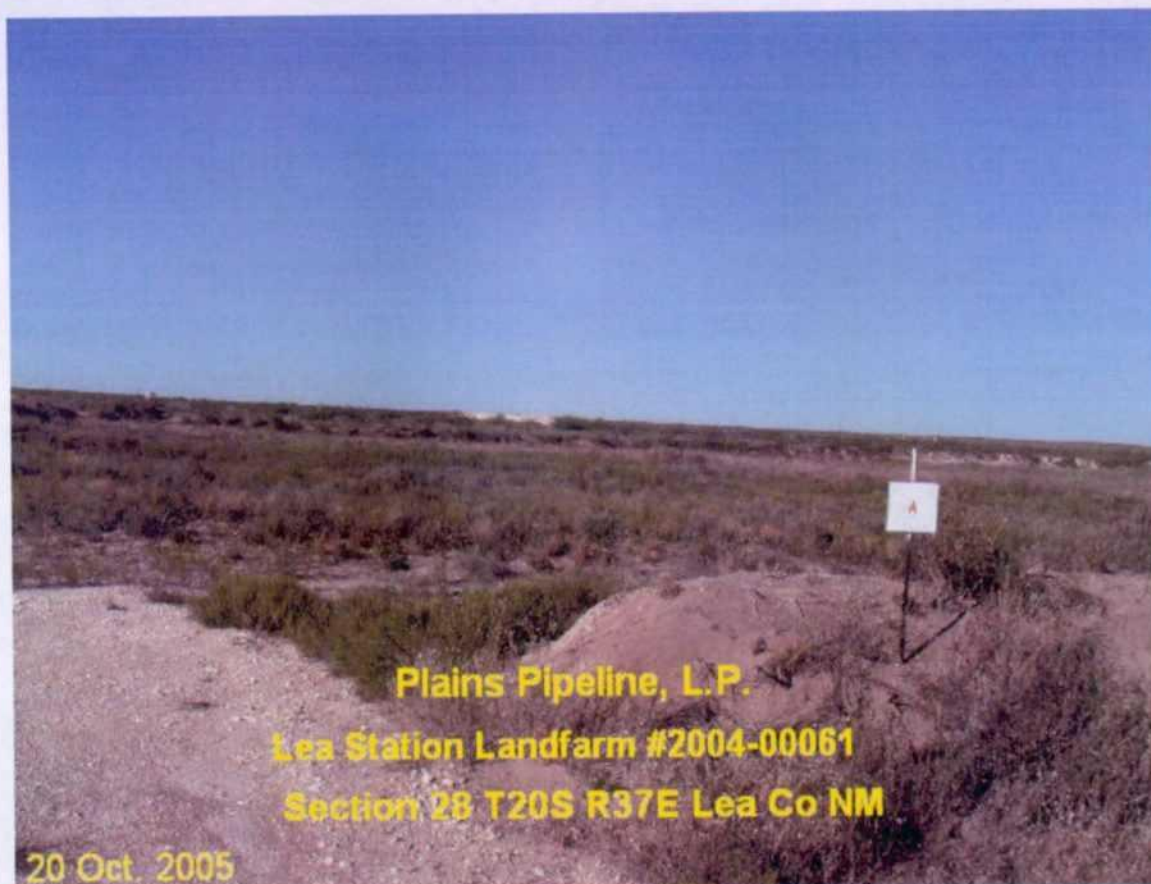


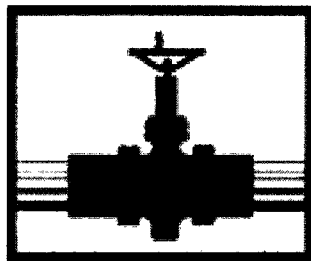
Figure 4: Lea Station Landfarm Survey Map

PHOTOGRAPHS









PLAINS
ALL AMERICAN
PIPELINE, L.P.

ANNUAL MONITORING REPORT

LEA STATION
PLAINS REF: 2003-00339

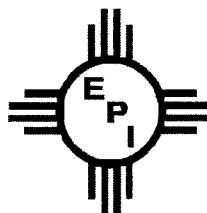
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~9.5 MILES NORTH-NORTHWEST (313°) OF
EUNICE, LEA COUNTY, NEW MEXICO
LATITUDE: N32° 32' 51.3" LONGITUDE: W103° 15' 37.0"

JANUARY 21, 2005

PREPARED BY:

Environmental Plus, Inc.

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



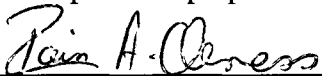
Standard of Care

Annual Monitoring Report

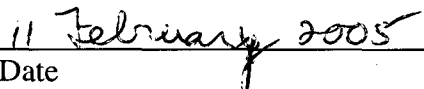
Lea Station
Ref. # 2003-00339

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:

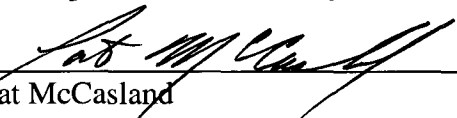


Iain A. Olness, P.G.
Hydrogeologist

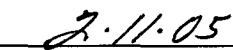


Date

This report was reviewed by:



Pat McCasland



Date

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I. Background

Lea Station is located approximately 9 miles north-northwest of Eunice in Lea County, New Mexico, at an elevation of approximately 3,495 feet above mean sea level (reference Figures 1 and 2). The site is located in the Monument-Jal Oil Field and is utilized as a crude oil pipeline pumping station. There are no residences or surface water bodies within a 1,000-foot radius of the facility. The facility is surrounded by a barbed wire fence and has a locked gate (reference Figure 3).

In 1992, Shell Pipeline Corporation (SPLC) retained CURA to establish baseline conditions of the subsurface environment at the site. In December 1992, 12 soil borings were advanced around the site and seven groundwater monitoring wells were installed. Analytical results for soil samples collected during this phase of the investigation indicated two general areas, one in the eastern half and one in the western half of the site, were identified as hydrocarbon-impacted areas by elevated total petroleum hydrocarbon (TPH) concentrations in soils (>100 parts per million (ppm) TPH). Analytical results for groundwater samples collected during this phase of the investigation indicated dissolved phase hydrocarbon contaminants present in five of the seven groundwater samples.

Based on these results, an additional four soil borings were advanced and an additional four groundwater monitoring wells were installed in September 1993. Results of this and previous phases of the investigation indicated three hydrocarbon-impacted areas present on the site, one in the eastern portion, one in the north-central portion and one in the western portion. In addition, phase separated hydrocarbons (PSH) were detected in groundwater monitoring well MW-8. Due to the presence of PSH and the extent of hydrocarbon-impacted soil and groundwater, CURA recommended that feasibility testing be completed to evaluate soil and groundwater remedial methods for potential implementation at the site.

In September 1994, CURA submitted a *Remediation Plan* to SPLC. The plan consisted of a soil vapor extraction (SVE) and product-only pumping system in the vicinity of groundwater monitoring well MW-8. The *Remediation Plan* included the installation of two recovery wells (RW-1 and RW-2), installation of two PSH only pump/air extraction units (one unit each in RW-1 and RW-2), regulatory notification of air emissions, final installation of the system, performance monitoring, operations and maintenance activities and reporting.

In February 1995, a remediation system consisting of SVE with product-only pumping was installed at the west end of the site. The system was designed with high vacuum levels at the wellheads in an effort to induce oil flow towards the wells, as observed during the pilot testing. Recovery of PSH occurred from 1994 to 2003. Currently no PSH is present in this area and the SVE system has been turned off.

An *Annual Monitoring Report* was submitted to the NMOCD in February 2004 documenting the results of the quarterly gauging, PSH recovery efforts and sampling of the groundwater monitoring well network during 2003. The first three sampling events of 2003 (January 28, April 2, and July 8) were completed by Enercon Services, Inc. for SPLC. Link Energy, LLC inherited the site in December 2003 and Environmental Plus, Inc. conducted the final 2003 sampling event

on December 17, 2003. Link assets were acquired by Plains All American Pipeline in April 2004.

II. Field Activities

Site visits were made on January 21, March 1, May 21, June 3, June 18, July 12, September 3, September 24, October 15, November 9, November 19, and December 7, 2004 to recover PSH from the impacted groundwater monitoring wells (i.e., MW-1, MW-2, MW-3, MW-4 and MW-11). In addition, groundwater monitoring wells were gauged to determine the depth to PSH (if present) and groundwater.

Site visits were made on May 6, July 23, September 30 and December 17, 2004 to complete the aforementioned activities and to collect groundwater samples for laboratory analyses.

III. Groundwater Gradient and PSH Thickness

Monitoring wells were gauged prior to purging to determine the depth to groundwater and the thickness of any PSH. Except for minor fluctuations, groundwater levels have risen, on the average, 2.25 feet throughout the year (reference Figures 17 through 20). PSH were only detected in groundwater monitoring well MW-2 during the past year, but was not detected during the December 7 gauging event nor during the December 17 sampling event. PSH levels in groundwater monitoring well MW-2 increased during the first half of the year and decreased during the second half of the year. No PSH were detected in the remaining monitoring wells during the past year. A summary of groundwater elevations and PSH thickness is included in Table 1.

Based on data collected during the four sampling events, groundwater is flowing to the southeast (reference Figures 21, 23, 25 and 27) and is consistent with historical data.

IV. PSH Recovery

Absorbent booms and hand bailing accomplish recovery of PSH on-site. Approximately 260 gallons of PSH have been recovered to date. Between December 18, 2003 and December 17, 2004, approximately 34 gallons were recovered by manual means. A total of five wells had PSH present on the water column in the well at the beginning of 2004. The thickness of PSH ranged from a skim to 0.61 feet. No PSH were detected in any of the groundwater monitoring wells during the final sampling events of 2004. A summary of PSH recovery is presented in Table 1.

V. Groundwater Sampling

Groundwater monitoring wells are sampled on a quarterly basis until such time that analytical results indicate contaminant concentrations are below the New Mexico Water Quality Control Commission (MNWQCC) Groundwater Standards for eight consecutive quarters. The samples are submitted to an independent laboratory for quantification of benzene, toluene, ethylbenzene and total xylenes (BTEX) on a quarterly basis and poly-aromatic hydrocarbons (PAH) on an annual basis. After receipt of analytical results indicating contaminant concentrations below the

NMWQCC standards for eight consecutive quarters, the groundwater monitoring wells are sampled on an annual basis and the samples submitted for quantification of BTEX, until such time when analytical results for samples collected from the groundwater monitoring well network are below NMWQCC standards for eight consecutive quarters. Groundwater monitoring wells from which samples have been collected, analytical results have been below the NMWQCC standards for eight consecutive quarters and are no longer needed to monitor the existing contaminant plume will be scheduled to be sealed.

Groundwater monitoring wells MW-1, MW-3, MW-9, MW-10, MW-11, MW-12 and MW-13 were sampled on May 6, 2004 and the samples submitted for quantification of total petroleum hydrocarbons (TPH) via EPA Method 8015 modified (8015M) and benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8260b.

Groundwater monitoring wells MW-4 and MW-12 were sampled on July 23, 2004 and the samples submitted for quantification of TPH via EPA Method 8015M and BTEX using EPA Method 8260b. In addition, groundwater monitoring wells MW-9 and MW-10 were sampled and the samples, along with the sample from groundwater monitoring well MW-12, were analyzed for poly-aromatic hydrocarbons (PAHs) using EPA Method 8310.

Groundwater monitoring wells MW-1, MW-2, MW-3, MW-11 and MW-12 were sampled on September 30, 2004 and the samples submitted for quantification of TPH via EPA Method 8015M and BTEX using EPA Method 8260b. In addition, groundwater monitoring wells MW-4 and MW-10 were sampled and the samples submitted for quantification of PAHs using EPA Method 8310.

Groundwater monitoring wells MW-1, MW-2, MW-3 and MW-11 were sampled on December 17, 2004 and the samples submitted for quantification of BTEX using EPA Method 8260b and PAHs using EPA Method 8310. In addition, groundwater monitoring well MW-12 was sampled and the sample was analyzed for BTEX using EPA Method 8260b.

VI. Groundwater Analytical Results

A total of five wells had PSH present on the water column in the well at the beginning of 2004. The thickness of PSH ranged from a skim to 0.61 feet. No PSH were detected in any of the groundwater monitoring wells during the final sampling events of 2004. A summary of PSH recovery is presented in Table 1. Dissolved BTEX and TPH concentrations generally decreased with some minor fluctuations across the site during the past year. Analytical results for PAH were non-detectable in the samples collected from groundwater monitoring wells MW-4, MW-9, MW-10 and MW-13. Low concentrations of PAHs were detected in the samples collected from groundwater monitoring wells MW-1 (4.12 µg/L), MW-3 (4.35 µg/L), MW-11 (8.9 µg/L) and MW-12 (0.47 µg/L). Elevated levels of PAHs were detected in the sample collected from groundwater monitoring well MW-2 (213 µg/L), which are likely due to the presence of PSH in the groundwater in the vicinity of the well in the recent past. A summary of groundwater analytical results is included as Table 2 and Table 3 and copies of the analytical results are included as Appendix A.

VII. Recommendations

Based on field monitoring and analytical results collected during the past year and analyzed in conjunction with data collected during the past eight years, the following changes are recommended in the sampling protocol and summarized in Table 4:

- 1) Field and analytical results indicated the presence of two separate contaminant plumes at the site in the past. A western plume located in the vicinity of groundwater monitoring wells MW-5, MW-6, MW-7 and MW-8 and recovery wells RW-1 and RW-2 and an eastern plume located in the vicinity of groundwater monitoring wells MW-1, MW-2, MW-3, MW-4, MW-9, MW-10, MW-11, MW-12 and MW-13. Current field and analytical results indicate that the western by Tank 1843 has been remediated. This supposition is supported by the fact that no PSHs have been detected in recovery wells RW-1 and RW-2 for approximately the past two years and groundwater monitoring wells MW-5, MW-6, MW-7 and MW-8 have exhibited more than eight quarters of BTEX concentrations below the New Mexico Water Quality Commission Control (NMWQCC) Groundwater Standards. Therefore, Plains requests authorization to seal and abandon recovery wells RW-1 and RW-2 and groundwater monitoring wells MW-5 and MW-6. Groundwater monitoring wells MW-7 and MW-8 will remain as upgradient monitoring wells for the eastern contaminant plume.
- 2) Gauge all groundwater monitoring wells for water levels and the presence of PSH on a monthly basis.
- 3) Sample groundwater monitoring wells MW-1, MW-2, MW-3, MW-11 and MW-12 on a quarterly basis and submit the samples for quantification of BTEX. The samples should be analyzed annually for the presence of PAHs. In the event PSHs are detected during a sampling event in any of the groundwater monitoring wells, these wells will not be included in the quarterly sampling event.
- 4) Sample groundwater monitoring wells MW-4, MW-7, MW-8, MW-9, MW-10, and MW-13 on an annual basis and submit the samples for quantification of BTEX. Should analytical results indicate the presence of contaminants, the impacted well should be sampled on a quarterly basis and the samples submitted for quantification of BTEX and annually for PAH.

FIGURES

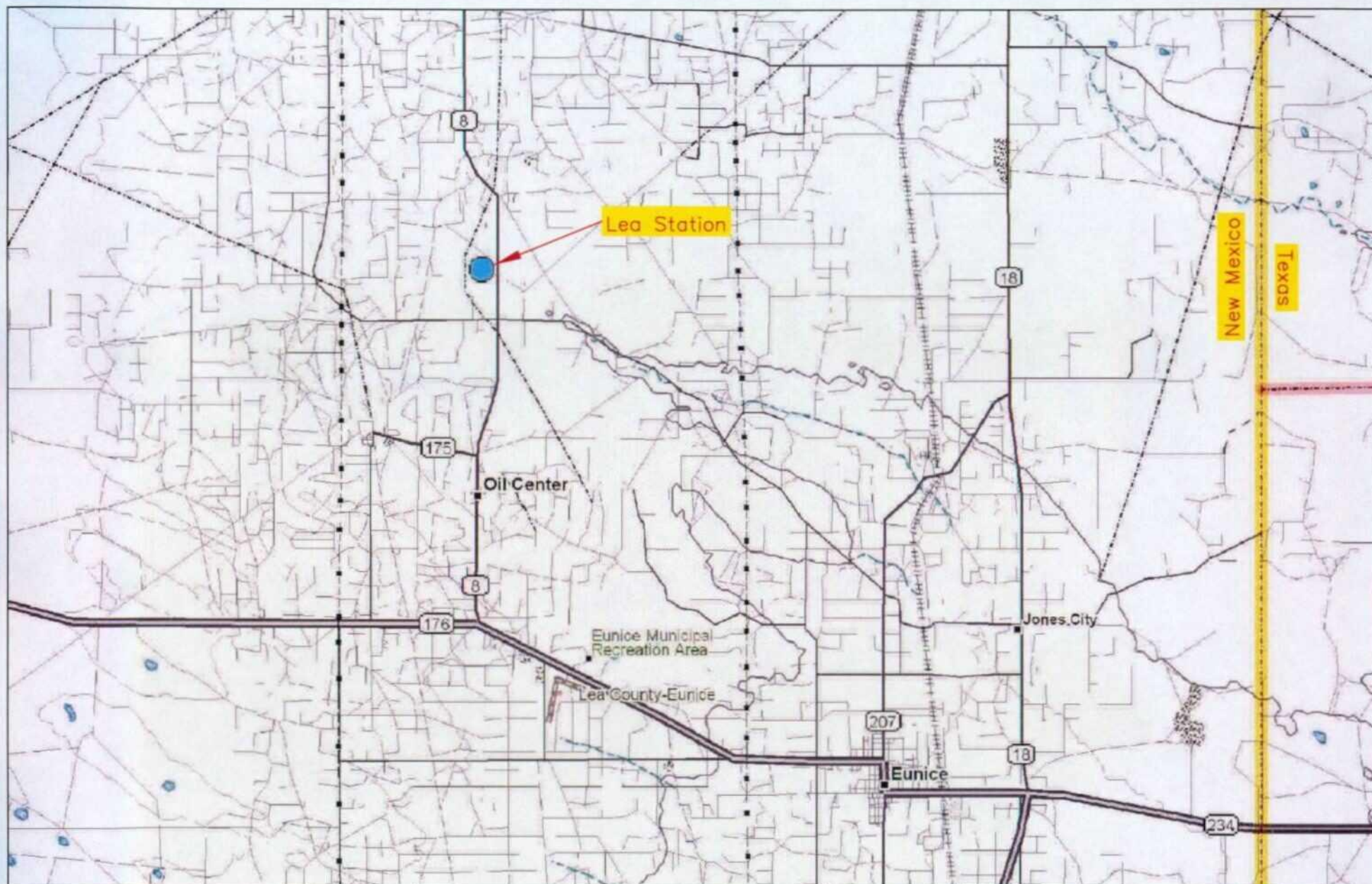
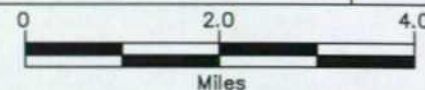


Figure 1
Area Map
Plains All American Pipeline, L.P.
Lea Station

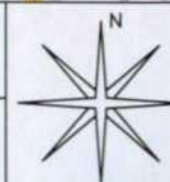
Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl

DWG By: Iain Olness
February 2005

REVISED:



SHEET
1 of 1



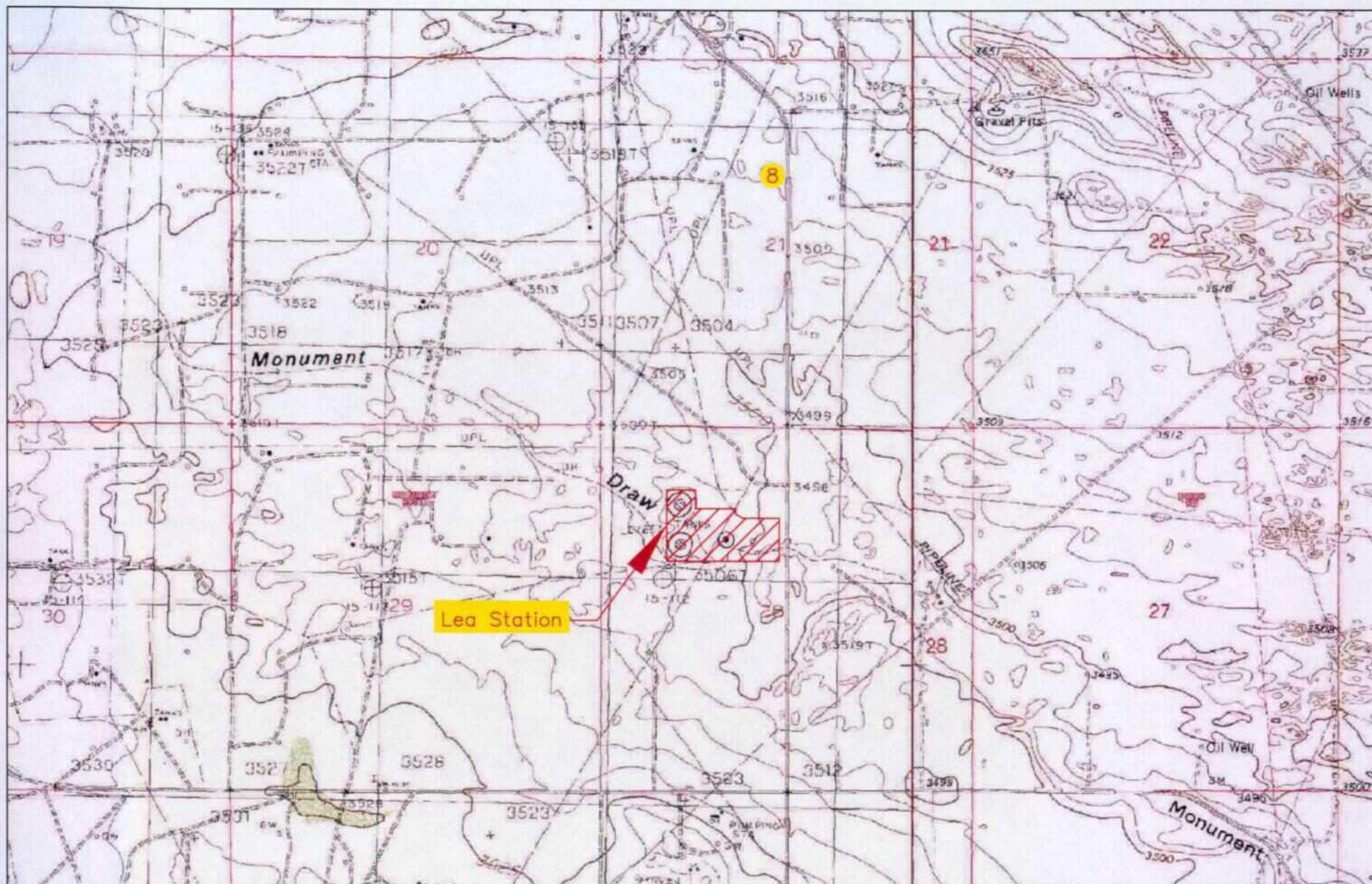
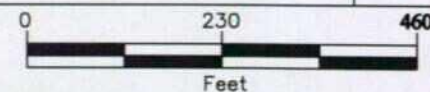


Figure 2
Site Location Map
Plains All American Pipeline, L.P.
Lea Station

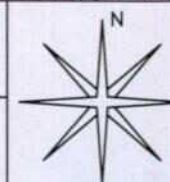
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Elevation: 3,495 feet amsl

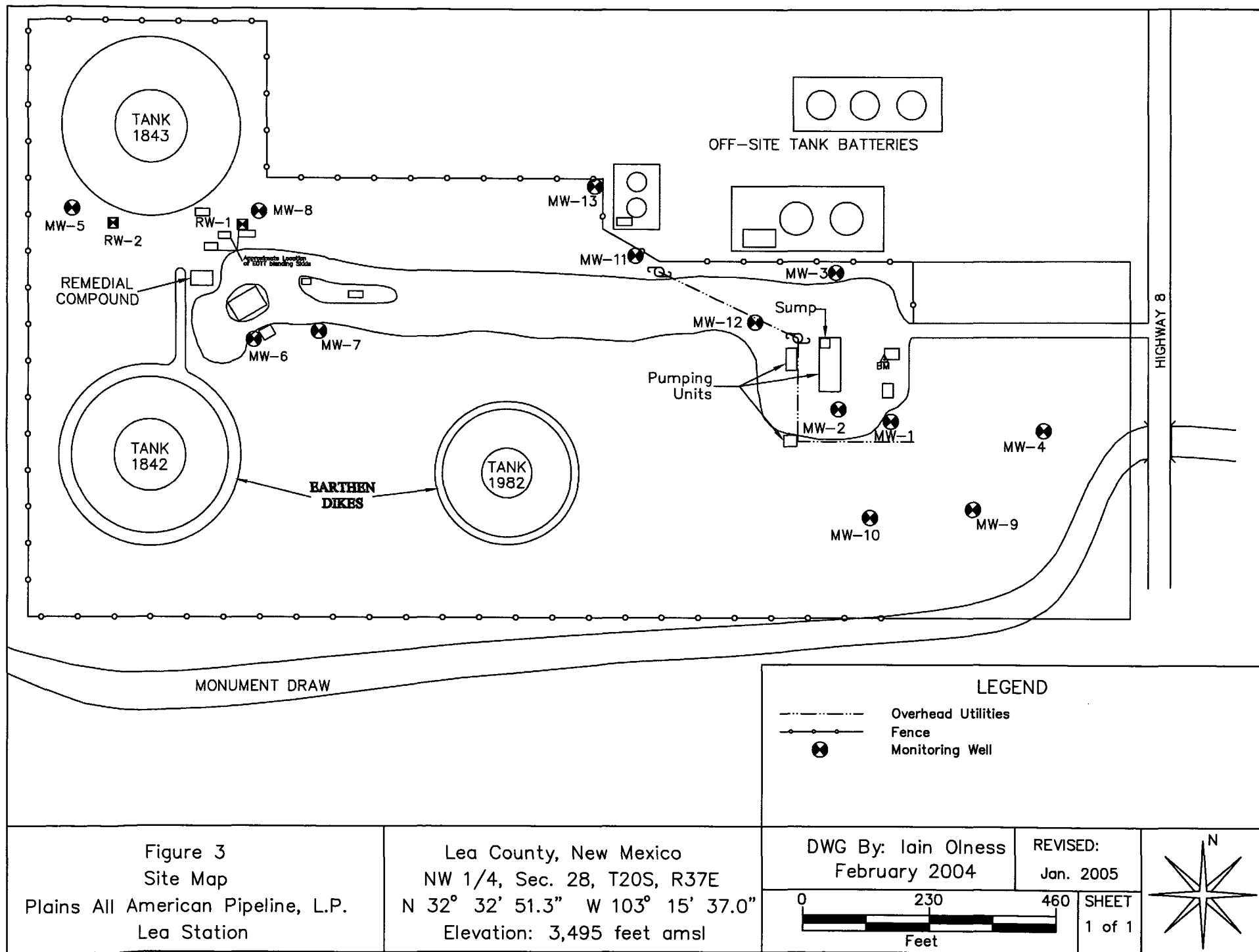
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February 2005

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1 of 1





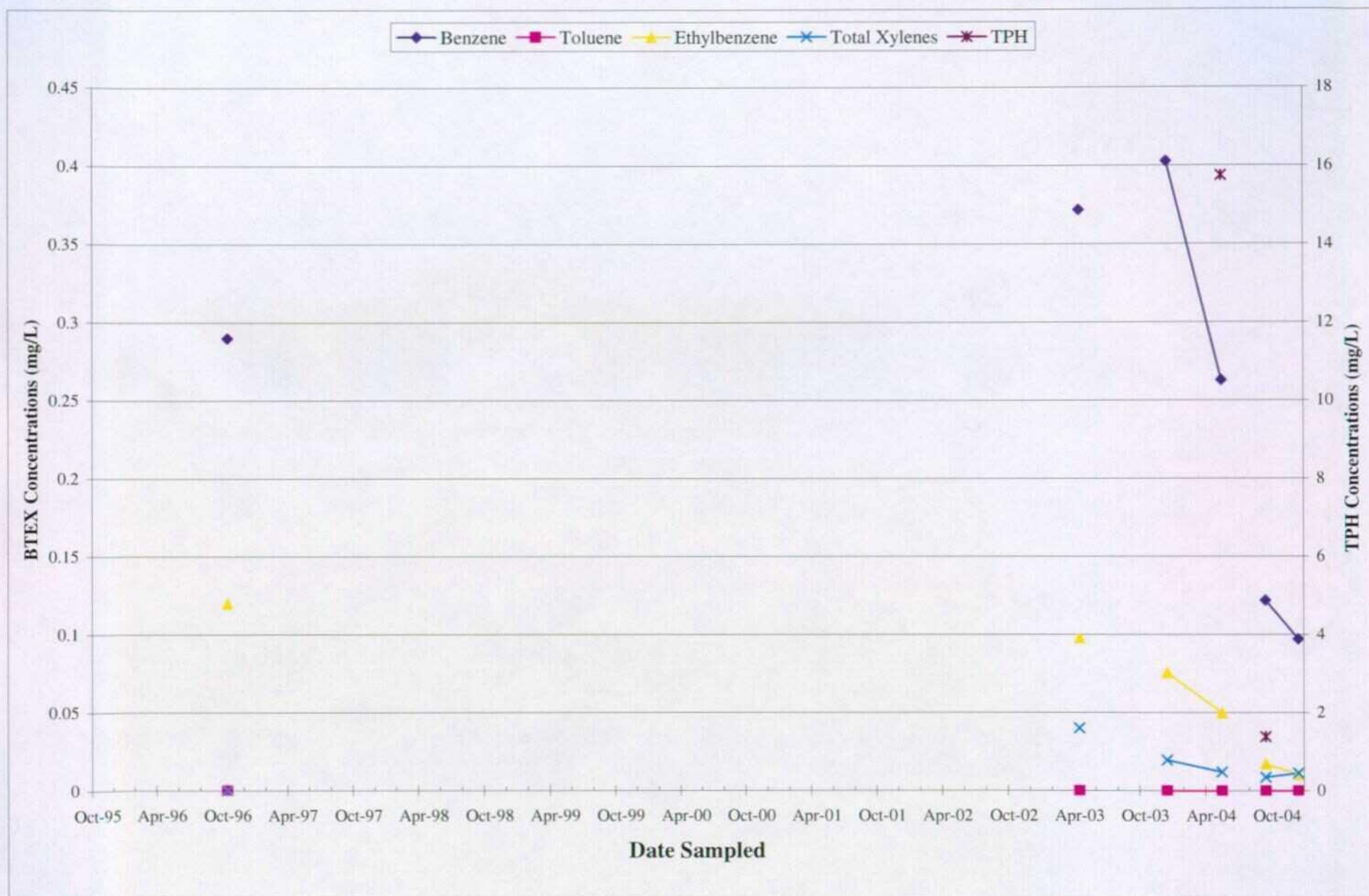


Figure 4: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-1, Plains All American Pipeline Lea Station, Lea County New Mexico, from 10/17/95 through 12/31/04.



Figure 5: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-2, Plains All American Pipeline Lea Station, Lea County New Mexico, from 10/17/95 through 12/31/04.

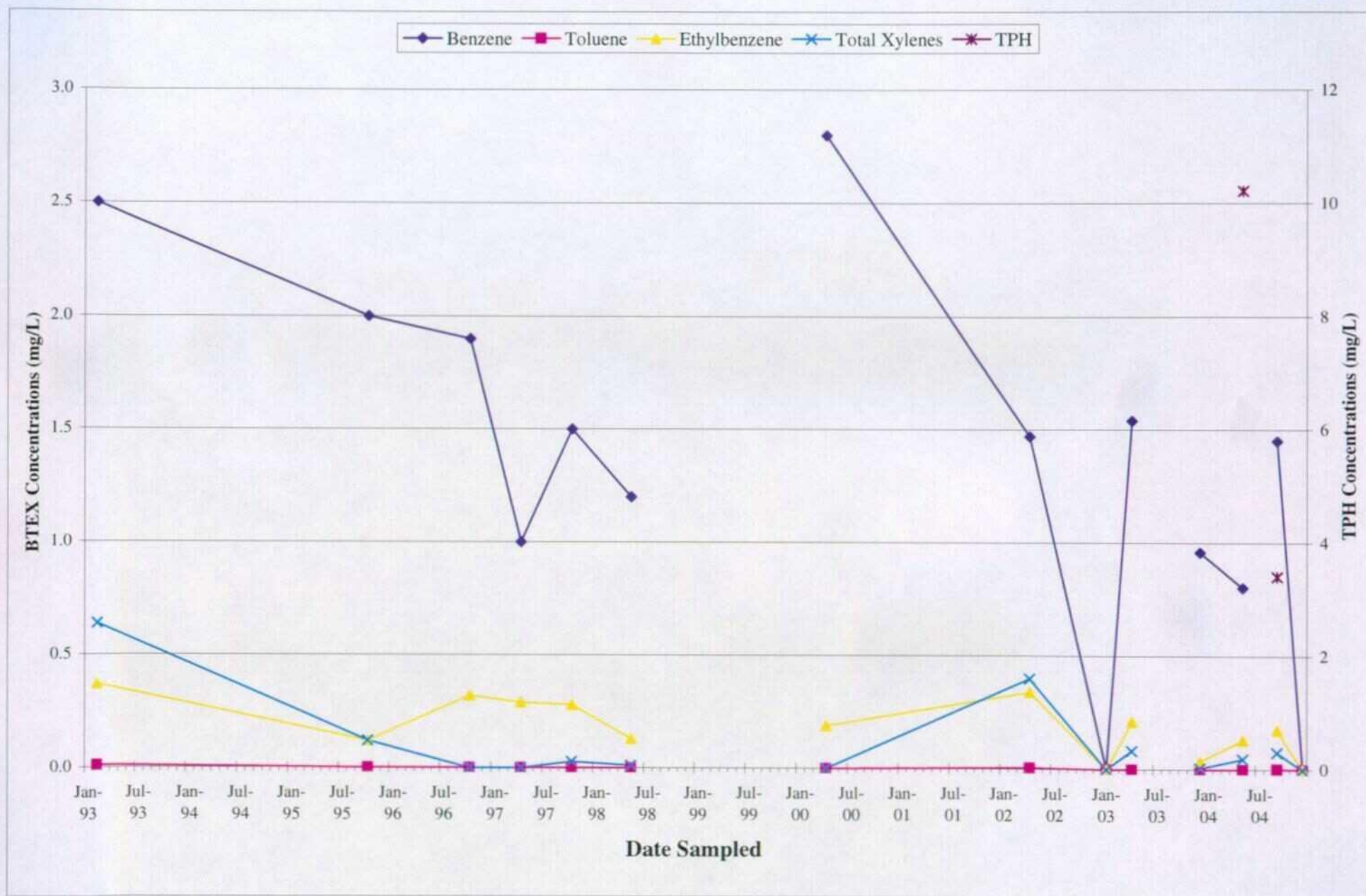


Figure 6: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-3, Plains All American Pipeline Lea Station, Lea County New Mexico, from 02/16/93 through 12/31/04.

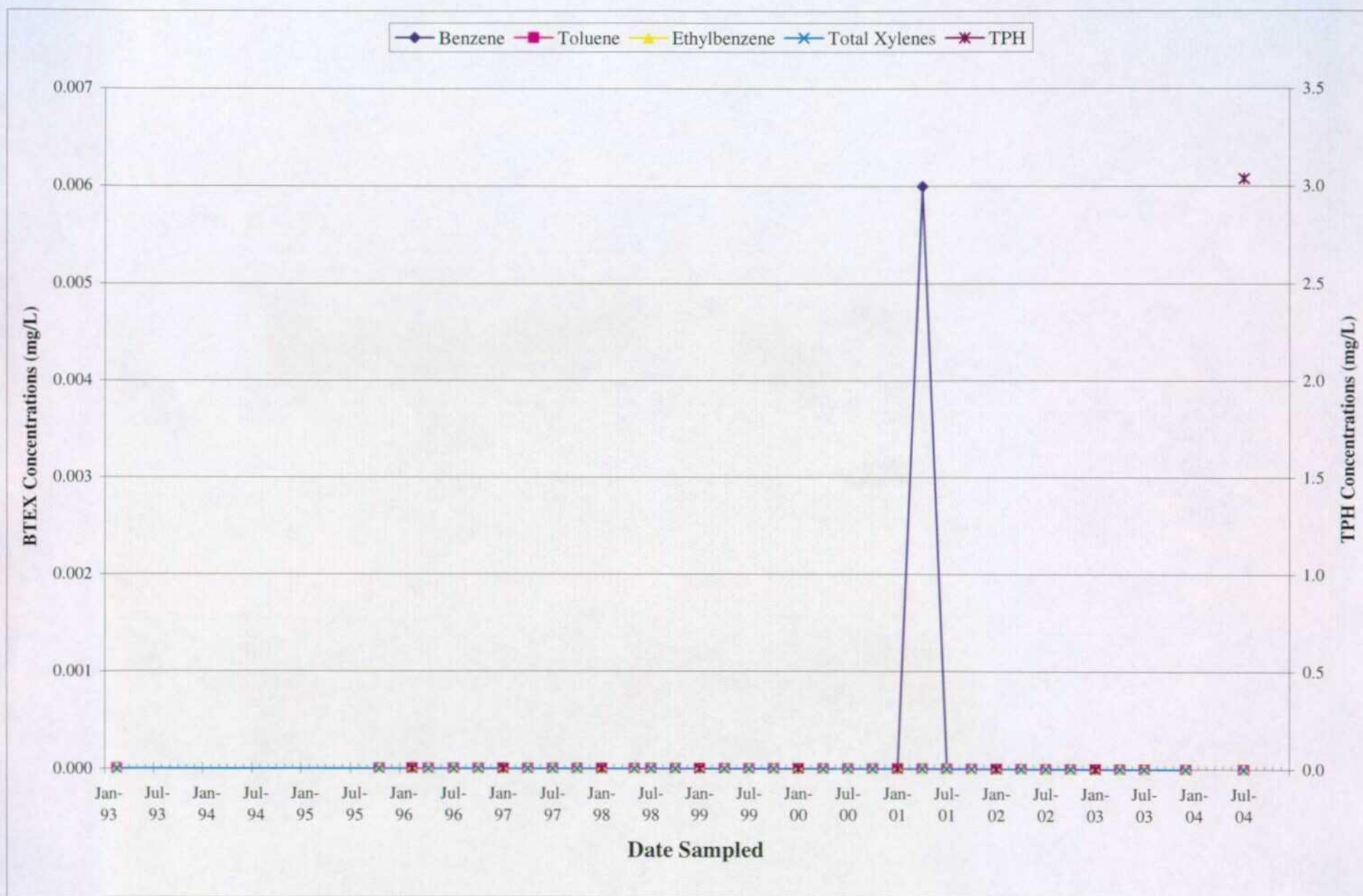


Figure 7: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-4, Plains All American Pipeline Lea Station, Lea County New Mexico, from 02/16/93 through 12/31/04.

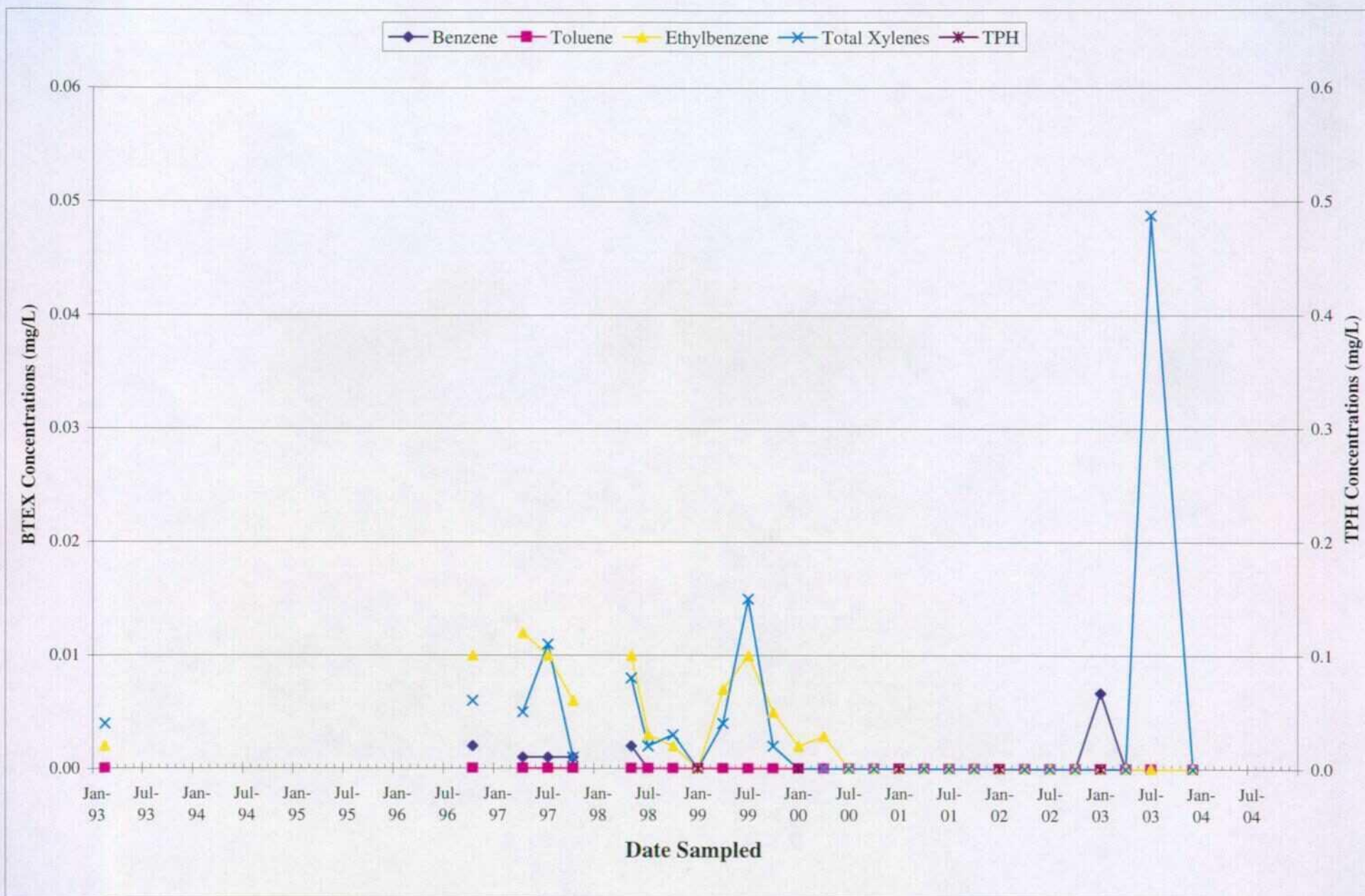


Figure 8: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-5, Plains All American Pipeline Lea Station, Lea County New Mexico, from 02/16/93 through 12/31/04.

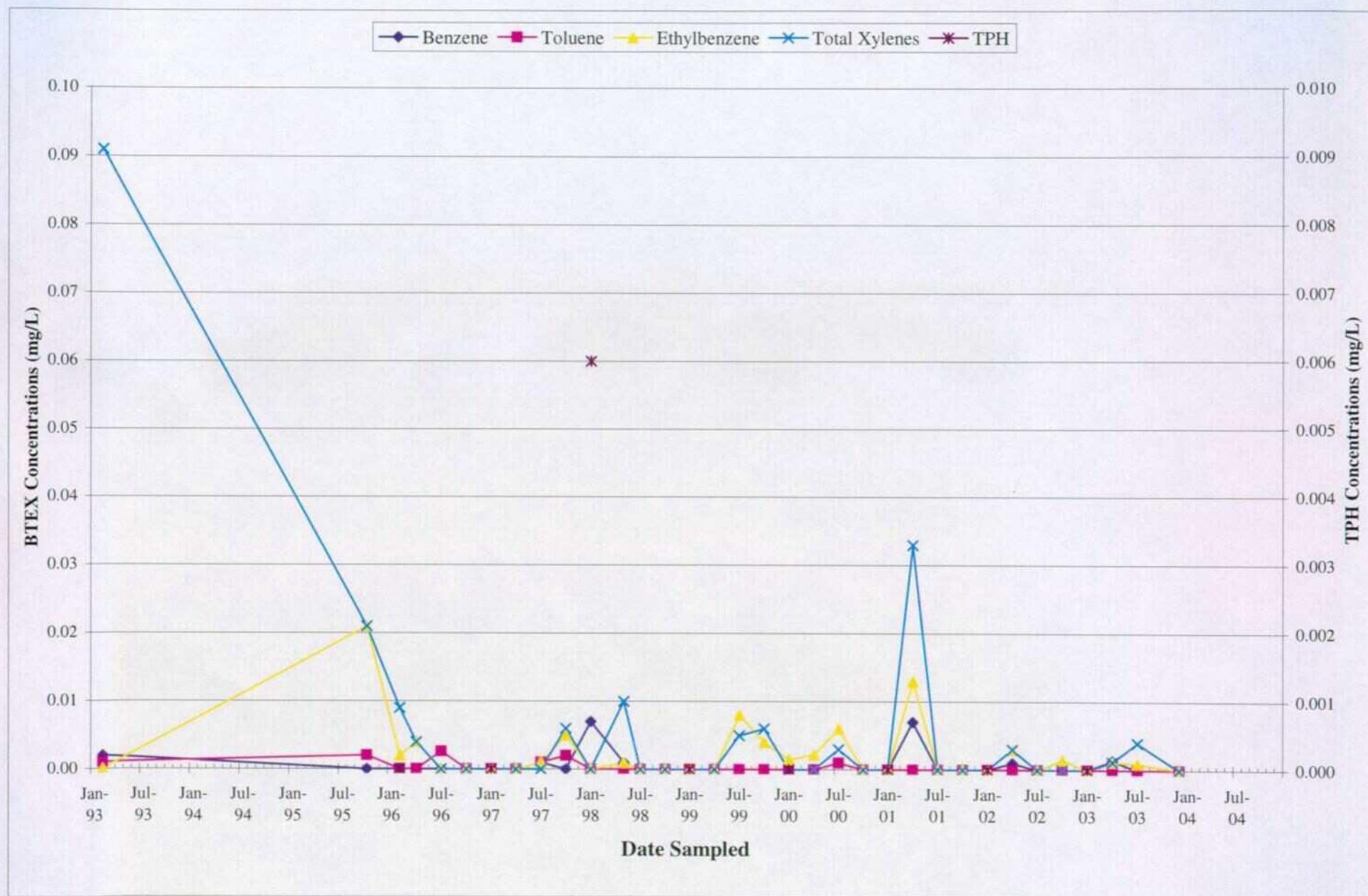


Figure 9: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-6, Plains All American Pipeline Lea Station, Lea County New Mexico, from 02/16/93 through 12/31/04.

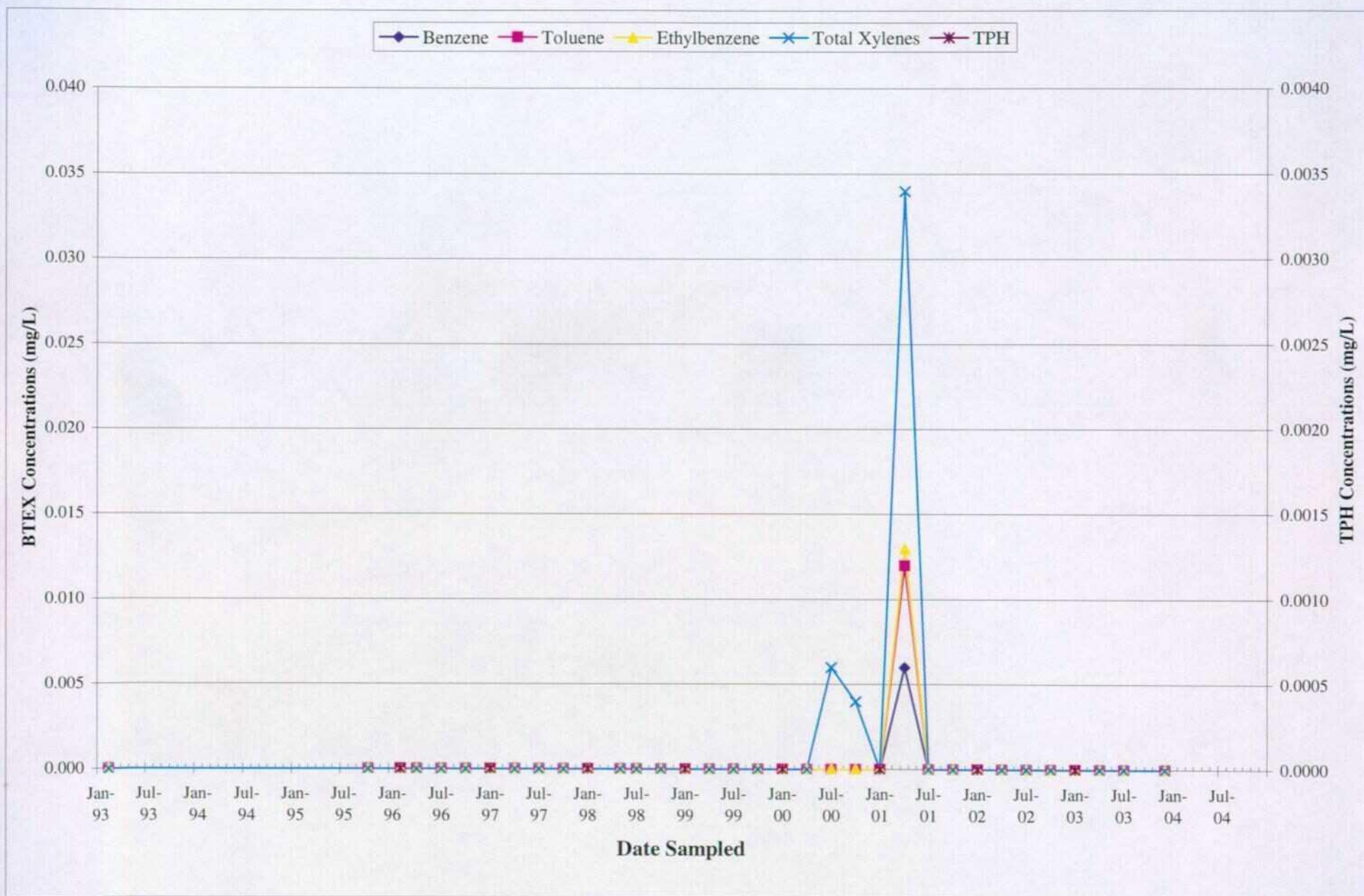


Figure 10: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-7, Plains All American Pipeline Lea Station, Lea County New Mexico, from 02/16/93 through 12/31/04.

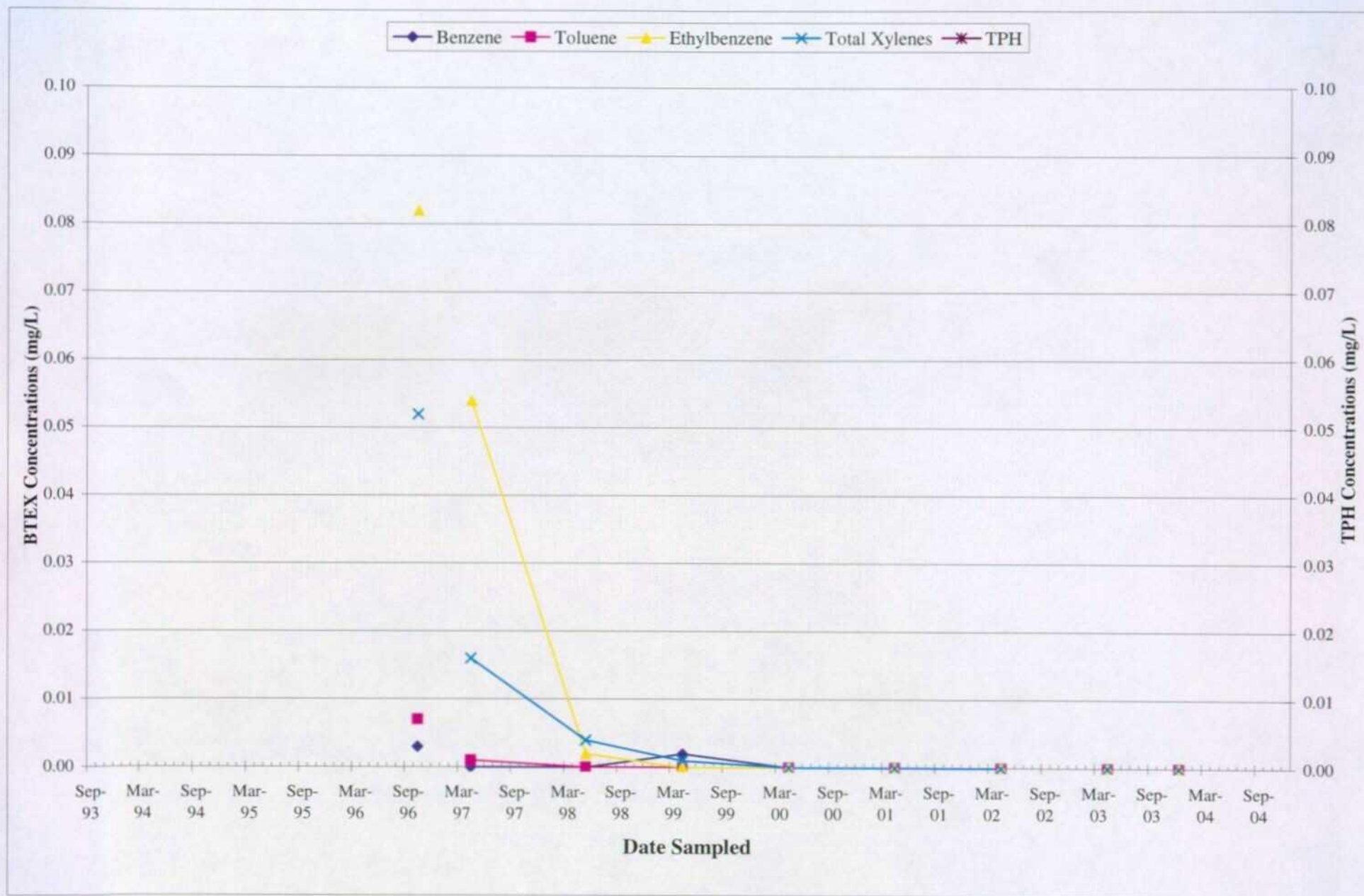


Figure 11: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-8, Plains All American Pipeline Lea Station, Lea County New Mexico, from 09/30/93 through 12/31/04.

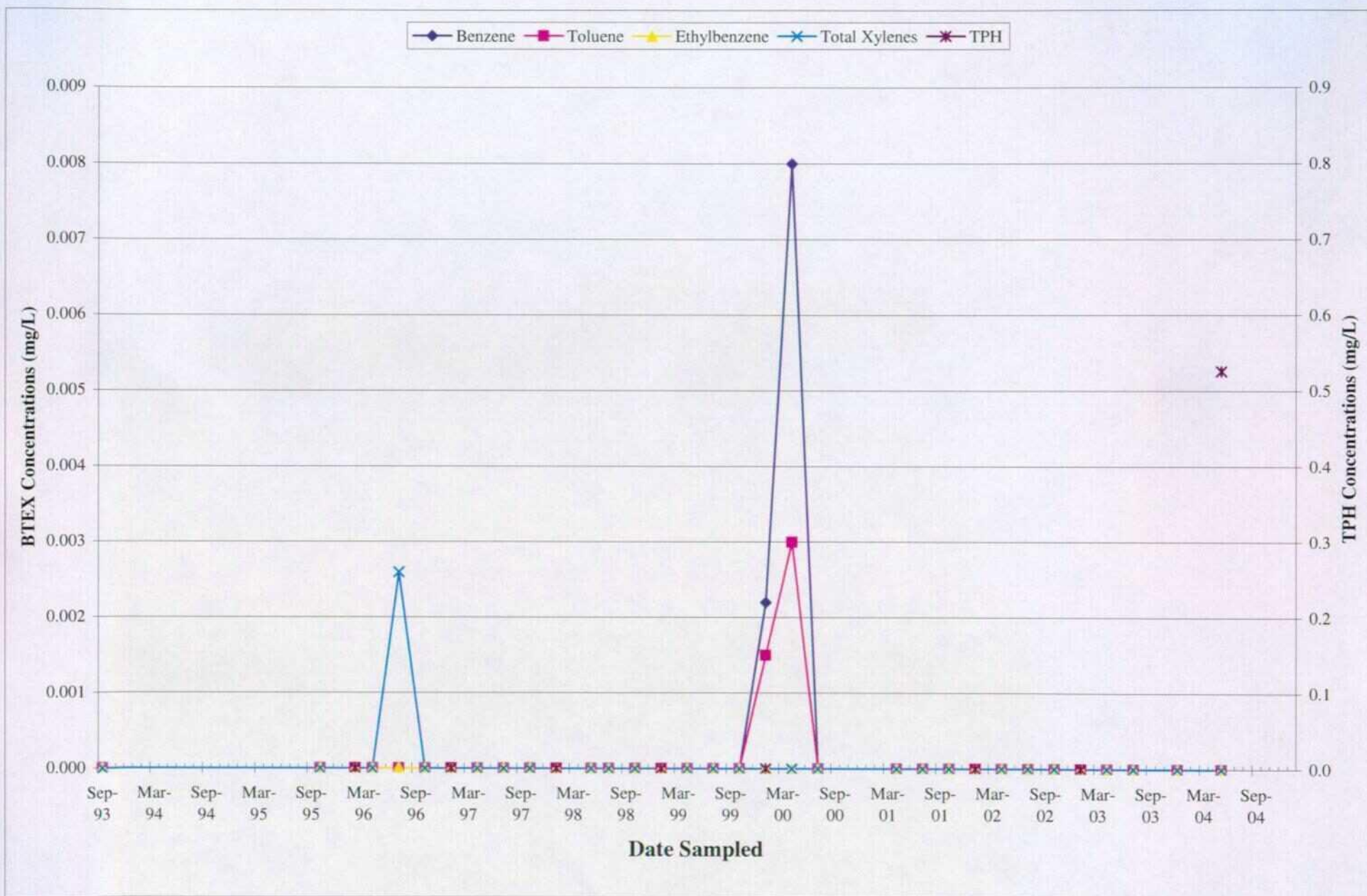


Figure 12: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-9, Plains All American Pipeline Lea Station, Lea County New Mexico, from 09/30/93 through 12/31/04.

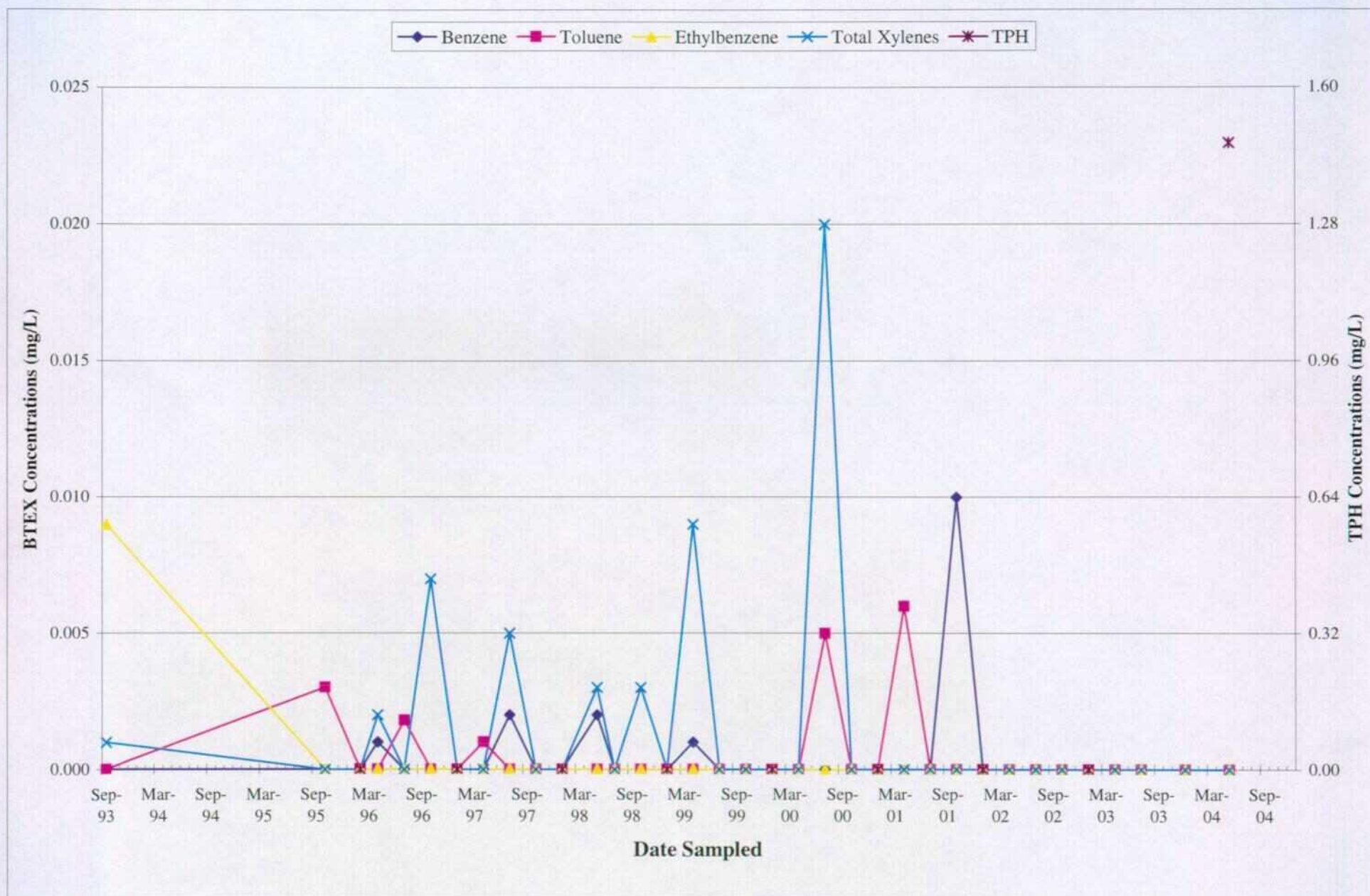


Figure 13: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-10, Plains All American Pipeline Lea Station, Lea County New Mexico, from 09/30/93 through 12/31/04.

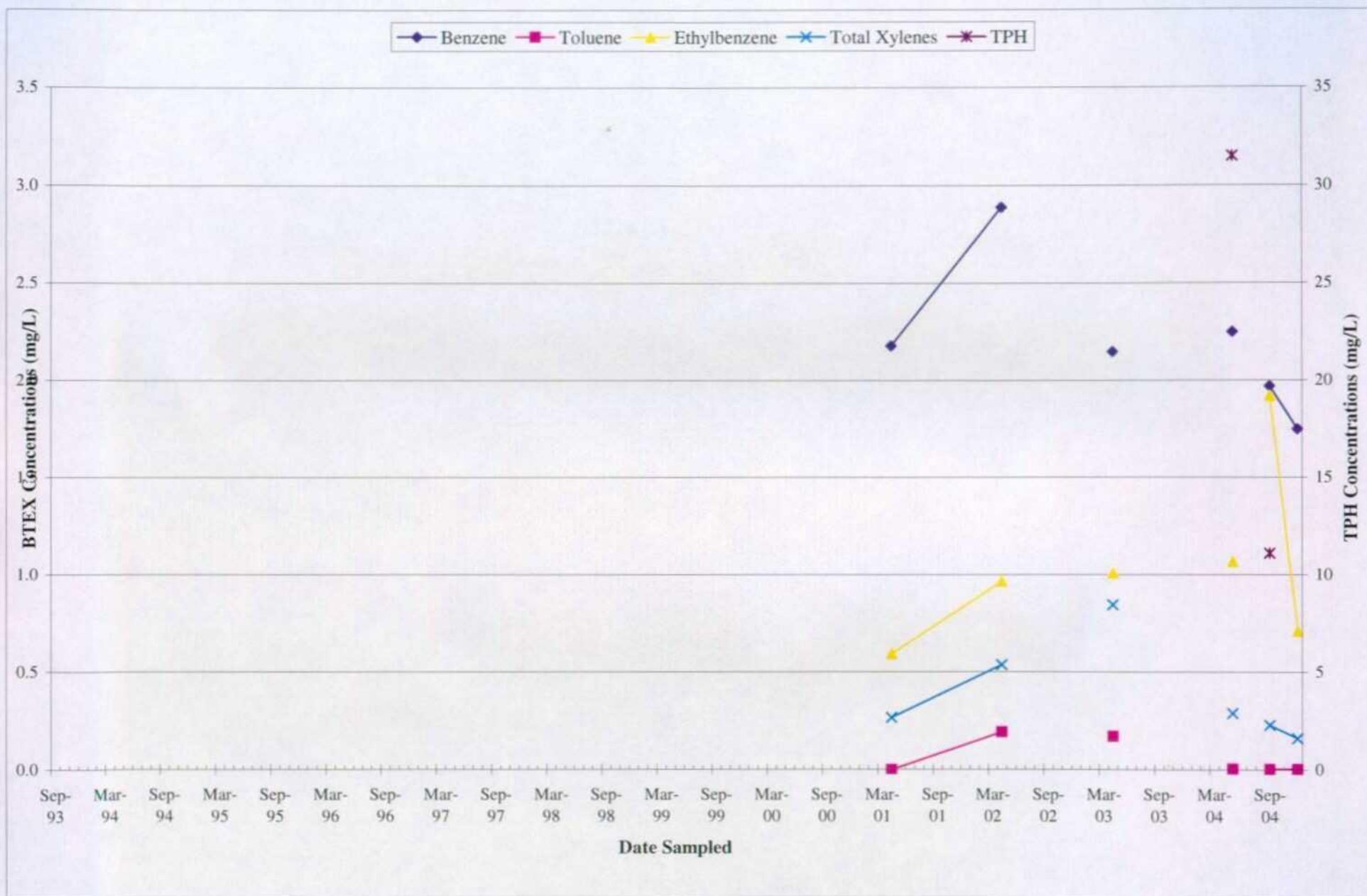


Figure 14: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-11, Plains All American Pipeline Lea Station, Lea County New Mexico, from 09/30/93 through 12/31/04.

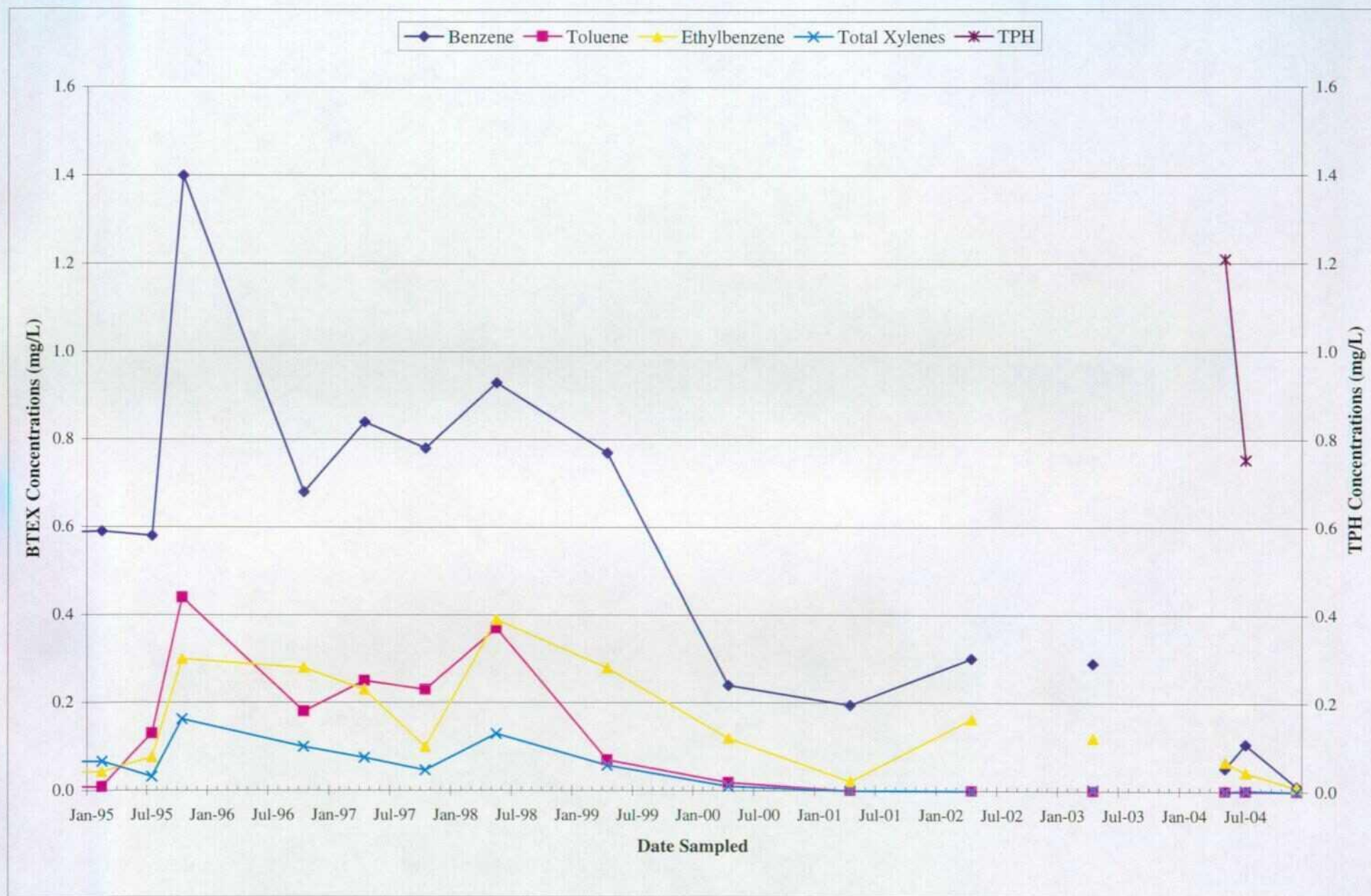


Figure 15: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-12, Plains All American Pipeline Lea Station, Lea County New Mexico, from 02/10/95 through 12/31/04.

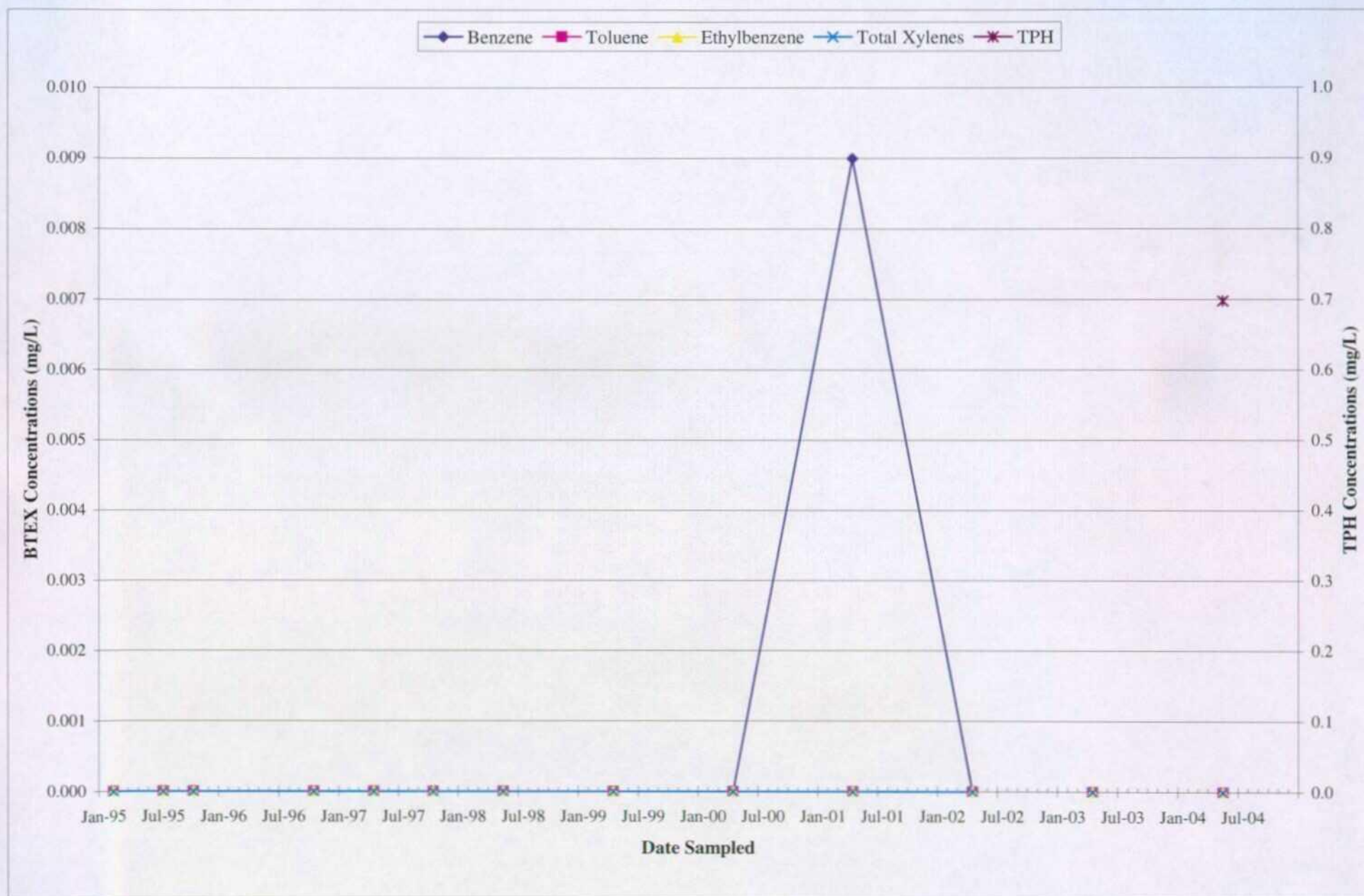


Figure 16: BTEX and TPH Concentrations for Groundwater Monitoring Well MW-13, Plains All American Pipeline Lea Station, Lea County New Mexico, from 02/10/95 through 12/31/04.

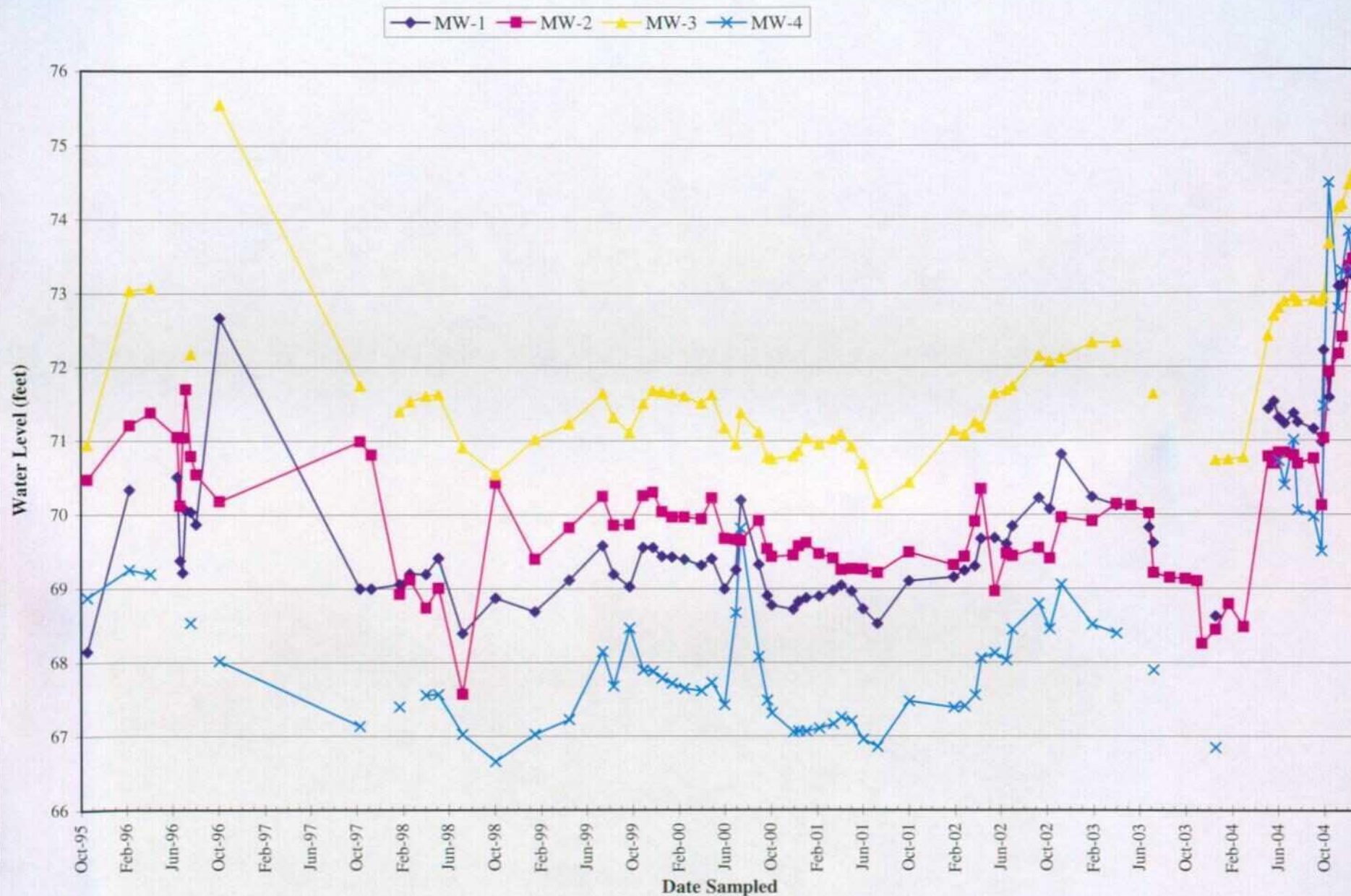


Figure 17: Hydrograph for Monitoring Wells MW-1 through MW-4, Plains All American Pipeline Lea Station, Lea County New Mexico, from 10/17/95 through 12/31/04.

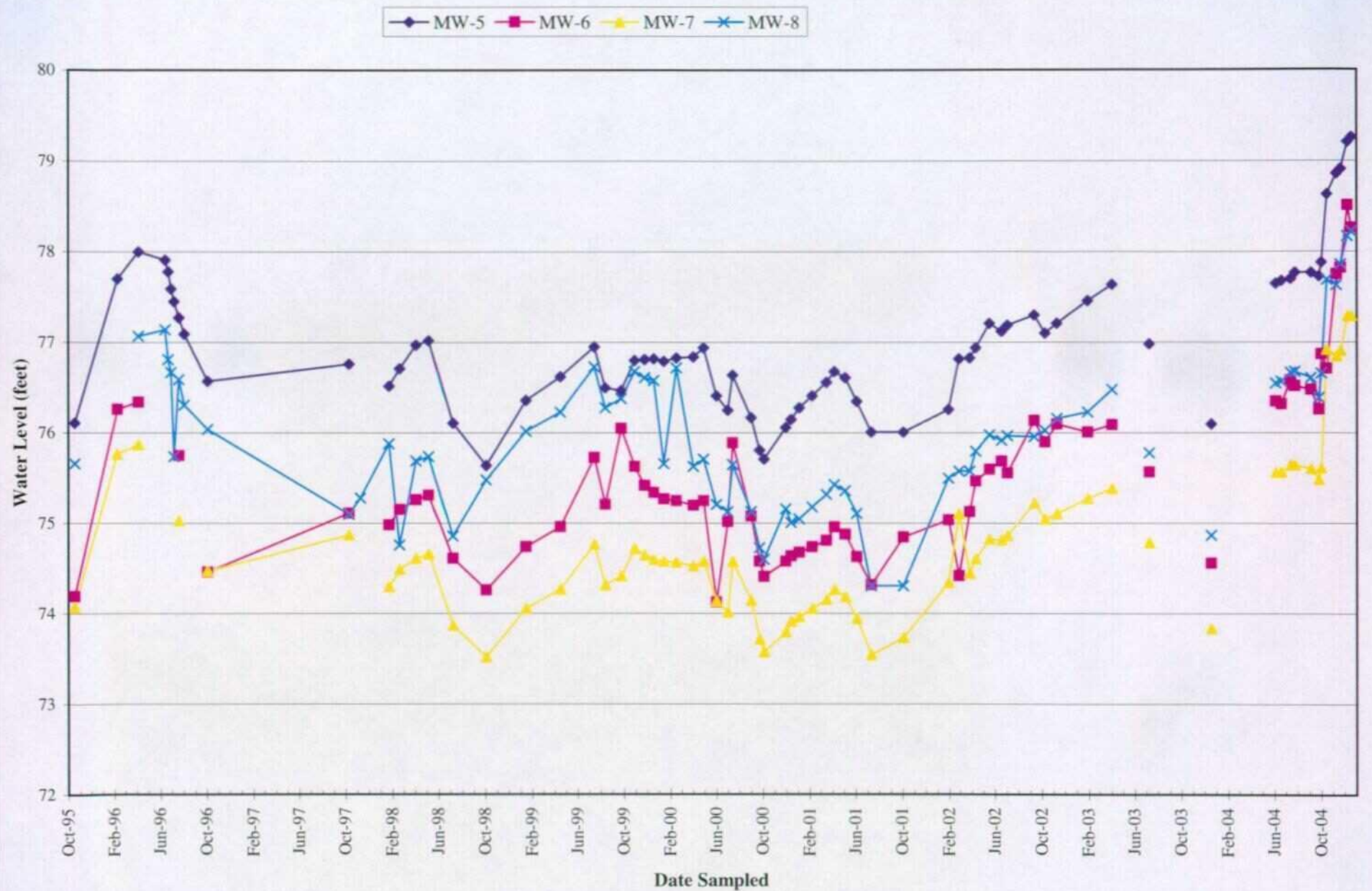


Figure 18: Hydrograph for Monitoring Wells MW-5 through MW-8, Plains All American Pipeline Lea Station, Lea County New Mexico, from 10/17/95 through 12/31/04.

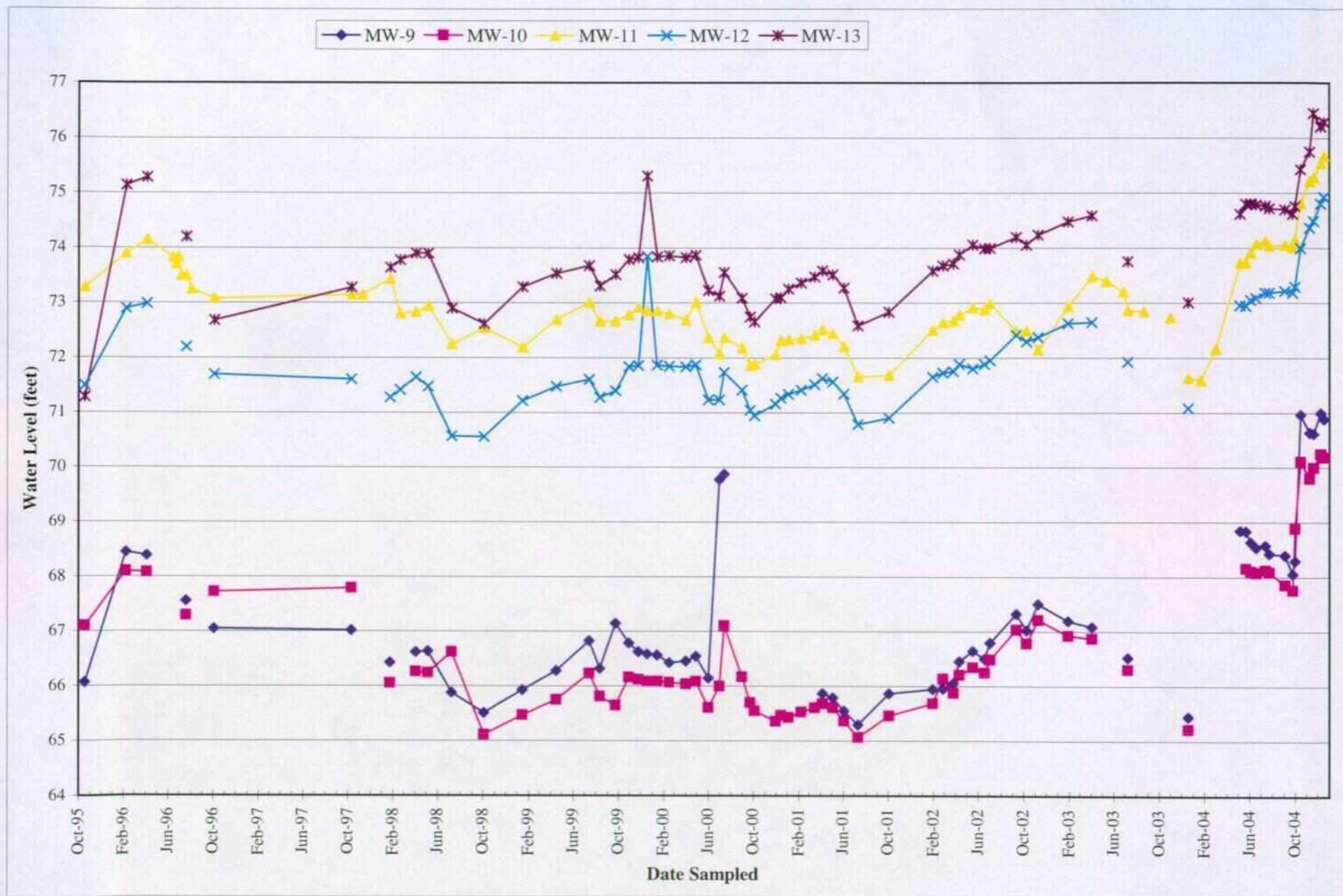


Figure 19: Hydrograph for Monitoring Wells MW-9 through MW-13, Plains All American Pipeline Lea Station, Lea County New Mexico, from 10/17/95 through 12/31/04.

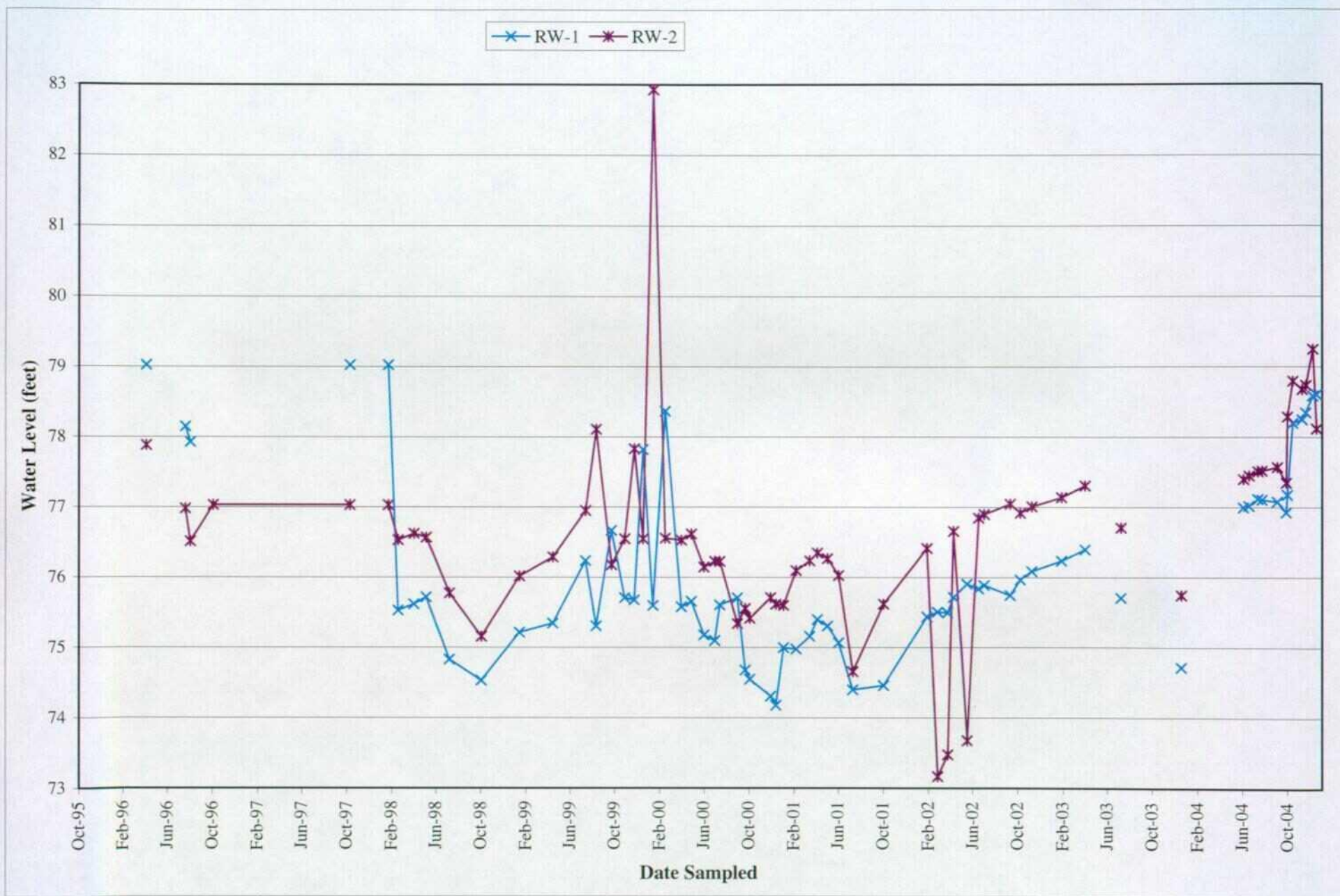
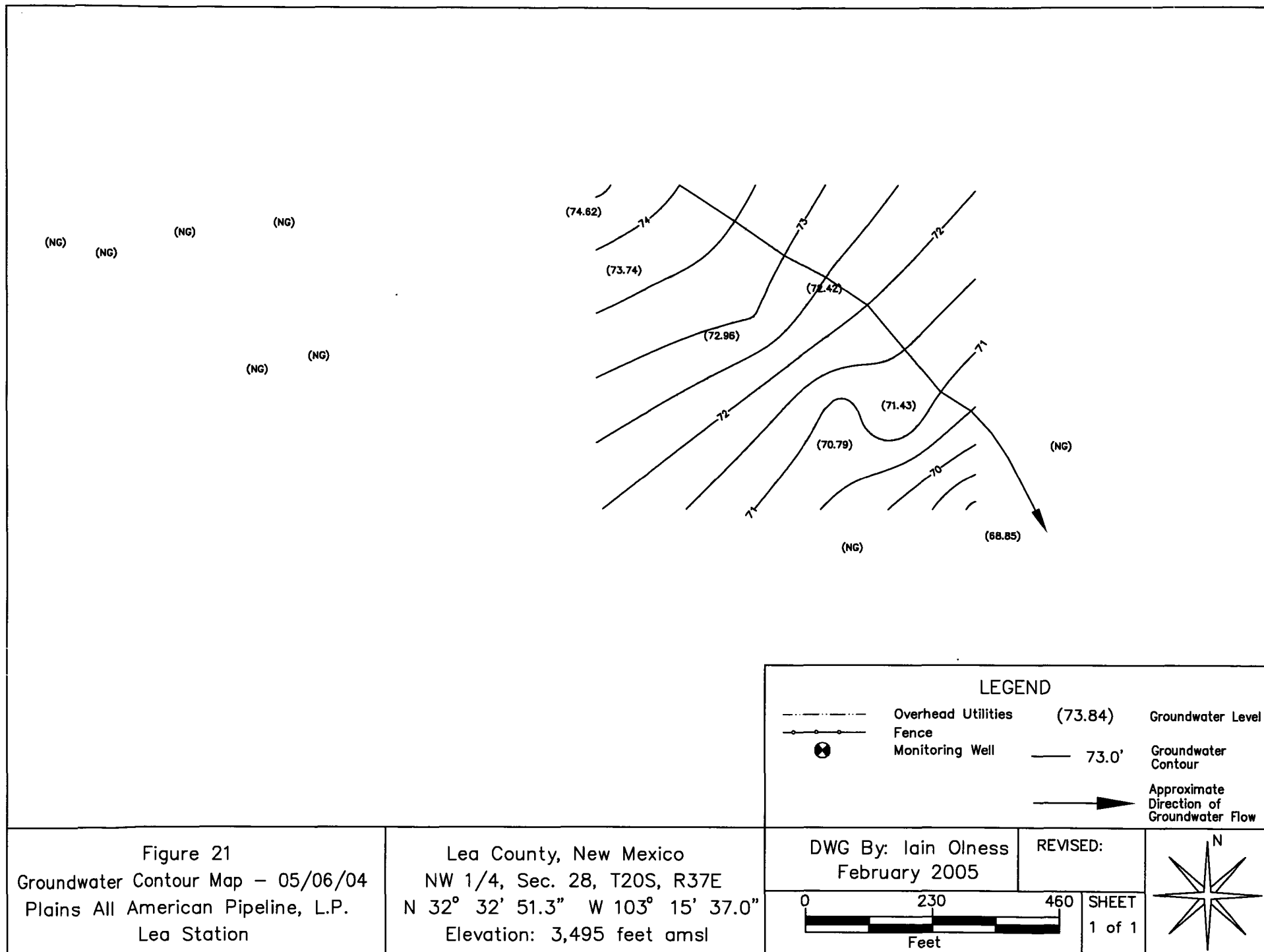
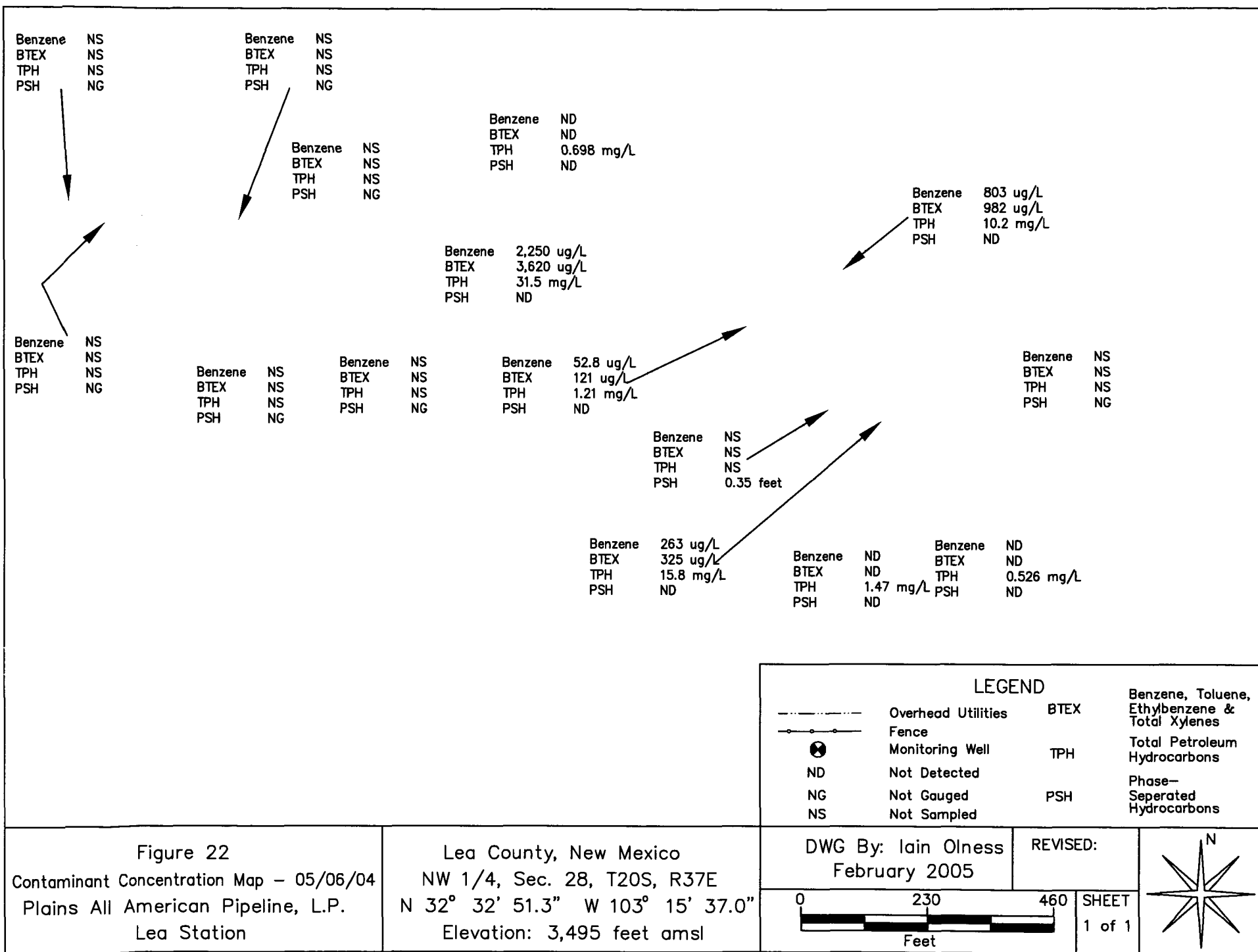


Figure 20: Hydrograph for Recovery Wells RW-1 and RW-2, Plains All American Pipeline Lea Station, Lea County New Mexico, from 10/17/95 through 12/31/04.





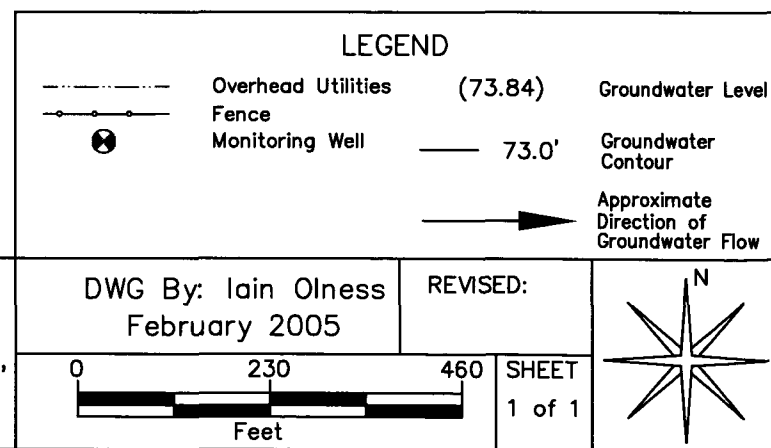
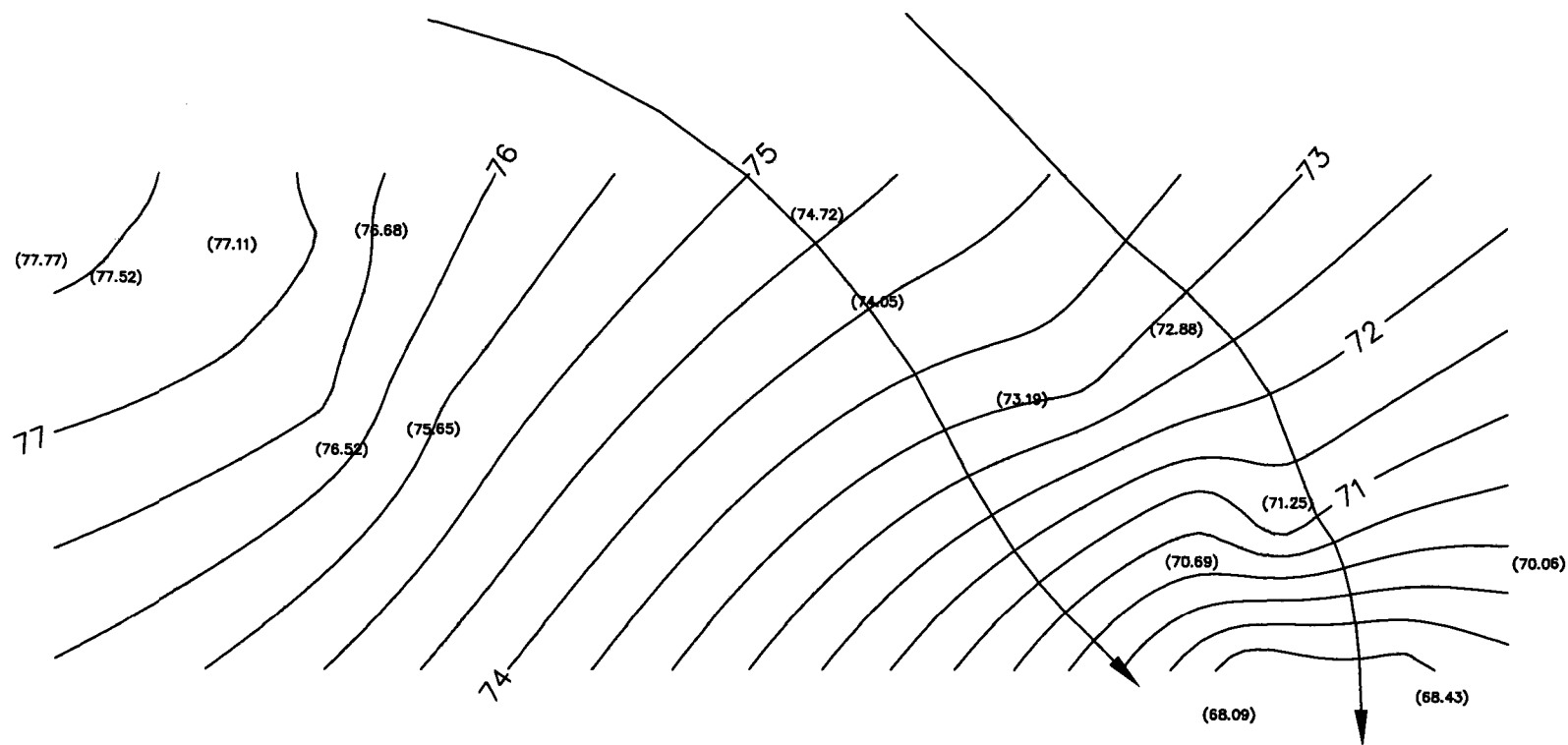


Figure 23
Groundwater Contour Map - 07/23/04
Plains All American Pipeline, L.P.
Lea Station

Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl

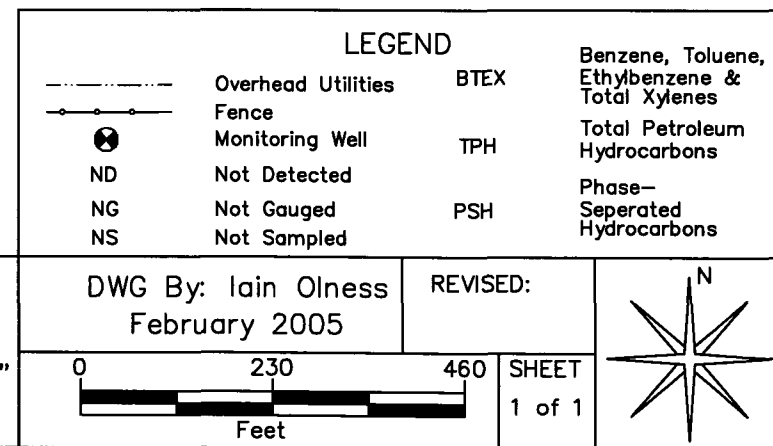
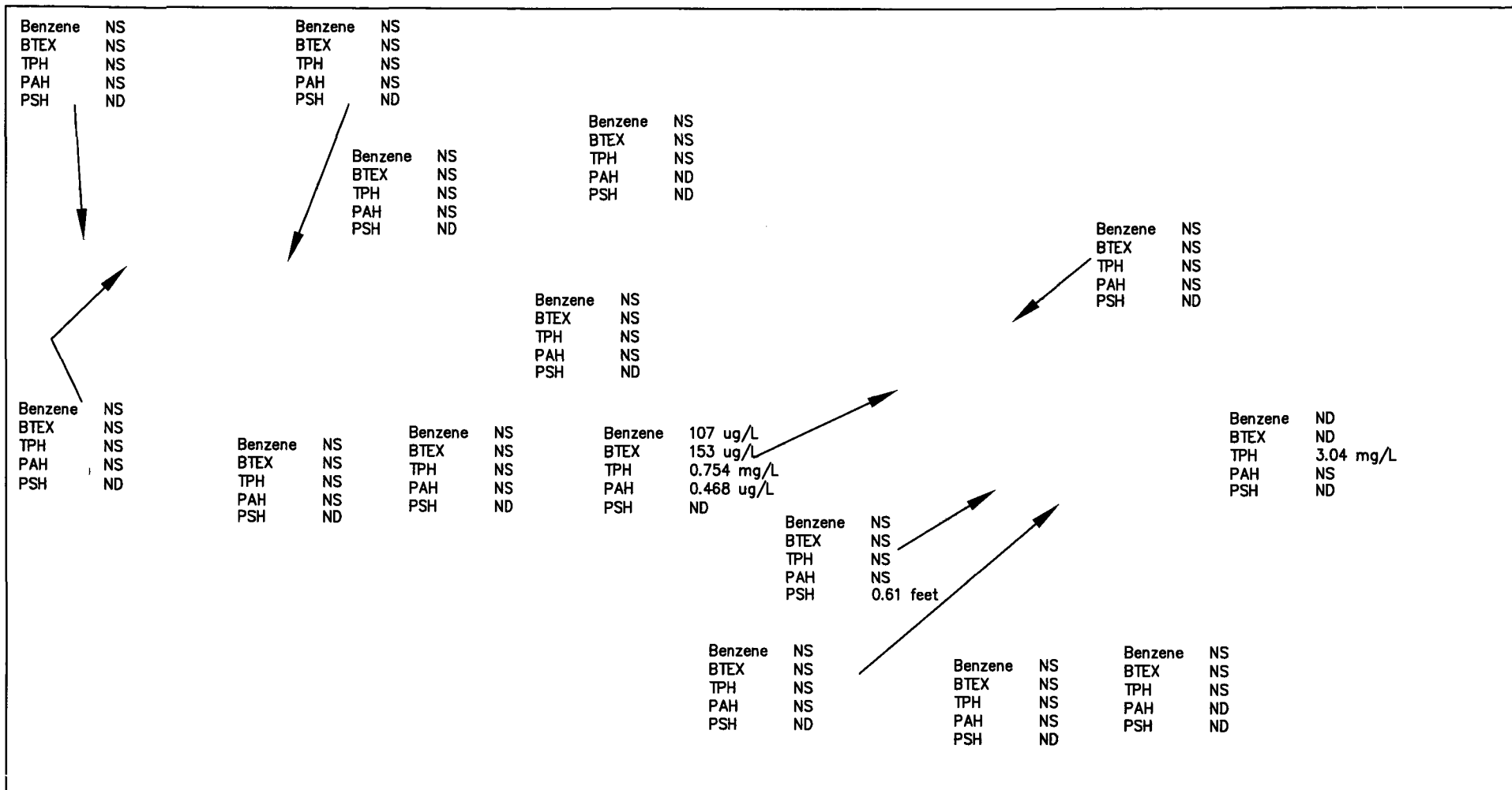


Figure 24
Contaminant Concentration Map - 07/23/04
Plains All American Pipeline, L.P.
Lea Station

Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl

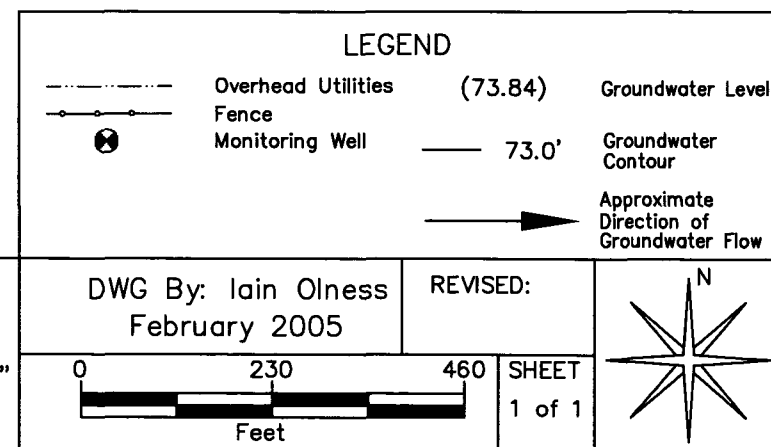
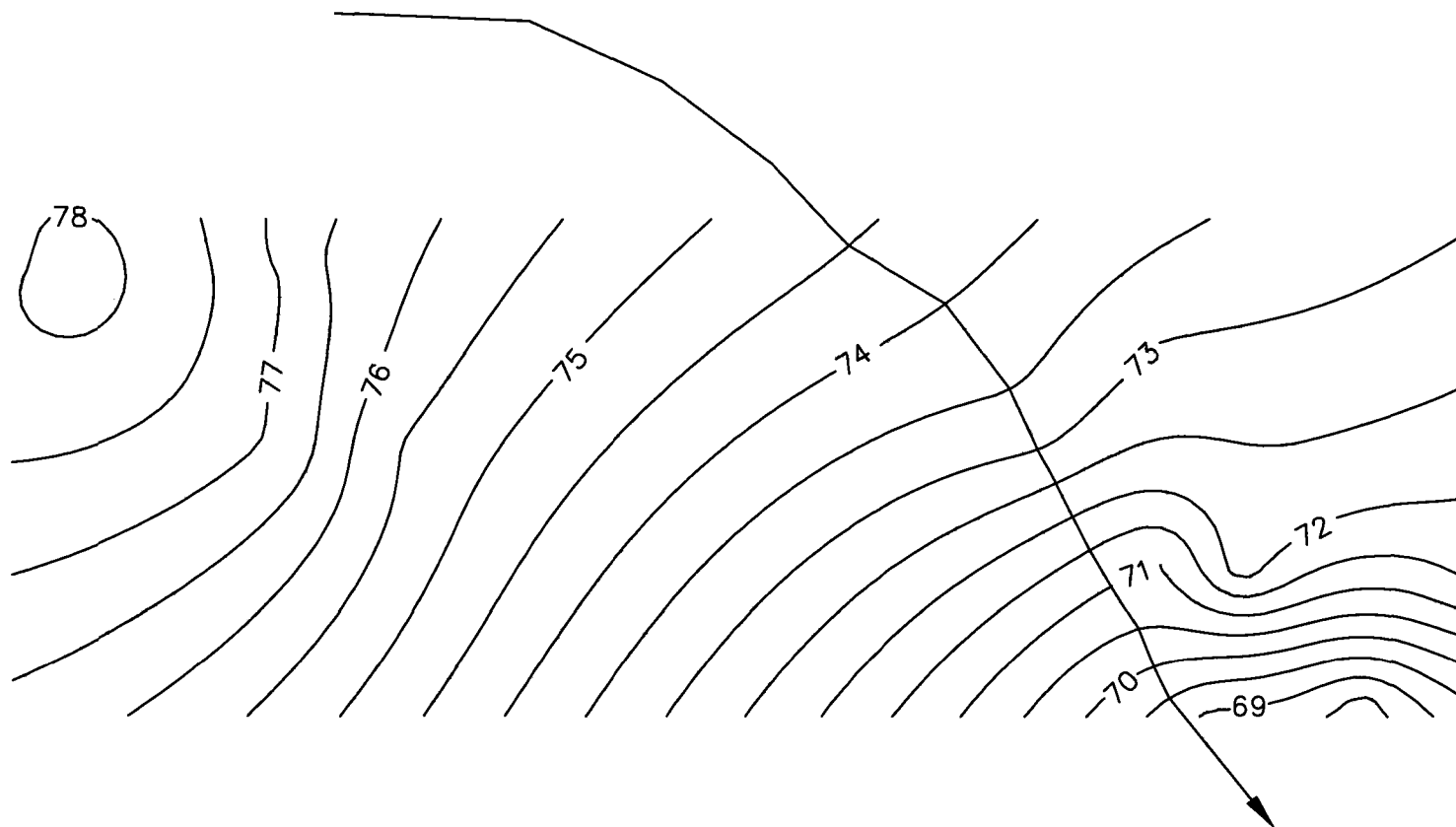
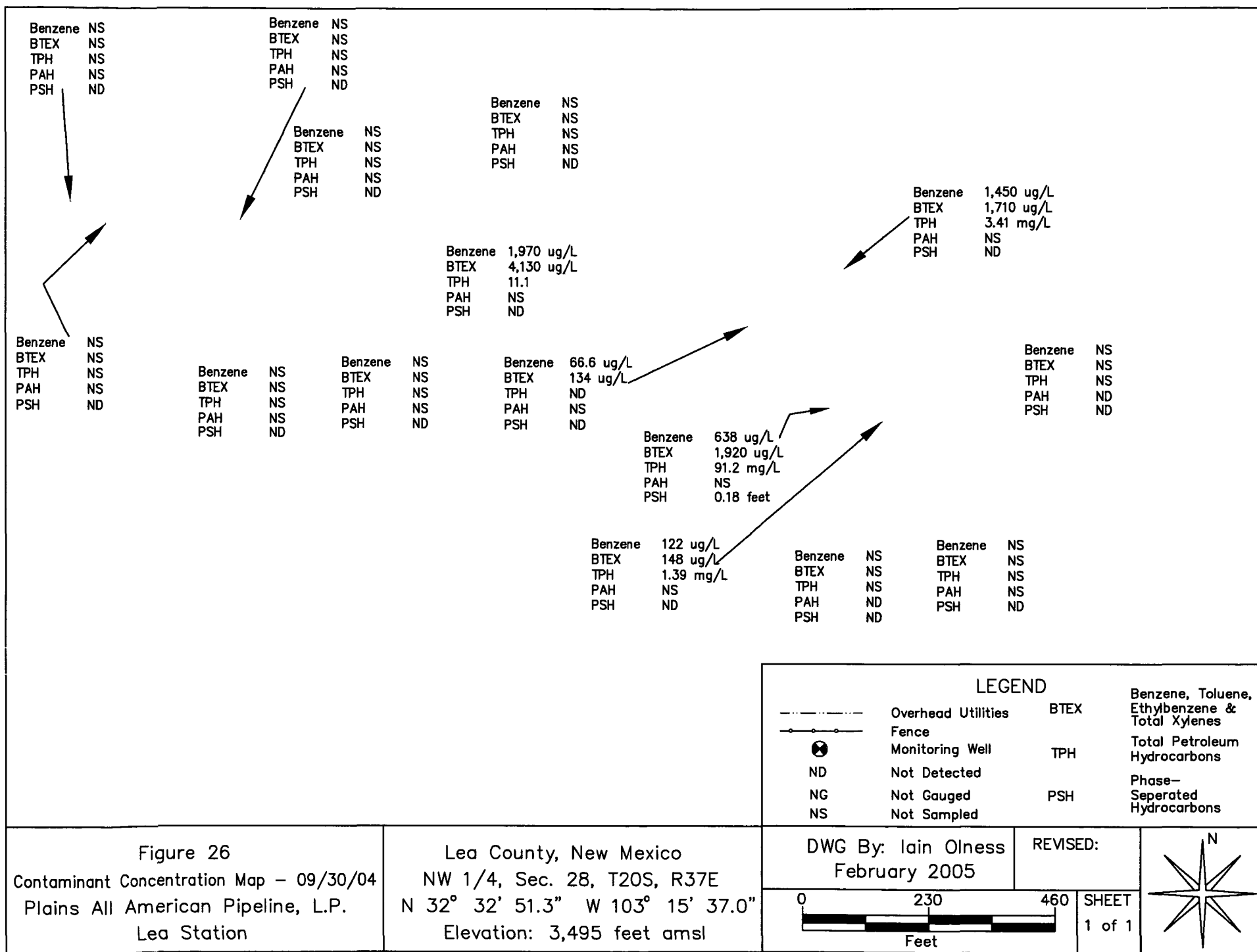


Figure 25
Groundwater Contour Map – 09/30/04
Plains All American Pipeline, L.P.
Lea Station

Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl



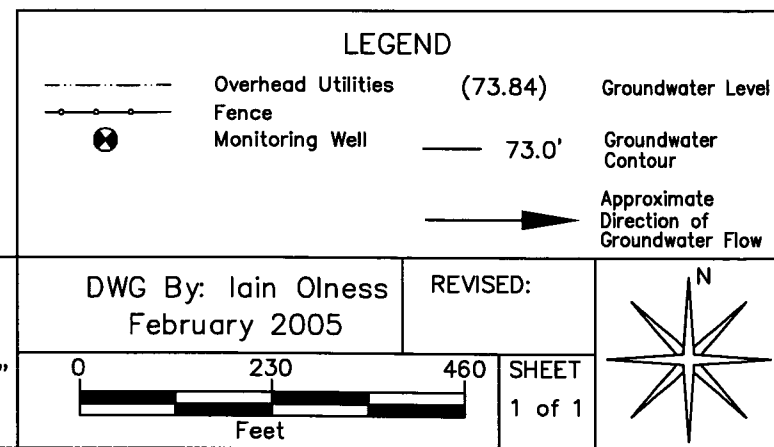
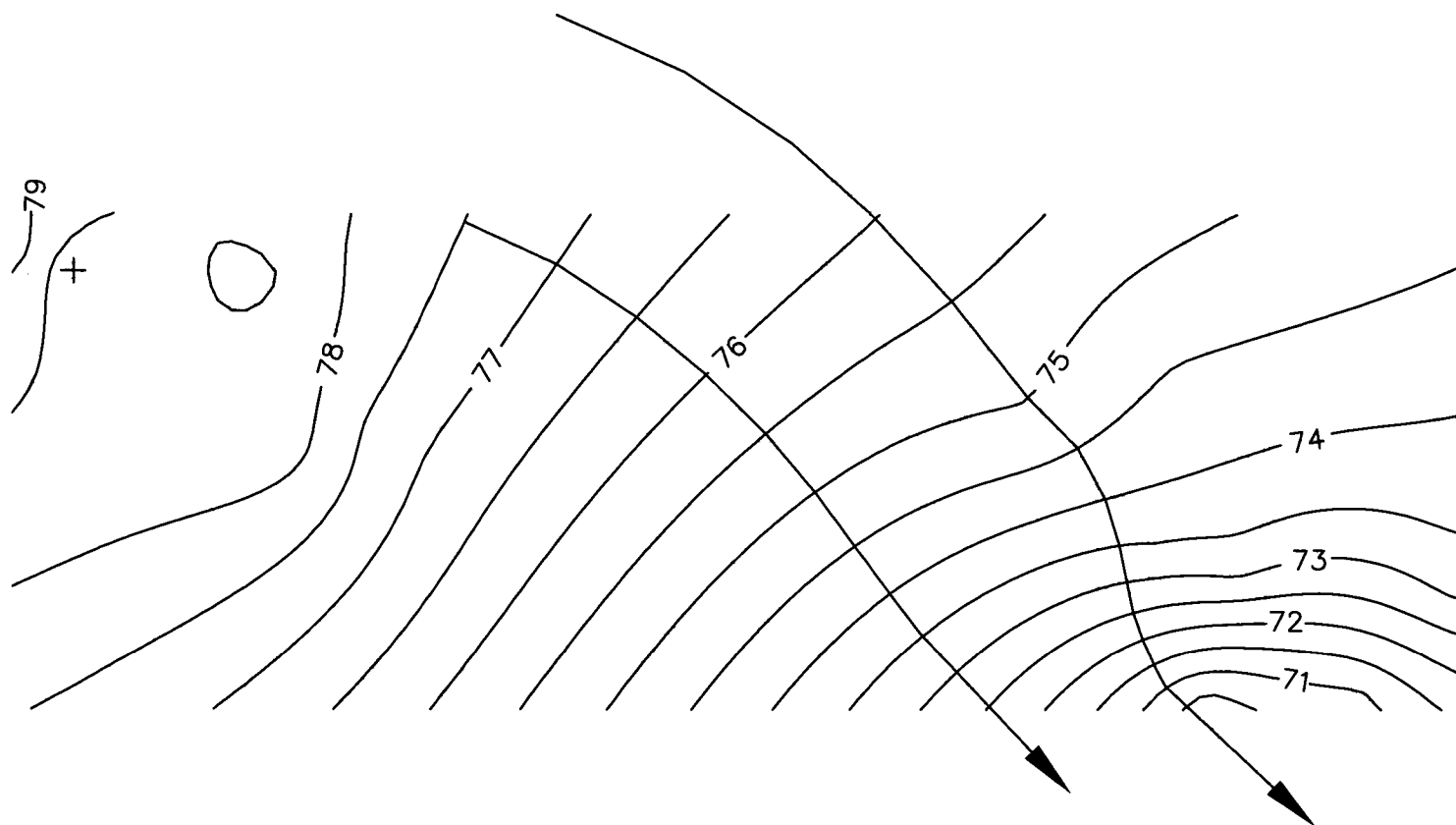
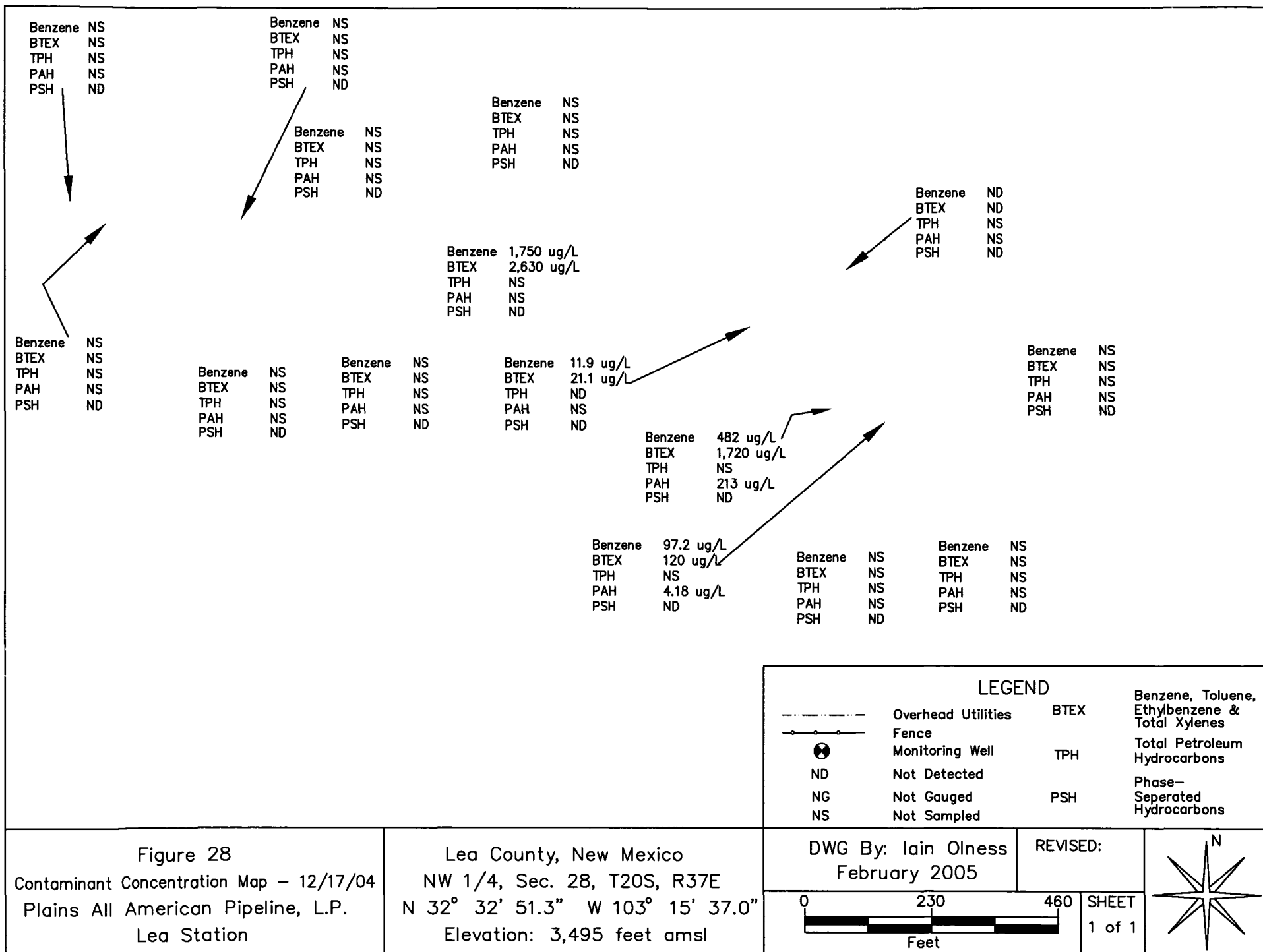


Figure 27
Groundwater Contour Map - 12/17/04
Plains All American Pipeline, L.P.
Lea Station

Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl



TABLES

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-1	10/17/95	98.88	100.73	32.52	33.16	68.15	0.64			
	02/07/96			30.39	30.39	70.34	0.00			
	04/03/96									
	06/12/96			30.22	30.22	70.51	0.00			
	06/20/96			31.35	31.35	69.38	0.00			
	06/27/96			31.51	31.51	69.22	0.00			
	07/05/96			30.67	30.67	70.06	0.00			
	07/18/96			30.69	30.69	70.04	0.00			
	08/01/96			30.86	30.86	69.87	0.00			
	10/02/96			28.06	28.06	72.67	0.00			
	10/09/97	98.88	100.73	31.73	31.73	69.00	0.00	0.25		Absorptive Boom
	11/08/97				31.73	69.00	0.00	0.10	12.96	Absorptive Boom/Hand Bail
	01/22/98			31.65	31.84	69.06	0.19		12.96	
	02/18/98			31.52	31.60	69.20	0.08		12.96	
	04/02/98			31.51	31.74	69.20	0.23	2.50	15.46	Absorptive Boom/Hand Bail
	05/05/98			31.31	31.37	69.41	0.06	2.50	17.96	Absorptive Boom/Hand Bail
	07/07/98			32.30	32.64	68.40	0.34	3.00	20.96	Absorptive Boom/Hand Bail
	10/02/98			31.81	32.25	68.88	0.44	2.00	22.96	Absorptive Boom/Hand Bail
	01/14/99			32.02	32.20	68.69	0.18	1.50	24.46	Absorptive Boom/Hand Bail
	04/15/99			31.57	31.98	69.12	0.41		24.46	
	07/13/99			31.10	31.55	69.59	0.45	1.50	25.96	Absorptive Boom/Hand Bail
	08/11/99			31.48	32.00	69.20	0.52	1.50	27.46	Absorptive Boom/Hand Bail
	09/22/99			31.68	31.90	69.03	0.22	0.25	27.71	Absorptive Boom/Hand Bail
	10/28/99			31.16	31.26	69.56	0.10	1.75	29.46	Absorptive Boom/Hand Bail
	11/23/99			31.16	31.26	69.56	0.10	0.25	29.71	Absorptive Boom
	12/17/99				31.29	69.44	0.00	0.25	29.96	Absorptive Boom
	01/13/00				31.30	69.43	0.00	0.25	30.21	Absorptive Boom
	02/15/00				31.33	69.40	0.00	0.25	29.46	Absorptive Boom
	03/31/00				31.41	69.32	0.00	0.25	30.46	Absorptive Boom
	04/27/00				31.32	69.41	0.00		30.46	Absorptive Boom
	05/31/00				31.73	69.00	0.00	0.25	30.71	Absorptive Boom

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

LEA STATION

[illegible]

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-1 (cont.)	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				32.10	68.63	0.00	0.00	34.46	Absorptive Boom
	01/21/04									
	03/01/04									
	05/06/04				29.30	71.43	0.00	0.00	34.46	Absorptive Boom
	05/21/04				29.20	71.53	0.00	0.00	34.46	Absorptive Boom
	06/03/04				29.42	71.31	0.00	0.00	34.46	Absorptive Boom
	06/18/04				29.50	71.23	0.00	0.00	34.46	Absorptive Boom (Changed Out)
	07/12/04				29.36	71.37	0.00	0.00	34.46	Absorptive Boom (Changed Out)
	07/23/04				29.48	71.25	0.00	0.00	34.46	Absorptive Boom
	09/03/04				29.57	71.16	0.00	0.00	34.46	Absorptive Boom (Changed Out)
	09/24/04				29.75	70.98	0.00	0.00	34.46	Absorptive Boom
	09/30/04				28.51	72.22	0.00	0.00	34.46	Absorptive Boom (Changed Out)
	10/15/04				29.15	71.58	0.00	0.00	34.46	Absorptive Boom
	11/09/04				27.65	73.08	0.00	0.00	34.46	Absorptive Boom
	11/19/04				27.63	73.10	0.00	0.00	34.46	Absorptive Boom
	12/07/04				27.44	73.29	0.00	0.00	34.46	Absorptive Boom (Changed Out)
	12/17/04				27.51	73.22	0.00	0.00	34.46	Absorptive Boom
MW-2	10/17/95	100.78	102.37	31.89	32.04	70.47	0.15	0.00		
	02/07/96			31.14	31.38	71.21	0.24	0.00		
	04/03/96			30.96	31.29	71.38	0.33	0.00		
	06/12/96				31.32	71.05	0.00	0.00		
	06/20/96				32.25	70.12	0.00	0.00		
	06/27/96				31.33	71.04	0.00	0.00		
	07/05/96				30.67	71.70	0.00	0.00		
	07/18/96				31.58	70.79	0.00	0.00		
	08/01/96				31.83	70.54	0.00	0.00		
	10/02/96			32.13	32.71	70.18	0.58	0.00		
	10/09/97				31.38	70.99	0.00	0.00		Absorptive Boom/Hand Bail

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-2 (cont.)	11/08/97	100.78	102.37		31.56	70.81	0.00	0.05	10.25	Absorptive Boom/Hand Bail
	01/22/98			33.34	34.37	68.93	1.03	0.50	10.75	Absorptive Boom/Hand Bail
	02/18/98			33.15	34.14	69.12	0.99	0.50	11.25	Absorptive Boom/Hand Bail
	04/02/98			33.51	34.72	68.74	1.21	2.00	13.25	Absorptive Boom/Hand Bail
	05/05/98			33.26	34.28	69.01	1.02	2.00	15.25	Absorptive Boom/Hand Bail
	07/07/98			34.62	36.44	67.57	1.82	3.00	18.25	Absorptive Boom/Hand Bail
	10/02/98			31.81	33.13	70.43	1.32	2.00	20.25	Absorptive Boom/Hand Bail
	01/14/99			32.83	34.23	69.40	1.40		20.25	Absorptive Boom/Hand Bail
	04/15/99			32.36	34.20	69.83	1.84		20.25	
	07/13/99			31.88	34.30	70.25	2.42	4.00	24.25	Hand Bail
	08/11/99			32.27	34.70	69.86	2.43	3.50	27.75	Hand Bail
	09/22/99			32.32	34.14	69.87	1.82	2.50	30.25	Hand Bail
	10/28/99			31.98	33.30	70.26	1.32	2.00	32.25	Hand Bail
	11/23/99			31.93	33.28	70.31	1.35	2.00	34.25	Absorptive Boom/Hand Bail
	12/17/99			32.26	32.94	70.04	0.68	1.25	35.50	Absorptive Boom/Hand Bail
	01/13/00			32.31	33.20	69.97	0.89	1.50	37.00	Absorptive Boom/Hand Bail
	02/15/00			32.30	33.30	69.97	1.00	0.50	37.50	Absorptive Boom/Hand Bail
	03/31/00			32.28	33.73	69.95	1.45	1.00	38.50	Absorptive Boom/Hand Bail
	04/27/00			32.01	33.31	70.23	1.30	1.50	40.00	Absorptive Boom/Hand Bail
	05/31/00			32.49	34.48	69.68	1.99	3.00	43.00	Absorptive Boom/Hand Bail
	06/30/00			32.58	33.79	69.67	1.21	2.00	45.00	Absorptive Boom/Hand Bail
	07/13/00			32.61	33.69	69.65	1.08	1.50	46.50	Absorptive Boom/Hand Bail
	08/30/00			32.27	34.03	69.92	1.76	1.50	48.00	Hand Bail
	09/21/00			32.60	34.86	69.54	2.26	3.00	51.00	Hand Bail
	10/03/00			32.80	34.12	69.44	1.32	1.50	52.50	Hand Bail
	11/29/00			32.76	34.30	69.46	1.54	2.50	55.00	Hand Bail
	12/13/00			32.70	33.58	69.58	0.88	0.50	55.50	Absorptive Boom/Hand Bail
	01/03/01			32.68	33.33	69.63	0.65	0.50	56.00	Absorptive Boom/Hand Bail
	02/06/01			32.79	33.83	69.48	1.04	0.50	56.50	Absorptive Boom/Hand Bail
	03/15/01			32.85	33.91	69.41	1.06	0.50	57.00	Absorptive Boom/Hand Bail
	04/05/01			33.00	34.10	69.26	1.10	0.50	57.50	Absorptive Boom/Hand Bail

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-2 (cont.)	05/03/01			32.98	34.16	69.27	1.18	0.50	58.00	Absorptive Boom/Hand Bail
	06/02/01			32.91	34.86	69.27	1.95	0.50	58.50	Absorptive Boom/Hand Bail
	07/10/01			32.89	35.50	69.22	2.61	1.50	59.00	Absorptive Boom/Hand Bail
	10/02/01			32.69	34.52	69.50	1.83	1.50	59.50	Absorptive Boom/Hand Bail
	01/28/02			32.90	34.34	69.33	1.44	1.50	60.00	Absorptive Boom/Hand Bail
	02/25/02			32.80	34.14	69.44	1.34	1.00	60.00	Hand Bail
	03/25/02			32.29	33.99	69.91	1.70	1.50	61.00	Hand Bail
	04/10/02			31.83	33.72	70.35	1.89	0.00	60.00	Installed passive skimmer
	05/16/02			33.32	34.14	68.97	0.82	3.00	63.00	Skimmer
	06/17/02			32.80	33.70	69.48	0.90	1.50	62.50	Skimmer
	07/02/02			32.91	33.03	69.45	0.12	2.50	62.50	Skimmer
	09/10/02			32.65	34.29	69.56	1.64	0.50	63.50	Skimmer
	10/08/02			32.80	34.38	69.41	1.58	0.50	63.00	Skimmer
	11/08/02			32.20	34.25	69.97	2.05	0.50	63.00	Skimmer
	01/28/03			32.22	34.59	69.91	2.37	2.50	66.00	Skimmer
	04/02/03			32.12	33.16	70.15	1.04	5.50	71.50	Skimmer
	05/10/03			32.15	33.12	70.12	0.97	4.50	76.00	Skimmer
	06/26/03			32.16	34.06	70.02	1.90	3.00	79.00	Skimmer
	07/08/03			33.12	33.47	69.22	0.35	3.00	82.00	Skimmer
	08/20/03			33.20	33.41	69.15	0.21	2.50	84.50	Skimmer
	09/30/03			33.19	33.65	69.13	0.46	2.50	87.00	Skimmer
	10/31/03			33.25	33.41	69.10	0.16	2.50	89.50	Skimmer
	11/12/03			34.10	34.23	68.26	0.13	0.50	90.00	Skimmer
	12/18/03			33.90	34.11	68.45	0.21	0.41	90.41	Skimmer
	01/21/04			33.54	33.88	68.80	0.34	2.50	92.91	Skimmer
	03/01/04			33.87	34.05	68.48	0.18	0.35	93.26	Skimmer
	05/06/04			31.55	31.90	70.79	0.35	0.62	93.88	Skimmer
	05/21/04			31.65	31.97	70.69	0.32	0.58	94.46	Skimmer
	06/03/04			31.49	31.91	70.84	0.42	0.85	95.31	Skimmer
	06/18/04			31.48	32.01	70.84	0.53	1.03	96.34	Skimmer
	07/12/04			31.51	32.12	70.80	0.61	2.50	98.84	Skimmer

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-2 (cont.)	7/23/004			31.62	32.23	70.69	0.61	2.50	101.34	Skimmer
	09/03/04			31.57	32.00	70.76	0.43	2.50	103.84	Skimmer
	09/24/04			32.23	32.35	70.13	0.12	2.50	106.34	Skimmer
	09/30/04			31.32	31.50	71.03	0.18	15.00	121.34	Skimmer
	10/15/04			30.39	30.89	71.93	0.50	2.50	123.84	Hand Bailed
	11/09/04			30.20	30.21	72.17	0.01		123.84	Skimmer
	11/19/04			29.97	30.00	72.40	0.03		123.84	Removed skimmer and installed absorbant sock
	12/07/04				29.02	73.35	0.00		123.84	Absorptive Boom (Changed Out)
	12/17/04				28.92	73.45	0.00		123.84	Absorptive Boom
MW-3	10/17/95	101.79	103.61		32.67	70.94	0.00	0.00		
	02/07/96				30.57	73.04	0.00	0.00		
	04/03/96				30.54	73.07	0.00	0.00		
	06/12/96							0.00		
	06/20/96							0.00		
	06/27/96							0.00		
	07/05/96							0.00		
	07/18/96				31.43	72.18	0.00	0.00		
	08/01/96							0.00		
	10/02/96				28.06	75.55	0.00	0.00		
	10/09/97				31.86	71.75	0.00	0.00		
	11/08/97	101.79	103.61					0.00		No PSH
	01/22/98				32.21	71.40	0.00	0.00		
	02/18/98				32.08	71.53	0.00	0.00		
	04/02/98				32.00	71.61	0.00	0.00		
	05/05/98				31.98	71.63	0.00	0.00		
	07/07/98				32.70	70.91	0.00	0.00		
	10/02/98				33.06	70.55	0.00	0.00		
	01/14/99			32.58	32.65	71.02	0.07	0.50	0.50	Absorptive Boom
	04/15/99			32.36	32.56	71.23	0.20	0.50	1.00	Absorptive Boom
	07/13/99			31.94	32.19	71.65	0.25	0.50	1.50	Absorptive Boom

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-3 (cont.)	08/11/99			32.26	32.54	71.32	0.28	0.50	2.00	Absorptive Boom
	09/22/99			32.49	32.61	71.11	0.12	0.25	2.25	Absorptive Boom
	10/28/99			32.10	32.12	71.51	0.02	0.25	2.50	Absorptive Boom
	11/23/99				31.92	71.69	0.00	0.25	2.75	Absorptive Boom
	12/17/99				31.94	71.67	0.00	0.25	3.00	Absorptive Boom
	01/13/00				31.96	71.65	0.00	0.25	3.25	Absorptive Boom
	02/15/00				32.00	71.61	0.00	0.25	2.00	Absorptive Boom
	03/31/00				32.10	71.51	0.00		3.25	Absorptive Boom
	04/27/00				31.98	71.63	0.00	0.25	3.50	PSH droplets present during purge
	05/31/00				32.43	71.18	0.00		3.50	Absorptive Boom
	06/30/00				32.65	70.96	0.00	0.25	3.75	Absorptive Boom
	07/13/00				32.23	71.38	0.00		3.75	Absorptive Boom
	08/30/00				32.49	71.12	0.00		3.75	Absorptive Boom
	09/21/00				32.83	70.78	0.00	0.25	4.00	Absorptive Boom
	10/03/00				32.85	70.76	0.00		4.00	Absorptive Boom
	11/29/00				32.81	70.80	0.00		4.00	Absorptive Boom
	12/13/00				32.74	70.87	0.00	0.25	4.25	Absorptive Boom
	01/03/01				32.57	71.04	0.00		4.25	Absorptive Boom
	02/06/01				32.65	70.96	0.00	0.25	4.50	Absorptive Boom
	03/15/01				32.58	71.03	0.00		4.50	Absorptive Boom
	04/05/01			32.50	32.61	71.10	0.11	0.25	4.75	Absorptive Boom
	05/03/01				32.68	70.93	0.00		4.75	Absorptive Boom
	06/02/01				32.92	70.69	0.00		4.75	Absorptive Boom
	07/10/01				33.45	70.16	0.00	0.25	5.00	Absorptive Boom
	10/02/01			33.14	33.43	70.44	0.29	0.25	5.25	Absorptive Boom
	01/28/02			32.43	32.75	71.15	0.32	0.25	5.50	Absorptive Boom
	02/25/02			32.51	32.59	71.09	0.08	0.25	5.75	Absorptive Boom
	03/25/02				32.35	71.26	0.00	0.25	6.00	Absorptive Boom
	04/10/02				32.42	71.19	0.00	0.25	6.25	Absorptive Boom
	05/16/02				31.96	71.65	0.00	0.25	6.50	Absorptive Boom
	06/17/02				31.92	71.69	0.00	0.00	6.50	Absorptive Boom

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-3 (cont.)	07/02/02				31.86	71.75	0.00	0.00	6.50	Absorptive Boom
	09/10/02				31.45	72.16	0.00	0.00	6.50	Absorptive Boom
	10/08/02				31.52	72.09	0.00	0.50	7.00	Absorptive Boom
	11/08/02				31.48	72.13	0.00	0.00	7.00	Absorptive Boom
	01/28/03				31.27	72.34	0.00	0.00	7.00	Absorptive Boom
	04/02/03				31.27	72.34	0.00	0.00	7.00	Absorptive Boom
	05/10/03									
	06/26/03									
	07/08/03				31.97	71.64	0.00	0.00	7.00	Absorptive Boom
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				32.87	70.74	0.00	0.00	7.00	Absorptive Boom
	01/21/04				32.86	70.75	0.00	0.00	7.00	Absorptive Boom (Changed Out)
	03/01/04				32.83	70.78	0.00	0.00	7.00	Absorptive Boom
	05/06/04				31.19	72.42	0.00	0.00	7.00	Absorptive Boom
	05/21/04				30.92	72.69	0.00	0.00	7.00	Absorptive Boom
	06/03/04				30.82	72.79	0.00	0.00	7.00	Absorptive Boom
	06/18/04				30.73	72.88	0.00	0.00	7.00	Absorptive Boom (Changed Out)
	07/12/04				30.66	72.95	0.00	0.00	7.00	Absorptive Boom (Changed Out)
	07/23/04				30.73	72.88	0.00	0.00	7.00	Absorptive Boom
	09/03/04				30.71	72.90	0.00	0.00	7.00	Absorptive Boom (Changed Out)
	09/24/04				30.73	72.88	0.00	0.00	7.00	Absorptive Boom
	09/30/04				30.65	72.96	0.00	0.00	7.00	Absorptive Boom (Changed Out)
	10/15/04				29.95	73.66	0.00	0.00	7.00	Absorptive Boom
	11/09/04				29.46	74.15	0.00	0.00	7.00	Absorptive Boom (Changed Out)
	11/19/04				29.42	74.19	0.00	0.00	7.00	Absorptive Boom
	12/07/04				29.15	74.46	0.00	0.00	7.00	Absorptive Boom
	12/17/04				29.01	74.60	0.00	0.00	7.00	Absorptive Boom (Changed Out)
MW-4	10/17/95	93.80	96.08		27.20	68.88	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-4 (cont.)	02/07/96	93.80	96.08		26.82	69.26	0.00			No PSH
	04/03/96				26.88	69.20	0.00			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				27.54	68.54	0.00			
	08/01/96									
	10/02/96				28.06	68.02	0.00			
	10/09/97				28.94	67.14	0.00			
	11/08/97				Not Gauged					
	01/22/98				28.68	67.40	0.00			
	02/18/98				Not Gauged					
	04/02/98				28.52	67.56	0.00			
	05/05/98				28.51	67.57	0.00			
	07/07/98				29.05	67.03	0.00			
	10/02/98				29.42	66.66	0.00			
	01/14/99				29.05	67.03	0.00			
	04/15/99				28.85	67.23	0.00			
	07/13/99				27.93	68.15	0.00			
	08/11/99				28.40	67.68	0.00			
	09/22/99				27.61	68.47	0.00			
	10/28/99				28.18	67.90	0.00			
	11/23/99				28.20	67.88	0.00			
	12/17/99				28.29	67.79	0.00			
	01/13/00				28.36	67.72	0.00			
	02/15/00				28.43	67.65	0.00			
	03/31/00				28.46	67.62	0.00			
	04/27/00				28.35	67.73	0.00			
	05/31/00				28.65	67.43	0.00			
	06/30/00				27.40	68.68	0.00			

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

LEA STATION

[illegible]

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-4 (cont.)	10/31/03									
	11/12/03									
	12/18/03				29.23	66.85	0.00			
	01/21/04									
	03/01/04									
	05/06/04									
	05/21/04									
	06/03/04				25.35	70.73	0.00			
	06/18/04				25.68	70.40	0.00			
	07/12/04				25.07	71.01	0.00			
	07/23/04				26.02	70.06	0.00			
	09/03/04				26.10	69.98	0.00			Absorptive Boom
	09/24/04				26.57	69.51	0.00			Absorptive Boom
	09/30/04				24.61	71.47	0.00			Absorptive Boom
	10/15/04				21.60	74.48	0.00			
	11/09/04				23.30	72.78	0.00			
	11/19/04				22.79	73.29	0.00			Absorptive Boom
	12/07/04				22.25	73.83	0.00			
	12/17/04				22.78	73.30	0.00			
MW-5	10/17/95	107.08	109.21	33.08	33.26	76.11	0.18			
	02/07/96				31.51	77.70	0.00			
	04/03/96				31.21	78.00	0.00			
	06/12/96				31.30	77.91	0.00			
	06/20/96				31.43	77.78	0.00			
	06/27/96				31.62	77.59	0.00			
	07/05/96				31.76	77.45	0.00			
	07/18/96				31.94	77.27	0.00			
	08/01/96				32.12	77.09	0.00			
	10/02/96				32.64	76.57	0.00			
	10/09/97				32.45	76.76	0.00			
	11/08/97	107.08	109.21						8.70	

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-5 (cont.)	01/22/98			32.68	32.81	76.52	0.13	1.00	9.70	Absorptive Boom
	02/18/98				32.50	76.71	0.00	0.30	10.00	Sheen, Absorptive Boom
	04/02/98				32.24	76.97	0.00	0.10	10.10	Absorptive Boom
	05/05/98				32.19	77.02	0.00	0.10	10.20	Absorptive Boom
	07/07/98				33.10	76.11	0.00	0.25	10.45	Absorptive Boom
	10/02/98				33.57	75.64	0.00	0.25	10.70	Absorptive Boom
	01/14/99				32.85	76.36	0.00	0.25	10.95	Absorptive Boom
	04/15/99				32.59	76.62	0.00	0.25	11.20	Absorptive Boom
	07/13/99				32.26	76.95	0.00		11.20	Absorptive Boom
	08/11/99				32.71	76.50	0.00	0.25	11.45	Absorptive Boom
	09/22/99				32.74	76.47	0.00		11.45	Absorptive Boom
	10/28/99				32.41	76.80	0.00	0.25	11.70	Absorptive Boom
	11/23/99				32.40	76.81	0.00		11.70	Absorptive Boom
	12/17/99				32.39	76.82	0.00	0.25	11.95	Absorptive Boom
	01/13/00				32.42	76.79	0.00		11.95	Absorptive Boom
	02/15/00				32.38	76.83	0.00	0.25	10.20	Absorptive Boom
	03/31/00				32.37	76.84	0.00		11.95	Absorptive Boom
	04/27/00				32.27	76.94	0.00		11.95	PSH droplets present during purge
	05/31/00				32.80	76.41	0.00	0.25	12.20	Absorptive Boom
	06/30/00				32.96	76.25	0.00		12.20	Absorptive Boom
	07/13/00				32.57	76.64	0.00		12.20	Absorptive Boom
	08/30/00				33.04	76.17	0.00	0.25	12.45	Absorptive Boom
	09/21/00				33.40	75.81	0.00		12.45	Absorptive Boom
	10/03/00				33.50	75.71	0.00		12.45	Absorptive Boom
	11/29/00				33.15	76.06	0.00		12.45	Absorptive Boom
	12/13/00				33.06	76.15	0.00		12.45	Absorptive Boom
	01/03/01				32.93	76.28	0.00		12.45	Absorptive Boom
	02/06/01				32.80	76.41	0.00		12.45	Absorptive Boom
	03/15/01				32.65	76.56	0.00		12.45	Absorptive Boom
	04/05/01				32.53	76.68	0.00		12.45	Absorptive Boom
	05/03/01				32.60	76.61	0.00		12.45	Absorptive Boom

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-5 (cont.)	06/02/01				32.86	76.35	0.00		12.45	Absorptive Boom
	07/10/01				33.20	76.01	0.00		12.45	Absorptive Boom
	10/02/01				33.20	76.01	0.00		12.45	Absorptive Boom
	01/28/02				32.95	76.26	0.00		12.45	Absorptive Boom
	02/25/02				32.39	76.82	0.00		12.45	Absorptive Boom
	03/25/02				32.38	76.83	0.00		12.45	Absorptive Boom
	04/10/02				32.27	76.94	0.00		12.45	Absorptive Boom
	05/16/02				32.00	77.21	0.00		12.45	Absorptive Boom
	06/17/02				32.09	77.12	0.00		12.45	Absorptive Boom
	07/02/02				32.02	77.19	0.00		12.45	Absorptive Boom
	09/10/02				31.91	77.30	0.00		12.45	Absorptive Boom
	10/08/02				32.11	77.10	0.00		12.45	Absorptive Boom
	11/08/02				32.00	77.21	0.00		12.45	Absorptive Boom
	01/28/03				31.75	77.46	0.00		12.45	Absorptive Boom
	04/02/03				31.57	77.64	0.00		12.45	Absorptive Boom
	05/10/03									
	06/26/03									
	07/08/03				32.23	76.98	0.00		12.45	Absorptive Boom
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				33.11	76.10	0.00		12.45	Absorptive Boom
	01/21/04								12.45	
	03/01/04								12.45	
	05/06/04								12.45	
	05/21/04								12.45	
	06/03/04				31.56	77.65	0.00		12.45	Absorptive Boom
	06/18/04				31.53	77.68	0.00		12.45	Absorptive Boom
	07/12/04				31.51	77.70	0.00		12.45	Absorptive Boom
	07/23/04				31.44	77.77	0.00		12.45	Absorptive Boom

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-5 (cont.)	09/03/04				31.44	77.77	0.00		12.45	
	09/24/04				31.48	77.73	0.00		12.45	
	09/30/04				31.33	77.88	0.00		12.45	Absorptive Boom
	10/15/04				30.58	78.63	0.00		12.45	Absorptive Boom (changed out)
	11/09/04				30.35	78.86	0.00		12.45	Absorptive Boom
	11/19/04				30.30	78.91	0.00		12.45	Absorptive Boom
	12/07/04				30.00	79.21	0.00		12.45	Absorptive Boom
	12/17/04				29.95	79.26	0.00		12.45	Absorptive Boom
MW-6	10/17/95	103.66	106.26		32.07	74.19	0.00			
	02/07/96			29.87	31.15	76.26	1.28			
	04/03/96			29.78	31.15	76.34	1.37			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				30.51	75.75	0.00			
	08/01/96									
	10/02/96				31.80	74.46	0.00			
	10/09/97				31.15	75.11	0.00			
	11/08/97	103.66	106.26							No PSH
	01/22/98				31.28	74.98	0.00			
	02/18/98				31.11	75.15	0.00			
	04/02/98				31.00	75.26	0.00			
	05/05/98				30.95	75.31	0.00			
	07/07/98				31.65	74.61	0.00			
	10/02/98				32.00	74.26	0.00			
	01/14/99				31.52	74.74	0.00			
	04/15/99				31.30	74.96	0.00			
	07/13/99				30.53	75.73	0.00			
	08/11/99				31.05	75.21	0.00			
	09/22/99				30.21	76.05	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-6 (cont.)	10/28/99				30.63	75.63	0.00			
	11/23/99				30.84	75.42	0.00			
	12/17/99				30.92	75.34	0.00			
	01/13/00				30.99	75.27	0.00			
	02/15/00				31.01	75.25	0.00			
	03/31/00				31.06	75.20	0.00			
	04/27/00				31.01	75.25	0.00			
	05/31/00				32.13	74.13	0.00			
	06/30/00				31.24	75.02	0.00			
	07/13/00				30.37	75.89	0.00			
	08/30/00				31.18	75.08	0.00			
	09/21/00				31.68	74.58	0.00			
	10/03/00				31.85	74.41	0.00			
	11/29/00				31.68	74.58	0.00			
	12/13/00				31.62	74.64	0.00			
	01/03/01				31.58	74.68	0.00			
	02/06/01				31.52	74.74	0.00			
	03/15/01				31.45	74.81	0.00			
	04/05/01				31.30	74.96	0.00			
	05/03/01				31.38	74.88	0.00			
	06/02/01				31.63	74.63	0.00			
	07/10/01				31.94	74.32	0.00			
	10/02/01				31.41	74.85	0.00			
	01/28/02				31.22	75.04	0.00			
	02/25/02				31.84	74.42	0.00			
	03/25/02				31.13	75.13	0.00			
	04/10/02				30.79	75.47	0.00			
	05/16/02				30.66	75.60	0.00			
	06/17/02				30.57	75.69	0.00			
	07/02/02				30.70	75.56	0.00			
	09/10/02				30.12	76.14	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
	10/08/02				30.36	75.90	0.00			
	11/08/02				30.16	76.10	0.00			
	01/28/03				30.25	76.01	0.00			
	04/02/03				30.17	76.09	0.00			
	05/10/03									
	06/26/03									
	07/08/03				30.69	75.57	0.00			
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				31.70	74.56	0.00			
	01/21/04									
	03/01/04									
	05/06/04									
	05/21/04									
	06/03/04				29.91	76.35	0.00			
	06/18/04				29.94	76.32	0.00			
	07/12/04				29.68	76.58	0.00			
	07/23/04				29.74	76.52	0.00			
	09/03/04				29.78	76.48	0.00			
	09/24/04				30.00	76.26	0.00			
	09/30/04				29.39	76.87	0.00			
	10/15/04				29.55	76.71	0.00			
	11/09/04				28.51	77.75	0.00			
	11/19/04				28.44	77.82	0.00			
	12/07/04				27.75	78.51	0.00			
	12/17/04				28.00	78.26	0.00			
MW-7	10/17/95	104.34	106.27		32.20	74.07	0.00			
	02/07/96				30.50	75.77	0.00			
	04/03/96				30.40	75.87	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-7 (cont.)	06/12/96	104.34	106.27							No PSH
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				31.24	75.03	0.00			
	08/01/96									
	10/02/96				31.80	74.47	0.00			
	10/09/97				31.40	74.87	0.00			
	11/08/97									
	01/22/98				31.97	74.30	0.00			
	02/18/98				31.78	74.49	0.00			
	04/02/98				31.66	74.61	0.00			
	05/05/98				31.61	74.66	0.00			
	07/07/98				32.40	73.87	0.00			
	10/02/98				32.75	73.52	0.00			
	01/14/99				32.21	74.06	0.00			
	04/15/99				32.00	74.27	0.00			
	07/13/99				31.50	74.77	0.00			
	08/11/99				31.95	74.32	0.00			
	09/22/99				31.85	74.42	0.00			
	10/28/99				31.55	74.72	0.00			
	11/23/99				31.62	74.65	0.00			
	12/17/99				31.67	74.60	0.00			
	01/13/00				31.69	74.58	0.00			
	02/15/00				31.70	74.57	0.00			
	03/31/00				31.74	74.53	0.00			
	04/27/00				31.69	74.58	0.00			
	05/31/00				32.13	74.14	0.00			
	06/30/00				32.25	74.02	0.00			
	07/13/00				31.69	74.58	0.00			
	08/30/00				32.12	74.15	0.00			

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

LEA STATION

[illegible]

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-7 (cont.)	12/18/03				32.43	73.84	0.00			
	01/21/04									
	03/01/04									
	05/06/04									
	05/21/04									
	06/03/04				30.70	75.57	0.00			
	06/18/04				30.70	75.57	0.00			
	07/12/04				30.62	75.65	0.00			
	07/23/04				30.62	75.65	0.00			
	09/03/04				30.66	75.61	0.00			
	09/24/04				30.78	75.49	0.00			
	09/30/04				30.65	75.62	0.00			
	10/15/04				29.35	76.92	0.00			
	11/09/04				29.42	76.85	0.00			
	11/19/04				29.36	76.91	0.00			
	12/07/04				28.98	77.29	0.00			
	12/17/04				28.98	77.29	0.00			
MW-8	10/17/95	105.52	107.44	31.62	33.22	75.66	1.60			
	02/07/96									
	04/03/96				30.37	77.07	0.00			
	06/12/96			30.29	30.35	77.14	0.06			
	06/20/96				30.63	76.81	0.00			
	06/27/96				30.77	76.67	0.00			
	07/05/96				31.70	75.74	0.00			
	07/18/96				30.85	76.59	0.00			
	08/01/96				31.13	76.31	0.00			
	10/02/96				31.40	76.04	0.00			
	10/09/97				32.34	75.10	0.00			
	11/08/97	105.52	107.44		32.16	75.28	0.00		34.67	Absorptive Boom
	01/22/98				31.56	75.88	0.00	1.00	35.67	Absorptive Boom
	02/18/98				32.68	74.76	0.00	0.10	35.77	Absorptive Boom

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-8 (cont.)	04/02/98		108.23		32.54	75.69	0.00	0.10	35.87	Absorptive Boom, Connected to SVE
	05/05/98				32.49	75.74	0.00	0.10	35.97	Absorptive Boom
	07/07/98				33.37	74.86	0.00	0.10	36.07	Absorptive Boom
	10/02/98				32.75	75.48	0.00	0.10	36.17	Absorptive Boom
	01/14/99				32.21	76.02	0.00		36.17	Absorptive Boom
	04/15/99				32.00	76.23	0.00		36.17	SVE System Activated
	07/13/99				31.50	76.73	0.00		36.17	SVE System
	08/11/99				31.95	76.28	0.00		36.17	SVE System
	09/22/99				31.85	76.38	0.00		36.17	SVE System
	10/28/99				31.55	76.68	0.00		36.17	SVE System
	11/23/99				31.62	76.61	0.00		36.17	SVE System
	12/17/99				31.65	76.58	0.00		36.17	SVE System
	01/13/00				32.57	75.66	0.00		36.17	SVE System
	02/15/00				31.51	76.72	0.00		36.17	SVE System
	03/31/00				32.60	75.63	0.00		36.17	SVE System
	04/27/00				32.52	75.71	0.00		36.17	PSH droplets present during purge
	05/31/00				33.02	75.21	0.00		36.17	SVE System down repaired on June2
	06/30/00				33.10	75.13	0.00		36.17	SVE System down will repair
	07/13/00				32.58	75.65	0.00		36.17	SVE System repaired July 13
	08/30/00				33.10	75.13	0.00		36.17	SVE System
	09/21/00				33.50	74.73	0.00		36.17	SVE System
	10/03/00				33.63	74.60	0.00		36.17	SVE System
	11/29/00				33.07	75.16	0.00		36.17	SVE System
	12/13/00				33.22	75.01	0.00		36.17	SVE System
	01/03/01				33.18	75.05	0.00		36.17	SVE System
	02/06/01				33.05	75.18	0.00		36.17	SVE System
	03/15/01				32.91	75.32	0.00		36.17	SVE System
	04/05/01				32.80	75.43	0.00		36.17	SVE System
	05/03/01				32.87	75.36	0.00		36.17	SVE System
	06/02/01				33.12	75.11	0.00		36.17	SVE System
	07/10/01				33.92	74.31	0.00		36.17	SVE System

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-8 (cont.)	10/02/01				33.92	74.31	0.00		36.17	SVE System
	01/28/02				32.73	75.50	0.00		36.17	SVE System
	02/25/02				32.65	75.58	0.00		36.17	SVE System
	03/25/02				32.65	75.58	0.00		36.17	SVE System
	04/10/02				32.43	75.80	0.00		36.17	SVE System
	05/16/02				32.25	75.98	0.00		36.17	SVE System
	06/17/02				32.31	75.92	0.00		36.17	SVE System
	07/02/02				32.26	75.97	0.00		36.17	SVE System
	09/10/02				32.27	75.96	0.00		36.17	SVE System
	10/08/02				32.20	76.03	0.00		36.17	SVE System
	11/08/02				32.07	76.16	0.00		36.17	SVE System
	01/28/03				32.00	76.23	0.00		36.17	SVE System
	04/02/03				31.75	76.48	0.00		36.17	SVE System
	05/10/03									
	06/26/03									
	07/08/03				32.45	75.78	0.00		36.17	SVE System
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				33.36	74.87	0.00		36.17	SVE System
	01/21/04									
	03/01/04									
	05/06/04									
	05/21/04									
	06/03/04				31.68	76.55	0.00			
	06/18/04				31.66	76.57	0.00			
	07/12/04				31.56	76.67	0.00			
	07/23/04				31.55	76.68	0.00			
	09/03/04				31.62	76.61	0.00			
	09/24/04				31.84	76.39	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-8 (cont.)	09/30/04				31.57	76.66	0.00			
	10/15/04				30.54	77.69	0.00			
	11/09/04				30.60	77.63	0.00			
	11/19/04				30.37	77.86	0.00			
	12/07/04				30.06	78.17	0.00			
	12/17/04				30.01	78.22	0.00			
MW-9	10/17/95	93.76	97.21		31.14	66.07	0.00			
	02/07/96				28.76	68.45	0.00			
	04/03/96				28.82	68.39	0.00			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				29.65	67.56	0.00			
	08/01/96									
	10/02/96				30.16	67.05	0.00			
	10/09/97				30.19	67.02	0.00			
	11/08/97	93.76	97.21							No PSH
	01/22/98				30.78	66.43	0.00			
	02/18/98									
	04/02/98				30.59	66.62	0.00			
	05/05/98				30.57	66.64	0.00			
	07/07/98				31.33	65.88	0.00			
	10/02/98				31.70	65.51	0.00			
	01/14/99				31.28	65.93	0.00			
	04/15/99				30.93	66.28	0.00			
	07/13/99				30.38	66.83	0.00			
	08/11/99				30.89	66.32	0.00			
	09/22/99				30.06	67.15	0.00			
	10/28/99				30.42	66.79	0.00			
	11/23/99				30.58	66.63	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-9 (cont.)	12/17/99				30.62	66.59	0.00			
	01/13/00				30.64	66.57	0.00			
	02/15/00				30.69	66.43	0.00			
	03/31/00				30.75	66.46	0.00			
	04/27/00				30.66	66.55	0.00			
	05/31/00				31.06	66.15	0.00			
	06/30/00				27.43	69.78	0.00			
	07/13/00				27.33	69.88	0.00			
	08/30/00									Well damaged by EPI, not able to access
	09/21/00									Well damaged by EPI, not able to access
	10/03/00									Well damaged by EPI, not able to access
	11/29/00									Well damaged by EPI, not able to access
	12/13/00									Well damaged by EPI, not able to access
	01/03/01									Well damaged by EPI, not able to access
	02/06/01									Well damaged by EPI, not able to access
	03/15/01									Well damaged by EPI, not able to access
	04/05/01		96.16		30.29	65.87	0.00			Well replaced by EPI.
	05/03/01				30.37	65.79	0.00			
	06/02/01				30.61	65.55	0.00			
	07/10/01				30.86	65.30	0.00			
	10/02/01				30.29	65.87	0.00			
	01/28/02				30.21	65.95	0.00			
	02/25/02				30.20	65.96	0.00			
	03/25/02				30.10	66.06	0.00			
	04/10/02				29.70	66.46	0.00			
	05/16/02				29.51	66.65	0.00			
	06/17/02				29.65	66.51	0.00			
	07/02/02				29.36	66.80	0.00			
	09/10/02				28.83	67.33	0.00			
	10/08/02				29.13	67.03	0.00			
	11/08/02				28.65	67.51	0.00			

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

[illegible]

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-10 (cont.)	06/27/96	99.63	102.51							No PSH
	07/05/96									
	07/18/96				35.22	67.29	0.00			
	08/01/96									
	10/02/96				34.79	67.72	0.00			
	10/09/97				34.72	67.79	0.00			
	11/08/97									
	01/22/98				36.46	66.05	0.00			
	02/18/98									
	04/02/98				36.25	66.26	0.00			
	05/05/98				36.27	66.24	0.00			
	07/07/98				35.89	66.62	0.00			
	10/02/98				37.40	65.11	0.00			
	01/14/99				37.04	65.47	0.00			
	04/15/99				36.76	65.75	0.00			
	07/13/99				36.28	66.23	0.00			
	08/11/99				36.70	65.81	0.00			
	09/22/99				36.86	65.65	0.00			
	10/28/99				36.35	66.16	0.00			
	11/23/99				36.39	66.12	0.00			
	12/17/99				36.42	66.09	0.00			
	01/13/00				36.42	66.09	0.00			
	02/15/00				36.44	66.07	0.00			
	03/31/00				36.47	66.04	0.00			
	04/27/00				36.42	66.09	0.00			PSH droplets present during purge
	05/31/00				36.90	65.61	0.00			
	06/30/00				36.51	66.00	0.00			
	07/13/00				35.40	67.11	0.00			
	08/30/00				36.34	66.17	0.00			
	09/21/00				36.81	65.70	0.00			
	10/03/00				36.96	65.55	0.00			

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

LEA STATION

LEA COUNTY, NEW MEXICO[illegible]

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-10 (cont.)	03/01/04									
	05/06/04									
	05/21/04				34.35	68.16	0.00			
	06/03/04				34.40	68.11	0.00			
	06/18/04				34.43	68.08	0.00			
	07/12/04				34.38	68.13	0.00			
	07/23/04				34.42	68.09	0.00			
	09/03/04				34.65	67.86	0.00			
	09/24/04				34.75	67.76	0.00			
	09/30/04				33.62	68.89	0.00			
	10/15/04				32.40	70.11	0.00			
	11/09/04				32.71	69.80	0.00			
	11/19/04				32.51	70.00	0.00			
	12/07/04				32.26	70.25	0.00			
	12/17/04				32.32	70.19	0.00			
MW-11	10/17/95	104.48	105.62	32.33	32.48	73.28	0.15			
	02/07/96			31.66	32.31	73.90	0.65			
	04/03/96			31.40	32.13	74.15	0.73			
	06/12/96			31.76	32.07	73.83	0.31			
	06/20/96			31.91	31.96	73.71	0.05			
	06/27/96				31.78	73.84	0.00			
	07/05/96				32.12	73.50	0.00			
	07/18/96				32.12	73.50	0.00			
	08/01/96				32.37	73.25	0.00			
	10/02/96			32.47	33.14	73.08	0.67			
	10/09/97				32.47	73.15	0.00			
	11/08/97	104.48	105.62		32.47	73.15	0.00		17.49	Absorptive Boom
	01/22/98				32.18	73.44	0.00		17.49	Absorptive Boom
	02/18/98			32.79	32.99	72.81	0.20	1.00	18.49	Absorptive Boom
	04/02/98			32.71	33.48	72.83	0.77	2.00	20.49	Absorptive Boom/Hand Bail
	05/05/98			32.56	33.71	72.95	1.15	2.50	22.99	Absorptive Boom/Hand Bail

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-11 (cont.)	07/07/98			33.20	34.92	72.25	1.72	3.00	25.99	Absorptive Boom/Hand Bail
	10/02/98			33.00	33.75	72.55	0.75	1.50	27.49	Absorptive Boom/Hand Bail
	01/14/99			33.40	33.69	72.19	0.29		27.49	
	04/15/99			32.85	33.53	72.70	0.68		27.49	
	07/13/99			32.43	34.20	73.01	1.77	3.00	30.49	Hand Bail
	08/11/99			32.73	34.89	72.67	2.16	3.50	33.99	Hand Bail
	09/22/99			32.85	33.77	72.68	0.92	0.50	34.49	Absorptive Boom/Hand Bail
	10/28/99			32.78	33.27	72.79	0.49	0.25	34.74	Absorptive Boom/Hand Bail
	11/23/99			32.60	33.53	72.93	0.93	1.00	35.74	Absorptive Boom/Hand Bail
	12/17/99			32.70	33.26	72.86	0.56	1.00	36.74	Absorptive Boom/Hand Bail
	01/13/00			32.70	33.26	72.86	0.56	0.25	36.99	Absorptive Boom/Hand Bail
	02/15/00			32.73	33.55	72.81	0.82	0.50	37.49	Absorptive Boom/Hand Bail
	03/31/00			32.84	33.73	72.69	0.89	0.50	37.99	Absorptive Boom/Hand Bail
	04/27/00			32.52	33.35	73.02	0.83	0.50	38.49	Absorptive Boom/Hand Bail
	05/31/00			33.12	34.33	72.38	1.21	1.00	39.49	Absorptive Boom/Hand Bail
	06/30/00			33.51	33.81	72.08	0.30	0.25	39.74	Absorptive Boom/Hand Bail
	07/13/00				33.24	72.38	0.00	0.25	39.99	Absorptive Boom
	08/30/00				33.43	72.19	0.00	0.25	40.24	Absorptive Boom
	09/21/00				33.75	71.87	0.00	0.25	40.49	Absorptive Boom
	10/03/00				33.73	71.89	0.00	0.00	40.49	Absorptive Boom
	11/29/00				33.55	72.07	0.00	0.25	40.74	Absorptive Boom
	12/13/00				33.30	72.32	0.00	0.00	40.74	Absorptive Boom
	01/03/01				33.28	72.34	0.00	0.00	40.74	Absorptive Boom
	02/06/01				33.26	72.36	0.00	0.25	40.99	Absorptive Boom
	03/15/01				33.20	72.42	0.00	0.25	41.24	Absorptive Boom
	04/05/01				33.10	72.52	0.00	0.25	41.49	Absorptive Boom
	05/03/01				33.17	72.45	0.00	0.25	41.74	Absorptive Boom
	06/02/01				33.40	72.22	0.00	0.25	41.99	Absorptive Boom
	07/10/01			33.94	34.08	71.67	0.14	0.25	41.99	Absorptive Boom
	10/02/01			33.93	33.94	71.69	0.01	0.25	42.24	Absorptive Boom
	01/28/02			33.10	33.13	72.52	0.03	0.25	42.24	Absorptive Boom

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-11 (cont.)	02/25/02				32.97	72.65	0.00	0.25	42.49	Absorptive Boom
	03/25/02				32.94	72.68	0.00	0.25	42.49	Absorptive Boom
	04/10/02				32.83	72.79	0.00	0.25	42.74	Absorptive Boom
	05/16/02			32.69	32.75	72.92	0.06	0.25	42.74	Absorptive Boom
	06/17/02			32.71	32.95	72.89	0.24	0.25	42.99	Absorptive Boom
	07/02/02			32.61	32.72	73.00	0.11	0.25	42.99	Absorptive Boom
	09/10/02			33.12	33.22	72.49	0.10	0.00	42.99	Absorptive Boom
	10/08/02			33.09	33.38	72.50	0.29	0.50	43.49	Skimmer
	11/08/02			33.45	33.61	72.15	0.16	0.50	43.49	
	01/28/03			32.67	32.76	72.94	0.09	0.50	43.99	
	04/02/03				32.13	73.49	0.00	0.00	43.99	
	05/10/03				32.21	73.41	0.00	0.50	44.49	Absorptive Boom
	06/26/03				32.41	73.21	0.00	0.50	44.99	Absorptive Boom
	07/08/03				32.75	72.87	0.00	0.25	45.24	Absorptive Boom
	08/20/03				32.77	72.85	0.00	0.25	45.49	Absorptive Boom
	09/30/03									
	10/31/03				32.88	72.74	0.00	0.25	45.74	Absorptive Boom
	11/12/03									
	12/17/03				33.98	71.64	0.00	0.25	45.99	Absorptive Boom
	01/21/04				34.02	71.60	0.00	0.00	45.99	Absorptive Boom (Changed Out)
	03/01/04				33.45	72.17	0.00	0.00	45.99	Absorptive Boom
	05/06/04				31.88	73.74	0.00	0.00	45.99	Absorptive Boom
	05/21/04				31.88	73.74	0.00	0.00	45.99	Absorptive Boom
	06/03/04				31.70	73.92	0.00	0.00	45.99	Absorptive Boom
	06/18/04				31.54	74.08	0.00	0.00	45.99	Absorptive Boom
	07/12/04				31.48	74.14	0.00	0.00	45.99	Absorptive Boom (Changed Out)
	07/23/04				31.57	74.05	0.00	0.00	45.99	Absorptive Boom
	09/03/04				31.56	74.06	0.00	0.00	45.99	Absorptive Boom (Changed Out)
	09/24/04				31.60	74.02	0.00	0.00	45.99	Absorptive Boom
	09/30/04				31.46	74.16	0.00	0.00	45.99	Absorptive Boom (Changed Out)
	10/15/04				30.80	74.82	0.00	0.00	45.99	Absorptive Boom

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-11 (cont.)	11/09/04				30.40	75.22	0.00	0.00	45.99	Absorptive Boom (Changed Out)
	11/19/04				30.33	75.29	0.00	0.00	45.99	Absorptive Boom
	12/07/04				30.07	75.55	0.00	0.00	45.99	
	12/17/04				29.94	75.68	0.00	0.00	45.99	Absorptive Boom (Changed Out)
MW-12	10/17/95	Not Surveyed	103.90		32.41	71.49	0.00			No PSH
	02/07/96				31.00	72.90	0.00			
	04/03/96				30.91	72.99	0.00			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				31.70	72.20	0.00			
	08/01/96									
	10/02/96				32.20	71.70	0.00			
	10/09/97				32.29	71.61	0.00			
	11/08/97	Not Surveyed	103.90							
	01/22/98				32.62	71.28	0.00			
	02/18/98				32.48	71.42	0.00			
	04/02/98				32.25	71.65	0.00			
	05/05/98				32.42	71.48	0.00			
	07/07/98				33.33	70.57	0.00			
	10/02/98				33.34	70.56	0.00			
	01/14/99				32.68	71.22	0.00			
	04/15/99				32.42	71.48	0.00			
	07/13/99				32.29	71.61	0.00			
	08/11/99				32.62	71.28	0.00			
	09/22/99				32.50	71.40	0.00			
	10/28/99				32.06	71.84	0.00			
	11/23/99				32.04	71.86	0.00			
	12/17/99				30.05	73.85	0.00			
	01/13/00				32.03	71.87	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-12 (cont.)	02/15/00				32.05	71.85	0.00			
	03/31/00				32.06	71.84	0.00			
	04/27/00				32.02	71.88	0.00			
	05/31/00				32.66	71.24	0.00			
	06/30/00				32.66	71.24	0.00			
	07/13/00				32.16	71.74	0.00			
	08/30/00				32.48	71.42	0.00			
	09/21/00				32.85	71.05	0.00			
	10/03/00				32.95	70.95	0.00			
	11/29/00				32.74	71.16	0.00			
	12/13/00				32.63	71.27	0.00			
	01/03/01				32.56	71.34	0.00			
	02/06/01				32.48	71.42	0.00			
	03/15/01				32.38	71.52	0.00			
	04/05/01				32.27	71.63	0.00			
	05/03/01				32.33	71.57	0.00			
	06/02/01				32.55	71.35	0.00			
	07/10/01				33.11	70.79	0.00			
	10/02/01				32.99	70.91	0.00			
	01/28/02				32.24	71.66	0.00			
	02/25/02				32.17	71.73	0.00			
	03/25/02				32.14	71.76	0.00			
	04/10/02				32.01	71.89	0.00			
	05/16/02				32.09	71.81	0.00			
	06/17/02				32.01	71.89	0.00			
	07/02/02				31.94	71.96	0.00			
	09/10/02				31.48	72.42	0.00			
	10/08/02				31.60	72.30	0.00			
	11/08/02				31.52	72.38	0.00			
	01/28/03				31.27	72.63	0.00			
	04/02/03				31.25	72.65	0.00			

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

LEA STATION

LEA COUNTY, NEW MEXICO

[illegible]

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-13 (cont.)	07/18/96	Not Surveyed	103.89		29.69	74.20	0.00			No PSH
	08/01/96									
	10/02/96				31.21	72.68	0.00			
	10/09/97				30.61	73.28	0.00			
	11/08/97									
	01/22/98				30.25	73.64	0.00			
	02/18/98				30.11	73.78	0.00			
	04/02/98				29.99	73.90	0.00			
	05/05/98				29.99	73.90	0.00			
	07/07/98				30.99	72.90	0.00			
	10/02/98				31.27	72.62	0.00			
	01/14/99				30.60	73.29	0.00			
	04/15/99				30.35	73.54	0.00			
	07/13/99				30.21	73.68	0.00			
	08/11/99				30.58	73.31	0.00			
	09/22/99				30.37	73.52	0.00			
	10/28/99				30.10	73.79	0.00			
	11/23/99				30.06	73.83	0.00			
	12/17/99				28.58	75.31	0.00			
	01/13/00				30.05	73.84	0.00			
	02/15/00				30.03	73.86	0.00			
	03/31/00				30.06	73.83	0.00			
	04/27/00				30.02	73.87	0.00			
	05/31/00				30.66	73.23	0.00			
	06/30/00				30.76	73.13	0.00			
	07/13/00				30.33	73.56	0.00			
	08/30/00				30.80	73.09	0.00			
	09/21/00				31.14	72.75	0.00			
	10/03/00				31.23	72.66	0.00			
	11/29/00				30.81	73.08	0.00			
	12/13/00				30.79	73.10	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-13 (cont.)	01/03/01				30.63	73.26	0.00			
	02/06/01				30.52	73.37	0.00			
	03/15/01				30.41	73.48	0.00			
	04/05/01				30.30	73.59	0.00			
	05/03/01				30.37	73.52	0.00			
	06/02/01				30.61	73.28	0.00			
	07/10/01				31.30	72.59	0.00			
	10/02/01				31.05	72.84	0.00			
	01/28/02				30.30	73.59	0.00			
	02/25/02				30.21	73.68	0.00			
	03/25/02				30.17	73.72	0.00			
	04/10/02				30.01	73.88	0.00			
	05/16/02				29.83	74.06	0.00			
	06/17/02				29.90	73.99	0.00			
	07/02/02				29.89	74.00	0.00			
	09/10/02				29.69	74.20	0.00			
	10/08/02				29.83	74.06	0.00			
	11/08/02				29.65	74.24	0.00			
	01/28/03				29.41	74.48	0.00			
	04/02/03				29.30	74.59	0.00			
	05/10/03									
	06/26/03									
	07/08/03				30.13	73.76	0.00			
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				30.88	73.01	0.00			
	01/21/04									
	03/01/04									
	05/06/04				29.27	74.62	0.00			

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-13 (cont.)	05/21/04				29.09	74.80	0.00			
	06/03/04				29.08	74.81	0.00			
	06/18/04				29.10	74.79	0.00			
	07/12/04				29.12	74.77	0.00			
	07/23/04				29.17	74.72	0.00			
	09/03/04				29.19	74.70	0.00			
	09/24/04				29.27	74.62	0.00			
	09/30/04				29.13	74.76	0.00			
	10/15/04				28.46	75.43	0.00			
	11/09/04				28.14	75.75	0.00			
	11/19/04				27.44	76.45	0.00			
	12/07/04				27.68	76.21	0.00			
	12/17/04				27.60	76.29	0.00			
RW-1	10/17/95	Not Surveyed	106.40							
	02/07/96									
	04/03/96			27.36	27.37	79.03	0.01			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				28.25	78.15	0.00			
	08/01/96				28.47	77.93	0.00			
	10/02/96									
	10/09/97				27.37	79.03	0.00			
	11/08/97	Not Surveyed	106.40							
	01/22/98				27.37	79.03	0.00			
	02/18/98				30.87	75.53	0.00			
	04/02/98				30.78	75.62	0.00			
	05/05/98				30.68	75.72	0.00			
	07/07/98			31.54	31.82	74.83	0.28			
	10/02/98			31.85	32.01	74.53	0.16			
										SVE System SVE System SVE System

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-1 (cont.)	01/14/99			31.18	31.20	75.22	0.02			
	04/15/99			31.05	31.07	75.35	0.02			SVE System Activated
	07/13/99				30.16	76.24	0.00			SVE System
	08/11/99				31.09	75.31	0.00			SVE System
	09/22/99				29.73	76.67	0.00			SVE System
	10/28/99				30.69	75.71	0.00			SVE System
	11/23/99				30.72	75.68	0.00			SVE System
	12/17/99				28.58	77.82	0.00			SVE System
	01/13/00				30.80	75.60	0.00			SVE System
	02/15/00				28.03	78.37	0.00			SVE System
	03/31/00				30.82	75.58	0.00			SVE System
	04/27/00				30.74	75.66	0.00			SVE System
	05/31/00				31.22	75.18	0.00			SVE System down/Repaired on June 2
	06/30/00				31.30	75.10	0.00			SVE System down will repair
	07/13/00				30.79	75.61	0.00			SVE System repaired July 13
	08/30/00				30.69	75.71	0.00			SVE System
	09/21/00				31.72	74.68	0.00			SVE System
	10/03/00				31.85	74.55	0.00			SVE System
	11/29/00				32.09	74.31	0.00			SVE System
	12/13/00				32.22	74.18	0.00			SVE System
	01/03/01				31.40	75.00	0.00			SVE System
	02/06/01				31.42	74.98	0.00			SVE System
	03/15/01				31.24	75.16	0.00			SVE System
	04/05/01				31.00	75.40	0.00			SVE System
	05/03/01				31.09	75.31	0.00			SVE System
	06/02/01				31.33	75.07	0.00			SVE System
	07/10/01				32.00	74.40	0.00			SVE System
	10/02/01				31.94	74.46	0.00			SVE System
	01/28/02				30.96	75.44	0.00			SVE System
	02/25/02				30.89	75.51	0.00			SVE System
	03/25/02				30.90	75.50	0.00			SVE System

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-1 (cont.)	04/10/02				30.68	75.72	0.00			SVE System
	05/16/02				30.49	75.91	0.00			SVE System
	06/17/02				30.56	75.84	0.00			SVE System
	07/02/02				30.51	75.89	0.00			SVE System
	09/10/02				30.65	75.75	0.00			SVE System
	10/08/02				30.43	75.97	0.00			SVE System
	11/08/02				30.31	76.09	0.00			SVE System
	01/28/03				30.16	76.24	0.00			SVE System
	04/02/03				30.00	76.40	0.00			SVE System
	05/10/03									
	06/26/03									
	07/08/03				30.69	75.71	0.00			SVE System
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				31.68	74.72	0.00			SVE System
	01/21/04									
	03/01/04									
	05/06/04									
	05/21/04									
	06/03/04				29.40	77.00	0.00			
	06/18/04				29.38	77.02	0.00			
	07/12/04				29.28	77.12	0.00			
	07/23/04				29.29	77.11	0.00			
	09/03/04				29.32	77.08	0.00			
	09/27/04				29.47	76.93	0.00			
	09/30/04				29.22	77.18	0.00			
	10/15/04				28.20	78.20	0.00			Absorptive Boom
	11/09/04				28.15	78.25	0.00			Absorptive Boom (changed out)
	11/19/04				28.05	78.35	0.00			

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

[illegible]

RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

LEA STATION

LEA COUNTY, NEW MEXICO[illegible]

TABLE 1

**RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY**

**PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO**

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-2 (cont.)	07/08/03				29.94	76.71	0.00			SVE System
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				30.90	75.75	0.00			SVE System
	01/21/04									
	03/01/04									
	05/06/04									
	05/21/04									
	06/03/04				29.25	77.40	0.00			
	06/18/04				29.20	77.45	0.00			
	07/12/04				29.14	77.51	0.00			
	07/23/04				29.13	77.52	0.00			
	09/03/04				29.08	77.57	0.00			
	09/24/04				29.30	77.35	0.00			
	09/30/04				28.36	78.29	0.00			
	10/15/04				27.85	78.80	0.00			
	11/09/04				27.97	78.68	0.00			
	11/19/04				27.91	78.74	0.00			
	12/07/01				27.40	79.25	0.00			
	12/17/04				28.53	78.12	0.00			Absorbive boom

* Measured from a relative datum (benckmark = 100 feet).

** Correction Equation for Phase-Separated Hydrocarbons: Corrected Groundwater Elevation =
Top of Casing Elevation - [Depth to Water Below Top of Casing - (SG)(PSH Thickness)].
Specific Gravity (SG) = 0.9 for crude oil.

Note 1: Total recovery: 259.91 gallons by manual means.

Note 2: The SVE System blower failed on 3/12/98. The system was reactivated on 4/15/99.

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	Total TPH
MW-1	10/17/95	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	02/07/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/03/96	Not Sampled							
	07/18/96	Not Sampled							
	10/02/96	0.29	<0.003	0.12	<0.003	0.41			
	10/09/97	Not Sampled							
	01/22/98	Not Sampled							
	05/05/98	Not Sampled							
	07/08/98	Not Sampled							
	10/02/98	Not Sampled							
	01/14/99	Not Sampled							
	04/15/99	Not Sampled							
	01/13/00	Not Sampled							
	04/28/00	Not Sampled							
	10/06/00	Not Sampled							
	01/03/01	Not Sampled							
	04/05/01	Not Sampled							
	07/10/01	Not Sampled							
	10/03/01	Not Sampled							
	01/28/02	Not Sampled							
	04/10/02	Not Sampled							
	07/02/02	Not Sampled							
	10/08/02	Not Sampled							
	01/29/03	Not Sampled							
	04/02/03	0.372	ND	0.0981	0.0403	0.5104			
	07/08/03	Not Sampled							
	12/18/03	0.403	ND	0.076	0.020	0.499			
	05/06/04	0.263	<0.001	0.050	0.012	0.325	1.05	14.7	15.75
	07/23/04	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	09/30/04	0.122	<0.001	0.018	0.009	0.148	<0.5	1.39	1.39
12/17/04	0.097	<0.001	0.011	0.012	0.120				
MW-2	10/17/95	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	02/07/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/03/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	07/18/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	10/02/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	10/09/97	Not Sampled							
	01/22/98	Not Sampled							
	05/05/98	Not Sampled							
	07/08/98	Not Sampled							
	10/02/98	Not Sampled							
	01/14/99	Not Sampled							
	04/15/99	Not Sampled							
	01/13/00	Not Sampled							
	04/28/00	Not Sampled							
	10/06/00	Not Sampled							
	01/03/01	Not Sampled							
	04/05/01	Not Sampled							
	07/10/01	Not Sampled							
	10/03/01	Not Sampled							
	01/28/02	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
04/10/02	Not Sampled due to the Presence of Phase-Separated Hydrocarbons								

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	Total TPH
MW-2 (cont.)	07/02/02	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	10/08/02	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	01/29/03	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/02/03	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	07/08/03	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	12/18/03	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	05/06/04	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	07/23/04	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	09/30/04	0.638	0.065	0.379	0.841	1.92	20.5	70.7	91.2
MW-3	12/17/04	0.482	0.022	0.442	0.779	1.72			
	02/16/93	2.500	0.010	0.370	0.640	3.520			
	10/17/95	2.000	ND	0.120	0.120	2.240			
	10/02/96	1.900	ND	0.320	ND	2.220			
	04/10/97	1.000	ND	0.290	ND	1.290			
	10/09/97	1.500	ND	0.280	0.028	1.808			
	05/05/98	1.200	ND	0.130	0.012	1.342			
	04/15/99	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/28/00	2.800	ND	0.190	ND	2.990			
	04/10/02	1.470	0.006	0.341	0.399	2.220			
	01/29/03	NS	NS	NS	NS	NS			
	04/02/03	1.540	ND	0.213	0.0815	1.835			
	07/08/03	Not Sampled							
	12/18/03	0.959	ND	0.039	0.0072	1.01			
	05/06/04	0.803	<0.001	0.132	0.047	0.982	2.71	7.51	10.22
	07/23/04	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	09/30/04	1.45	0.003	0.176	0.0761	1.71	3.41	<0.5	3.41
	12/17/04	<0.001	<0.001	<0.001	<0.003	<0.006			
MW-4	02/16/93	ND	ND	ND	ND	ND			
	10/17/95	ND	ND	ND	ND	ND			
	02/07/96	ND	ND	ND	ND	ND	ND	ND	ND
	04/03/96	ND	ND	ND	ND	ND			
	07/18/96	ND	ND	ND	ND	ND			
	10/02/96	ND	ND	ND	ND	ND			
	01/22/97	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/97	ND	ND	ND	ND	ND			
	07/16/97	ND	ND	ND	ND	ND			
	10/09/97	ND	ND	ND	ND	ND			
	01/22/98	ND	ND	ND	ND	ND	ND	ND	ND
	05/05/98	ND	ND	ND	ND	ND			
	07/08/98	ND	ND	ND	ND	ND			
	10/02/98	ND	ND	ND	ND	ND			
	01/14/99	ND	ND	ND	ND	ND	ND	ND	ND
	04/15/99	ND	ND	ND	ND	ND			
	07/13/99	ND	ND	ND	ND	ND			
	10/13/99	ND	ND	ND	ND	ND			
	01/13/00	ND	ND	ND	ND	ND	ND	ND	ND
	04/29/00	ND	ND	ND	ND	ND			
	07/12/00	ND	ND	ND	ND	ND			
	10/03/00	ND	ND	ND	ND	ND			
	01/03/01	ND	ND	ND	ND	ND	ND	ND	ND
	04/05/01	0.006	ND	ND	ND	0.006			

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	Total TPH
MW-4 (cont.)	07/10/01	ND	ND	ND	ND	ND			
	10/02/01	ND	ND	ND	ND	ND			
	01/28/02	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/02	ND	ND	ND	ND	ND			
	07/02/02	ND	ND	ND	ND	ND			
	10/08/02	ND	ND	ND	ND	ND			
	01/29/03	ND	ND	ND	ND	ND	ND	ND	ND
	04/02/03	ND	ND	ND	ND	ND			
	07/08/03	ND	ND	ND	ND	ND			
	12/18/03	ND	ND	ND	ND	ND			
	05/06/04	Not Sampled							
	07/23/04	<0.001	<0.001	<0.001	<0.003	<0.006	0.629	2.41	1.04
	09/30/04	Not Sampled							
	12/17/04	Not Sampled							
MW-5	02/16/93	ND	ND	0.002	0.004	0.006			
	10/17/95	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	02/07/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/03/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	07/18/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	10/02/96	0.002	ND	0.010	0.006	0.018			
	01/22/97	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/10/97	0.001	ND	0.012	0.005	0.018			
	07/16/97	0.001	ND	0.010	0.011	0.022			
	10/09/97	0.001	ND	0.006	0.001	0.008			
	01/22/98	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	05/05/98	0.002	ND	0.010	0.008	0.020			
	07/08/98	ND	ND	0.003	0.002	0.005			
	10/02/98	ND	ND	0.002	0.003	0.005			
	01/14/99	ND	ND	ND	ND	ND	ND	ND	ND
	04/15/99	ND	ND	0.007	0.004	0.011			
	07/13/99	ND	ND	0.010	0.015	0.025			
	10/13/99	ND	ND	0.005	0.002	0.007			
	01/13/00	ND	ND	0.002	ND	0.002	0.002	0.001	ND
	04/28/00	ND	ND	0.003	ND	0.003			
	07/12/00	ND	ND	ND	ND	ND			
	10/06/00	ND	ND	ND	ND	ND			
	01/03/01	ND	ND	ND	ND	ND	ND	ND	ND
	04/05/01	ND	ND	ND	ND	ND			
	07/10/01	ND	ND	ND	ND	ND			
	10/02/01	ND	ND	ND	ND	ND			
	01/28/02	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/02	ND	ND	ND	ND	ND			
	07/02/02	ND	ND	ND	ND	ND			
	10/08/02	ND	ND	ND	ND	ND			
	01/29/03	0.0067	ND	ND	ND	0.0067	ND	ND	ND
	04/02/03	ND	ND	ND	ND	ND			
	07/08/03	ND	ND	ND	0.0488	0.0488			
	12/18/03	ND	ND	ND	ND	ND			

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	Total TPH
MW-5 (cont.)	12/17/04	Not Sampled							
MW-6	02/16/93	0.002	0.001	ND	0.091	0.094			
	10/17/95	ND	0.002	0.021	0.021	0.044			
	02/07/96	ND	ND	0.002	0.009	0.011	ND	ND	ND
	04/03/96	ND	ND	0.004	0.004	0.008			
	07/18/96	ND	0.003	ND	ND	0.003			
	10/02/96	ND	ND	ND	ND	ND			
	01/22/97	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/97	ND	ND	ND	ND	ND			
	07/16/97	0.001	0.001	0.001	ND	0.003			
	10/09/97	ND	0.002	0.005	0.006	0.013			
	01/22/98	0.007	ND	ND	ND	0.007	0.004	0.002	0.006
	05/05/98	0.001	ND	0.001	0.010	0.012			
	07/08/98	ND	ND	ND	ND	ND			
	10/02/98	ND	ND	ND	ND	ND			
	01/14/99	ND	ND	ND	ND	ND	ND	ND	ND
	04/15/99	ND	ND	ND	ND	ND			
	07/13/99	ND	ND	0.008	0.005	0.013			
	10/13/99	ND	ND	0.004	0.006	0.010			
	01/13/00	ND	ND	0.002	ND	0.002	0.002	ND	ND
	04/28/00	ND	ND	0.002	ND	0.002			
	07/12/00	0.001	0.001	0.006	0.003	0.011			
	10/06/00	ND	ND	ND	ND	ND			
	01/03/01	ND	ND	ND	ND	ND	0.017	ND	ND
	04/04/01	0.007	ND	0.013	0.033	0.053			
	07/10/01	ND	ND	ND	ND	ND			
	10/02/01	ND	ND	ND	ND	ND			
	01/28/02	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/02	0.001	ND	0.003	0.003	0.008			
	07/02/02	ND	ND	ND	ND	ND			
	10/08/02	ND	ND	0.002	ND	0.002			
	01/29/03	ND	ND	ND	ND	ND	ND	ND	ND
	04/02/03	0.0014	ND	0.0012	0.0012	0.0038			
	07/08/03	ND	ND	0.0010	0.0040	0.0050			
	12/18/03	ND	ND	ND	ND	ND			
	05/06/04	Not Sampled							
	07/23/04	Not Sampled							
	09/30/04	Not Sampled							
	12/17/04	Not Sampled							
MW-7	02/16/93	ND	ND	ND	ND	ND			
	10/17/95	ND	ND	ND	ND	ND			
	02/07/96	ND	ND	ND	ND	ND	ND	ND	ND
	04/03/96	ND	ND	ND	ND	ND			
	07/18/96	ND	ND	ND	ND	ND			
	10/02/96	ND	ND	ND	ND	ND			
	01/22/97	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/97	ND	ND	ND	ND	ND			
	07/16/97	ND	ND	ND	ND	ND			
	10/09/97	ND	ND	ND	ND	ND			
	01/22/98	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	Total TPH
MW-7 (cont.)	05/05/98	ND	ND	ND	ND	ND			
	07/08/98	ND	ND	ND	ND	ND			
	10/02/98	ND	ND	ND	ND	ND			
	01/14/99	ND	ND	ND	ND	ND	ND	ND	ND
	04/15/99	ND	ND	ND	ND	ND			
	07/13/99	ND	ND	ND	ND	ND			
	10/13/99	ND	ND	ND	ND	ND			
	01/13/00	ND	ND	ND	ND	ND	ND	ND	ND
	04/29/00	ND	ND	ND	ND	ND			
	07/12/00	ND	ND	ND	0.006	0.006			
	10/06/00	ND	ND	ND	0.004	0.004			
	01/03/01	ND	ND	ND	ND	ND	ND	ND	ND
	04/05/01	0.006	0.012	0.013	0.034	0.065			
	07/10/01	ND	ND	ND	ND	ND			
	10/02/01	ND	ND	ND	ND	ND			
	01/28/02	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/02	ND	ND	ND	ND	ND			
	07/02/02	ND	ND	ND	ND	ND			
	10/08/02	ND	ND	ND	ND	ND			
	01/29/03	ND	ND	ND	ND	ND	ND	ND	ND
	04/02/03	ND	ND	ND	ND	ND			
	07/08/03	ND	ND	ND	ND	ND			
	12/18/03	ND	ND	ND	ND	ND			
	05/06/04	Not Sampled							
	07/23/04	Not Sampled							
	09/30/04	Not Sampled							
	12/17/04	Not Sampled							
MW-8	09/30/93	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	10/17/95	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	02/07/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/03/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	07/18/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	10/02/96	0.003	0.007	0.082	0.052	0.144			
	01/22/97	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/10/97	ND	0.001	0.054	0.016	0.071			
	05/05/98	ND	ND	0.002	0.004	0.006			
	04/15/99	0.002	ND	ND	0.001	0.003			
	04/28/00	ND	ND	ND	ND	ND			
	04/05/01	ND	ND	ND	ND	ND			
	04/10/02	ND	ND	ND	ND	ND			
	01/29/03	Not Sampled							
	04/02/03	ND	ND	ND	ND	ND			
	07/08/03	Not Sampled							
	12/18/03	ND	ND	ND	ND	ND			
	05/06/04	Not Sampled							
	07/23/04	Not Sampled							
	09/30/04	Not Sampled							
	12/17/04	Not Sampled							
MW-9	09/30/93	ND	ND	ND	ND	ND			
	10/17/95	ND	ND	ND	ND	ND			
	02/07/96	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	Total TPH
MW-9 (cont.)	04/03/96	ND	ND	ND	ND	ND			
	07/18/96	ND	ND	ND	0.003	0.003			
	10/02/96	ND	ND	ND	ND	ND			
	01/22/97	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/97	ND	ND	ND	ND	ND			
	07/16/97	ND	ND	ND	ND	ND			
	10/09/97	ND	ND	ND	ND	ND			
	01/22/98	ND	ND	ND	ND	ND	ND	ND	ND
	05/05/98	ND	ND	ND	ND	ND			
	07/08/98	ND	ND	ND	ND	ND			
	10/02/98	ND	ND	ND	ND	ND			
	01/14/99	ND	ND	ND	ND	ND	ND	ND	ND
	04/15/99	ND	ND	ND	ND	ND			
	07/13/99	ND	ND	ND	ND	ND			
	10/13/99	ND	ND	ND	ND	ND			
	01/13/00	0.002	0.002	ND	ND	0.004	ND	ND	ND
	04/28/00	0.008	0.003	ND	ND	0.011			
	07/12/00	ND	ND	ND	ND	ND			
	04/05/01	ND	ND	ND	ND	ND			
	07/10/01	ND	ND	ND	ND	ND			
	10/02/01	ND	ND	ND	ND	ND			
	01/28/02	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/02	ND	ND	ND	ND	ND			
	07/02/02	ND	ND	ND	ND	ND			
	10/08/02	ND	ND	ND	ND	ND			
	01/29/03	ND	ND	ND	ND	ND	ND	ND	ND
	04/02/03	ND	ND	ND	ND	ND			
	07/08/03	ND	ND	ND	ND	ND			
	12/18/03	ND	ND	ND	ND	ND			
	05/06/04	<0.001	<0.001	<0.001	<0.003	<0.006	<0.05	0.526	0.526
	07/23/04	Not Sampled							
	09/30/04	Not Sampled							
	12/17/04	Not Sampled							
MW-10	09/30/93	ND	ND	0.009	0.001	0.010			
	10/17/95	ND	0.003	ND	ND	0.003			
	02/07/96	ND	ND	ND	ND	ND	ND	ND	ND
	04/03/96	0.001	ND	ND	0.002	0.003			
	07/18/96	ND	0.002	ND	ND	0.002			
	10/02/96	ND	ND	ND	0.007	0.007			
	01/22/97	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/97	ND	0.001	ND	ND	0.001			
	07/16/97	0.002	ND	ND	0.005	0.007			
	10/09/97	ND	ND	ND	ND	ND			
	01/22/98	ND	ND	ND	ND	ND	ND	0.001	ND
	05/05/98	0.002	ND	ND	0.003	0.005			
	07/08/98	ND	ND	ND	ND	ND			
	10/02/98	ND	ND	ND	0.003	0.003			
	01/14/99	ND	ND	ND	ND	ND	ND	ND	ND
	04/15/99	0.001	ND	ND	0.009	0.010			
	07/13/99	ND	ND	ND	ND	ND			
	10/13/99	ND	ND	ND	ND	ND			
	01/13/00	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	Total TPH
MW-10 (cont.)	04/28/00	ND	ND	ND	ND	ND			
	07/12/00	ND	0.005	ND	0.020	0.025			
	10/06/00	ND	ND	ND	ND	ND			
	01/03/01	ND	ND	ND	ND	ND	ND	ND	ND
	04/05/01	ND	0.006	ND	ND	0.006			
	07/10/01	ND	ND	ND	ND	ND			
	10/02/01	0.010	ND	ND	ND	ND			
	01/28/02	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/02	ND	ND	ND	ND	ND			
	07/02/02	ND	ND	ND	ND	ND			
	10/08/02	ND	ND	ND	ND	ND			
	01/29/03	ND	ND	ND	ND	ND	ND	ND	ND
	04/02/03	ND	ND	ND	ND	ND			
	07/08/03	ND	ND	ND	ND	ND			
	12/18/03	ND	ND	ND	ND	ND			
	05/06/04	<0.001	<0.001	<0.001	<0.003	<0.006	<0.05	1.47	1.47
	07/23/04	Not Sampled							
	09/30/04	Not Sampled							
	12/17/04	Not Sampled							
MW-11	09/30/93	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	10/17/95	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	02/07/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/03/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	07/18/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	10/02/96	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	01/22/97	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/10/97	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	05/05/98	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/15/99	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/28/00	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/05/01	2.180	ND	0.596	0.268	3.04			
	04/10/02	2.890	0.193	0.968	0.538	4.59			
	07/02/02	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	10/08/02	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	01/29/03	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
	04/02/03	2.150	0.171	1.010	0.846	4.18			
	07/08/03	Not Sampled							
	12/18/03	Not Sampled							
	05/06/04	2.250	0.006	1.070	0.291	3.62	12.3	19.2	31.5
	07/23/04	Not Sampled due to the Presence of Phase-Separated Hydrocarbons							
MW-12	09/30/04	1.97	0.004	1.92	0.231	4.13	7.8	3.31	11.1
	12/17/04	1.75	0.004	0.714	0.168	2.63			
	02/10/95	0.590	0.009	0.043	0.067	0.709			
	07/19/95	0.580	0.130	0.076	0.032	0.818			
	10/17/95	1.400	0.440	0.300	0.163	2.303			
	10/02/96	0.680	0.180	0.280	0.100	1.240			
	04/10/97	0.840	0.250	0.230	0.075	1.395			
	10/09/97	0.780	0.230	0.100	0.047	1.157			
	05/05/98	0.930	0.370	0.390	0.130	1.820			
	04/15/99	0.770	0.070	0.280	0.058	1.178			
	04/28/00	0.240	0.019	0.120	0.011	0.390			

TABLE 2

GROUNDWATER ANALYTICAL RESULTS (BTEX & TPH)

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA STATION
LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	TPH as Gasoline	TPH as Diesel	Total TPH
MW-12 (cont.)	04/05/01	0.195	ND	0.022	ND	0.218			
	04/10/02	0.301	ND	0.164	ND	0.465			
	01/29/03	Not Sampled							
	04/02/03	0.290	ND	0.121	0.0037	0.4147			
	07/03/03	Not Sampled							
	12/18/03	Not Sampled							
	05/06/04	0.053	<0.001	0.068	<0.003	0.121	<0.05	1.21	1.21
	07/23/04	0.107	<0.001	0.044	0.0024	0.153	0.754	<0.5	0.754
	09/30/04	0.067	<0.001	0.067	<0.003	0.134	<0.5	<0.5	<1.0
	12/17/04	0.012	<0.001	0.009	<0.003	0.021			
MW-13	02/10/95	ND	ND	ND	ND	ND			
	07/19/95	ND	ND	ND	ND	ND			
	10/17/95	ND	ND	ND	ND	ND			
	10/02/96	ND	ND	ND	ND	ND			
	04/10/97	ND	ND	ND	ND	ND			
	10/09/97	ND	ND	ND	ND	ND			
	05/05/98	ND	ND	ND	ND	ND			
	04/15/99	ND	ND	ND	ND	ND			
	04/28/00	ND	ND	ND	ND	ND			
	04/05/01	0.009	ND	ND	ND	0.009			
	04/10/02	ND	ND	ND	ND	ND			
	01/29/03	Not Sampled							
	04/02/03	ND	ND	ND	ND	ND			
	07/08/03	Not Sampled							
	12/18/03	Not Sampled							
	05/06/04	<0.001	<0.001	<0.001	<0.003	<0.006	<0.05	0.698	0.698
	07/23/04	Not Sampled							
	09/30/04	Not Sampled							
	12/17/04	Not Sampled							
RW-1	01/29/03	Not Sampled							
	04/02/03	Not Sampled							
	07/08/03	Not Sampled							
	12/18/03	ND	ND	ND	ND	ND			
	05/06/04	Not Sampled							
	07/23/04	Not Sampled							
	09/30/04	Not Sampled							
	12/17/04	Not Sampled							
NMWQCC Groundwater Standards		0.01	0.75	0.75	0.62				

mg/L = milligrams per liter

ND = None Detected

If the cell is blank, then that analysis was not performed.

TABLE 3

CONCENTRATIONS OF SEMI-VOLATILES IN GROUNDWATER

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Acenaphthene (ug/L)	Acenaphthylene (ug/L)	Anthracene (ug/L)	Benzo(a)anthracene (ug/L)	Benzo(a)pyrene (ug/L)	Benzo(b)fluoranthene (ug/L)	Benzo(g,h,i)perylene (ug/L)	Benzo(j,k)fluoranthene (ug/L)	Chrysene (ug/L)	Dibenz(a,h)anthracene (ug/L)	Fluoranthene (ug/L)	Fluorene (ug/L)	Indenol(1,2,3-cd)pyrene (ug/L)	1-Methylnaphthene (ug/L)	2-Methylnaphthene (ug/L)	Naphthalene (ug/L)	Phenanthrene (ug/L)	Pyrene (ug/L)
MW-1	17-Dec-04	0.288	0.18	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.115	<0.05	0.061	1.14	<0.05	NA	NA	0.844	1.45	0.099
MW-2	17-Dec-04	7.77	<0.5	<0.5	<0.5	2	1.07	<0.5	0.028	6.03	<0.5	2.76	27.1	<0.5	NA	NA	118	43.9	3.56
MW-3	17-Dec-04	0.143	0.054	0.771	0.737	0.237	0.101	<0.05	0.094	0.613	<0.05	0.176	0.393	<0.05	NA	NA	8.102	0.757	0.172
MW-4	07-Feb-96					ND							ND		ND	ND	ND		
	22-Jan-97					ND							ND		ND	ND	ND		
	22-Jan-98					ND							ND		ND	ND	ND		
	14-Jan-99					ND							ND		ND	ND	ND		
	13-Jan-00					ND							ND		ND	ND	ND		
	03-Jan-01					ND							ND		ND	ND	ND		
	28-Jan-02					ND							ND		ND	ND	ND		
	29-Jan-03					ND							ND		ND	ND	ND		
	30-Sep-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	NA	NA	<0.05	<0.05	<0.05
MW-5	14-Jan-99					ND							ND		ND	ND	ND		
	13-Jan-00					ND							ND		2.0	1.0	ND		
	03-Jan-01					ND							ND		ND	ND	ND		
	28-Jan-02					ND							ND		ND	ND	ND		
	29-Jan-03					ND							ND		ND	ND	ND		
MW-6	07-Feb-96					ND							ND		ND	ND	ND		
	22-Jan-97					ND							ND		ND	ND	ND		
	22-Jan-98					ND							ND		4.0	2.0	6.0		
	14-Jan-99					ND							ND		ND	ND	ND		
	13-Jan-00					ND							ND		2.0	ND	ND		
	03-Jan-01					ND							ND		17.0	ND	ND		
	28-Jan-02					ND							ND		ND	ND	ND		
	29-Jan-03					ND							6.1		ND	ND	ND		
MW-7	07-Feb-96					ND							ND		ND	ND	ND		
	22-Jan-97					ND							ND		ND	ND	ND		
	22-Jan-98					ND							ND		ND	1.0	ND		
	14-Jan-99					ND							ND		ND	ND	ND		
	13-Jan-00					ND							ND		ND	ND	ND		
	03-Jan-01					ND							ND		ND	ND	ND		
	28-Jan-02					ND							ND		ND	ND	ND		

TABLE 3

CONCENTRATIONS OF SEMI-VOLATILES IN GROUNDWATER

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitor Well	Date Sampled	Acenaphthene (ug/L)	Acenaphthylene (ug/L)	Anthracene (ug/L)	Benzo(a)anthracene (ug/L)	Benzo(a)pyrene (ug/L)	Benzo(b)fluoranthene (ug/L)	Benzo(g,h,i)perylene (ug/L)	Benzo(j,k)fluoranthene (ug/L)	Chrysene (ug/L)	Dibenz(a,h)anthracene (ug/L)	Fluoranthene (ug/L)	Fluorene (ug/L)	Indenol(1,2,3-cd)pyrene (ug/L)	1-Methylnaphthlene (ug/L)	2-Methylnaphthlene (ug/L)	Naphthalene (ug/L)	Phenanthrene (ug/L)	Pyrene (ug/L)
MW-7 (cont.)	29-Jan-03					ND							ND		ND	ND	ND		
MW-9	07-Feb-96					ND							ND		ND	ND	ND		
	22-Jan-97					ND							ND		ND	ND	ND		
	22-Jan-98					ND							ND		ND	ND	ND		
	14-Jan-99					ND							ND		ND	ND	ND		
	13-Jan-00					ND							ND		ND	ND	ND		
	03-Jan-01					ND							ND		ND	ND	ND		
	28-Jan-02					ND							ND		ND	ND	ND		
	29-Jan-03					ND							ND		ND	ND	ND		
	23-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	NA	NA	<0.05	<0.05	<0.05
MW-10	07-Feb-96					ND							ND			ND	ND		
	22-Jan-97					ND							ND			ND	ND		
	22-Jan-98					ND							ND			1.0	ND		
	14-Jan-99					ND							ND			ND	ND		
	13-Jan-00					ND							ND			ND	ND		
	03-Jan-01					ND							ND			ND	ND		
	28-Jan-02					ND							ND			ND	ND		
	29-Jan-03					ND							ND			ND	ND		
	30-Sep-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	NA	NA	<0.05	<0.05	<0.05
MW-11	17-Dec-04	0.254	0.251	<0.05	<0.05	0.106	0.051	<0.05	<0.05	0.28	<0.05	0.121	1.89	<0.05	NA	NA	3.44	2.32	0.182
MW - 12	23-Jul-04	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.378	<0.05	NA	NA	<0.05	0.09	<0.05
MW - 13	23-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	NA	NA	<0.05	<0.05	<0.05
New Mexico Water Quality Commission Groundwater Standards						0.7									30				

ND = Not Detected

NA = Not Analyzed

TABLE 4

SUMMARY OF GROUNDWATER SAMPLING RECOMMENDATIONS

PLAINS ALL AMERICAN PIPELINE, L.P.

LEA STATION

LEA COUNTY, NEW MEXICO

Monitoring Well	Eight Quarters Below NMOCD Standards	Sampling Schedule				Notes
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	
RW-1						Recommend Sealing Well
RW-2						Recommend Sealing Well
MW-1	No	X	X	X	X	Recommend Annual PAH analysis
MW-2	No	X	X	X	X	Recommend Annual PAH analysis
MW-3	No	X	X	X	X	Recommend Annual PAH analysis
MW-4	Yes			X		
MW-5	Yes					Recommend Sealing Well
MW-6	Yes					Recommend Sealing Well
MW-7	Yes			X		
MW-8	Yes			X		
MW-9	Yes			X		
MW-10	Yes			X		
MW-11	No	X	X	X	X	Recommend Annual PAH analysis
MW-12	No	X	X	X	X	Recommend Annual PAH analysis
MW-13	Yes			X		

APPENDIX

APPENDIX A

LABORATORY ANALYTICAL RESULTS

AND

CHAIN-OF-CUSTODY FORM

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#: 155630 **Report Date:** 05/28/04
Project ID: 2003-00339
Sample Name: LELS05604MW1
Sample Matrix: water
Date Received: 05/12/2004 **Time:** 10:30
Date Sampled: 05/06/2004 **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
TPH by GC (as diesel)	14.7	mg/L	0.5	0.72	05/25/04	8015 mod.	---	9	84.4	84.4	91.8
TPH by GC (as diesel-ext)	---	---	---	---	05/20/04	3510	---	---	---	---	---
TPH by GC (as gasoline)	1.05	mg/L	0.5	<0.5	05/25/04	8015 mod.	---	3.7	98.3	104.7	107.9
Volatile organics-8260b/BTEX	---	---	---	---	05/19/04	8260b(5030/5035)	---	---	---	---	---
Benzene	263	µg/L	10	<10	05/18/04	8260b	---	2.1	96.4	96.4	96.4
Ethylbenzene	50.1	µg/L	1	<1	05/19/04	8260b	---	1.2	111.1	111.9	122.2
m,p-Xylenes	12.2	µg/L	2	<2	05/19/04	8260b	---	0.2	114.8	112.5	123.6
o-Xylene	<1	µg/L	1	<1	05/19/04	8260b	J	0.4	115.4	113.8	127.2
Toluene	<1	µg/L	1	<1	05/19/04	8260b	---	2.3	121.2	102.1	128.7

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. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

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.

Client: Environmental Plus, Inc.	Project ID: 2003-00339	Report#/Lab ID#: 155630
Attn: Iain Olness	Sample Name: LELS05604MW1	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	78.4	42-122	---
p-Terphenyl	8015 mod.	131	39-125	X
1,2-Dichloroethane-d4	8260b	102	74-124	---
Toluene-d8	8260b	98.6	89-115	---

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

Report #/Lab ID#: 155630 **Matrix:** water

Client: Environmental Plus, Inc.

Attn: Iain Olness

Project ID: 2003-00339

Sample Name: LELS05604MW1

Sample Temperature/Condition: <=6°C

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

Sample Bottles & Preservation:

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

J flag Discussion:

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
o-Xylene	J	See J-flag discussion above.
p-Terphenyl	X	Surrogate recovery outside advisory/acceptance limits. Typically, for samples with TPH/1005 hits, high recoveries are due to co-elution of hydrocarbons from the sample at the same retention time as the surrogate
p-Terphenyl	X	

Notes:

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

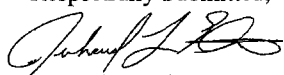
Report#/Lab ID#: 155631 **Report Date:** 05/28/04
Project ID: 2003-00339
Sample Name: LELS05604MW3
Sample Matrix: water
Date Received: 05/12/2004 **Time:** 10:30
Date Sampled: 05/06/2004 **Time:** 10:15

REPORT OF ANALYSIS
QUALITY ASSURANCE DATA ¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	7.51	mg/L	0.5	0.72	05/25/04	8015 mod.	---	9	84.4	84.4	91.8
TPH by GC (as diesel-ext)	---	---	---	---	05/20/04	3510	---	---	---	---	---
TPH by GC (as gasoline)	2.71	mg/L	0.5	<0.5	05/25/04	8015 mod.	J	3.7	98.3	104.7	107.9
Volatile organics-8260b/BTEX	---	---	---	---	05/19/04	8260b(5030/5035)	---	---	---	---	---
Benzene	803	µg/L	10	<10	05/18/04	8260b	---	2.1	96.4	96.4	96.4
Ethylbenzene	132	µg/L	1	<1	05/19/04	8260b	---	1.2	111.1	111.9	122.2
m,p-Xylenes	43.6	µg/L	2	<2	05/19/04	8260b	---	0.2	114.8	112.5	123.6
o-Xylene	3.3	µg/L	1	<1	05/19/04	8260b	---	0.4	115.4	113.8	127.2
Toluene	<1	µg/L	1	<1	05/19/04	8260b	---	2.3	121.2	102.1	128.7

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Respectfully Submitted,


 Richard Elton

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Client: Environmental Plus, Inc.	Project ID: 2003-00339	Report#/Lab ID#: 155631
Attn: Iain Olness	Sample Name: LELS05604MW3	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1-Chlorooctane	8015 mod.	98.9	42-122	---
p-Terphenyl	8015 mod.	129	39-125	X
1,2-Dichloroethane-d4	8260b	102	74-124	---
Toluene-d8	8260b	105	89-115	---

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

Attn: Iain Olness

Sample Temperature/Condition: $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. 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
TPH by GC (as gasoline)	J	See J-flag discussion above.
p-Terphenyl	X	Surrogate recovery outside advisory/acceptance limits. Typically, for samples with TPH/1005 hits, high recoveries are due to co-elution of
p-Terphenyl	X	hydrocarbons from the sample at the same retention time as the surrogate

Notes:

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#: 155632 **Report Date:** 05/28/04
Project ID: 2003-00339
Sample Name: LELS05604MW9
Sample Matrix: water
Date Received: 05/12/2004 **Time:** 10:30
Date Sampled: 05/06/2004 **Time:** 10:45

REPORT OF ANALYSIS
QUALITY ASSURANCE DATA ¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	0.526	mg/L	0.5	0.72	05/25/04	8015 mod.	---	9	84.4	84.4	91.8
TPH by GC (as diesel-ext)	---	---	---	---	05/20/04	3510	---	---	---	---	---
TPH by GC (as gasoline)	<0.5	mg/L	0.5	<0.5	05/25/04	8015 mod.	---	3.7	98.3	104.7	107.9
Volatile organics-8260b/BTEX	---	---	---	---	05/19/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/19/04	8260b	---	0.8	101.9	96.6	109.4
Ethylbenzene	<1	µg/L	1	<1	05/19/04	8260b	---	1.2	111.1	111.9	122.2
m,p-Xylenes	<2	µg/L	2	<2	05/19/04	8260b	---	0.2	114.8	112.5	123.6
o-Xylene	<1	µg/L	1	<1	05/19/04	8260b	---	0.4	115.4	113.8	127.2
Toluene	<1	µg/L	1	<1	05/19/04	8260b	---	2.3	121.2	102.1	128.7

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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.

Client: Environmental Plus, Inc.	Project ID: 2003-00339	Report#/Lab ID#: 155632
Attn: Iain Olness	Sample Name: LELS05604MW9	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1-Chlorooctane	8015 mod.	80.6	42-122	---
p-Terphenyl	8015 mod.	103	39-125	---
1,2-Dichloroethane-d4	8260b	100	74-124	---
Toluene-d8	8260b	104	89-115	---

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

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#: 155633 **Report Date:** 05/28/04
Project ID: 2003-00339
Sample Name: LELS05604MW10
Sample Matrix: water
Date Received: 05/12/2004 **Time:** 10:30
Date Sampled: 05/06/2004 **Time:** 11:15

REPORT OF ANALYSIS
QUALITY ASSURANCE DATA ¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	1.47	mg/L	0.5	0.72	05/25/04	8015 mod.	---	9	84.4	84.4	91.8
TPH by GC (as diesel-ext)	---	---	---	---	05/20/04	3510	---	---	---	---	---
TPH by GC (as gasoline)	<0.5	mg/L	0.5	<0.5	05/25/04	8015 mod.	---	3.7	98.3	104.7	107.9
Volatile organics-8260b/BTEX	---	---	---	---	05/20/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/20/04	8260b	---	2	103.2	96.1	101.4
Ethylbenzene	<1	µg/L	1	<1	05/20/04	8260b	---	1.5	114.9	111.2	107.9
m,p-Xylenes	<2	µg/L	2	<2	05/20/04	8260b	---	3	117.5	110.9	109.2
o-Xylene	<1	µg/L	1	<1	05/20/04	8260b	---	3.1	119.6	112.8	111.1
Toluene	<1	µg/L	1	<1	05/20/04	8260b	---	0	106.7	111.7	112.7

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Respectfully Submitted,


 Richard Elton

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Client: Environmental Plus, Inc.	Project ID: 2003-00339	Report#/Lab ID#: 155633
Attn: Iain Olness	Sample Name: LELS05604MW10	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1-Chlorooctane	8015 mod.	89	42-122	---
p-Terphenyl	8015 mod.	108	39-125	---
1,2-Dichloroethane-d4	8260b	100	74-124	---
Toluene-d8	8260b	98.9	89-115	---

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

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#: 155634 **Report Date:** 05/28/04
Project ID: 2003-00339
Sample Name: LELS05604MW11
Sample Matrix: water
Date Received: 05/12/2004 **Time:** 10:30
Date Sampled: 05/06/2004 **Time:** 11:50

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
TPH by GC (as diesel)	19.2	mg/L	0.5	0.72	05/25/04	8015 mod.	---	9	84.4	84.4	91.8
TPH by GC (as diesel-ext)	---	---	---	---	05/20/04	3510	---	---	---	---	---
TPH by GC (as gasoline)	12.3	mg/L	0.5	<0.5	05/25/04	8015 mod.	---	3.7	98.3	104.7	107.9
Volatile organics-8260b/BTEX	---	---	---	---	05/20/04	8260b(5030/5035)	---	---	---	---	---
Benzene	2250	µg/L	10	<10	05/18/04	8260b	---	2.1	96.4	96.4	96.4
Ethylbenzene	1070	µg/L	10	<10	05/18/04	8260b	---	0.8	119.4	119.5	116.8
m,p-Xylenes	286	µg/L	10	<10	05/20/04	8260b	---	0.2	114.8	112.5	123.6
o-Xylene	5.28	µg/L	5	<5	05/20/04	8260b	---	0.4	115.4	113.8	127.2
Toluene	5.73	µg/L	5	<5	05/20/04	8260b	---	2.3	121.2	102.1	128.7

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Respectfully Submitted,


Richard Elton

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Client: Environmental Plus, Inc.	Project ID: 2003-00339	Report#/Lab ID#: 155634
Attn: Iain Olness	Sample Name: LELS05604MW11	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1-Chlorooctane	8015 mod.	109	42-122	---
p-Terphenyl	8015 mod.	148	39-125	X
1,2-Dichloroethane-d4	8260b	109	74-124	---
Toluene-d8	8260b	100	89-115	---

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

Report #/Lab ID#: 155634 **Matrix:** water

Client: Environmental Plus, Inc.

Attn: Iain Olness

Project ID: 2003-00339

Sample Name: LELS05604MW11

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
p-Terphenyl	X	Surrogate recovery outside advisory/acceptance limits. Typically, for samples with TPH/1005 hits, high recoveries are due to co-elution of
p-Terphenyl	X	hydrocarbons from the sample at the same retention time as the surrogate

Notes:

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

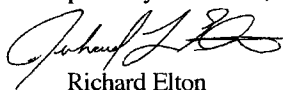
Report#/Lab ID#: 155635 **Report Date:** 05/28/04
Project ID: 2003-00339
Sample Name: LELS05604MW12
Sample Matrix: water
Date Received: 05/12/2004 **Time:** 10:30
Date Sampled: 05/06/2004 **Time:** 12:30

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
TPH by GC (as diesel)	1.21	mg/L	0.5	0.72	05/25/04	8015 mod.	---	9	84.4	84.4	91.8
TPH by GC (as diesel-ext)	---	---	---	---	05/20/04	3510	---	---	---	---	---
TPH by GC (as gasoline)	<0.5	mg/L	0.5	<0.5	05/25/04	8015 mod.	---	3.7	98.3	104.7	107.9
Volatile organics-8260b/BTEX	---	---	---	---	05/19/04	8260b(5030/5035)	---	---	---	---	---
Benzene	52.8	µg/L	1	<1	05/19/04	8260b	---	0.8	101.9	96.6	109.4
Ethylbenzene	67.7	µg/L	1	<1	05/19/04	8260b	---	1.2	111.1	111.9	122.2
m,p-Xylenes	<2	µg/L	2	<2	05/19/04	8260b	---	0.2	114.8	112.5	123.6
o-Xylene	<1	µg/L	1	<1	05/19/04	8260b	---	0.4	115.4	113.8	127.2
Toluene	<1	µg/L	1	<1	05/19/04	8260b	---	2.3	121.2	102.1	128.7

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Respectfully Submitted,



 Richard Elton

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Client: Environmental Plus, Inc. Attn: Iain Olness	Project ID: 2003-00339 Sample Name: LELS05604MW12	Report#/Lab ID#: 155635 Sample Matrix: water
---	--	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1-Chlorooctane	8015 mod.	78.1	42-122	---
p-Terphenyl	8015 mod.	100	39-125	---
1,2-Dichloroethane-d4	8260b	103	74-124	---
Toluene-d8	8260b	97.8	89-115	---

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

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#: 155636 **Report Date:** 05/28/04
Project ID: 2003-00339
Sample Name: LELS05604MW13
Sample Matrix: water
Date Received: 05/12/2004 **Time:** 10:30
Date Sampled: 05/06/2004 **Time:** 13:20

REPORT OF ANALYSIS

							QUALITY ASSURANCE DATA ¹				
Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	0.698	mg/L	0.5	0.72	05/25/04	8015 mod.	---	9	84.4	84.4	91.8
TPH by GC (as diesel-ext)	---	---	---	---	05/20/04	3510	---	---	---	---	---
TPH by GC (as gasoline)	<0.5	mg/L	0.5	<0.5	05/25/04	8015 mod.	---	3.7	98.3	104.7	107.9
Volatile organics-8260b/BTEX	---	---	---	---	05/17/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/17/04	8260b	---	2.1	96.4	96.4	96.4
Ethylbenzene	<1	µg/L	1	<1	05/17/04	8260b	---	0.8	119.4	119.5	116.8
m,p-Xylenes	<2	µg/L	2	<2	05/17/04	8260b	---	0.2	122	117.8	117.3
o-Xylene	<1	µg/L	1	<1	05/17/04	8260b	---	0.4	121.1	118	117.3
Toluene	<1	µg/L	1	<1	05/17/04	8260b	---	1.7	93.5	96.7	90.9

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. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,


 Richard Elton

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Client: Environmental Plus, Inc.	Project ID: 2003-00339	Report#/Lab ID#: 155636
Attn: Iain Olness	Sample Name: LELS05604MW13	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	79.6	42-122	---
p-Terphenyl	8015 mod.	94.1	39-125	---
1,2-Dichloroethane-d4	8260b	102	74-124	---
Toluene-d8	8260b	112	89-115	---

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


AnalySys Inc.

4221 Freidrich Lane, Suite 190, Austin, TX 78744
512-444-5896 FAX: 512-447-4766

2209 N. Padre Island Dr., Corpus Christi, TX 78408

Chain of Custody Form



Company Name		Environmental Plus, Inc.		Bill To										ANALYSIS REQUEST																		
EPI Project Manager		Iain Olness		 <p>Attn: Jimmy Bryant PO Box 1660, Midland, TX 79701</p>																												
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		Lea Station																														
Project Reference		2003-00339																														
EPI Sampler Name		Sergio Prieto																														
LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.		SAMPLING		BTEX 8021B	TPH 8015M	CHLORIDES (Cl ⁻)	SULFATES (SO ₄ ²⁻)	pH	TCLP	OTHER >>>	PAH - <i>insp</i>										
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME																		
155630	1 LELS05604MW1	G	2	X							X	X		6-May	10:00	X	X							X								
155631	2 LELS05604MW3	G	2	X							X	X		6-May	10:15	X	X							X								
155632	3 LELS05604MW9	G	2	X							X	X		6-May	10:45	X	X															
155633	4 LELS05604MW10	G	2	X							X	X		6-May	11:15	X	X															
155634	5 LELS05604MW11	G	2	X							X	X		6-May	11:50	X	X							X								
155635	6 LELS05604MW12	G	2	X							X	X		6-May	12:30	X	X							X								
155636	7 LELS05604MW13	G	2	X							X	X		6-May	1:20	X	X															
8																																
9																																
10																																

Sampler Relinquished:	Date	Received By:	E-mail results to: iolness@hotmail.com and enviplus1@aol.com REMARKS:
<i>Sergio Prieto</i>	Time		
Relinquished by:	Date <i>5/12/04</i>	Received By: (lab staff)	
	Time <i>1030</i>	<i>L. Flynn / AS</i>	
Delivered by:	Sample Cool & Intact Yes No		Checked By:

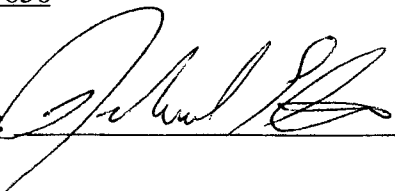
Sample Analysis Case Narrative

Client: Environmental Plus Project ID: 2003-00339

Attn: Iain Olness

for Sample #'s: 155630 thru 155636

Analyzed by AnalySys, Inc.

Final Review Date: 6/2/2004 By:  (R. Elton)

Case Narrative:

The recovery of the surrogate p-Terphenyl was above normal laboratory acceptance criteria for sample #'s 155630, 155631 and 155634. This elevated recovery was due to the surrogate co-eluting with sample peaks in the >C12-C28 carbon range.

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#: 157882 **Report Date:** 08/23/04
Project ID: 2003-00339
Sample Name: LELS072304MW4
Sample Matrix: water
Date Received: 07/27/2004 **Time:** 11:05
Date Sampled: 07/23/2004 **Time:** 07:20

REPORT OF ANALYSIS
QUALITY ASSURANCE DATA ¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	2.41	mg/L	0.5	<0.5	07/28/04	8015 mod.	---	11.2	80.1	86.6	79.3
TPH by GC (as diesel-ext)	---	---	---	---	07/28/04	3510	---	---	---	---	---
TPH by GC (as gasoline)	0.629	mg/L	0.5	<0.5	07/28/04	8015 mod.	---	17.8	112.8	102.4	91.4
Volatile organics-8260b/BTEX	---	---	---	---	07/31/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/31/04	8260b	J	3.4	85.3	102.5	97.8
Ethylbenzene	<1	µg/L	1	<1	07/31/04	8260b	---	4.3	90	109.3	104
m,p-Xylenes	<2	µg/L	2	<2	07/31/04	8260b	---	1.9	112	108.9	106.1
o-Xylene	<1	µg/L	1	<1	07/31/04	8260b	---	4.7	110.9	111.3	109.2
Toluene	<1	µg/L	1	<1	07/31/04	8260b	---	6.2	108.1	114.9	107.6

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

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.

Client: Environmental Plus, Inc. Attn: Iain Olness	Project ID: 2003-00339 Sample Name: LELS072304MW4	Report#/Lab ID#: 157882 Sample Matrix: water
---	--	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	94.4	42-122	---
p-Terphenyl	8015 mod.	85	39-125	---
1,2-Dichloroethane-d4	8260b	79.2	74-124	---
Toluene-d8	8260b	109	89-115	---

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

Report #/Lab ID#: 157882 Matrix: water

Client: Environmental Plus, Inc.

Attn: Iain Olness

Project ID: 2003-00339

Sample Name: LELS072304MW4

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:

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#: 157883 **Report Date:** 08/23/04
Project ID: 2003-00339
Sample Name: LELS072304MW12
Sample Matrix: water
Date Received: 07/27/2004 **Time:** 11:05
Date Sampled: 07/23/2004 **Time:** 08:51

REPORT OF ANALYSIS
QUALITY ASSURANCE DATA ¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
A/BN Extraction-PAH	---	---	---	---	07/29/04	3520	---	---	---	---	---
TPH by GC (as diesel)	<0.5	mg/L	0.5	<0.5	07/28/04	8015 mod.	---	11.2	80.1	86.6	79.3
TPH by GC (as diesel-ext)	---	---	---	---	07/28/04	3510	---	---	---	---	---
TPH by GC (as gasoline)	0.754	mg/L	0.5	<0.5	07/28/04	8015 mod.	---	17.8	112.8	102.4	91.4
Extractable organics-PAH	---	---	---	---	08/12/04	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---	---	---	---	07/30/04	8260b(5030/5035)	---	---	---	---	---
Benzene	107	µg/L	1	<1	07/30/04	8260b	---	3.4	85.3	102.5	97.8
Ethylbenzene	43.9	µg/L	1	<1	07/30/04	8260b	---	4.3	90	109.3	104
m,p-Xylenes	2.39	µg/L	2	<2	07/30/04	8260b	---	1.9	112	108.9	106.1
o-Xylene	<1	µg/L	1	<1	07/30/04	8260b	---	4.7	110.9	111.3	109.2
Toluene	<1	µg/L	1	<1	07/30/04	8260b	---	6.2	108.1	114.9	107.6
Acenaphthene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	5.5	37.4	88.1	43.9
Acenaphthylene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	0.8	39.3	104.5	47.6
Anthracene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	8.2	50.6	101.9	57.1
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	6.5	41.7	91.6	56.2
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	17.8	28.9	98.6	59.4
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	7.7	27.9	82.1	45.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	1.8	37.4	110.2	62.1
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	3.6	38.4	108.4	63.4
Chrysene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	6.8	47.1	110.6	63
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	1.8	36.2	108.7	61.2

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Respectfully Submitted,



Dale Wagner

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Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339
Sample Name: LELS072304MW12

Report#/Lab ID#: 157883
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
Fluoranthene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	0.4	55.7	107.7	60.3
Fluorene	0.378	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	14.1	43.8	83.6	46.3
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	5.3	35.4	109.6	61.1
Naphthalene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	2.9	32.5	95	41.4
Phenanthrene	0.09	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	4.7	45.1	83.7	46.6
Pyrene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	1.1	55.2	100	58.3

Client: Environmental Plus, Inc. Attn: Iain Olness	Project ID: 2003-00339 Sample Name: LELS072304MW12	Report#/Lab ID#: 157883 Sample Matrix: water
---	---	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
2-Fluorobiphenyl	610 & 8270c	40	39-110	---
Nitrobenzene-d5	610 & 8270c	65.6	12-110	---
Terphenyl-d14	610 & 8270c	71.1	25-110	---
1-Chlorooctane	8015 mod.	99.7	42-122	---
p-Terphenyl	8015 mod.	87	39-125	---
1,2-Dichloroethane-d4	8260b	97.4	74-124	---
Toluene-d8	8260b	102	89-115	---

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

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#: 157884 **Report Date:** 08/23/04
Project ID: 2003-00339
Sample Name: LELS072304MW9
Sample Matrix: water
Date Received: 07/27/2004 **Time:** 11:05
Date Sampled: 07/23/2004 **Time:** 07:50

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	---	---	---	---	07/29/04	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	08/12/04	610 & 8270c	---	---	---	---	---
Acenaphthene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	5.5	37.4	88.1	43.9
Acenaphthylene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	0.8	39.3	104.5	47.6
Anthracene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	8.2	50.6	101.9	57.1
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	6.5	41.7	91.6	56.2
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	17.8	28.9	98.6	59.4
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	7.7	27.9	82.1	45.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	1.8	37.4	110.2	62.1
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	3.6	38.4	108.4	63.4
Chrysene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	6.8	47.1	110.6	63
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	1.8	36.2	108.7	61.2
Fluoranthene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	0.4	55.7	107.7	60.3
Fluorene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	14.1	43.8	83.6	46.3
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	5.3	35.4	109.6	61.1
Naphthalene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	2.9	32.5	95	41.4
Phenanthrene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	4.7	45.1	83.7	46.6
Pyrene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	1.1	55.2	100	58.3

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Respectfully Submitted,


 Dale Wagner

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Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339
Sample Name: LELS072304MW9

Report#/Lab ID#: 157884
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
2-Fluorobiphenyl	610 & 8270c	48.8	39-110	---
Nitrobenzene-d5	610 & 8270c	73.6	12-110	---
Terphenyl-d14	610 & 8270c	69.6	25-110	---

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

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#: 157885 **Report Date:** 08/23/04
Project ID: 2003-00339
Sample Name: LELS072304MW10
Sample Matrix: water
Date Received: 07/27/2004 **Time:** 11:05
Date Sampled: 07/23/2004 **Time:** 08:10

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	---	---	---	---	07/29/04	3520	---	---	---	---	---

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Dale Wagner

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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#: 157886 **Report Date:** 08/23/04
Project ID: 2003-00339
Sample Name: LELS072304MW13
Sample Matrix: water
Date Received: 07/27/2004 **Time:** 11:05
Date Sampled: 07/23/2004 **Time:** 10:35

REPORT OF ANALYSIS
QUALITY ASSURANCE DATA ¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
A/BN Extraction-PAH	---	---	---	---	07/29/04	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	08/12/04	610 & 8270c	---	---	---	---	---
Acenaphthene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	5.5	37.4	88.1	43.9
Acenaphthylene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	0.8	39.3	104.5	47.6
Anthracene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	8.2	50.6	101.9	57.1
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	6.5	41.7	91.6	56.2
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	17.8	28.9	98.6	59.4
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	7.7	27.9	82.1	45.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	1.8	37.4	110.2	62.1
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	3.6	38.4	108.4	63.4
Chrysene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	6.8	47.1	110.6	63
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	1.8	36.2	108.7	61.2
Fluoranthene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	0.4	55.7	107.7	60.3
Fluorene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	14.1	43.8	83.6	46.3
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	5.3	35.4	109.6	61.1
Naphthalene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	2.9	32.5	95	41.4
Phenanthrene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	4.7	45.1	83.7	46.6
Pyrene	<0.05	µg/L	0.05	<0.05	08/12/04	610 & 8270c	---	1.1	55.2	100	58.3

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Respectfully Submitted,



Dale Wagner

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Client: Environmental Plus, Inc. Attn: Iain Olness	Project ID: 2003-00339 Sample Name: LELS072304MW13	Report#/Lab ID#: 157886 Sample Matrix: water
---	---	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
2-Fluorobiphenyl	610 & 8270c	42.3	39-110	---
Nitrobenzene-d5	610 & 8270c	83	12-110	---
Terphenyl-d14	610 & 8270c	43.7	25-110	---


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

AnalySys Inc.

4221 Freidrich Lane, Suite 190, Austin, TX 78744
512-444-5896 FAX: 512-447-4766

Chain of Custody Form

2209 N. Padre Island Dr., Corpus Christi, TX 78408

Company Name		Environmental Plus, Inc.		Bill To										ANALYSIS REQUEST													
EPI Project Manager		Iain Olness		 PLAINS <small>ALL AMERICAN PIPELINE, L.P.</small> Attn: Jimmy Bryant PO Box 1660, Midland, TX 79701																							
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		Lea Station																									
Project Reference		2003-00339																									
EPI Sampler Name		Manuel Gonzales																									
LAB I.D.	SAMPLE I.D.	(GIRAB OR (COMP. # CONTAINERS	GROUND WATER	MATRIX					PRESERV.			SAMPLING		BTX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES (SO ₄)	pH	TCLP	OTHER >>>	PAH						
				WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME														
157882	1 LELS072304MW4	G 5	X						X	X		23-Jul	7:20	X	X						X						
157883	2 LELS072304MW12	G 5	X						X	X		23-Jul	8:51	X	X						X						
157884	3 LELS072304MW9	G 2	X						X	X		23-Jul	7:50								X						
157885	4 LELS072304MW10	G 2	X						X	X		23-Jul	8:10								X						
157886	5 LELS072304MW13	G 2	X						X	X		23-Jul	10:35								X						
6																											
7																											
8																											
9																											
10																											

Sampler Relinquished:		Date: 7/26/04	Received By:	E-mail results to: iolness@hotmail.com and enviplus1@aol.com REMARKS:	
Relinquished by: <i>Iain Olness</i>		Time: 7:00			
Date: 7/27/04		Received By: (lab staff)			
Time: 11:05		<i>Jimmy Bryant</i>	1A51	T.S.Y.C	
Delivered by:		Sample Cool & Intact Yes No	Checked By:		

Sample Analysis Case Narrative

Client: Environmental Plus Project ID: 2003-00339

Attn: Ian Olness

for Sample #'s: 157882-157886

Analyzed by AnalySys, Inc.

Final Review Date: 8/23/2004

Case Narrative:

We were unable to perform PAH analysis on LELS072304MW4 and LELS072304MW10. The initial analysis had a QC issues and there was insufficient sample volume to perform the analysis again.

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#: 160282 **Report Date:** 10/15/04
Project ID: 2003-00339
Sample Name: LELS093004MW1
Sample Matrix: water
Date Received: 10/06/2004 **Time:** 13:30
Date Sampled: 09/30/2004 **Time:** 09:28

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
TPH by GC (as diesel)	1.39	mg/L	0.5	<0.5	10/08/04	8015 mod.	---	5.5	85.4	101.6	92.6
TPH by GC (as diesel-ext)	---	---	---	---	10/07/04	3510	---	---	---	---	---
TPH by GC (as gasoline)	<0.5	mg/L	0.5	<0.5	10/08/04	8015 mod.	---	5.9	83	91.7	86.4
Volatile organics-8260b/BTEX	---	---	---	---	10/08/04	8260b(5030/5035)	---	---	---	---	---
Benzene	122	µg/L	1	<1	10/08/04	8260b	---	4.5	91.2	92.1	92.6
Ethylbenzene	17.5	µg/L	1	<1	10/08/04	8260b	---	0.1	84.9	104.5	102
m,p-Xylenes	8.89	µg/L	2	<2	10/08/04	8260b	---	0.4	105.8	103.7	101.2
o-Xylene	<1	µg/L	1	<1	10/08/04	8260b	---	0.6	107.7	105.4	106.7
Toluene	<1	µg/L	1	<1	10/08/04	8260b	---	3	106.9	106.9	111.2

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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.

Client: Environmental Plus, Inc. Attn: Iain Olness	Project ID: 2003-00339 Sample Name: LELS093004MW1	Report#/Lab ID#: 160282 Sample Matrix: water
---	--	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	112	30-133	---
p-Terphenyl	8015 mod.	123	41-150	---
1,2-Dichloroethane-d4	8260b	104	74-124	---
Toluene-d8	8260b	99.2	89-115	---

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

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#: 160283 **Report Date:** 10/15/04
Project ID: 2003-00339
Sample Name: LELS093004MW2
Sample Matrix: water
Date Received: 10/06/2004 **Time:** 13:30
Date Sampled: 09/30/2004 **Time:** 13:58

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
TPH by GC (as diesel)	70.7	mg/L	0.5	<0.5	10/08/04	8015 mod.	---	5.5	85.4	101.6	92.6
TPH by GC (as diesel-ext)	---	---	---	---	10/07/04	3510	---	---	---	---	---
TPH by GC (as gasoline)	20.5	mg/L	0.5	<0.5	10/08/04	8015 mod.	---	5.9	83	91.7	86.4
Volatile organics-8260b/BTEX	---	---	---	---	10/08/04	8260b(5030/5035)	---	---	---	---	---
Benzene	638	µg/L	5	<5	10/08/04	8260b	---	4.5	91.2	92.1	92.6
Ethylbenzene	379	µg/L	5	<5	10/08/04	8260b	---	0.1	84.9	104.5	102
m,p-Xylenes	760	µg/L	10	<10	10/08/04	8260b	---	0.4	105.8	103.7	101.2
o-Xylene	81.2	µg/L	5	<5	10/08/04	8260b	---	0.6	107.7	105.4	106.7
Toluene	65.3	µg/L	5	<5	10/08/04	8260b	---	3	106.9	106.9	111.2

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. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,



Dale Wagner

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Client: Environmental Plus, Inc.	Project ID: 2003-00339	Report#/Lab ID#: 160283
Attn: Iain Olness	Sample Name: LELS093004MW2	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	132	30-133	---
p-Terphenyl	8015 mod.	207	41-150	X
1,2-Dichloroethane-d4	8260b	114	74-124	---
Toluene-d8	8260b	96.9	89-115	---

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

Report #/Lab ID#: 160283 Matrix: water

Client: Environmental Plus, Inc. Attn: Iain Olness

Project ID: 2003-00339

Sample Name: LELS093004MW2

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
p-Terphenyl	X	Surrogate recovery outside advisory/acceptance limits. Typically, for samples with TPH/1005 hits, high recoveries are due to co-elution of
p-Terphenyl	X	hydrocarbons from the sample at the same retention time as the surrogate

Notes:

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#: 160284 **Report Date:** 10/15/04
Project ID: 2003-00339
Sample Name: LELS093004MW3
Sample Matrix: water
Date Received: 10/06/2004 **Time:** 13:30
Date Sampled: 09/30/2004 **Time:** 10:26

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
TPH by GC (as diesel)	<0.5	mg/L	0.5	<0.5	10/08/04	8015 mod.	---	5.5	85.4	101.6	92.6
TPH by GC (as diesel-ext)	---	---	---	---	10/07/04	3510	---	---	---	---	---
TPH by GC (as gasoline)	3.41	mg/L	0.5	<0.5	10/08/04	8015 mod.	---	5.9	83	91.7	86.4
Volatile organics-8260b/BTEX	---	---	---	---	10/08/04	8260b(5030/5035)	---	---	---	---	---
Benzene	1450	µg/L	10	<10	10/07/04	8260b	---	4.5	91.2	92.1	92.6
Ethylbenzene	176	µg/L	2	<2	10/08/04	8260b	---	0.1	84.9	104.5	102
m,p-Xylenes	67	µg/L	4	<4	10/08/04	8260b	---	0.4	105.8	103.7	101.2
o-Xylene	9.1	µg/L	2	<2	10/08/04	8260b	---	0.6	107.7	105.4	106.7
Toluene	3.39	µg/L	2	<2	10/08/04	8260b	---	3	106.9	106.9	111.2

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Respectfully Submitted,



Dale Wagner

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Client: Environmental Plus, Inc.	Project ID: 2003-00339	Report#/Lab ID#: 160284
Attn: Iain Olness	Sample Name: LELS093004MW3	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	113	30-133	---
p-Terphenyl	8015 mod.	120	41-150	---
1,2-Dichloroethane-d4	8260b	102	74-124	---
Toluene-d8	8260b	99.4	89-115	---

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

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#: 160285 **Report Date:** 10/15/04
Project ID: 2003-00339
Sample Name: LELS093004MW11
Sample Matrix: water
Date Received: 10/06/2004 **Time:** 13:30
Date Sampled: 09/30/2004 **Time:** 11:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA ¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	3.31	mg/L	0.5	<0.5	10/08/04	8015 mod.	---	5.5	85.4	101.6	92.6
TPH by GC (as diesel-ext)	---	---	---	---	10/07/04	3510	---	---	---	---	---
TPH by GC (as gasoline)	7.81	mg/L	0.5	<0.5	10/08/04	8015 mod.	---	5.9	83	91.7	86.4
Volatile organics-8260b/BTEX	---	---	---	---	10/08/04	8260b(5030/5035)	---	---	---	---	---
Benzene	1970	µg/L	100	<100	10/07/04	8260b	---	4.5	91.2	92.1	92.6
Ethylbenzene	1920	µg/L	100	<100	10/07/04	8260b	---	0.1	84.9	104.5	102
m,p-Xylenes	228	µg/L	4	<4	10/08/04	8260b	---	0.4	105.8	103.7	101.2
o-Xylene	2.95	µg/L	2	<2	10/08/04	8260b	---	0.6	107.7	105.4	106.7
Toluene	4.31	µg/L	2	<2	10/08/04	8260b	---	3	106.9	106.9	111.2

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Respectfully Submitted,



Dale Wagner

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Client: Environmental Plus, Inc.	Project ID: 2003-00339	Report#/Lab ID#: 160285
Attn: Iain Olness	Sample Name: LELS093004MW11	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	119	30-133	---
p-Terphenyl	8015 mod.	126	41-150	---
1,2-Dichloroethane-d4	8260b	105	74-124	---
Toluene-d8	8260b	99.7	89-115	---

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

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#: 160286 **Report Date:** 10/15/04
Project ID: 2003-00339
Sample Name: LELS093004MW12
Sample Matrix: water
Date Received: 10/06/2004 **Time:** 13:30
Date Sampled: 09/30/2004 **Time:** 09:48

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
TPH by GC (as diesel)	<0.5	mg/L	0.5	<0.5	10/08/04	8015 mod.	---	5.5	85.4	101.6	92.6
TPH by GC (as diesel-ext)	---	---	---	---	10/07/04	3510	---	---	---	---	---
TPH by GC (as gasoline)	<0.5	mg/L	0.5	<0.5	10/08/04	8015 mod.	---	5.9	83	91.7	86.4
Volatile organics-8260b/BTEX	---	---	---	---	10/07/04	8260b(5030/5035)	---	---	---	---	---
Benzene	66.6	µg/L	1	<1	10/07/04	8260b	---	4.5	91.2	92.1	92.6
Ethylbenzene	67.1	µg/L	1	<1	10/07/04	8260b	---	0.1	84.9	104.5	102
m,p-Xylenes	<2	µg/L	2	<2	10/07/04	8260b	J	0.4	105.8	103.7	101.2
o-Xylene	<1	µg/L	1	<1	10/07/04	8260b	---	0.6	107.7	105.4	106.7
Toluene	<1	µg/L	1	<1	10/07/04	8260b	---	3	106.9	106.9	111.2

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. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,



Dale Wagner

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Client: Environmental Plus, Inc.	Project ID: 2003-00339	Report#/Lab ID#: 160286
Attn: Iain Olness	Sample Name: LELS093004MW12	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	94.6	30-133	---
p-Terphenyl	8015 mod.	97.9	41-150	---
1,2-Dichloroethane-d4	8260b	106	74-124	---
Toluene-d8	8260b	99.9	89-115	---

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

Report #/Lab ID#: 160286 Matrix: water

Client: Environmental Plus, Inc. Attn: Iain Olness

Project ID: 2003-00339

Sample Name: LELS093004MW12

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:

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#: 160287 **Report Date:** 10/15/04
Project ID: 2003-00339
Sample Name: LELS093004MW4
Sample Matrix: water
Date Received: 10/06/2004 **Time:** 13:30
Date Sampled: 09/30/2004 **Time:** 08:10

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	---	---	---	---	10/07/04	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	10/13/04	610 & 8270c	---	---	---	---	---
Acenaphthene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	0.9	37.8	96.3	44.5
Acenaphthylene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	2	39.7	98	44.9
Anthracene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	3	42	95	45.6
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	0.6	40	101.3	51.9
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	2	30.7	99.9	50.3
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	2.7	32.2	103.3	54.2
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	1.4	27.4	97.2	51.8
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	1.3	30.2	100.4	49.8
Chrysene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	1.6	36.8	97.8	47.7
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	0.6	27.8	99.5	49
Fluoranthene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	0.8	45	92.8	48.7
Fluorene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	2.2	37.8	95	44.9
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	1.7	27.6	98.4	49.4
Naphthalene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	1.9	37.6	81.2	36.8
Phenanthrene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	1.4	46.8	96.1	51.1
Pyrene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	1.1	48.8	99	50.1

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Respectfully Submitted,



Dale Wagner

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Client: Environmental Plus, Inc. Attn: Iain Olness	Project ID: 2003-00339 Sample Name: LELS093004MW4	Report#/Lab ID#: 160287 Sample Matrix: water
---	--	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
2-Fluorobiphenyl	610 & 8270c	36.2	30-110	---
Nitrobenzene-d5	610 & 8270c	35.8	12-110	---
Terphenyl-d14	610 & 8270c	32.7	25-110	---

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

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#: 160288 **Report Date:** 10/15/04
Project ID: 2003-00339
Sample Name: LELS093004MW10
Sample Matrix: water
Date Received: 10/06/2004 **Time:** 13:30
Date Sampled: 09/30/2004 **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
A/BN Extraction-PAH	---	---	---	---	10/07/04	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	10/13/04	610 & 8270c	---	---	---	---	---
Acenaphthene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	0.9	37.8	96.3	44.5
Acenaphthylene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	2	39.7	98	44.9
Anthracene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	3	42	95	45.6
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	0.6	40	101.3	51.9
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	2	30.7	99.9	50.3
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	2.7	32.2	103.3	54.2
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	1.4	27.4	97.2	51.8
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	1.3	30.2	100.4	49.8
Chrysene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	1.6	36.8	97.8	47.7
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	0.6	27.8	99.5	49
Fluoranthene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	0.8	45	92.8	48.7
Fluorene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	2.2	37.8	95	44.9
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	1.7	27.6	98.4	49.4
Naphthalene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	1.9	37.6	81.2	36.8
Phenanthrene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	1.4	46.8	96.1	51.1
Pyrene	<0.05	µg/L	0.05	<0.05	10/13/04	610 & 8270c	---	1.1	48.8	99	50.1

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. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

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.

Client: Environmental Plus, Inc.	Project ID: 2003-00339	Report#/Lab ID#: 160288
Attn: Iain Olness	Sample Name: LELS093004MW10	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
2-Fluorobiphenyl	610 & 8270c	32.3	30-110	---
Nitrobenzene-d5	610 & 8270c	34.8	12-110	---
Terphenyl-d14	610 & 8270c	23.6	25-110	X


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

AnalySys Inc.

4221 Freidrich Lane, Suite 190, Austin, TX 78744
512-444-5896 FAX: 512-447-4766

2209 N. Padre Island Dr., Corpus Christi, TX 78408

Chain of Custody Form

Company Name		Environmental Plus, Inc.		Bill To				ANALYSIS REQUEST																								
EPI Project Manager		Iain Olness		 PLAINS <small>ALL AMERICAN PIPELINE L.P.</small> Attn: Camille Reynolds PO Box 1660, Midland, TX 79701																												
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		Lea Station																														
Project Reference		2003-00339																														
EPI Sampler Name		Manuel Gonzales																														
LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.			SAMPLING		BTX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES (SO ₄ ²⁻)	pH	TCLP	OTHER >>>	PAH										
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME																		
160282	1 LELS093004MW1	G	4	X						X	X		30-Sep	9:28	X	X																
160283	2 LELS093004MW2	G	4	X						X	X		30-Sep	13:58	X	X																
160284	3 LELS093004MW3	G	4	X						X	X		30-Sep	10:26	X	X																
160285	4 LELS093004MW11	G	4	X						X	X		30-Sep	11:15	X	X																
160286	5 LELS093004MW12	G	4	X						X	X		30-Sep	9:48	X	X																
160287	6 LELS093004MW4	G	2	X						X	X		30-Sep	8:10											X							
160288	7 LELS093004MW10	G	2	X						X	X		30-Sep	9:00											X							
8																																
9																																
10																																

Sampler Relinquished:	Date: 10/5/04 Time: 1630	Received By:	E-mail results to: iolness@hotmail.com and enviplus1@aol.com REMARKS:
Relinquished by:	Date: 10/6/04 Time: 1330	Received By: (lab staff)	
Delivered by:	Sample Cool & Intact Yes No	Checked By:	

T: 4.4°C

Sample Analysis Case Narrative

Client: Environmental Plus, Inc. Project ID: 2003-00339

Attn: Iain Olness

for Sample #'s: 160282 thru 160288

Analyzed by AnalySys, Inc.

Final Review Date: 10/19/2004 By:  (D. Wagner)

Case Narrative:

Recovery of the surrogate Terphenyl-d14 for sample # 160288 was slightly below normal laboratory acceptance criteria (23.6% versus a normal low limit of 25%). This sample was re-analyzed, including all sample preps, with similar surrogate results. This is indicative of potential matrix interference (MI) for this surrogate in this sample.

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#: 162967 **Report Date:** 01/17/05
Project ID: 2003-00339 Lea Station
Sample Name: PAALS121704MW-1
Sample Matrix: water
Date Received: 12/22/2004 **Time:** 10:20
Date Sampled: 12/17/2004 **Time:** 09:58

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	---	---	---	---	12/23/04	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	01/06/05	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---	---	---	---	12/29/04	8260b(5030/5035)	---	---	---	---	---
Benzene	97.2	µg/L	1	<1	12/29/04	8260b	---	3.3	101.5	98	100.6
Ethylbenzene	10.8	µg/L	1	<1	12/29/04	8260b	---	2.4	105.8	106.8	102.7
m,p-Xylenes	11.5	µg/L	2	<2	12/29/04	8260b	---	3	105.6	106.9	101.8
o-Xylene	<1	µg/L	1	<1	12/29/04	8260b	---	7.1	101	102.3	98.5
Toluene	<1	µg/L	1	<1	12/29/04	8260b	---	11.2	114.2	102.8	108.4
Acenaphthene	0.288	µg/L	0.05	<0.05	01/06/05	610 & 8270c	P	34	34.9	89.6	44.9
Acenaphthylene	0.18	µg/L	0.05	<0.05	01/06/05	610 & 8270c	S,M,P	50.2	81.9	89.9	48.8
Anthracene	<0.05	µg/L	0.05	<0.05	01/06/05	610 & 8270c	S,M,P	32.6	17.4	91.2	47.9
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	01/06/05	610 & 8270c	---	10.3	18.6	82.6	52
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	01/06/05	610 & 8270c	S,M,P	116.6	11.9	82.8	47
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	01/06/05	610 & 8270c	---	14	11.7	88.8	46.8
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	01/06/05	610 & 8270c	S,M	8.4	7.9	104.4	53.1
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	01/06/05	610 & 8270c	P	65	5.8	91	49.2
Chrysene	0.115	µg/L	0.05	<0.05	01/06/05	610 & 8270c	---	2.3	19.1	87.9	39.1
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	01/06/05	610 & 8270c	S,M	14.8	3.2	88.1	34.6
Fluoranthene	0.061	µg/L	0.05	<0.05	01/06/05	610 & 8270c	S,M	25	18.3	88.7	50
Fluorene	1.14	µg/L	0.05	<0.05	01/06/05	610 & 8270c	---	26.1	27.6	88.8	46.2
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	01/06/05	610 & 8270c	S,M	3.9	4.3	88.1	45.6

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Respectfully Submitted,



Dale Wagner

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Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339 Lea Station
Sample Name: PAALS121704MW-1

Report#/Lab ID#: 162967
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	0.844	µg/L	0.05	<0.05	01/06/05	610 & 8270c	---	15.9	34.4	92.6	45.4
Phenanthrene	1.45	µg/L	0.05	<0.05	01/06/05	610 & 8270c	P	48.3	48.6	90.7	43.6
Pyrene	0.099	µg/L	0.05	<0.05	01/06/05	610 & 8270c	---	19.6	20.8	85.9	46.8

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339 Lea Station
Sample Name: PAALS121704MW-1

Report#/Lab ID#: 162967
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
2-Fluorobiphenyl	610 & 8270c	35.9	30-110	---
Nitrobenzene-d5	610 & 8270c	62.5	12-110	---
Terphenyl-d14	610 & 8270c	25.2	25-110	---
1,2-Dichloroethane-d4	8260b	94.5	74-124	---
Toluene-d8	8260b	109	89-115	---

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

Exceptions Report.

Report #/Lab ID#: 162967 Matrix: water Client: Environmental Plus, Inc. Project ID: 2003-00339 Lea Station Sample Name: PAALS121704MW-1	Attn: Iain Olness
---	--------------------------

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.
Acenaphthylene	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.
Anthracene 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.
Anthracene	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.
Benzo[a]pyrene Benzo[a]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.
Benzo[a]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.
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.
Benzo[j,k]fluoranthene Benzo[j,k]fluoranthene	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.
Dibenz[a,h]anthracene	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.
Fluoranthene	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.
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.
Phenanthrene Phenanthrene	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:

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#: 162968 **Report Date:** 01/17/05
Project ID: 2003-00339 Lea Station
Sample Name: PAALS121704MW-2
Sample Matrix: water
Date Received: 12/22/2004 **Time:** 10:20
Date Sampled: 12/17/2004 **Time:** 09:36

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	---	---	---	---	12/23/04	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	01/06/05	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---	---	---	---	12/29/04	8260b(5030/5035)	---	---	---	---	---
Benzene	482	µg/L	10	<10	12/29/04	8260b	---	3.3	101.5	98	100.6
Ethylbenzene	442	µg/L	10	<10	12/29/04	8260b	---	2.4	105.8	106.8	102.7
m,p-Xylenes	709	µg/L	20	<20	12/29/04	8260b	---	3	105.6	106.9	101.8
o-Xylene	69.7	µg/L	10	<10	12/29/04	8260b	---	7.1	101	102.3	98.5
Toluene	22.2	µg/L	10	<10	12/29/04	8260b	---	11.2	114.2	102.8	108.4
Acenaphthene	7.77	µg/L	0.5	<0.5	01/06/05	610 & 8270c	P	34	34.9	89.6	44.9
Acenaphthylene	<0.5	µg/L	0.5	<0.5	01/06/05	610 & 8270c	S,M,P	50.2	81.9	89.9	48.8
Anthracene	<0.5	µg/L	0.5	<0.5	01/06/05	610 & 8270c	S,M,P	32.6	17.4	91.2	47.9
Benzo[a]anthracene	<0.5	µg/L	0.5	<0.5	01/06/05	610 & 8270c	---	10.3	18.6	82.6	52
Benzo[a]pyrene	2	µg/L	0.5	<0.5	01/06/05	610 & 8270c	S,M,P	116.6	11.9	82.8	47
Benzo[b]fluoranthene	1.07	µg/L	0.5	<0.5	01/06/05	610 & 8270c	---	14	11.7	88.8	46.8
Benzo[g,h,i]perylene	<0.5	µg/L	0.5	<0.5	01/06/05	610 & 8270c	J,S,M	8.4	7.9	104.4	53.1
Benzo[j,k]fluoranthene	0.928	µg/L	0.5	<0.5	01/06/05	610 & 8270c	P	65	5.8	91	49.2
Chrysene	6.03	µg/L	0.5	<0.5	01/06/05	610 & 8270c	---	2.3	19.1	87.9	39.1
Dibenz[a,h]anthracene	<0.5	µg/L	0.5	<0.5	01/06/05	610 & 8270c	S,M	14.8	3.2	88.1	34.6
Fluoranthene	2.76	µg/L	0.5	<0.5	01/06/05	610 & 8270c	S,M	25	18.3	88.7	50
Fluorene	27.1	µg/L	0.5	<0.5	01/06/05	610 & 8270c	---	26.1	27.6	88.8	46.2
Indeno[1,2,3-cd]pyrene	<0.5	µg/L	0.5	<0.5	01/06/05	610 & 8270c	S,M	3.9	4.3	88.1	45.6

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

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.

Client: Environmental Plus, Inc.
 Attn: Iain Olness

 Project ID: 2003-00339 Lea Station
 Sample Name: PAALS121704MW-2

 Report#/Lab ID#: 162968
 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	118	µg/L	5	<5	01/06/05	610 & 8270c	---	15.9	34.4	92.6	45.4
Phenanthrene	43.9	µg/L	0.5	<0.5	01/06/05	610 & 8270c	P	48.3	48.6	90.7	43.6
Pyrene	3.56	µg/L	0.5	<0.5	01/06/05	610 & 8270c	---	19.6	20.8	85.9	46.8

Client: Environmental Plus, Inc.	Project ID: 2003-00339 Lea Station	Report#/Lab ID#: 162968
Attn: Iain Olness	Sample Name: PAALS121704MW-2	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
2-Fluorobiphenyl	610 & 8270c	none/diluted	diluted @ 10X	D
Nitrobenzene-d5	610 & 8270c	none/diluted	diluted @ 10X	D
Terphenyl-d14	610 & 8270c	none/diluted	diluted @ 10X	D
1,2-Dichloroethane-d4	8260b	111	74-124	---
Toluene-d8	8260b	110	89-115	---

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

Exceptions Report.

Report #/Lab ID#: 162968 Matrix: water Client: Environmental Plus, Inc. Project ID: 2003-00339 Lea Station Sample Name: PAALS121704MW-2	Attn: Iain Olness
---	--------------------------

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.
Acenaphthylene	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.
Anthracene 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.
Anthracene	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.
Benzo[a]pyrene Benzo[a]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.
Benzo[a]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.
Benzo[g,h,i]perylene Benzo[g,h,i]perylene	S,M J	MS and/or MSD recoveries outside target recov. limits. LCS recovery in-limits; indicative of potential matrix interference as evidenced by M-flag. See J-flag discussion above.
Benzo[j,k]fluoranthene Benzo[j,k]fluoranthene	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.
Dibenz[a,h]anthracene	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.
Fluoranthene	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.
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.
Phenanthrene Phenanthrene	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.
2-Fluorobiphenyl 2-Fluorobiphenyl	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Nitrobenzene-d5 Nitrobenzene-d5	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Terphenyl-d14 Terphenyl-d14	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

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#: 162969 **Report Date:** 01/17/05
Project ID: 2003-00339 Lea Station
Sample Name: PAALS121704MW-3
Sample Matrix: water
Date Received: 12/22/2004 **Time:** 10:20
Date Sampled: 12/17/2004 **Time:** 10:14

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	---	---	---	---	12/23/04	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	01/15/05	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---	---	---	---	12/28/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/28/04	8260b	J	2.6	102	103.8	105
Ethylbenzene	<1	µg/L	1	<1	12/28/04	8260b	---	0	103.7	108.3	105.9
m,p-Xylenes	<2	µg/L	2	<2	12/28/04	8260b	---	0	103.6	107.7	105.1
o-Xylene	<1	µg/L	1	<1	12/28/04	8260b	---	0.6	108.3	102.1	110.4
Toluene	<1	µg/L	1	<1	12/28/04	8260b	---	2.2	107.3	116.1	115.5
Acenaphthene	0.143	µg/L	0.05	<0.05	01/15/05	610 & 8270c	P	34	34.9	89.6	44.9
Acenaphthylene	0.054	µg/L	0.05	<0.05	01/15/05	610 & 8270c	S,M,P	50.2	81.9	89.9	48.8
Anthracene	0.771	µg/L	0.05	<0.05	01/15/05	610 & 8270c	S,M,P	32.6	17.4	91.2	47.9
Benzo[a]anthracene	0.737	µg/L	0.05	<0.05	01/15/05	610 & 8270c	---	10.3	18.6	82.6	52
Benzo[a]pyrene	0.237	µg/L	0.05	<0.05	01/15/05	610 & 8270c	S,M,P	116.6	11.9	82.8	47
Benzo[b]fluoranthene	0.101	µg/L	0.05	<0.05	01/15/05	610 & 8270c	---	14	11.7	88.8	46.8
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	01/15/05	610 & 8270c	J,S,M	8.4	7.9	104.4	53.1
Benzo[j,k]fluoranthene	0.094	µg/L	0.05	<0.05	01/15/05	610 & 8270c	P	65	5.8	91	49.2
Chrysene	0.613	µg/L	0.05	<0.05	01/15/05	610 & 8270c	---	2.3	19.1	87.9	39.1
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	01/15/05	610 & 8270c	J,S,M	14.8	3.2	88.1	34.6
Fluoranthene	0.176	µg/L	0.05	<0.05	01/15/05	610 & 8270c	S,M	25	18.3	88.7	50
Fluorene	0.393	µg/L	0.05	<0.05	01/15/05	610 & 8270c	---	26.1	27.6	88.8	46.2
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	01/15/05	610 & 8270c	J,S,M	3.9	4.3	88.1	45.6

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,



Dale Wagner

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Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339 Lea Station
Sample Name: PAALS121704MW-3

Report#/Lab ID#: 162969
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	0.102	µg/L	0.05	<0.05	01/15/05	610 & 8270c	---	15.9	34.4	92.6	45.4
Phenanthrene	0.757	µg/L	0.05	<0.05	01/15/05	610 & 8270c	P	48.3	48.6	90.7	43.6
Pyrene	0.172	µg/L	0.05	<0.05	01/15/05	610 & 8270c	---	19.6	20.8	85.9	46.8

Client: Environmental Plus, Inc.	Project ID: 2003-00339 Lea Station	Report#/Lab ID#: 162969
Attn: Iain Olness	Sample Name: PAALS121704MW-3	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
2-Fluorobiphenyl	610 & 8270c	59	30-110	---
Nitrobenzene-d5	610 & 8270c	62.5	12-110	---
Terphenyl-d14	610 & 8270c	45	25-110	---
1,2-Dichloroethane-d4	8260b	99	74-124	---
Toluene-d8	8260b	111	89-115	---

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

EXCEPTIONS REPORT.

Report #/Lab ID#: 162969 Matrix: water

Client: Environmental Plus, Inc.

Attn: Iain Olness

Project ID: 2003-00339 Lea Station

Sample Name: PAALS121704MW-3

Sample Temperature/Condition: $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. 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.
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.
Acenaphthylene	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.
Anthracene 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.
Anthracene	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.
Benzo[a]pyrene Benzo[a]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.
Benzo[a]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.
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.
Benzo[g,h,i]perylene	J	See J-flag discussion above.
Benzo[j,k]fluoranthene Benzo[j,k]fluoranthene	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.
Dibenz[a,h]anthracene	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	J	See J-flag discussion above.
Fluoranthene	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.
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.
Indeno[1,2,3-cd]pyrene	J	See J-flag discussion above.
Phenanthrene Phenanthrene	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:

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#: 162970 **Report Date:** 01/17/05
Project ID: 2003-00339 Lea Station
Sample Name: PAALS121704MW-11
Sample Matrix: water
Date Received: 12/22/2004 **Time:** 10:20
Date Sampled: 12/17/2004 **Time:** 08:43

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	---	---	---	---	12/23/04	3520	---	---	---	---	---
Extractable organics-PAH	---	---	---	---	01/07/05	610 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---	---	---	---	12/30/04	8260b(5030/5035)	---	---	---	---	---
Benzene	1750	µg/L	10	<10	12/29/04	8260b	---	3.3	101.5	98	100.6
Ethylbenzene	714	µg/L	10	<10	12/29/04	8260b	---	2.4	105.8	106.8	102.7
m,p-Xylenes	162	µg/L	2	<2	12/30/04	8260b	---	3	105.6	106.9	101.8
o-Xylene	1.23	µg/L	1	<1	12/30/04	8260b	---	7.1	101	102.3	98.5
Toluene	4.13	µg/L	1	<1	12/30/04	8260b	---	11.2	114.2	102.8	108.4
Acenaphthene	0.254	µg/L	0.05	<0.05	01/07/05	610 & 8270c	P	34	34.9	89.6	44.9
Acenaphthylene	0.251	µg/L	0.05	<0.05	01/07/05	610 & 8270c	S,M,P	50.2	81.9	89.9	48.8
Anthracene	<0.05	µg/L	0.05	<0.05	01/07/05	610 & 8270c	S,M,P	32.6	17.4	91.2	47.9
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	01/07/05	610 & 8270c	---	10.3	18.6	82.6	52
Benzo[a]pyrene	0.106	µg/L	0.05	<0.05	01/07/05	610 & 8270c	S,M,P	116.6	11.9	82.8	47
Benzo[b]fluoranthene	0.051	µg/L	0.05	<0.05	01/07/05	610 & 8270c	---	14	11.7	88.8	46.8
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	01/07/05	610 & 8270c	S,M	8.4	7.9	104.4	53.1
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	01/07/05	610 & 8270c	J,P	65	5.8	91	49.2
Chrysene	0.28	µg/L	0.05	<0.05	01/07/05	610 & 8270c	---	2.3	19.1	87.9	39.1
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	01/07/05	610 & 8270c	S,M	14.8	3.2	88.1	34.6
Fluoranthene	0.121	µg/L	0.05	<0.05	01/07/05	610 & 8270c	S,M	25	18.3	88.7	50
Fluorene	1.89	µg/L	0.05	<0.05	01/07/05	610 & 8270c	---	26.1	27.6	88.8	46.2
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	01/07/05	610 & 8270c	S,M	3.9	4.3	88.1	45.6

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

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.

Client: Environmental Plus, Inc.
Attn: Iain Olness

Project ID: 2003-00339 Lea Station
Sample Name: PAALS121704MW-11

Report#/Lab ID#: 162970
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	3.44	µg/L	0.05	<0.05	01/07/05	610 & 8270c	---	15.9	34.4	92.6	45.4
Phenanthrene	2.32	µg/L	0.05	<0.05	01/07/05	610 & 8270c	P	48.3	48.6	90.7	43.6
Pyrene	0.182	µg/L	0.05	<0.05	01/07/05	610 & 8270c	---	19.6	20.8	85.9	46.8

Client: Environmental Plus, Inc. Attn: Iain Olness	Project ID: 2003-00339 Lea Station Sample Name: PAALS121704MW-11	Report#/Lab ID#: 162970 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	33.4	12-110	---
Terphenyl-d14	610 & 8270c	27.1	25-110	---
1,2-Dichloroethane-d4	8260b	106	74-124	---
Toluene-d8	8260b	108	89-115	---

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

Exceptions Report:

Report #/Lab ID#: 162970	Matrix: water
Client: Environmental Plus, Inc.	Attn: Iain Olness
Project ID: 2003-00339	Lea Station
Sample Name: PAALS121704MW-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.
Acenaphthylene	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.
Anthracene 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.
Anthracene	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.
Benzo[a]pyrene Benzo[a]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.
Benzo[a]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.
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.
Benzo[j,k]fluoranthene Benzo[j,k]fluoranthene	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[j,k]fluoranthene	J	See J-flag discussion above.
Dibenz[a,h]anthracene	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.
Fluoranthene	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.
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.
Phenanthrene Phenanthrene	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:

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#: 162971 **Report Date:** 01/17/05
Project ID: 2003-00339 Lea Station
Sample Name: PAALS121704MW-12
Sample Matrix: water
Date Received: 12/22/2004 **Time:** 10:20
Date Sampled: 12/17/2004 **Time:** 09:20

REPORT OF ANALYSIS
QUALITY ASSURANCE DATA ¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/28/04	8260b(5030/5035)	---	---	---	---	---
Benzene	11.9	µg/L	1	<1	12/28/04	8260b	---	2.6	102	103.8	105
Ethylbenzene	9.21	µg/L	1	<1	12/28/04	8260b	---	0	103.7	108.3	105.9
m,p-Xylenes	<2	µg/L	2	<2	12/28/04	8260b	---	0	103.6	107.7	105.1
o-Xylene	<1	µg/L	1	<1	12/28/04	8260b	---	0.6	108.3	102.1	110.4
Toluene	<1	µg/L	1	<1	12/28/04	8260b	---	2.2	107.3	116.1	115.5

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. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

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.

Client: Environmental Plus, Inc.	Project ID: 2003-00339 Lea Station	Report#/Lab ID#: 162971
Attn: Iain Olness	Sample Name: PAALS121704MW-12	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	111	74-124	---
Toluene-d8	8260b	107	89-115	---


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

AnalSys Inc.

4221 Freidrich Lane, Suite 190, Austin, TX 78744
512-444-5896 FAX: 512-447-4766

2209 N. Padre Island Dr., Corpus Christi, TX 78408

Chain of Custody Form

Company Name		Environmental Plus, Inc.		Bill To										ANALYSIS REQUEST														
EPI Project Manager		Iain Olness		 <p>PLAINS ALL AMERICAN PIPELINE, L.P.</p> <p>Attn: ENV Accounts Receivable PO Box 4648, Houston, TX 77210-4648</p>																								
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		Lea Station																										
Project Reference		2003-00339																										
EPI Sampler Name		Manuel Gonzales																										
LAB I.D.	SAMPLE I.D.	(GRAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.			SAMPLING		BTEX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES (SO ₄)	pH	TCLP	OTHER >>>	PAH							
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE													TIME		
162967	1 PAALS121704MW-1	G	4	X						X	X		17-Dec	9:58	X							X						
162968	2 PAALS121704MW-2	G	4	X						X	X		17-Dec	9:36	X							X						
162969	3 PAALS121704MW-3	G	4	X						X	X		17-Dec	10:14	X							X						
162970	4 PAALS121704MW-11	G	4	X						X	X		17-Dec	8:43	X							X						
162971	5 PAALS121704MW-12	G	3	X						X	X		17-Dec	9:20	X													
	6																											
	7																											
	8																											
	9																											
	10																											

Sampler Relinquished:		Date	12-21	Received By:	E-mail results to: iolness@hotmail.com and cjreynolds@paalp.com	
Manuel Gonzales		Time	0700	Roger Boone	REMARKS:	
Relinquished by:		Date	12-22	Received By: (lab staff)	J. Lynn / ASI 12/22/04 @ 1020	
Roger Boone		Time	1200	Checked By:		
Delivered by:		Sample Cool & Intact				
		Yes No				

T: 5.4 c

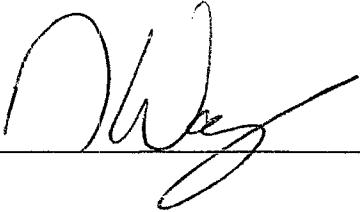
Sample Analysis Case Narrative

Client: Environmental Plus, Inc. Project ID: 2003-00339 Lea Station

Attn: Iain Olness

for Sample #'s: 162967 thru 162971

Analyzed by AnalySys, Inc.

Final Review Date: 1/20/2005 By:  (D. Wagner)

Case Narrative:

The recoveries of several semi volatile organic compounds in the Matrix Spikes (MS and/or MSD) for the analytical batch that contained sample #'s 162967 thru 162970 were outside normal laboratory acceptance criteria. The Laboratory Control Sample (LCS) run with this batch met recovery acceptance criteria for each compound indicating that the analytical method was operating correctly and in control. Although the spike recoveries are below normal acceptance criteria for some compounds, none of the above referenced samples were the spiked sample. When viewed within the context of the passing LCS data, and the acceptable surrogate recoveries seen for each sample, this deviation in spike recovery should have minimal impact on data usability.

The precisions of Acenaphthene and Benzo[j,k]fluoranthene for the analytical batch that contained sample #'s 162967 thru 162970 were higher than normal laboratory acceptance criteria. However, in each case, the Matrix Spikes (MS&MSD), and the Laboratory Control Sample (LCS) run with this batch were within analyte recovery limits indicating that the analytical process was working appropriately and in control. This deviation in the precision between the MS and MSD when viewed in conjunction with the acceptable analyte recovery seen for the MS, MSD, and LCS should have minimal impact on data usability.



ANNUAL MONITORING REPORT

LEA STATION

LINK REF: 2003-00339

NW¼ OF SECTION 28 T20S R37E

~9.5 MILES NORTH-NORTHWEST (313°) OF

EUNICE, LEA COUNTY, NEW MEXICO

LATITUDE: N32° 32' 51.3"

LONGITUDE: W103° 15' 37.0"

MARCH 11, 2004

PREPARED BY: IAO

Environmental Plus, Inc.

2100 Avenue O

P.O. Box 1558

Eunice, NM 88231

Phone: (505)394-3481

FAX: (505)394-2601

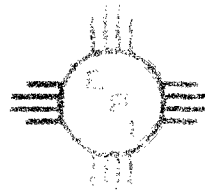


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FIGURES (continued)

- Figure 15 BTEX and Total PAH Concentrations for Monitoring Well MW-12, Link Energy Lea Station, Lea County, New Mexico, from 02/10/95 through 12/18/03.
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- Table 1 Relative Groundwater Elevations, Phase Separated Hydrocarbon Thicknesses and Manual Phase-Separated Hydrocarbon Recovery
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APPENDIX

- Appendix A Laboratory Analytical Results and Chain-of-Custody Form

I. Background

Lea Station is located approximately 9 miles north-northwest of Eunice in Lea County, New Mexico, at an elevation of approximately 3,495 feet above mean sea level (reference Figures 1 and 2). The site is located in the Monument-Jal Oil Field and is utilized as a crude oil pipeline pumping station. There are no residences or surface water bodies within a 1,000-foot radius of the facility. The facility is surrounded by a barbed wire fence and has a locked gate (reference Figure 3).

In 1992, Shell Pipeline Corporation (SPLC) retained CURA to establish baseline conditions of the subsurface environment at the site. In December 1992, 12 soil borings were advanced around the site and seven groundwater monitoring wells were installed. Analytical results for soil samples collected during this phase of the investigation indicated two general areas, one in the eastern half and one in the western half of the site, were identified as hydrocarbon-impacted areas by elevated total petroleum hydrocarbon (TPH) concentrations in soils (>100 parts per million (ppm) TPH). Analytical results for groundwater samples collected during this phase of the investigation indicated dissolved phase hydrocarbon contaminants present in five of the seven groundwater samples.

Based on these results, an additional four soil borings were advanced and an additional four groundwater monitoring wells were installed in September 1993. Results of this and previous phases of the investigation indicated three hydrocarbon-impacted areas present on the site, one in the eastern portion, one in the north-central portion and one in the western portion. In addition, phase separated hydrocarbons (PSH) were detected in groundwater monitoring well MW-8. Due to the presence of PSH and the extent of hydrocarbon-impacted soil and groundwater, CURA recommended that feasibility testing be completed to evaluate soil and groundwater remedial methods for potential implementation at the site.

In September 1994, CURA submitted a *Remediation Plan* to SPLC. The plan consisted of a soil vapor extraction (SVE) and product-only pumping system in the vicinity of groundwater monitoring well MW-8. The *Remediation Plan* included the installation of two recovery wells (RW-1 and RW-2), installation of two PSH only pump/air extraction units (one unit each in RW-1 and RW-2), regulatory notification of air emissions, final installation of the system, performance monitoring, operations and maintenance activities and reporting.

In February 1995, a remediation system consisting of SVE with product-only pumping was installed at the site. The system was designed with high vacuum levels at the wellheads in an effort to induce oil flow towards the wells, as observed during the pilot testing. Recovery of PSH and quarterly monitoring have been ongoing since the system was installed. Adjustments to the system have been made during the past nine years in an effort to enhance recovery operations.

II. Field Activities

Field work completed prior to December 2003 was completed by Enercon Services, Inc. for SPLC. Environmental Plus, Inc. does not have the information for any field work completed

during that time. Environmental Plus conducted one sampling/gauging event on December 18, 2003.

III. Groundwater Gradient and PSH Thickness

Monitoring wells were gauged prior to bailing to determine the depth to groundwater and the thickness of any PSH. Except for minor fluctuations, groundwater levels have decreased throughout the year (reference Figures 17 through 20). PSH were only detected in two groundwater monitoring wells (MW-2 and MW-11) during the past year. PSH was only detected in groundwater monitoring well MW-11 during the January 28, 2003 sampling event, at a thickness of 0.09 feet. PSH levels in groundwater monitoring well MW-2 have generally shown a decrease during the past year. No PSH were detected in the remaining monitoring wells during the past year. A summary of groundwater elevations and PSH thickness is included in Table 1.

Based on data collected during the four sampling events, groundwater is flowing to the southeast (reference Figures 21, 23, 25 and 27) and is consistent with historical data.

IV. PSH Recovery

Absorbent booms and hand bailing accomplish recovery of PSH on-site. Approximately 226 gallons of PSH have been recovered to date. Between November 8, 2002 and December 18, 2003, approximately 26.5 gallons were recovered by manual means. A summary of PSH recovery is presented in Table 1.

V. Groundwater Sampling

Groundwater monitoring wells MW-4, MW-5, MW-6, MW-7, MW-9 and MW-10 were sampled on January 28, April 2, July 8 and December 8, 2003 for benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8260b. The samples collected during the January 28, 2003 sampling event were also analyzed for poly-aromatic hydrocarbons (PAH) using EPA Method 8310. Groundwater monitoring wells MW-8, MW-10 and MW-14 were sampled during the April 2 and December 18, 2003 sampling events and the samples submitted for quantification of BTEX using EPA Method 8260b. Groundwater monitoring wells MW-11, MW-12 and MW-13 were only sampled during the April 2, 2003 sampling event and the samples submitted for quantification of BTEX using EPA Method 8260b. Recovery well RW-1 was sampled during the December 18, 2003 sampling event and the sample submitted for quantification of BTEX using EPA Method 8260b. All wells were purged a minimum of three well volumes or dry and samples collected utilizing dedicated or disposable sample bailers. Samples were then placed on ice and shipped to an independent laboratory under chain-of-custody for analyses.

VI. Groundwater Analytical Results

Dissolved BTEX concentrations remained relatively stable with only minor fluctuations across the site during the past year. Analytical results for PAH were non-detectable in all samples except for the sample collected from monitoring well MW-6. Analytical results for this sample

indicated flourene concentrations of 0.00061 parts per million (ppm). Samples collected from monitoring wells MW-4, MW-7, MW-8, MW-9, MW-10 and MW-13 and recovery well RW-1 contained no detectable concentrations of BTEX or PAH during the past year. A summary of groundwater analytical results is included as Table 2 and a copy of the analytical results for samples collected on December 18, 2003 is included as Appendix A.

VII. Recommendations

Based on field monitoring and analytical results collected during the past year and analyzed in conjunction with data collected during the past eight years, the following changes are recommended in the sampling protocol:

- 1) Turn the SVE system off and continue to monitor the groundwater monitoring well network on a semi-monthly basis to recover PSH from the impacted groundwater monitoring wells.
- 2) Although no PSH have been detected in recovery wells RW-1 and RW-2 for approximately the past two years, absorbent socks should be placed in these wells in the event PSH return.
- 3) Gauge all groundwater monitoring wells for water levels and the presence of PSH on a quarterly basis.
- 3) Sample groundwater monitoring wells MW-1, MW-3, and MW-12 on a quarterly basis and submit the samples for quantification of TPH and BTEX. The samples should be analyzed annually for the presence of PAHs. In the event PSH are not detected during a sampling event in groundwater monitoring wells currently containing PSH (i.e. MW-2 and MW-11), these wells will be included in the quarterly sampling event.
- 4) Sample groundwater monitoring wells MW-9, MW-10, and MW-13 on an annual basis and submit the samples for quantification of TPH and BTEX. The samples should not be analyzed for PAHs, unless TPH and/or BTEX impacts are detected.

FIGURES

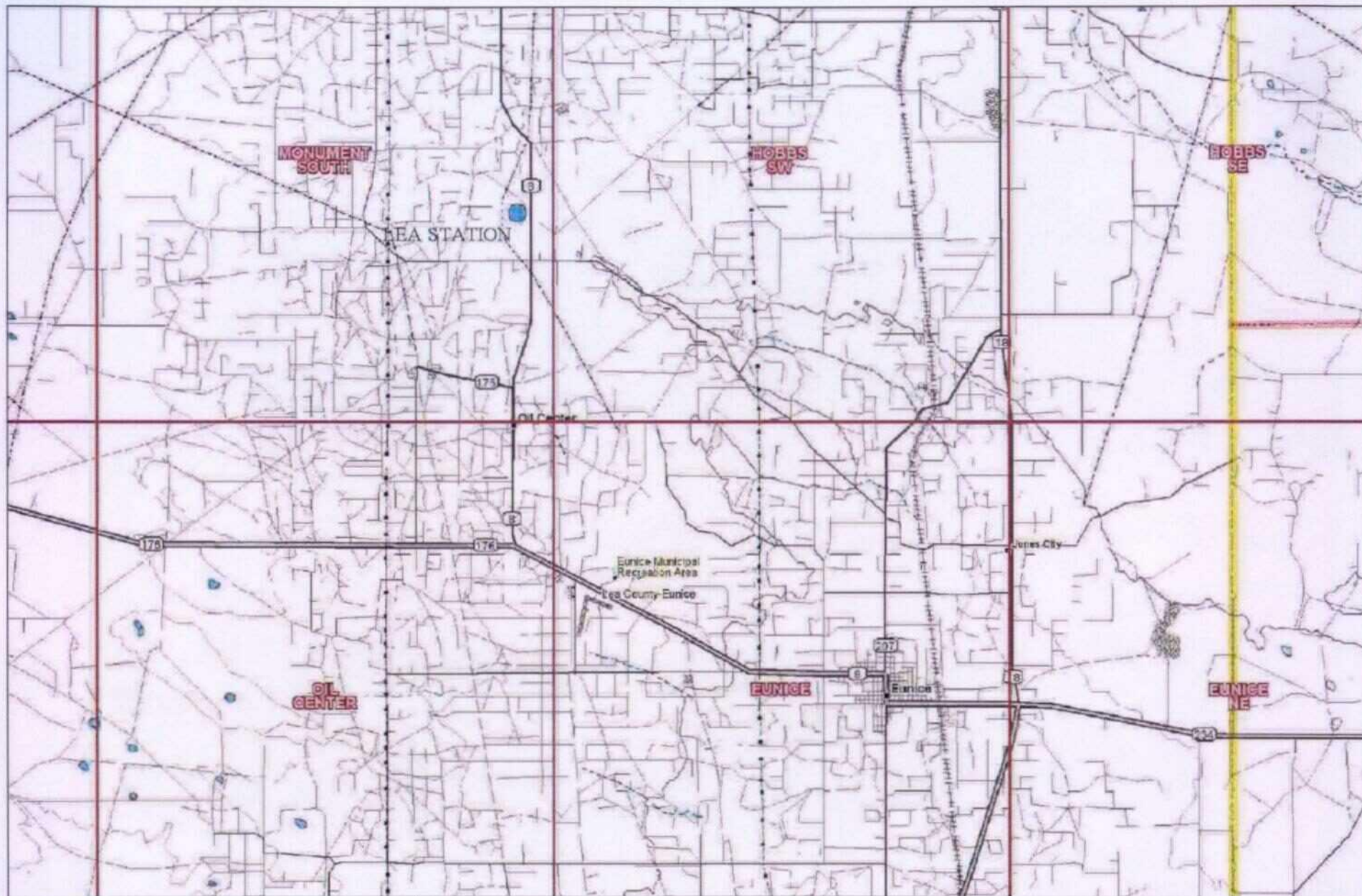
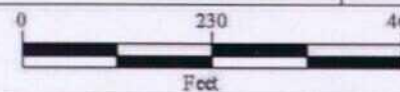


Figure 1
Area Map
Link Energy, LLC
Lea Station

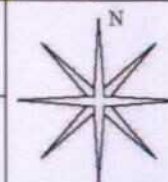
Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl

DWG By: Iain Olness
February 2003

REVISED:



SHEET
1 of 1



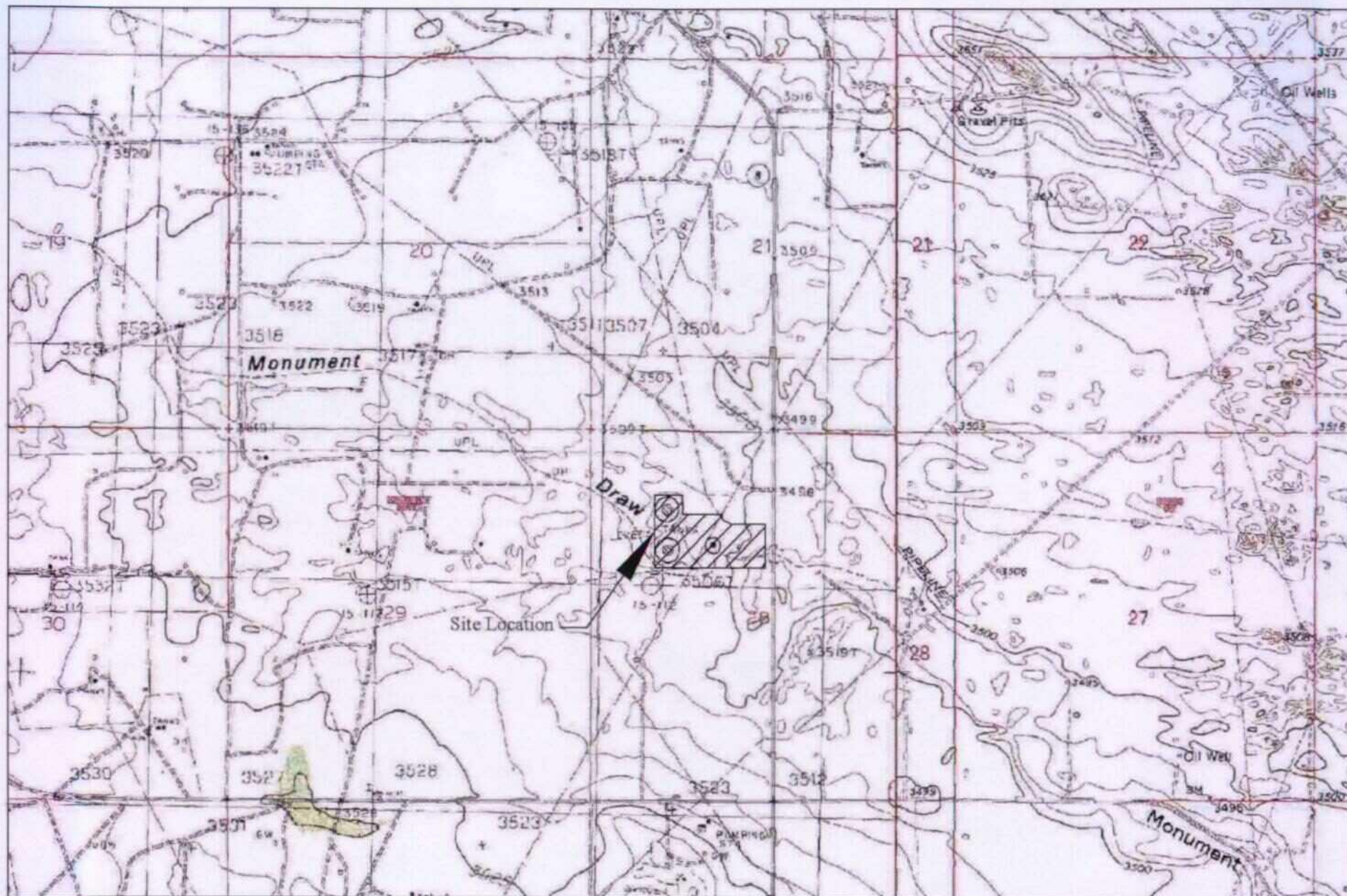
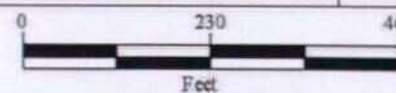


Figure 2
Site Location Map
Link Energy, LLC
Lea Station

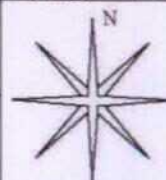
Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl

DWG By: Iain Olness
February 2003

REVISED:



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1 of 1



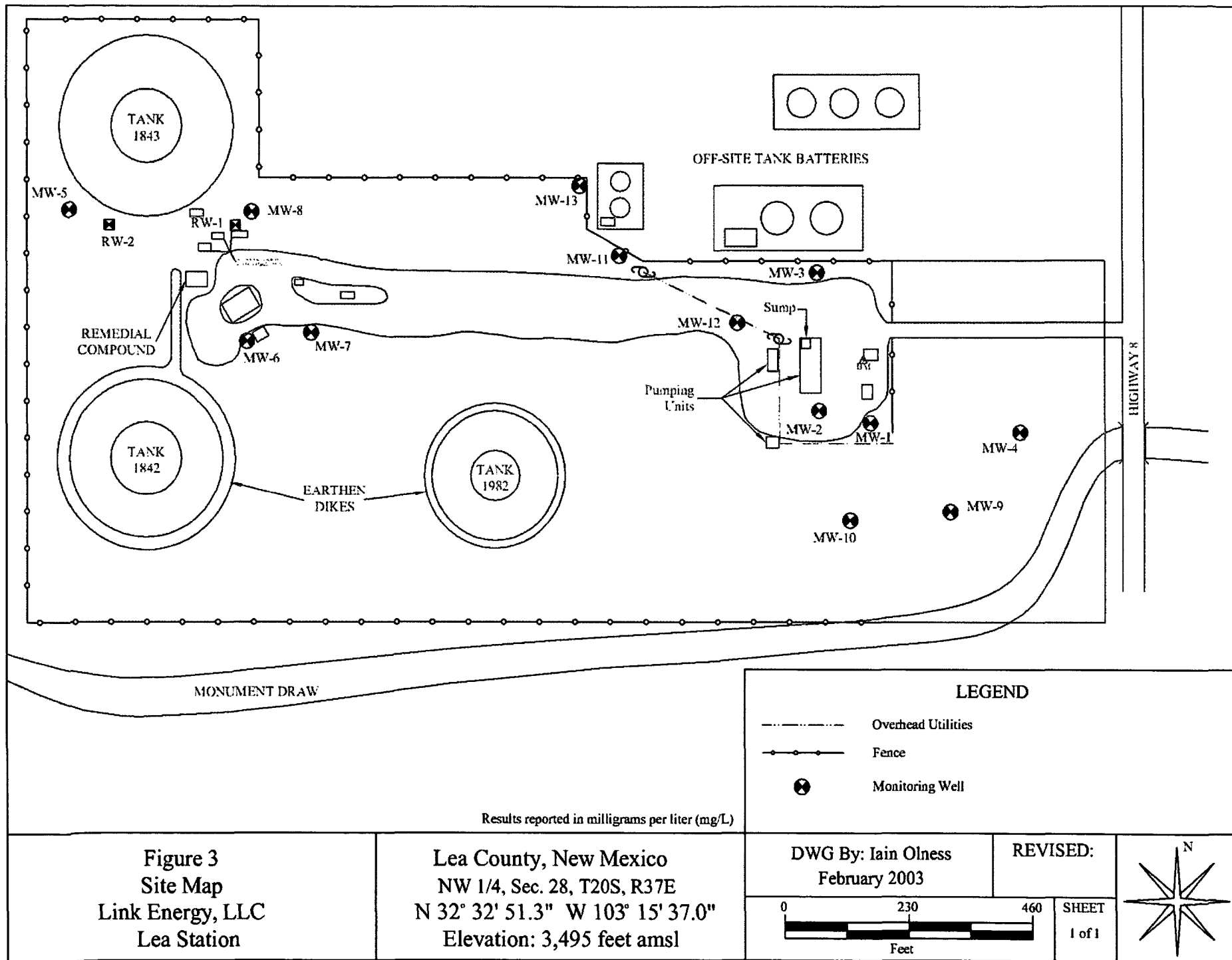




Figure 4: BTEX Concentrations for Groundwater Monitoring Well MW-1, Link Energy Lea Station, Lea County New Mexico, from 10/17/95 through 12/18/03.

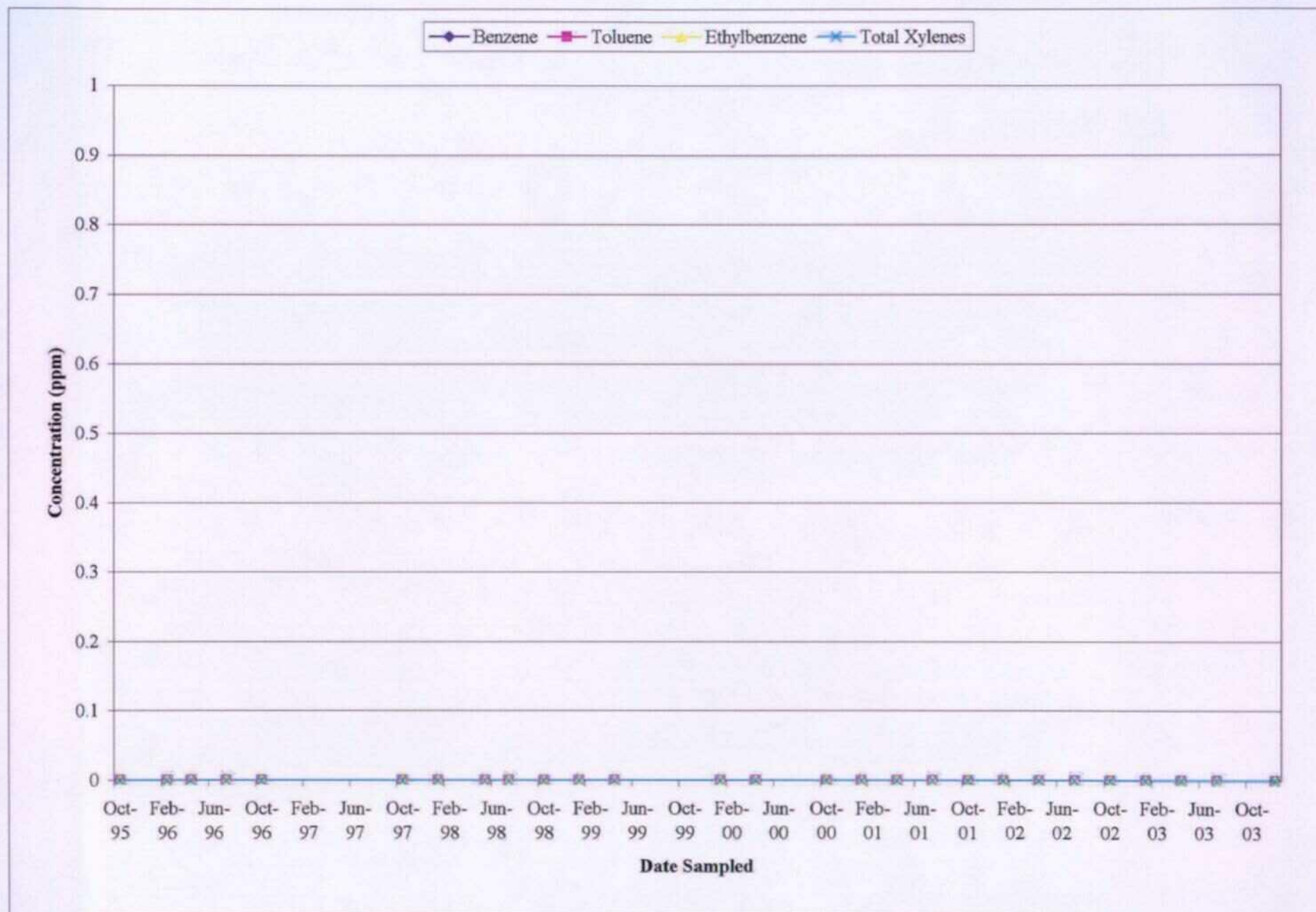


Figure 5: BTEX Concentrations for Groundwater Monitoring Well MW-2, Link Energy Lea Station, Lea County New Mexico, from 10/17/95 through 12/18/03.

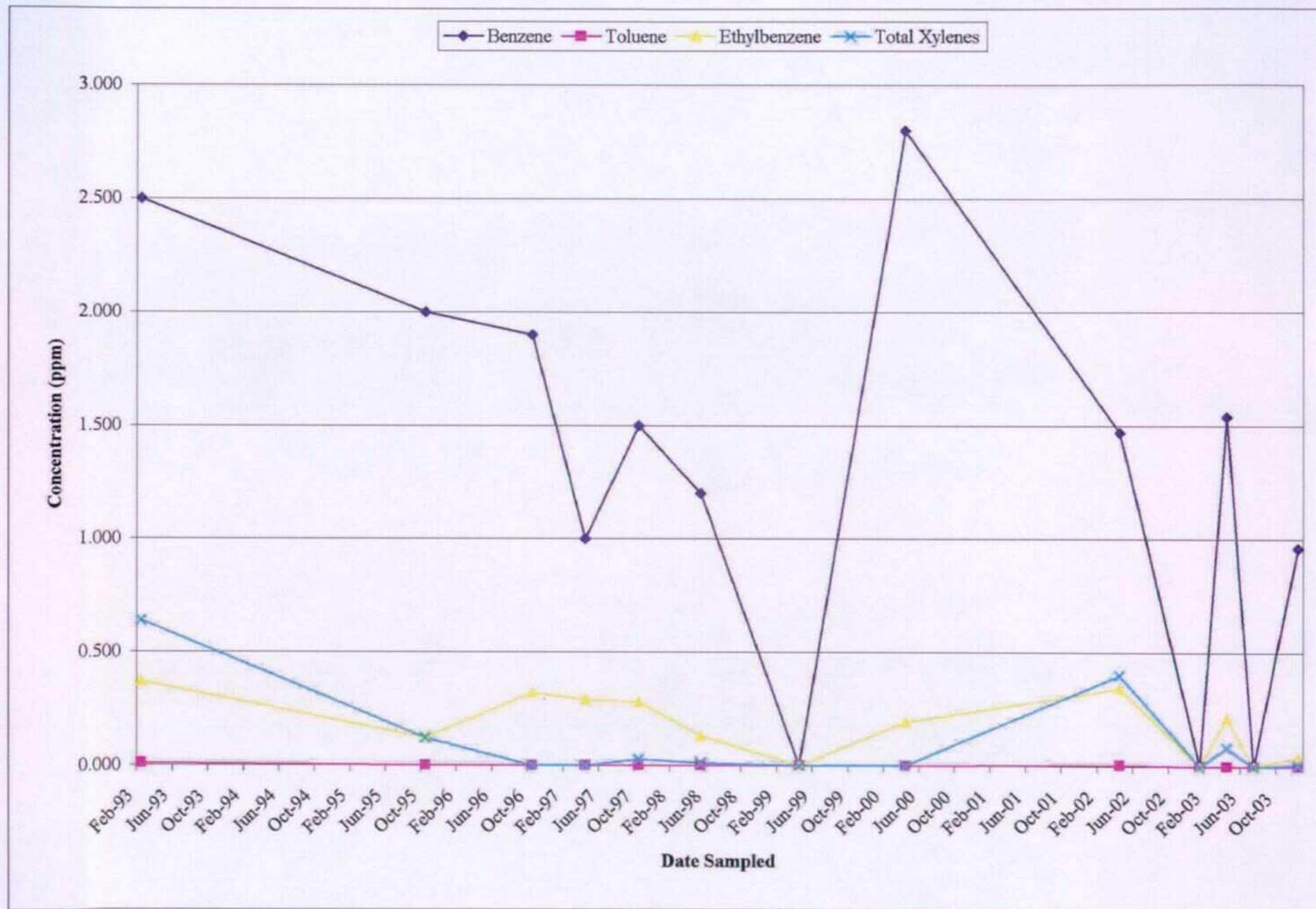


Figure 6: BTEX Concentrations for Groundwater Monitoring Well MW-3, Link Energy Lea Station, Lea County New Mexico, from 02/16/93 through 12/18/03.

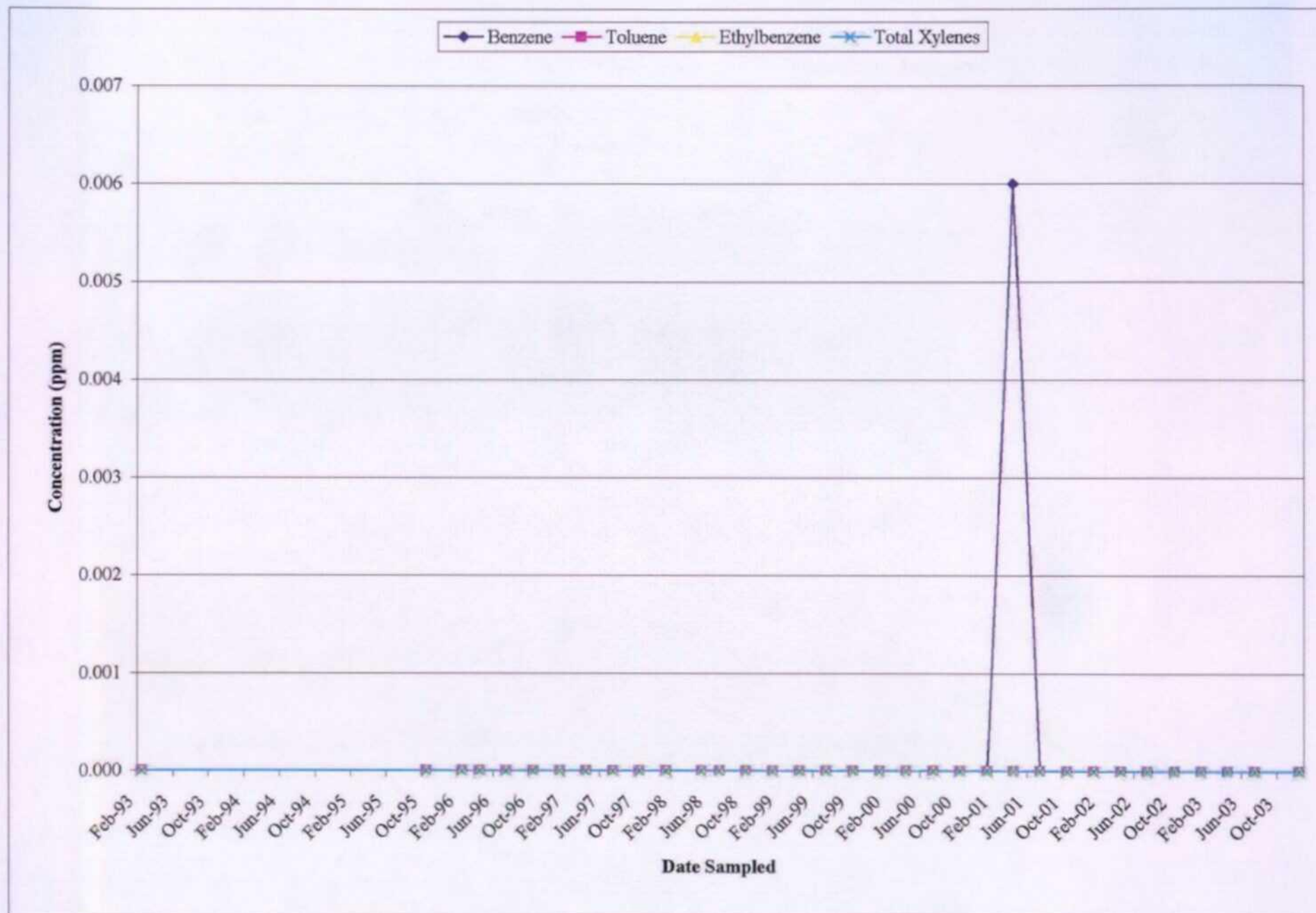


Figure 7: BTEX Concentrations for Groundwater Monitoring Well MW-4, Link Energy Lea Station, Lea County New Mexico, from 02/16/93 through 12/18/03.

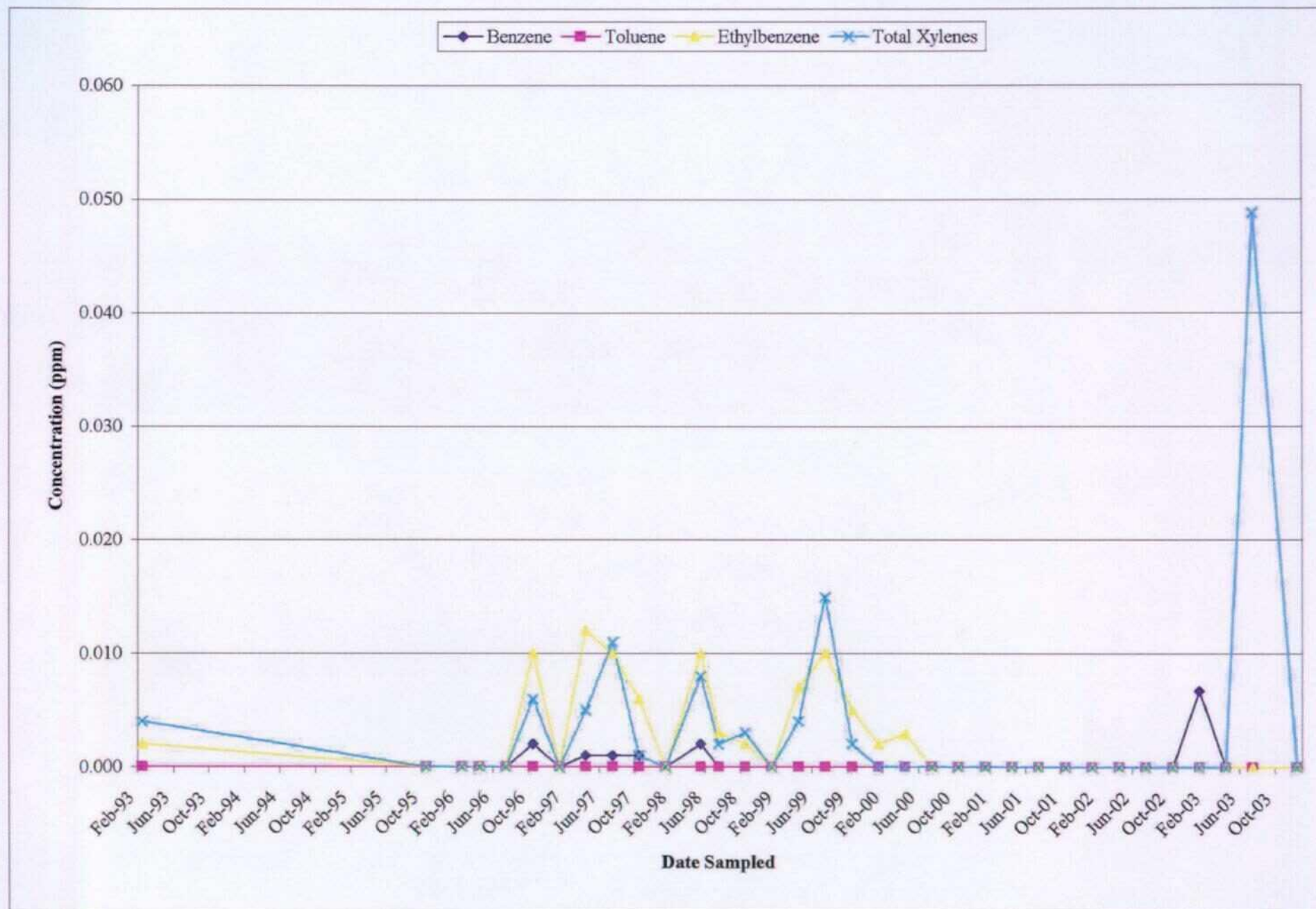


Figure 8: BTEX Concentrations for Groundwater Monitoring Well MW-5, Link Energy Lea Station, Lea County New Mexico, from 02/16/93 through 12/18/03.

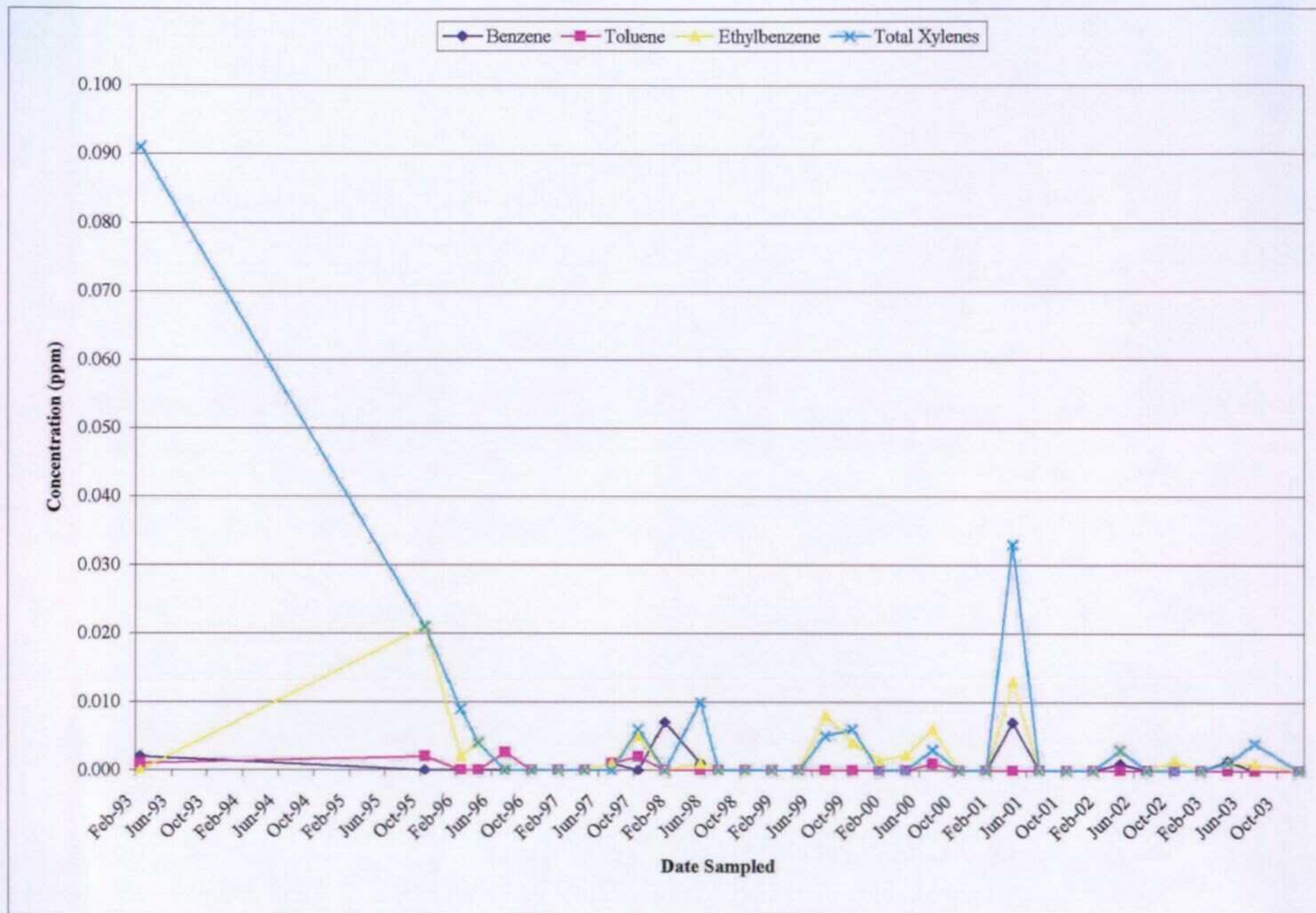


Figure 9: BTEX Concentrations for Groundwater Monitoring Well MW-6, Link Energy Lea Station, Lea County New Mexico, from 02/16/93 through 12/18/03.

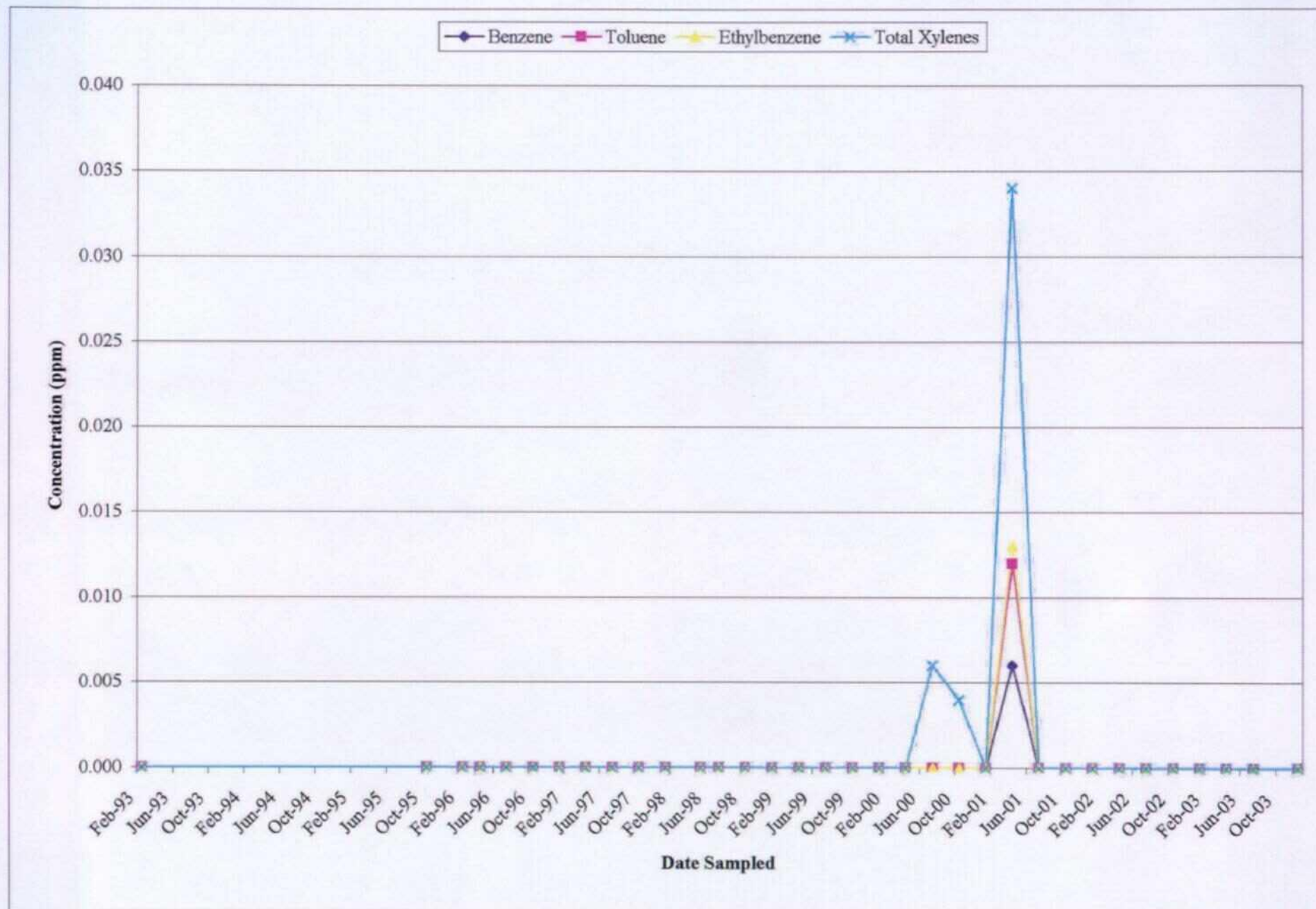


Figure 10: BTEX Concentrations for Groundwater Monitoring Well MW-7, Link Energy Lea Station, Lea County New Mexico, from 02/16/93 through 12/18/03.

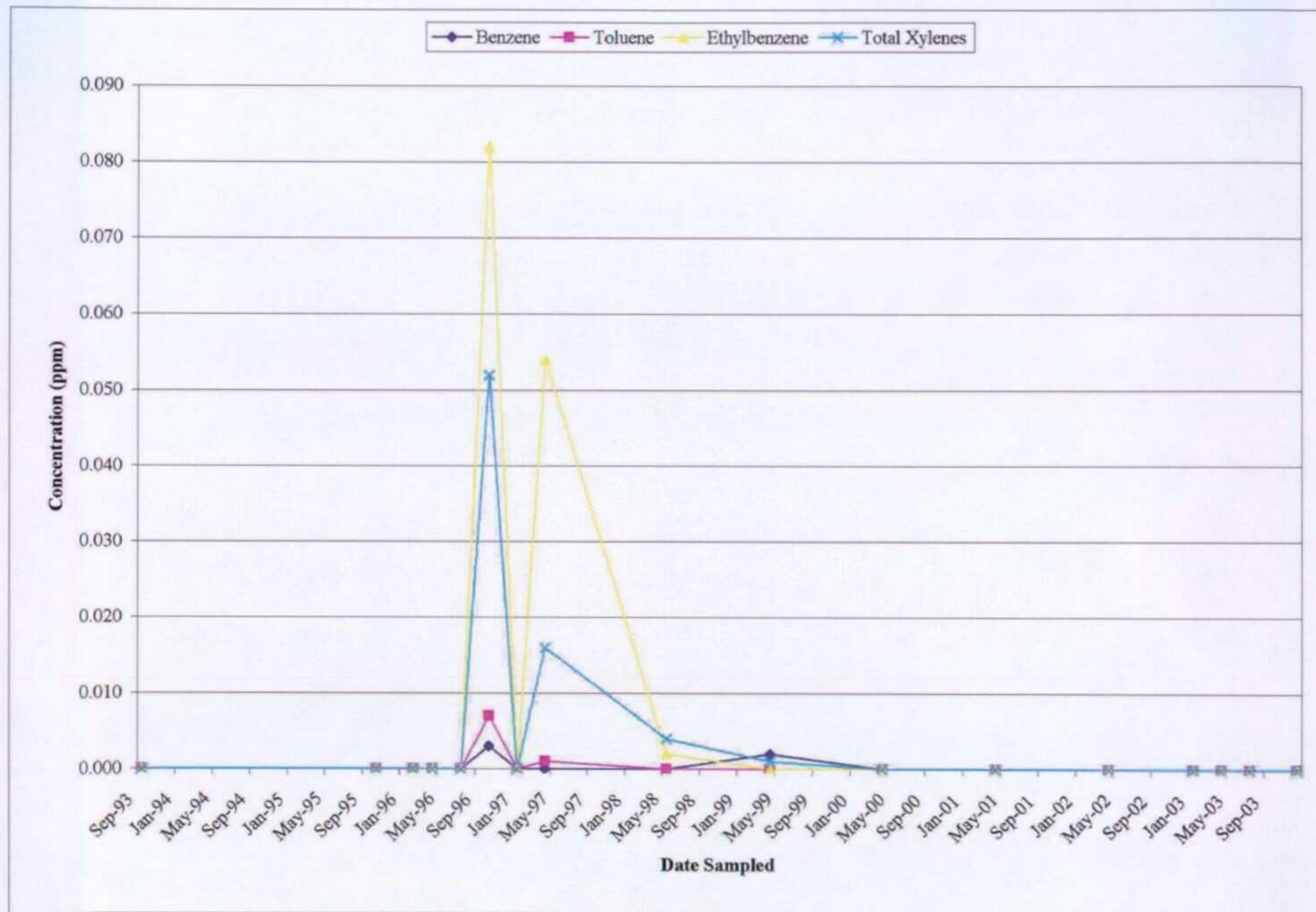


Figure 11: BTEX Concentrations for Groundwater Monitoring Well MW-8, Link Energy Lea Station, Lea County New Mexico, from 09/30/93 through 12/18/03.

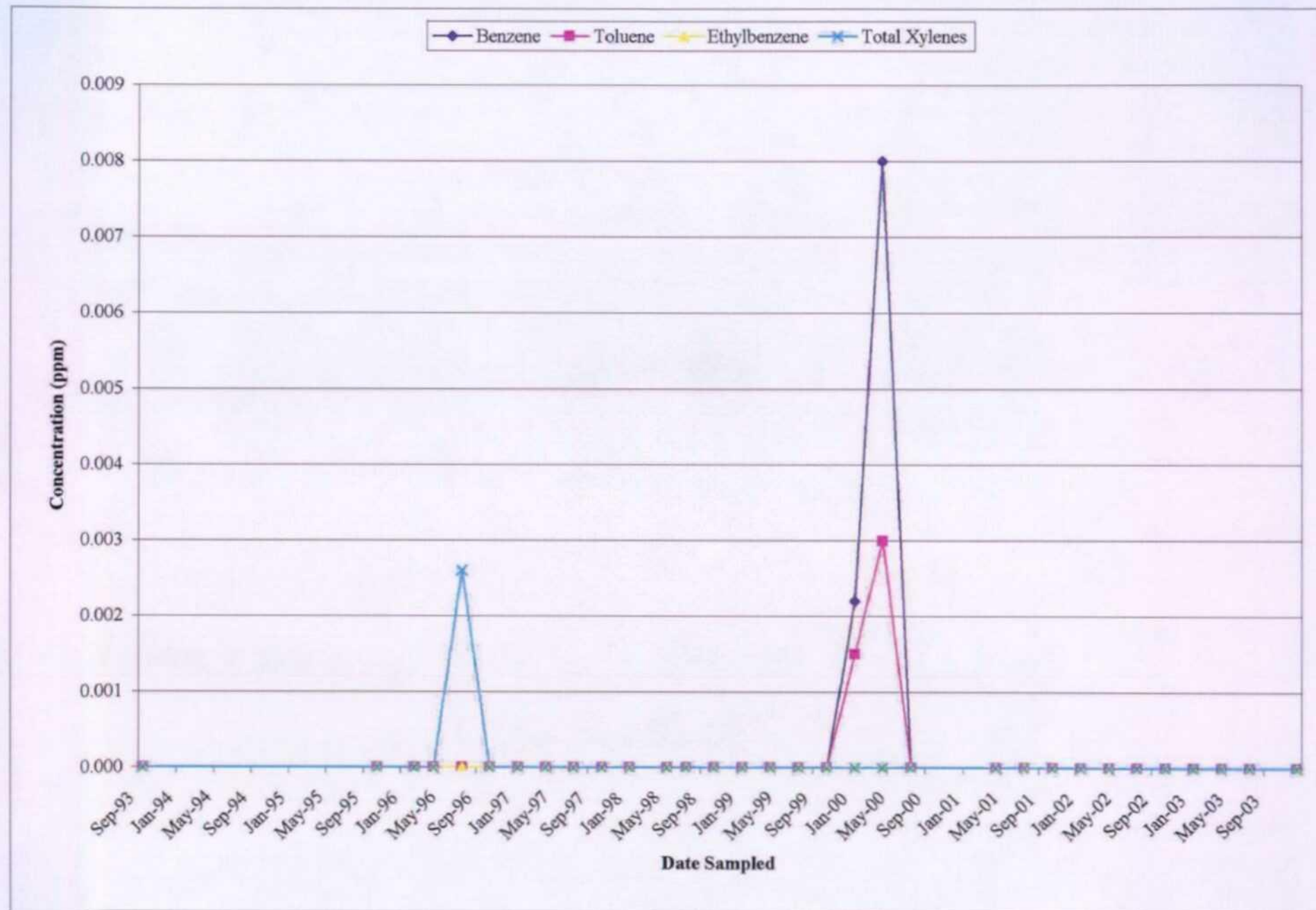


Figure 12: BTEX Concentrations for Groundwater Monitoring Well MW-9, Link Energy Lea Station, Lea County New Mexico, from 09/30/93 through 12/18/03.

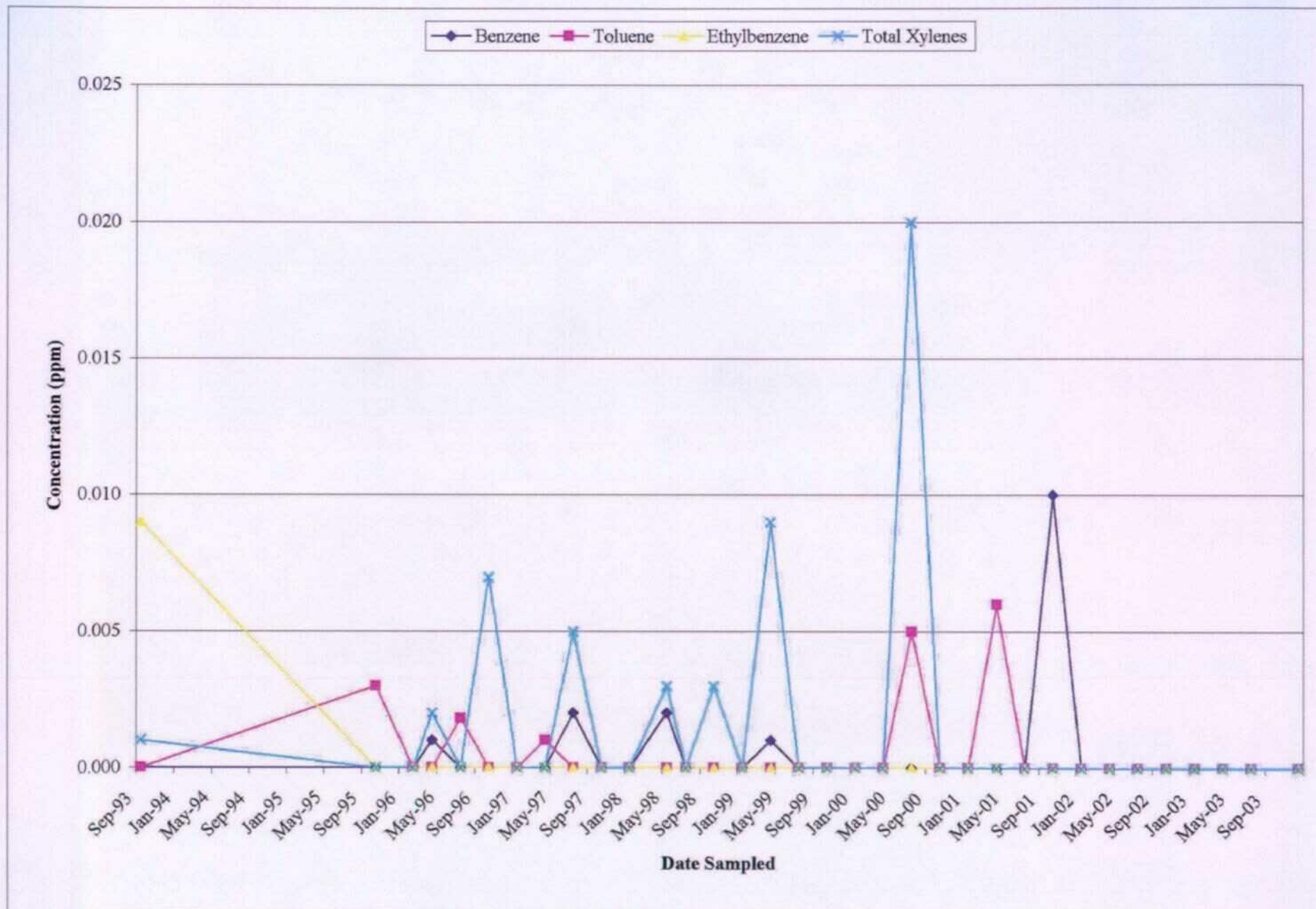


Figure 13: BTEX Concentrations for Groundwater Monitoring Well MW-10, Link Energy Lea Station, Lea County New Mexico, from 09/30/93 through 12/18/03.

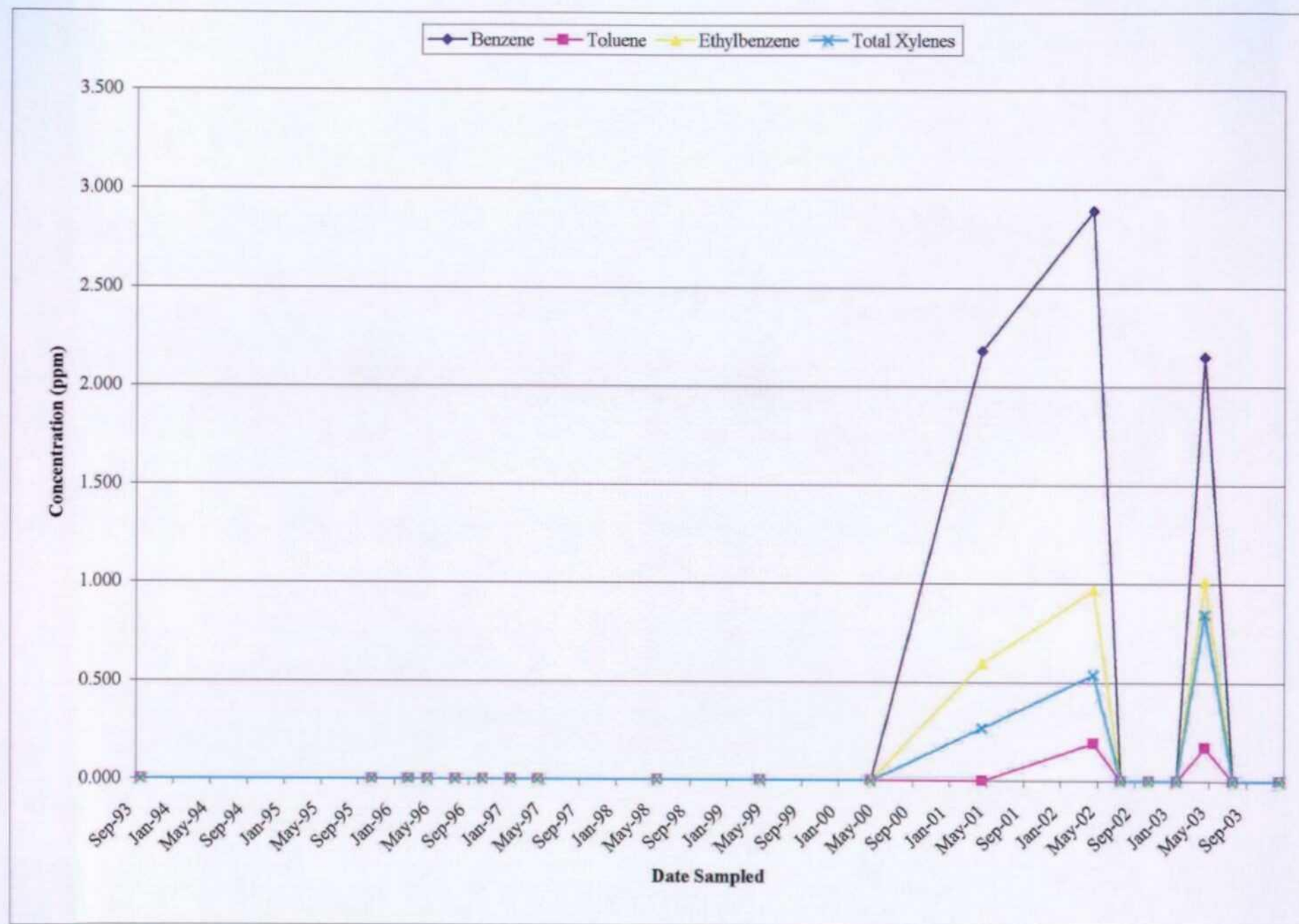


Figure 14: BTEX Concentrations for Groundwater Monitoring Well MW-11, Link Energy Lea Station, Lea County New Mexico, from 09/30/93 through 12/18/03.

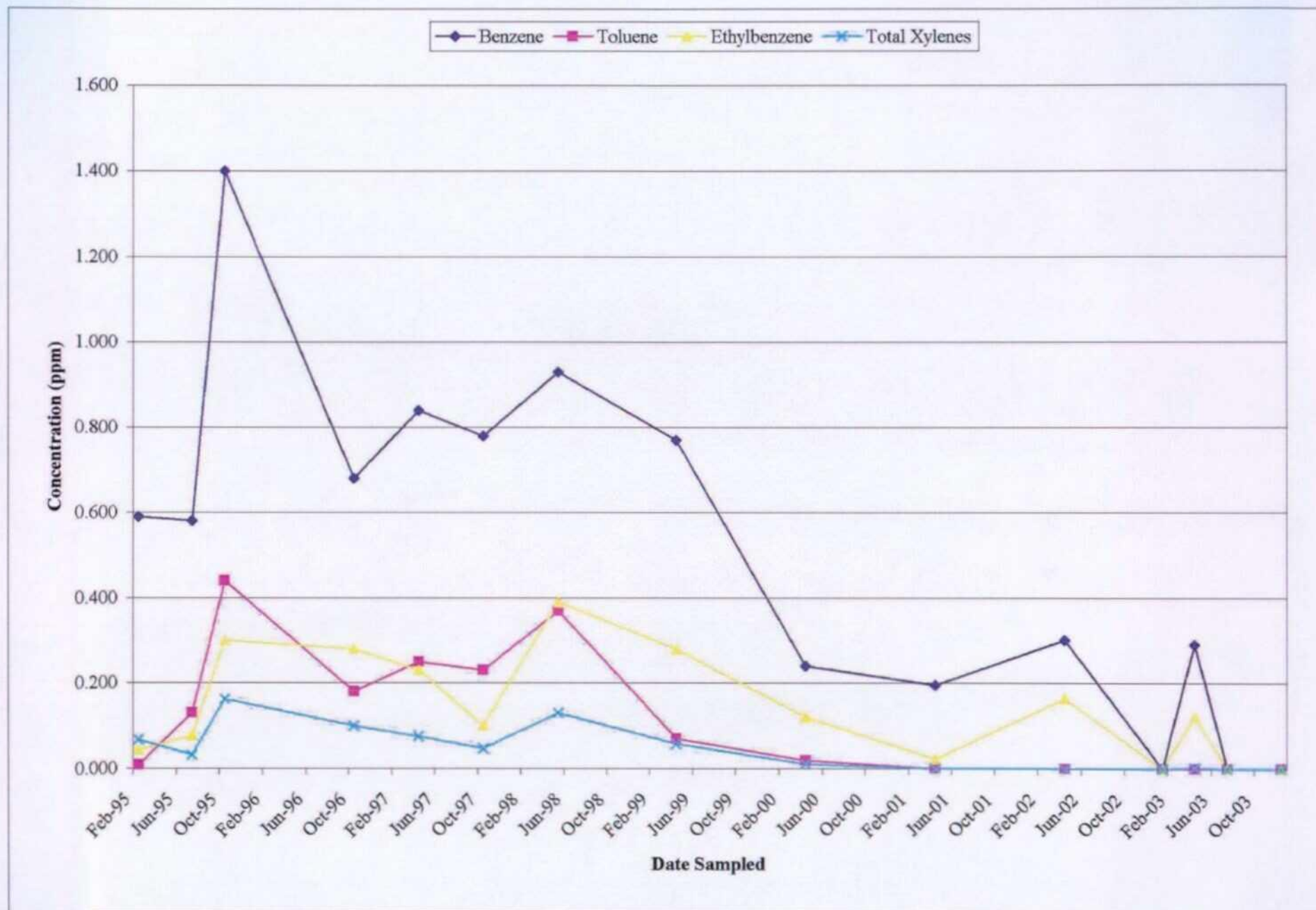


Figure 15: BTEX Concentrations for Groundwater Monitoring Well MW-12, Link Energy Lea Station, Lea County New Mexico, from 02/10/95 through 12/18/03.

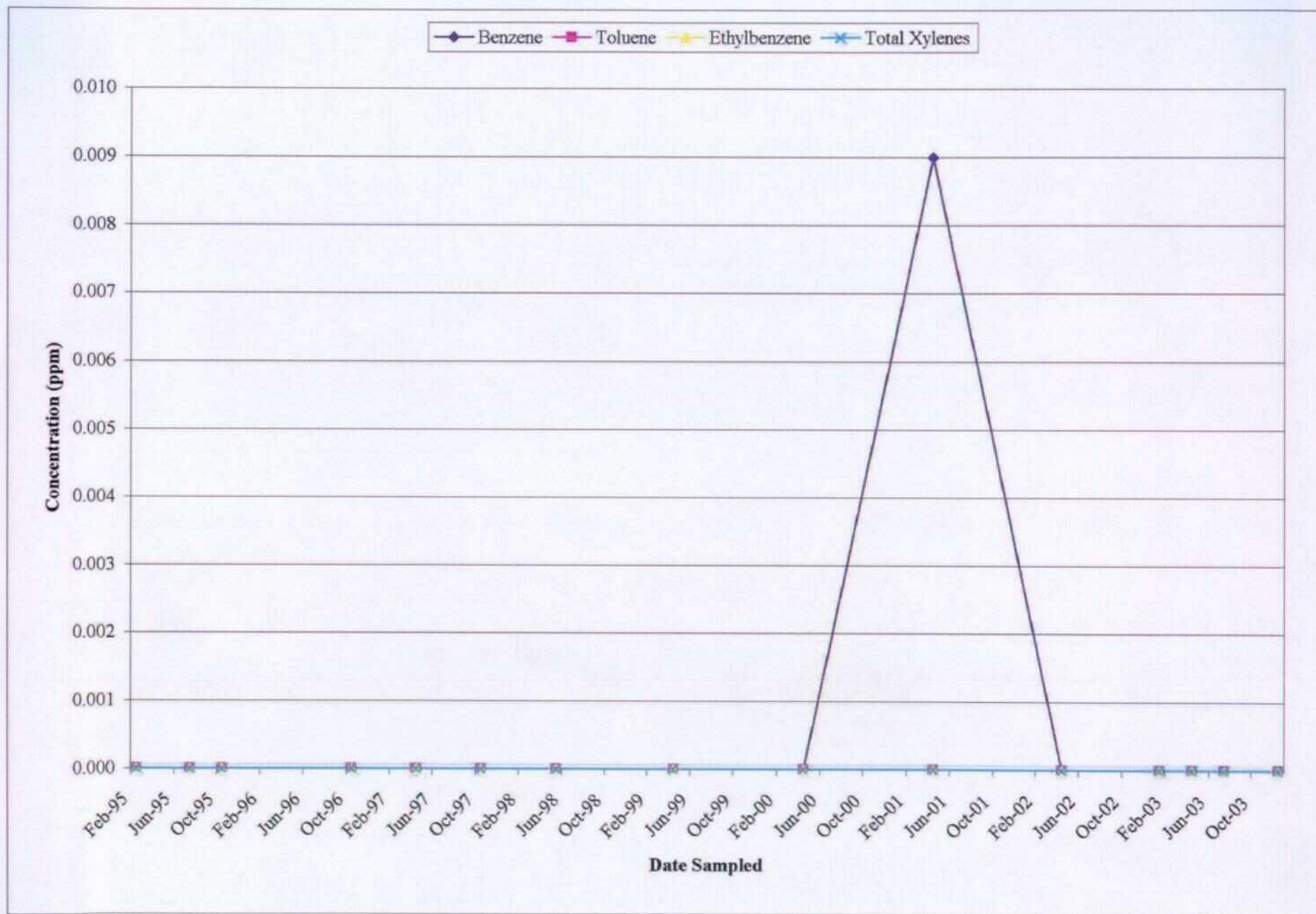


Figure 16: BTEX Concentrations for Groundwater Monitoring Well MW-13, Link Energy Lea Station, Lea County New Mexico, from 02/10/95 through 12/18/03.

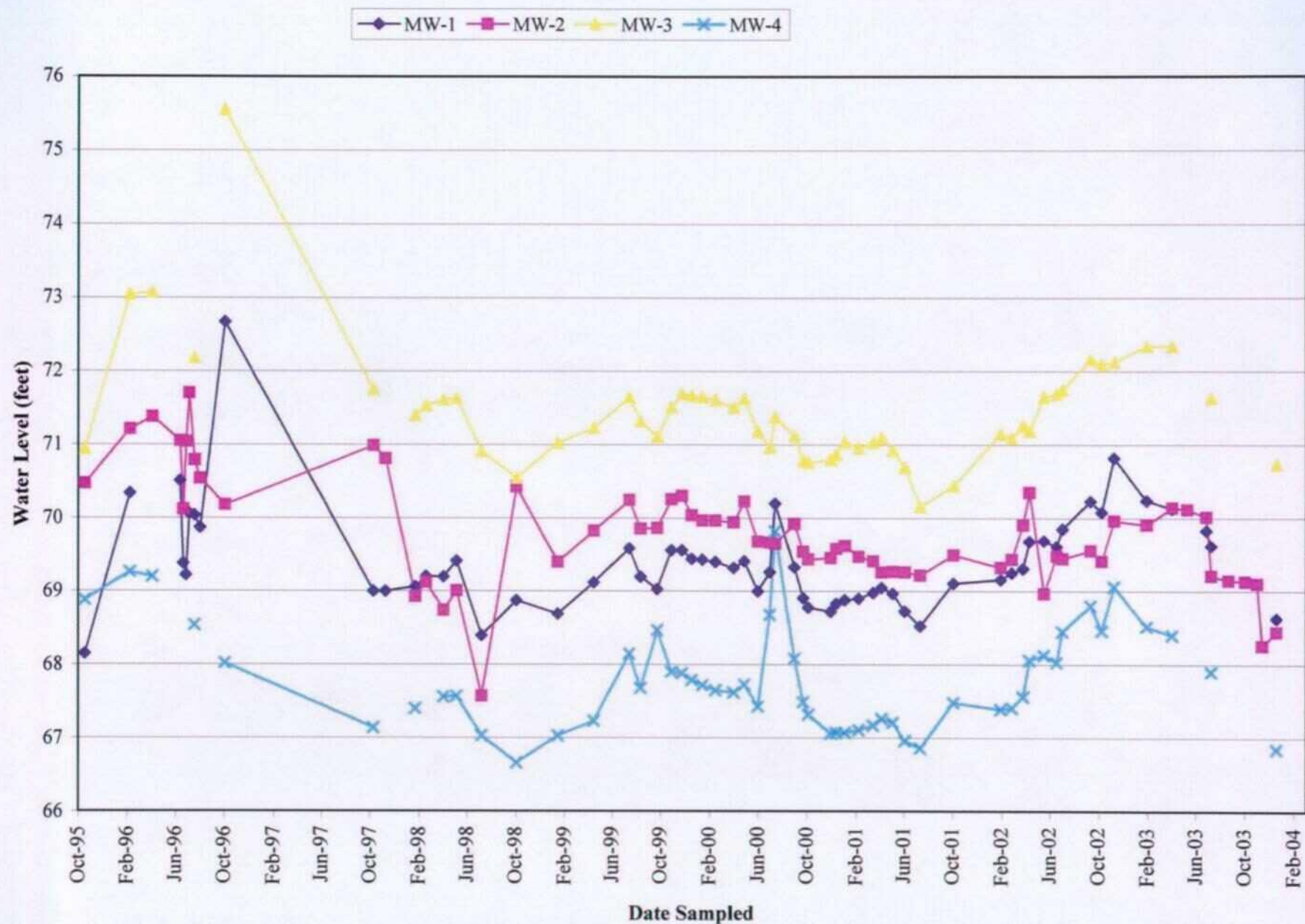


Figure 17: Hydrograph for Monitoring Wells MW-1 through MW-4 , Link Energy Lea Station, Lea County New Mexico, from 10/17/95 through 12/18/03.

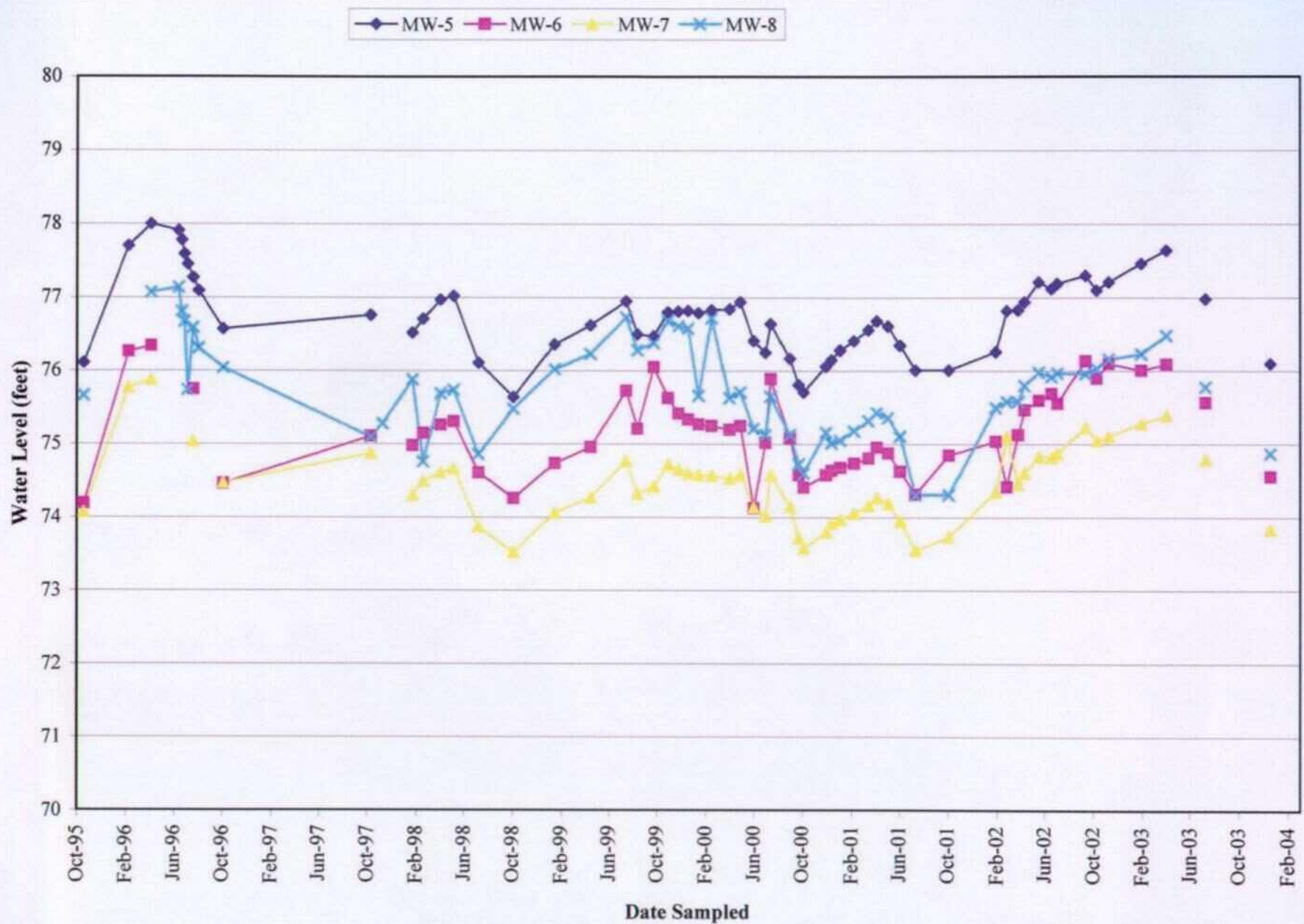


Figure 18: Hydrograph for Monitoring Wells MW-5 through MW-8, Link Energy Lea Station, Lea County New Mexico, from 10/17/95 through 12/18/03.

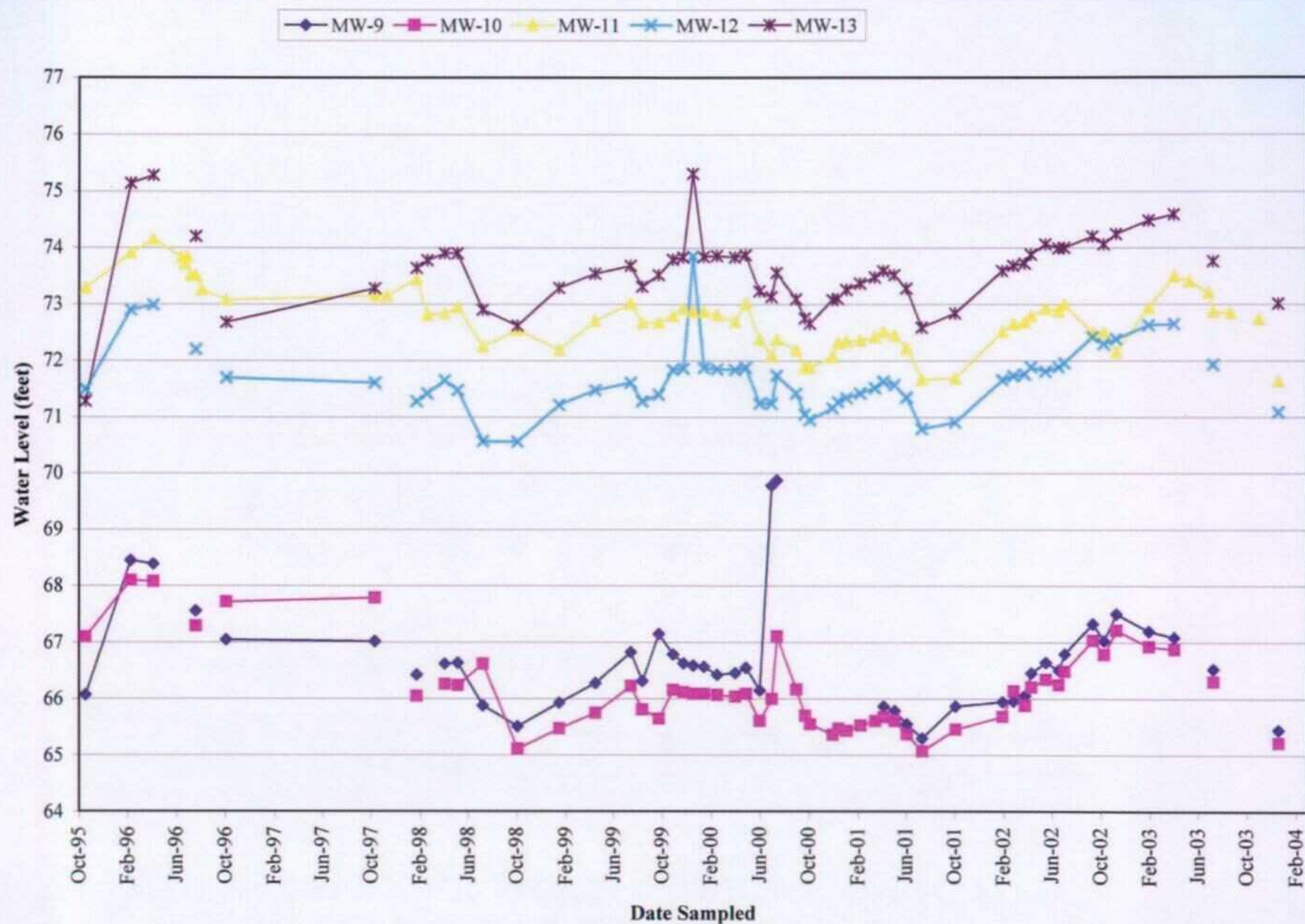


Figure 19: Hydrograph for Monitoring Wells MW-9 through MW-13 , Link Energy Lea Station, Lea County New Mexico, from 10/17/95 through 12/18/03.

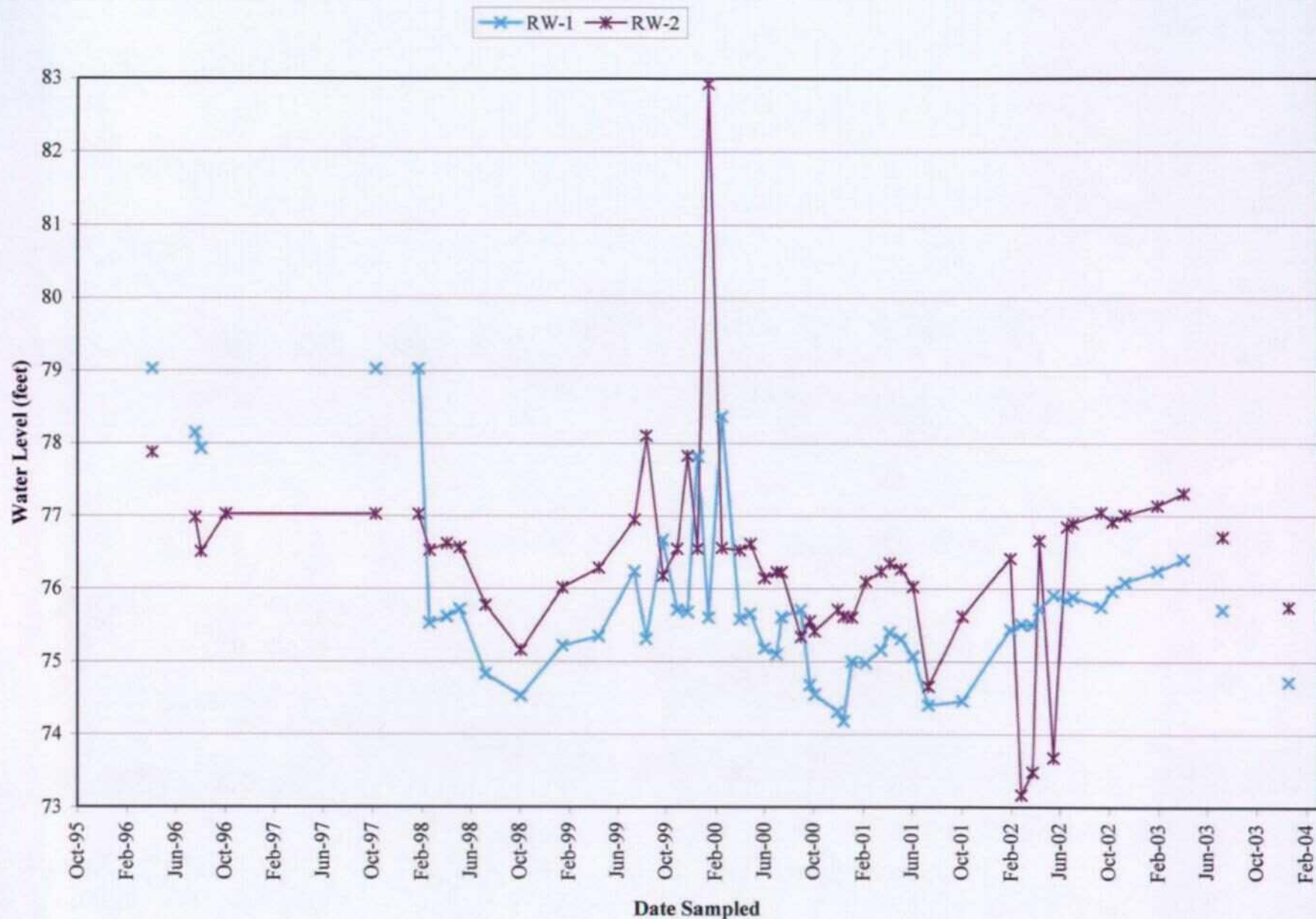
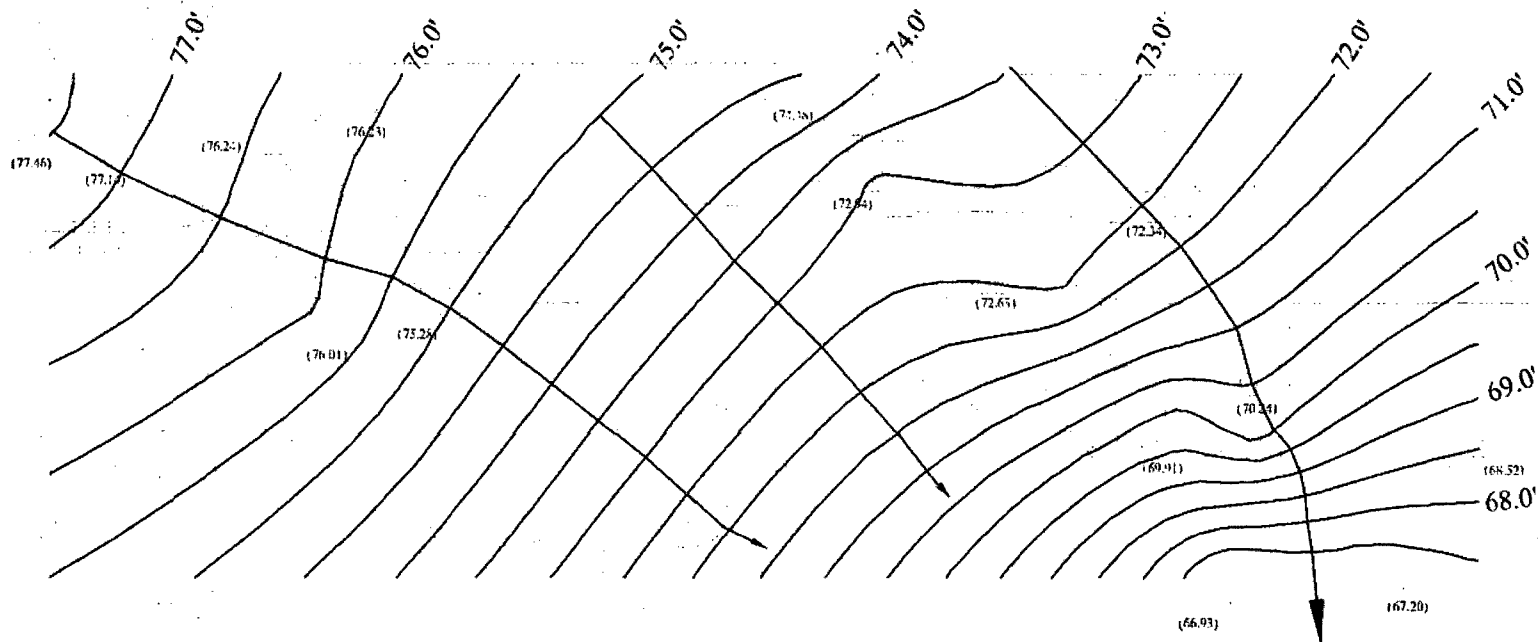


Figure 20: Hydrograph for Recovery Wells RW-1 and RW-2 , Link Energy Lea Station, Lea County New Mexico, from 10/17/95 through 12/18/03.



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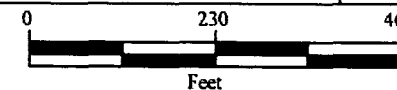
	Overhead Utilities	(73.84)	Groundwater Level
	Fence	73.0'	Groundwater Contour
	Monitoring Well		Approximate Direction of Groundwater Flow

Figure 21
Groundwater Contour Map - 01-29-03
Link Energy, LLC
Lea Station

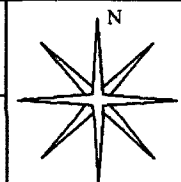
Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl

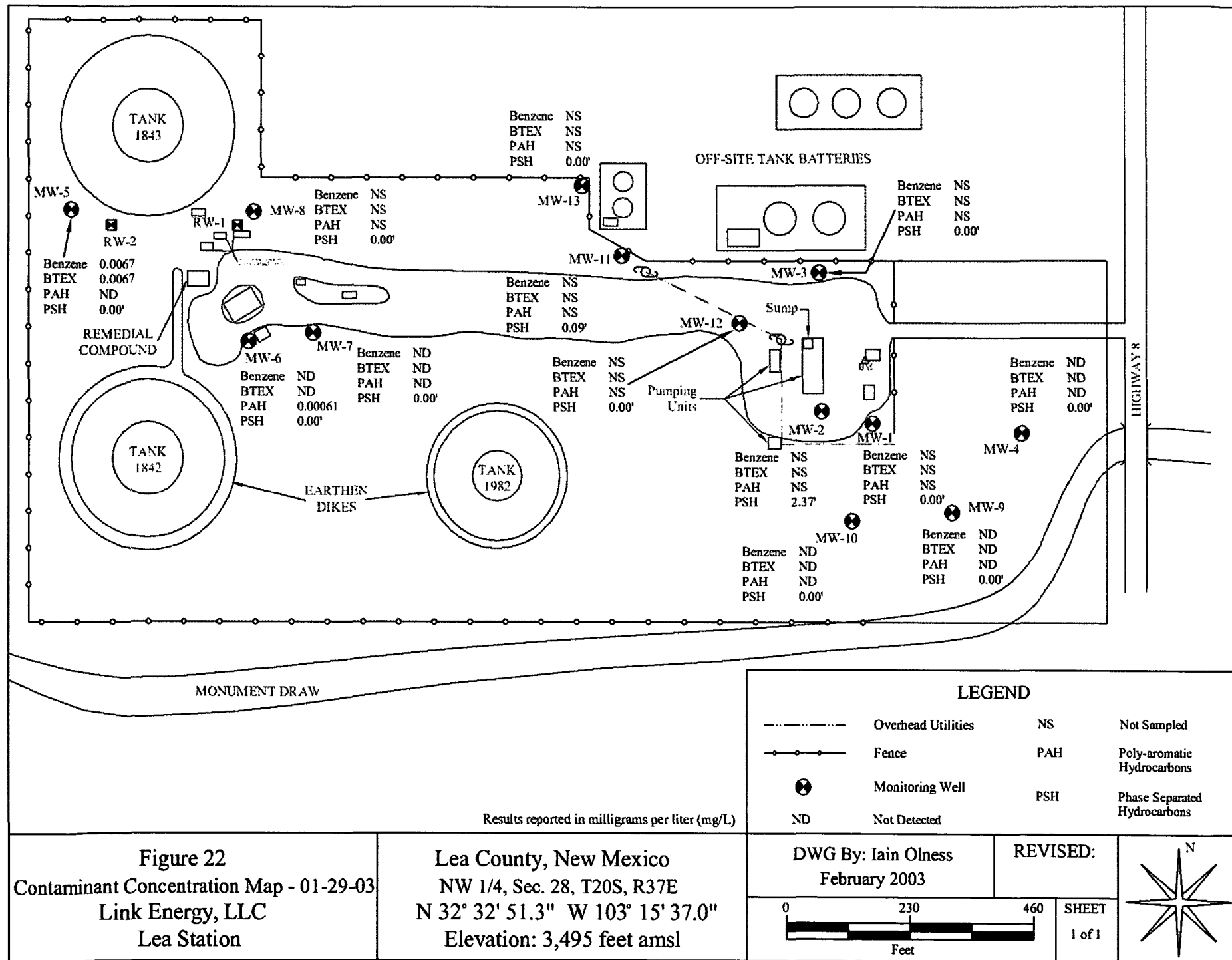
DWG By: Iain Olness
February 2004

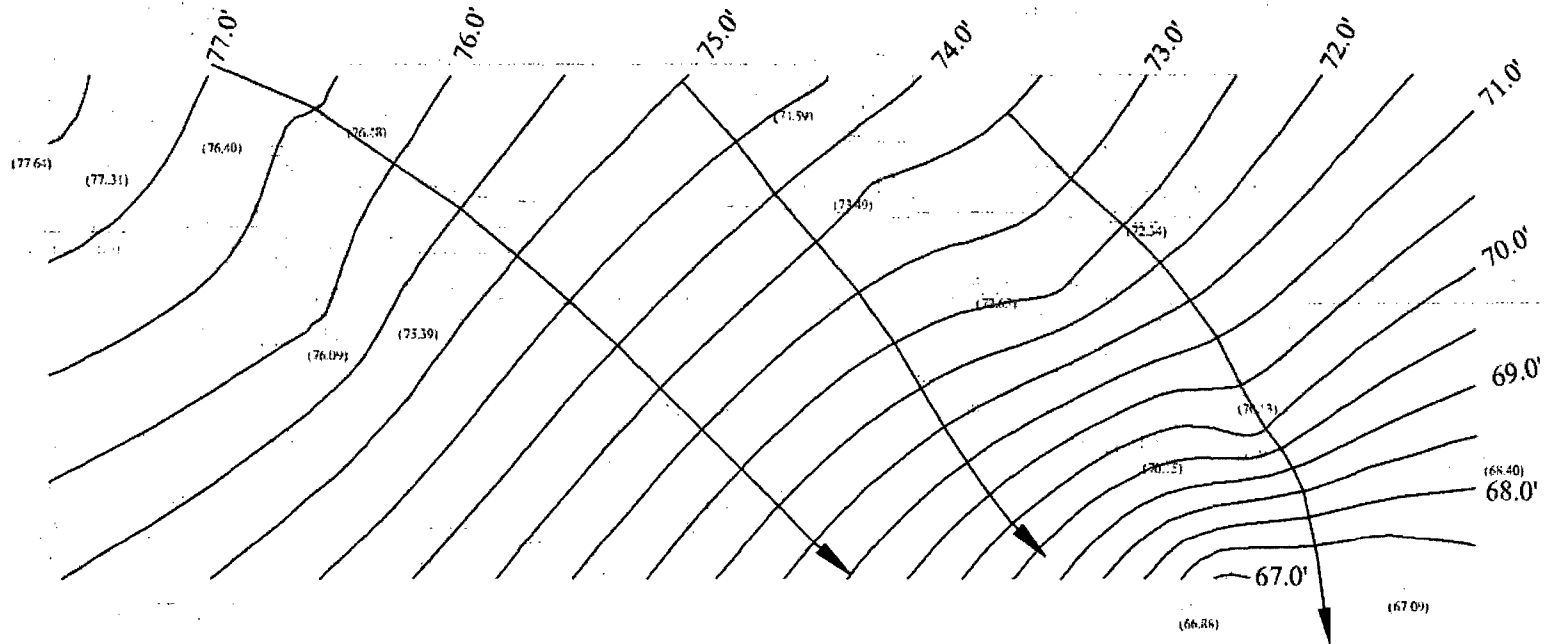
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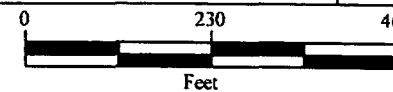
LEGEND		
	Overhead Utilities	(73.84) Groundwater Level
	Fence	73.0' Groundwater Contour
	Monitoring Well	Approximate Direction of Groundwater Flow

Figure 23
Groundwater Contour Map - 04-02-03
Link Energy, LLC
Lea Station

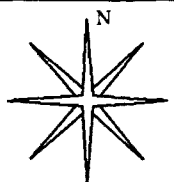
Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl

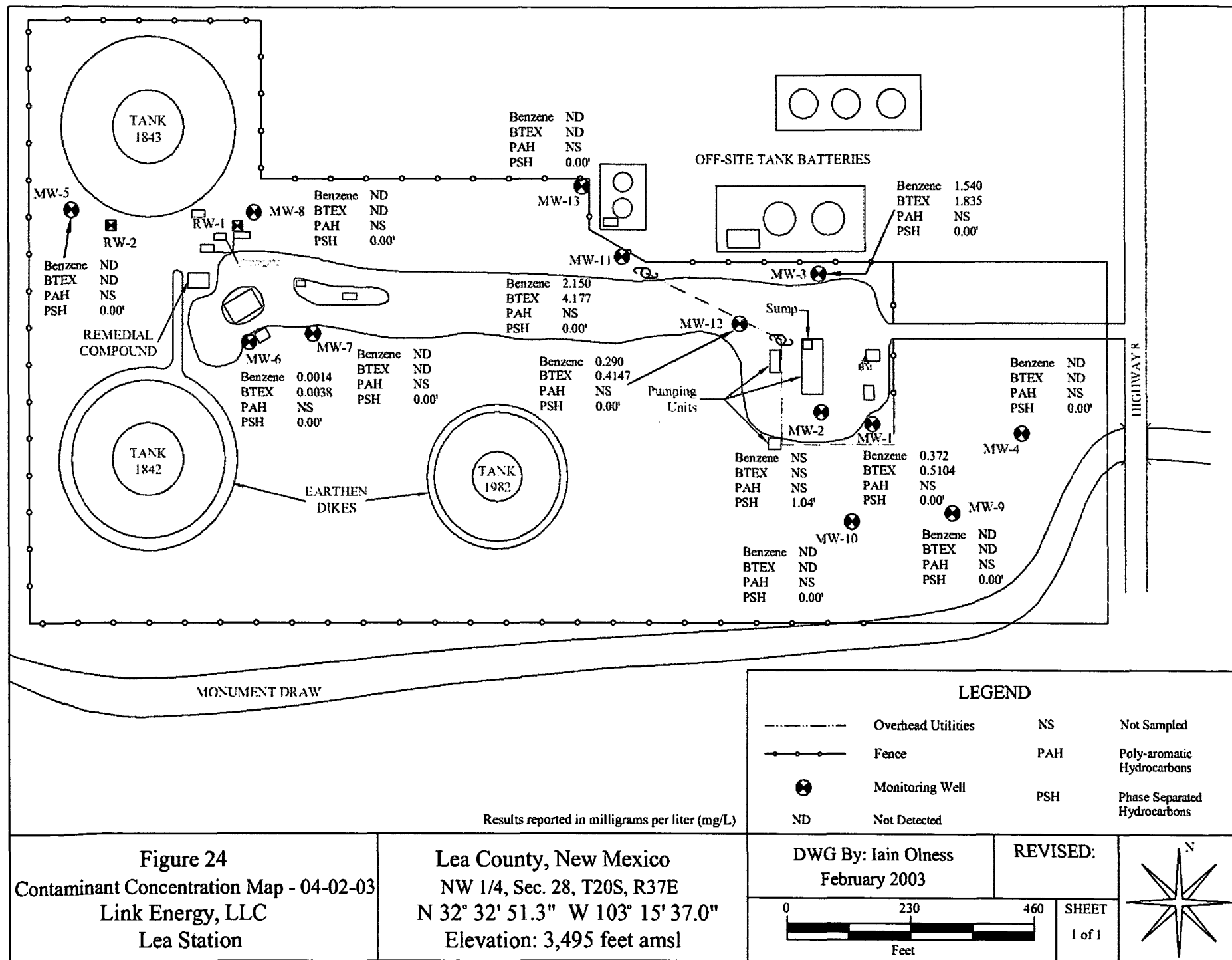
DWG By: Iain Olness
February 2004

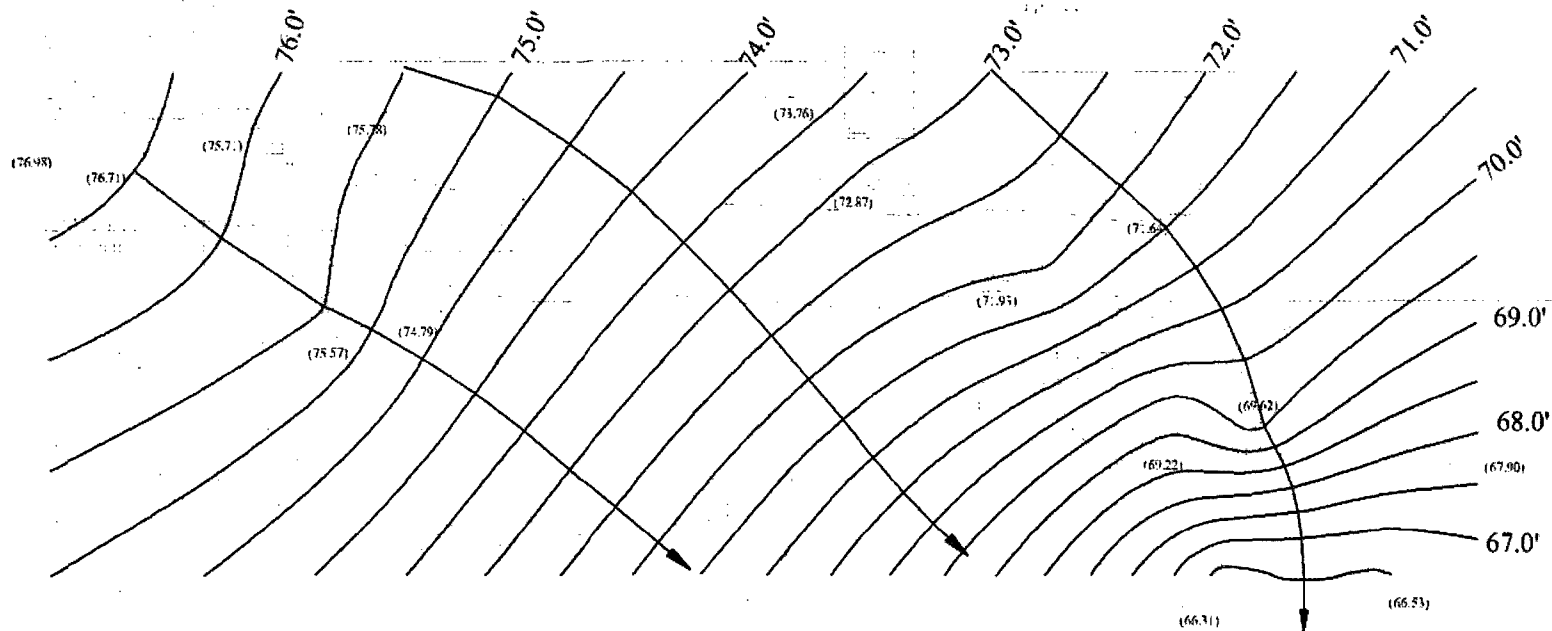
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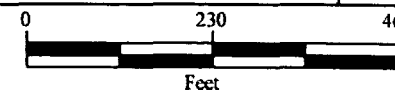
	Overhead Utilities	(73.84)	Groundwater Level
	Fence	73.0'	Groundwater Contour
	Monitoring Well		Approximate Direction of Groundwater Flow

Figure 25
Groundwater Contour Map - 07-08-03
Link Energy, LLC
Lea Station

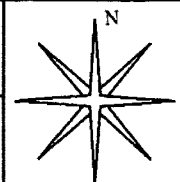
Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl

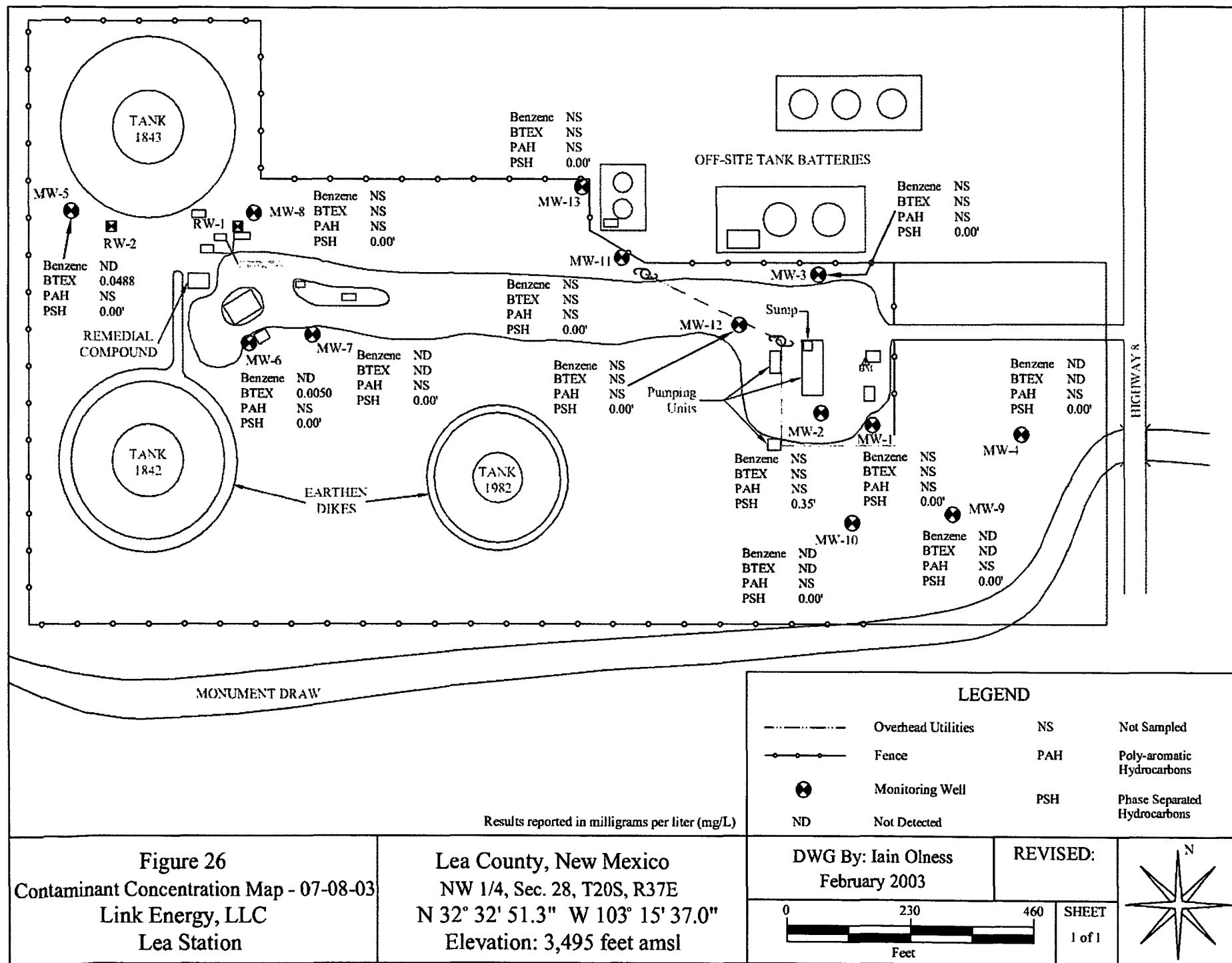
DWG By: Iain Olness
February 2004

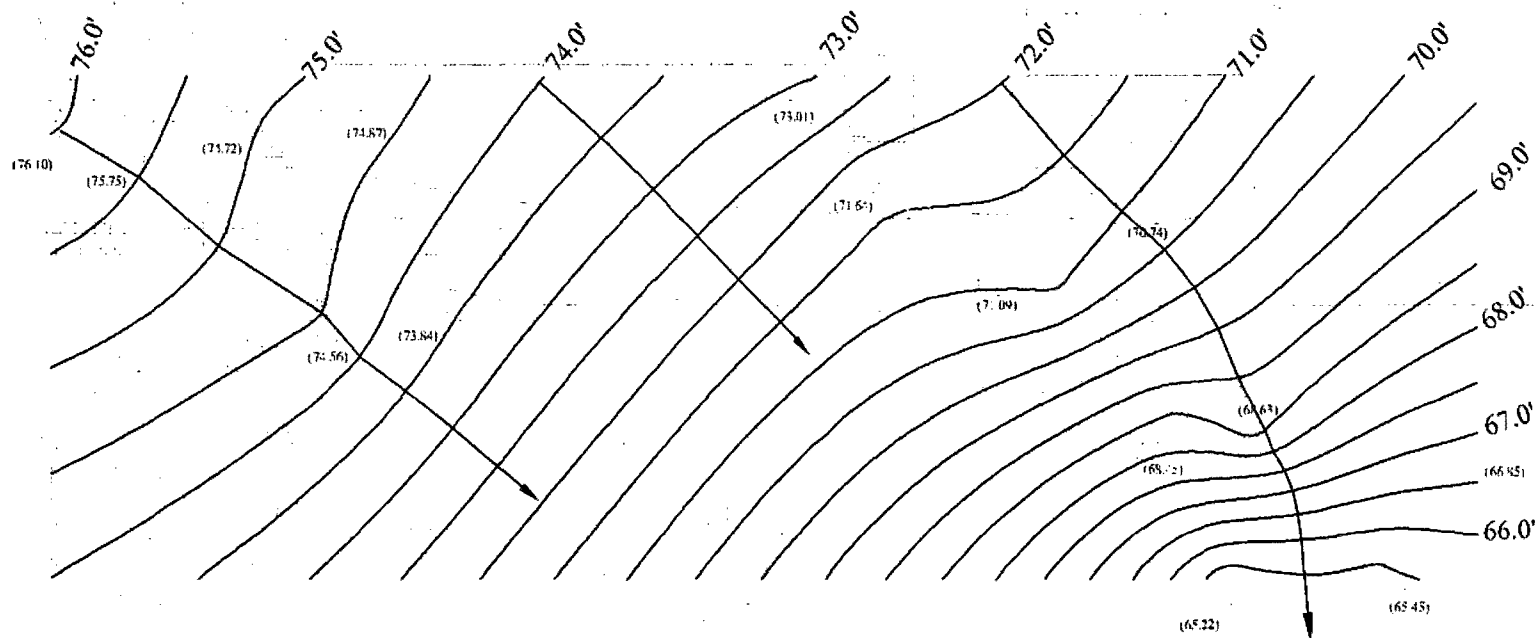
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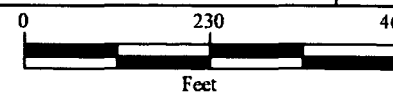
	Overhead Utilities	(73.84)	Groundwater Level
	Fence	73.0'	Groundwater Contour
	Monitoring Well		Approximate Direction of Groundwater Flow

Figure 27
Groundwater Contour Map - 12-18-03
Link Energy, LLC
Lea Station

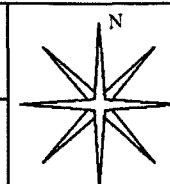
Lea County, New Mexico
NW 1/4, Sec. 28, T20S, R37E
N 32° 32' 51.3" W 103° 15' 37.0"
Elevation: 3,495 feet amsl

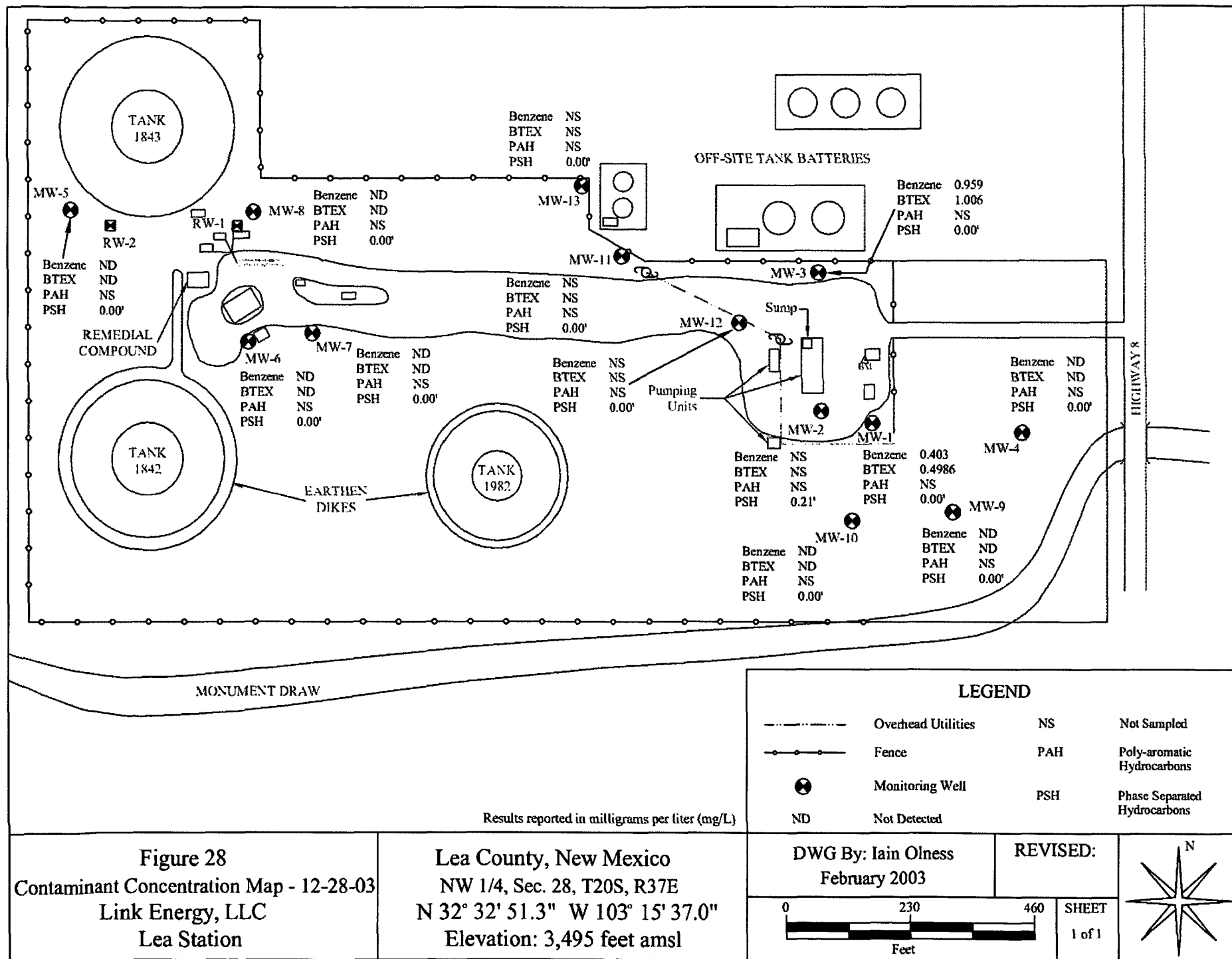
DWG By: Iain Olness
February 2004

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TABLES

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-1	10/17/95	98.88	100.73	32.52	33.16	68.15	0.64			
	02/07/96			30.39	30.39	70.34	0.00			
	04/03/96									
	06/12/96			30.22	30.22	70.51	0.00			
	06/20/96			31.35	31.35	69.38	0.00			
	06/27/96			31.51	31.51	69.22	0.00			
	07/05/96			30.67	30.67	70.06	0.00			
	07/18/96			30.69	30.69	70.04	0.00			
	08/01/96			30.86	30.86	69.87	0.00			
	10/02/96			28.06	28.06	72.67	0.00			
	10/09/97	98.88	100.73	31.73	31.73	69.00	0.00	0.25		Absorptive Boom
	11/08/97				31.73	69.00	0.00	0.10	12.96	Absorptive Boom/Hand Bail
	01/22/98			31.65	31.84	69.06	0.19		12.96	
	02/18/98			31.52	31.60	69.20	0.08		12.96	
	04/02/98			31.51	31.74	69.20	0.23	2.50	15.46	Absorptive Boom/Hand Bail
	05/05/98			31.31	31.37	69.41	0.06	2.50	17.96	Absorptive Boom/Hand Bail
	07/07/98			32.30	32.64	68.40	0.34	3.00	20.96	Absorptive Boom/Hand Bail
	10/02/98			31.81	32.25	68.88	0.44	2.00	22.96	Absorptive Boom/Hand Bail
	01/14/99			32.02	32.20	68.69	0.18	1.50	24.46	Absorptive Boom/Hand Bail
	04/15/99			31.57	31.98	69.12	0.41		24.46	
	07/13/99			31.10	31.55	69.59	0.45	1.50	25.96	Absorptive Boom/Hand Bail
	08/11/99			31.48	32.00	69.20	0.52	1.50	27.46	Absorptive Boom/Hand Bail
	09/22/99			31.68	31.90	69.03	0.22	0.25	27.71	Absorptive Boom/Hand Bail
	10/28/99			31.16	31.26	69.56	0.10	1.75	29.46	Absorptive Boom/Hand Bail
	11/23/99			31.16	31.26	69.56	0.10	0.25	29.71	Absorptive Boom
	12/17/99				31.29	69.44	0.00	0.25	29.96	Absorptive Boom
	01/13/00				31.30	69.43	0.00	0.25	30.21	Absorptive Boom
	02/15/00				31.33	69.40	0.00	0.25	29.46	Absorptive Boom
	03/31/00				31.41	69.32	0.00	0.25	30.46	Absorptive Boom
	04/27/00				31.32	69.41	0.00		30.46	Absorptive Boom
	05/31/00				31.73	69.00	0.00	0.25	30.71	Absorptive Boom
	06/30/00				31.47	69.26	0.00		30.71	Absorptive Boom
	07/13/00				30.53	70.20	0.00	0.25	30.96	Absorptive Boom
	08/30/00				31.40	69.33	0.00		30.96	Absorptive Boom
	09/21/00				31.82	68.91	0.00		30.96	Absorptive Boom
	10/03/00				31.95	68.78	0.00		30.96	Absorptive Boom

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-1 (cont.)	11/29/00			32.00	32.07	68.72	0.07	0.25	31.21	Absorptive Boom
	12/13/00				31.90	68.83	0.00	0.25	31.46	Absorptive Boom
	01/03/01				31.85	68.88	0.00	0.25	31.71	Absorptive Boom
	02/06/01				31.83	68.90	0.00	0.25	31.96	Absorptive Boom
	03/15/01				31.75	68.98	0.00	0.25	32.21	Absorptive Boom
	04/05/01				31.68	69.05	0.00	0.25	32.46	Absorptive Boom
	05/03/01				31.76	68.97	0.00	0.25	32.71	Absorptive Boom
	06/02/01				32.00	68.73	0.00	0.25	32.96	Absorptive Boom
	07/10/01			32.19	32.32	68.53	0.13	0.25	33.21	Absorptive Boom
	10/02/01			31.62	31.63	69.11	0.01	0.50	33.71	Absorptive Boom
	01/28/02				31.57	69.16	0.00	0.25	33.96	Absorptive Boom
	02/25/02				31.48	69.25	0.00	0.25	34.21	Absorptive Boom
	03/25/02				31.42	69.31	0.00	0.00	34.21	Absorptive Boom
	04/10/02				31.05	69.68	0.00	0.00	34.21	Absorptive Boom
	05/16/02				31.04	69.69	0.00	0.00	34.46	Absorptive Boom
	06/17/02				31.12	69.61	0.00	0.00	34.46	Absorptive Boom
	07/02/02				30.88	69.85	0.00	0.00	34.46	Absorptive Boom
	09/10/02				30.50	70.23	0.00	0.00	34.46	Absorptive Boom
	10/08/02				30.65	70.08	0.00	0.00	34.46	Absorptive Boom
	11/08/02				29.91	70.82	0.00	0.00	34.46	Absorptive Boom
	01/28/03				30.49	70.24	0.00	0.00	34.46	Absorptive Boom
	04/02/03				30.60	70.13	0.00	0.00	34.46	Absorptive Boom
	05/10/03									
	06/26/03				30.90	69.83	0.00	0.50	34.96	Absorptive Boom
	07/08/03				31.11	69.62	0.00	0.00	34.46	Absorptive Boom
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				32.10	68.63	0.00	0.00	34.46	Absorptive Boom
MW-2	10/17/95	100.78	102.37	31.89	32.04	70.47	0.15	0.00		
	02/07/96			31.14	31.38	71.21	0.24	0.00		
	04/03/96			30.96	31.29	71.38	0.33	0.00		
	06/12/96				31.32	71.05	0.00	0.00		
	06/20/96				32.25	70.12	0.00	0.00		
	06/27/96				31.33	71.04	0.00	0.00		

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-2 (cont.)	07/05/96	100.78	102.37		30.67	71.70	0.00	0.00		
	07/18/96				31.58	70.79	0.00	0.00		
	08/01/96				31.83	70.54	0.00	0.00		
	10/02/96			32.13	32.71	70.18	0.58	0.00		
	10/09/97				31.38	70.99	0.00	0.00		Absorptive Boom/Hand Bail
	11/08/97				31.56	70.81	0.00	0.05	10.25	Absorptive Boom/Hand Bail
	01/22/98			33.34	34.37	68.93	1.03	0.50	10.75	Absorptive Boom/Hand Bail
	02/18/98			33.15	34.14	69.12	0.99	0.50	11.25	Absorptive Boom/Hand Bail
	04/02/98			33.51	34.72	68.74	1.21	2.00	13.25	Absorptive Boom/Hand Bail
	05/05/98			33.26	34.28	69.01	1.02	2.00	15.25	Absorptive Boom/Hand Bail
	07/07/98			34.62	36.44	67.57	1.82	3.00	18.25	Absorptive Boom/Hand Bail
	10/02/98			31.81	33.13	70.43	1.32	2.00	20.25	Absorptive Boom/Hand Bail
	01/14/99			32.83	34.23	69.40	1.40		20.25	Absorptive Boom/Hand Bail
	04/15/99			32.36	34.20	69.83	1.84		20.25	
	07/13/99			31.88	34.30	70.25	2.42	4.00	24.25	Hand Bail
	08/11/99			32.27	34.70	69.86	2.43	3.50	27.75	Hand Bail
	09/22/99			32.32	34.14	69.87	1.82	2.50	30.25	Hand Bail
	10/28/99			31.98	33.30	70.26	1.32	2.00	32.25	Hand Bail
	11/23/99			31.93	33.28	70.31	1.35	2.00	34.25	Absorptive Boom/Hand Bail
	12/17/99			32.26	32.94	70.04	0.68	1.25	35.50	Absorptive Boom/Hand Bail
	01/13/00			32.31	33.20	69.97	0.89	1.50	37.00	Absorptive Boom/Hand Bail
	02/15/00			32.30	33.30	69.97	1.00	0.50	37.50	Absorptive Boom/Hand Bail
	03/31/00			32.28	33.73	69.95	1.45	1.00	38.50	Absorptive Boom/Hand Bail
	04/27/00			32.01	33.31	70.23	1.30	1.50	40.00	Absorptive Boom/Hand Bail
	05/31/00			32.49	34.48	69.68	1.99	3.00	43.00	Absorptive Boom/Hand Bail
	06/30/00			32.58	33.79	69.67	1.21	2.00	45.00	Absorptive Boom/Hand Bail
	07/13/00			32.61	33.69	69.65	1.08	1.50	46.50	Absorptive Boom/Hand Bail
	08/30/00			32.27	34.03	69.92	1.76	1.50	48.00	Hand Bail
	09/21/00			32.60	34.86	69.54	2.26	3.00	51.00	Hand Bail
	10/03/00			32.80	34.12	69.44	1.32	1.50	52.50	Hand Bail
	11/29/00			32.76	34.30	69.46	1.54	2.50	55.00	Hand Bail
	12/13/00			32.70	33.58	69.58	0.88	0.50	55.50	Absorptive Boom/Hand Bail
	01/03/01			32.68	33.33	69.63	0.65	0.50	56.00	Absorptive Boom/Hand Bail
	02/06/01			32.79	33.83	69.48	1.04	0.50	56.50	Absorptive Boom/Hand Bail
	03/15/01			32.85	33.91	69.41	1.06	0.50	57.00	Absorptive Boom/Hand Bail
	04/05/01			33.00	34.10	69.26	1.10	0.50	57.50	Absorptive Boom/Hand Bail

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-2 (cont.)	05/03/01			32.98	34.16	69.27	1.18	0.50	58.00	Absorptive Boom/Hand Bail
	06/02/01			32.91	34.86	69.27	1.95	0.50	58.50	Absorptive Boom/Hand Bail
	07/10/01			32.89	35.50	69.22	2.61	1.50	59.00	Absorptive Boom/Hand Bail
	10/02/01			32.69	34.52	69.50	1.83	1.50	59.50	Absorptive Boom/Hand Bail
	01/28/02			32.90	34.34	69.33	1.44	1.50	60.00	Absorptive Boom/Hand Bail
	02/25/02			32.80	34.14	69.44	1.34	1.00	60.00	Hand Bail
	03/25/02			32.29	33.99	69.91	1.70	1.50	61.00	Hand Bail
	04/10/02			31.83	33.72	70.35	1.89	0.00	60.00	Installed passive skimmer
	05/16/02			33.32	34.14	68.97	0.82	3.00	63.00	Skimmer
	06/17/02			32.80	33.70	69.48	0.90	1.50	62.50	Skimmer
	07/02/02			32.91	33.03	69.45	0.12	2.50	62.50	Skimmer
	09/10/02			32.65	34.29	69.56	1.64	0.50	63.50	Skimmer
	10/08/02			32.80	34.38	69.41	1.58	0.50	63.00	Skimmer
	11/08/02			32.20	34.25	69.97	2.05	0.50	63.00	Skimmer
	01/28/03			32.22	34.59	69.91	2.37	2.50	66.00	Skimmer
	04/02/03			32.12	33.16	70.15	1.04	5.50	71.50	Skimmer
	05/10/03			32.15	33.12	70.12	0.97	4.50	76.00	Skimmer
	06/26/03			32.16	34.06	70.02	1.90	3.00	79.00	Skimmer
	07/08/03			33.12	33.47	69.22	0.35	3.00	82.00	Skimmer
	08/20/03			33.20	33.41	69.15	0.21	2.50	84.50	Skimmer
	09/30/03			33.19	33.65	69.13	0.46	2.50	87.00	Skimmer
	10/31/03			33.25	33.41	69.10	0.16	2.50	89.50	Skimmer
	11/12/03			34.10	34.23	68.26	0.13	0.50	90.00	Skimmer
	12/18/03			33.90	34.11	68.45	0.21	0.41	90.41	Skimmer
MW-3	10/17/95	101.79	103.61		32.67	70.94	0.00	0.00		
	02/07/96				30.57	73.04	0.00	0.00		
	04/03/96				30.54	73.07	0.00	0.00		
	06/12/96							0.00		
	06/20/96							0.00		
	06/27/96							0.00		
	07/05/96							0.00		
	07/18/96				31.43	72.18	0.00	0.00		
	08/01/96							0.00		
	10/02/96				28.06	75.55	0.00	0.00		
	10/09/97				31.86	71.75	0.00	0.00		
	11/08/97	101.79	103.61					0.00		No PSH

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-3 (cont.)	01/22/98				32.21	71.40	0.00	0.00		
	02/18/98				32.08	71.53	0.00	0.00		
	04/02/98				32.00	71.61	0.00	0.00		
	05/05/98				31.98	71.63	0.00	0.00		
	07/07/98				32.70	70.91	0.00	0.00		
	10/02/98				33.06	70.55	0.00	0.00		
	01/14/99			32.58	32.65	71.02	0.07	0.50	0.50	Absorptive Boom
	04/15/99			32.36	32.56	71.23	0.20	0.50	1.00	Absorptive Boom
	07/13/99			31.94	32.19	71.65	0.25	0.50	1.50	Absorptive Boom
	08/11/99			32.26	32.54	71.32	0.28	0.50	2.00	Absorptive Boom
	09/22/99			32.49	32.61	71.11	0.12	0.25	2.25	Absorptive Boom
	10/28/99			32.10	32.12	71.51	0.02	0.25	2.50	Absorptive Boom
	11/23/99				31.92	71.69	0.00	0.25	2.75	Absorptive Boom
	12/17/99				31.94	71.67	0.00	0.25	3.00	Absorptive Boom
	01/13/00				31.96	71.65	0.00	0.25	3.25	Absorptive Boom
	02/15/00				32.00	71.61	0.00	0.25	2.00	Absorptive Boom
	03/31/00				32.10	71.51	0.00		3.25	Absorptive Boom
	04/27/00				31.98	71.63	0.00	0.25	3.50	PSH droplets present during purge
	05/31/00				32.43	71.18	0.00		3.50	Absorptive Boom
	06/30/00				32.65	70.96	0.00	0.25	3.75	Absorptive Boom
	07/13/00				32.23	71.38	0.00		3.75	Absorptive Boom
	08/30/00				32.49	71.12	0.00		3.75	Absorptive Boom
	09/21/00				32.83	70.78	0.00	0.25	4.00	Absorptive Boom
	10/03/00				32.85	70.76	0.00		4.00	Absorptive Boom
	11/29/00				32.81	70.80	0.00		4.00	Absorptive Boom
	12/13/00				32.74	70.87	0.00	0.25	4.25	Absorptive Boom
	01/03/01				32.57	71.04	0.00		4.25	Absorptive Boom
	02/06/01				32.65	70.96	0.00	0.25	4.50	Absorptive Boom
	03/15/01				32.58	71.03	0.00		4.50	Absorptive Boom
	04/05/01			32.50	32.61	71.10	0.11	0.25	4.75	Absorptive Boom
	05/03/01				32.68	70.93	0.00		4.75	Absorptive Boom
	06/02/01				32.92	70.69	0.00		4.75	Absorptive Boom
	07/10/01				33.45	70.16	0.00	0.25	5.00	Absorptive Boom
	10/02/01			33.14	33.43	70.44	0.29	0.25	5.25	Absorptive Boom
	01/28/02			32.43	32.75	71.15	0.32	0.25	5.50	Absorptive Boom
	02/25/02			32.51	32.59	71.09	0.08	0.25	5.75	Absorptive Boom

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-3 (cont.)	03/25/02				32.35	71.26	0.00	0.25	6.00	Absorptive Boom
	04/10/02				32.42	71.19	0.00	0.25	6.25	Absorptive Boom
	05/16/02				31.96	71.65	0.00	0.25	6.50	Absorptive Boom
	06/17/02				31.92	71.69	0.00	0.00	6.50	Absorptive Boom
	07/02/02				31.86	71.75	0.00	0.00	6.50	Absorptive Boom
	09/10/02				31.45	72.16	0.00	0.00	6.50	Absorptive Boom
	10/08/02				31.52	72.09	0.00	0.50	7.00	Absorptive Boom
	11/08/02				31.48	72.13	0.00	0.00	7.00	Absorptive Boom
	01/28/03				31.27	72.34	0.00	0.00	7.00	Absorptive Boom
	04/02/03				31.27	72.34	0.00	0.00	7.00	Absorptive Boom
	05/10/03									
	06/26/03									
	07/08/03				31.97	71.64	0.00	0.00	7.00	Absorptive Boom
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				32.87	70.74	0.00	0.00	7.00	Absorptive Boom
MW-4	10/17/95	93.80	96.08		27.20	68.88	0.00			
	02/07/96				26.82	69.26	0.00			
	04/03/96				26.88	69.20	0.00			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				27.54	68.54	0.00			
	08/01/96									
	10/02/96				28.06	68.02	0.00			
	10/09/97				28.94	67.14	0.00			
	11/08/97	93.80	96.08		Not Gauged					No PSH
	01/22/98				28.68	67.40	0.00			
	02/18/98				Not Gauged					
	04/02/98				28.52	67.56	0.00			
	05/05/98				28.51	67.57	0.00			
	07/07/98				29.05	67.03	0.00			
	10/02/98				29.42	66.66	0.00			

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-4 (cont.)	01/14/99				29.05	67.03	0.00			
	04/15/99				28.85	67.23	0.00			
	07/13/99				27.93	68.15	0.00			
	08/11/99				28.40	67.68	0.00			
	09/22/99				27.61	68.47	0.00			
	10/28/99				28.18	67.90	0.00			
	11/23/99				28.20	67.88	0.00			
	12/17/99				28.29	67.79	0.00			
	01/13/00				28.36	67.72	0.00			
	02/15/00				28.43	67.65	0.00			
	03/31/00				28.46	67.62	0.00			
	04/27/00				28.35	67.73	0.00			
	05/31/00				28.65	67.43	0.00			
	06/30/00				27.40	68.68	0.00			
	07/13/00				26.26	69.82	0.00			
	08/30/00				28.00	68.08	0.00			
	09/21/00				28.59	67.49	0.00			
	10/03/00				28.76	67.32	0.00			
	11/29/00				29.02	67.06	0.00			
	12/13/00				29.01	67.07	0.00			
	01/03/01				29.01	67.07	0.00			
	02/06/01				28.97	67.11	0.00			
	03/15/01				28.91	67.17	0.00			
	04/05/01				28.82	67.26	0.00			
	05/03/01				28.87	67.21	0.00			
	06/02/01				29.12	66.96	0.00			
	07/10/01				29.22	66.86	0.00			
	10/02/01				28.60	67.48	0.00			
	01/28/02				28.69	67.39	0.00			
	02/25/02				28.67	67.41	0.00			
	03/25/02				28.52	67.56	0.00			
	04/10/02				28.02	68.06	0.00			
	05/16/02				27.95	68.13	0.00			
	06/17/02				28.05	68.03	0.00			
	07/02/02				27.63	68.45	0.00			
	09/10/02				27.28	68.80	0.00			

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-4 (cont.)	10/08/02				27.62	68.46	0.00			
	11/08/02				27.02	69.06	0.00			
	01/28/03				27.56	68.52	0.00			
	04/02/03				27.68	68.40	0.00			
	05/10/03									
	06/26/03									
	07/08/03				28.18	67.90	0.00			
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				29.23	66.85	0.00			
MW-5	10/17/95	107.08	109.21	33.08	33.26	76.11	0.18			
	02/07/96				31.51	77.70	0.00			
	04/03/96				31.21	78.00	0.00			
	06/12/96				31.30	77.91	0.00			
	06/20/96				31.43	77.78	0.00			
	06/27/96				31.62	77.59	0.00			
	07/05/96				31.76	77.45	0.00			
	07/18/96				31.94	77.27	0.00			
	08/01/96				32.12	77.09	0.00			
	10/02/96				32.64	76.57	0.00			
	10/09/97				32.45	76.76	0.00			
	11/08/97	107.08	109.21						8.70	
	01/22/98			32.68	32.81	76.52	0.13	1.00	9.70	Absorptive Boom
	02/18/98				32.50	76.71	0.00	0.30	10.00	Sheen, Absorptive Boom
	04/02/98				32.24	76.97	0.00	0.10	10.10	Absorptive Boom
	05/05/98				32.19	77.02	0.00	0.10	10.20	Absorptive Boom
	07/07/98				33.10	76.11	0.00	0.25	10.45	Absorptive Boom
	10/02/98				33.57	75.64	0.00	0.25	10.70	Absorptive Boom
	01/14/99				32.85	76.36	0.00	0.25	10.95	Absorptive Boom
	04/15/99				32.59	76.62	0.00	0.25	11.20	Absorptive Boom
	07/13/99				32.26	76.95	0.00		11.20	Absorptive Boom
	08/11/99				32.71	76.50	0.00	0.25	11.45	Absorptive Boom
	09/22/99				32.74	76.47	0.00		11.45	Absorptive Boom
	10/28/99				32.41	76.80	0.00	0.25	11.70	Absorptive Boom

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

[illegible]

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-5 (cont.)	07/08/03				32.23	76.98	0.00		12.45	Absorptive Boom
	08/20/03 09/30/03 10/31/03 11/12/03 12/18/03				33.11	76.10	0.00		12.45	Absorptive Boom
MW-6	10/17/95	103.66	106.26		32.07	74.19	0.00			No PSH
	02/07/96			29.87	31.15	76.26	1.28			
	04/03/96			29.78	31.15	76.34	1.37			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				30.51	75.75	0.00			
	08/01/96									
	10/02/96				31.80	74.46	0.00			
	10/09/97				31.15	75.11	0.00			
	11/08/97	103.66	106.26							
	01/22/98				31.28	74.98	0.00			
	02/18/98				31.11	75.15	0.00			
	04/02/98				31.00	75.26	0.00			
	05/05/98				30.95	75.31	0.00			
	07/07/98				31.65	74.61	0.00			
	10/02/98				32.00	74.26	0.00			
	01/14/99				31.52	74.74	0.00			
	04/15/99				31.30	74.96	0.00			
	07/13/99				30.53	75.73	0.00			
	08/11/99				31.05	75.21	0.00			
	09/22/99				30.21	76.05	0.00			
	10/28/99				30.63	75.63	0.00			
	11/23/99				30.84	75.42	0.00			
	12/17/99				30.92	75.34	0.00			
	01/13/00				30.99	75.27	0.00			
	02/15/00				31.01	75.25	0.00			
	03/31/00				31.06	75.20	0.00			
	04/27/00				31.01	75.25	0.00			

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-6 (cont.)	05/31/00				32.13	74.13	0.00			
	06/30/00				31.24	75.02	0.00			
	07/13/00				30.37	75.89	0.00			
	08/30/00				31.18	75.08	0.00			
	09/21/00				31.68	74.58	0.00			
	10/03/00				31.85	74.41	0.00			
	11/29/00				31.68	74.58	0.00			
	12/13/00				31.62	74.64	0.00			
	01/03/01				31.58	74.68	0.00			
	02/06/01				31.52	74.74	0.00			
	03/15/01				31.45	74.81	0.00			
	04/05/01				31.30	74.96	0.00			
	05/03/01				31.38	74.88	0.00			
	06/02/01				31.63	74.63	0.00			
	07/10/01				31.94	74.32	0.00			
	10/02/01				31.41	74.85	0.00			
	01/28/02				31.22	75.04	0.00			
	02/25/02				31.84	74.42	0.00			
	03/25/02				31.13	75.13	0.00			
	04/10/02				30.79	75.47	0.00			
	05/16/02				30.66	75.60	0.00			
	06/17/02				30.57	75.69	0.00			
	07/02/02				30.70	75.56	0.00			
	09/10/02				30.12	76.14	0.00			
	10/08/02				30.36	75.90	0.00			
	11/08/02				30.16	76.10	0.00			
	01/28/03				30.25	76.01	0.00			
	04/02/03				30.17	76.09	0.00			
	05/10/03									
	06/26/03									
	07/08/03				30.69	75.57	0.00			
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				31.70	74.56	0.00			

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-7	10/17/95	104.34	106.27		32.20	74.07	0.00			No PSH
	02/07/96				30.50	75.77	0.00			
	04/03/96				30.40	75.87	0.00			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				31.24	75.03	0.00			
	08/01/96									
	10/02/96				31.80	74.47	0.00			
	10/09/97				31.40	74.87	0.00			
	11/08/97	104.34	106.27							
	01/22/98				31.97	74.30	0.00			
	02/18/98				31.78	74.49	0.00			
	04/02/98				31.66	74.61	0.00			
	05/05/98				31.61	74.66	0.00			
	07/07/98				32.40	73.87	0.00			
	10/02/98				32.75	73.52	0.00			
	01/14/99				32.21	74.06	0.00			
	04/15/99				32.00	74.27	0.00			
	07/13/99				31.50	74.77	0.00			
	08/11/99				31.95	74.32	0.00			
	09/22/99				31.85	74.42	0.00			
	10/28/99				31.55	74.72	0.00			
	11/23/99				31.62	74.65	0.00			
	12/17/99				31.67	74.60	0.00			
	01/13/00				31.69	74.58	0.00			
	02/15/00				31.70	74.57	0.00			
	03/31/00				31.74	74.53	0.00			
	04/27/00				31.69	74.58	0.00			
	05/31/00				32.13	74.14	0.00			
	06/30/00				32.25	74.02	0.00			
	07/13/00				31.69	74.58	0.00			
	08/30/00				32.12	74.15	0.00			
	09/21/00				32.55	73.72	0.00			
	10/03/00				32.69	73.58	0.00			

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-7 (cont.)	11/29/00				32.47	73.80	0.00			
	12/13/00				32.35	73.92	0.00			
	01/03/01				32.30	73.97	0.00			
	02/06/01				32.21	74.06	0.00			
	03/15/01				32.11	74.16	0.00			
	04/05/01				32.00	74.27	0.00			
	05/03/01				32.08	74.19	0.00			
	06/02/01				32.32	73.95	0.00			
	07/10/01				32.72	73.55	0.00			
	10/02/01				32.53	73.74	0.00			
	01/28/02				31.92	74.35	0.00			
	02/25/02				31.16	75.11	0.00			
	03/25/02				31.82	74.45	0.00			
	04/10/02				31.66	74.61	0.00			
	05/16/02				31.44	74.83	0.00			
	06/17/02				31.45	74.82	0.00			
	07/02/02				31.40	74.87	0.00			
	09/10/02				31.04	75.23	0.00			
	10/08/02				31.22	75.05	0.00			
	11/08/02				31.16	75.11	0.00			
	01/28/03				30.99	75.28	0.00			
	04/02/03				30.88	75.39	0.00			
	05/10/03									
	06/26/03									
	07/08/03				31.48	74.79	0.00			
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				32.43	73.84	0.00			
MW-8	10/17/95	105.52	107.44	31.62	33.22	75.66	1.60			
	02/07/96									
	04/03/96				30.37	77.07	0.00			
	06/12/96			30.29	30.35	77.14	0.06			
	06/20/96				30.63	76.81	0.00			
	06/27/96				30.77	76.67	0.00			

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-8 (cont.)	07/05/96	105.52	107.44		31.70	75.74	0.00			
	07/18/96				30.85	76.59	0.00			
	08/01/96				31.13	76.31	0.00			
	10/02/96				31.40	76.04	0.00			
	10/09/97				32.34	75.10	0.00			
	11/08/97				32.16	75.28	0.00		34.67	Absorptive Boom
	01/22/98				31.56	75.88	0.00	1.00	35.67	Absorptive Boom
	02/18/98				32.68	74.76	0.00	0.10	35.77	Absorptive Boom
	04/02/98		108.23		32.54	75.69	0.00	0.10	35.87	Absorptive Boom, Connected to SVE
	05/05/98				32.49	75.74	0.00	0.10	35.97	Absorptive Boom
	07/07/98				33.37	74.86	0.00	0.10	36.07	Absorptive Boom
	10/02/98				32.75	75.48	0.00	0.10	36.17	Absorptive Boom
	01/14/99				32.21	76.02	0.00		36.17	Absorptive Boom
	04/15/99				32.00	76.23	0.00		36.17	SVE System Activated
	07/13/99				31.50	76.73	0.00		36.17	SVE System
	08/11/99				31.95	76.28	0.00		36.17	SVE System
	09/22/99				31.85	76.38	0.00		36.17	SVE System
	10/28/99				31.55	76.68	0.00		36.17	SVE System
	11/23/99				31.62	76.61	0.00		36.17	SVE System
	12/17/99				31.65	76.58	0.00		36.17	SVE System
	01/13/00				32.57	75.66	0.00		36.17	SVE System
	02/15/00				31.51	76.72	0.00		36.17	SVE System
	03/31/00				32.60	75.63	0.00		36.17	SVE System
	04/27/00				32.52	75.71	0.00		36.17	PSH droplets present during purge
	05/31/00				33.02	75.21	0.00		36.17	SVE System down repaired on June 2
	06/30/00				33.10	75.13	0.00		36.17	SVE System down will repair
	07/13/00				32.58	75.65	0.00		36.17	SVE System repaired July 13
	08/30/00				33.10	75.13	0.00		36.17	SVE System
	09/21/00				33.50	74.73	0.00		36.17	SVE System
	10/03/00				33.63	74.60	0.00		36.17	SVE System
	11/29/00				33.07	75.16	0.00		36.17	SVE System
	12/13/00				33.22	75.01	0.00		36.17	SVE System
	01/03/01				33.18	75.05	0.00		36.17	SVE System
	02/06/01				33.05	75.18	0.00		36.17	SVE System
	03/15/01				32.91	75.32	0.00		36.17	SVE System
	04/05/01				32.80	75.43	0.00		36.17	SVE System

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-8 (cont.)	05/03/01				32.87	75.36	0.00		36.17	SVE System
	06/02/01				33.12	75.11	0.00		36.17	SVE System
	07/10/01				33.92	74.31	0.00		36.17	SVE System
	10/02/01				33.92	74.31	0.00		36.17	SVE System
	01/28/02				32.73	75.50	0.00		36.17	SVE System
	02/25/02				32.65	75.58	0.00		36.17	SVE System
	03/25/02				32.65	75.58	0.00		36.17	SVE System
	04/10/02				32.43	75.80	0.00		36.17	SVE System
	05/16/02				32.25	75.98	0.00		36.17	SVE System
	06/17/02				32.31	75.92	0.00		36.17	SVE System
	07/02/02				32.26	75.97	0.00		36.17	SVE System
	09/10/02				32.27	75.96	0.00		36.17	SVE System
	10/08/02				32.20	76.03	0.00		36.17	SVE System
	11/08/02				32.07	76.16	0.00		36.17	SVE System
	01/28/03				32.00	76.23	0.00		36.17	SVE System
	04/02/03				31.75	76.48	0.00		36.17	SVE System
	05/10/03									
	06/26/03									
	07/08/03				32.45	75.78	0.00		36.17	SVE System
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				33.36	74.87	0.00		36.17	SVE System
MW-9	10/17/95	93.76	97.21		31.14	66.07	0.00			
	02/07/96				28.76	68.45	0.00			
	04/03/96				28.82	68.39	0.00			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				29.65	67.56	0.00			
	08/01/96									
	10/02/96				30.16	67.05	0.00			
	10/09/97				30.19	67.02	0.00			
	11/08/97	93.76	97.21							No PSH

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-9 (cont.)	01/22/98				30.78	66.43	0.00			
	02/18/98									
	04/02/98				30.59	66.62	0.00			
	05/05/98				30.57	66.64	0.00			
	07/07/98				31.33	65.88	0.00			
	10/02/98				31.70	65.51	0.00			
	01/14/99				31.28	65.93	0.00			
	04/15/99				30.93	66.28	0.00			
	07/13/99				30.38	66.83	0.00			
	08/11/99				30.89	66.32	0.00			
	09/22/99				30.06	67.15	0.00			
	10/28/99				30.42	66.79	0.00			
	11/23/99				30.58	66.63	0.00			
	12/17/99				30.62	66.59	0.00			
	01/13/00				30.64	66.57	0.00			
	02/15/00				30.69	66.43	0.00			
	03/31/00				30.75	66.46	0.00			
	04/27/00				30.66	66.55	0.00			
	05/31/00				31.06	66.15	0.00			
	06/30/00				27.43	69.78	0.00			
	07/13/00				27.33	69.88	0.00			
	08/30/00									Well damaged by EPI, not able to access
	09/21/00									Well damaged by EPI, not able to access
	10/03/00									Well damaged by EPI, not able to access
	11/29/00									Well damaged by EPI, not able to access
	12/13/00									Well damaged by EPI, not able to access
	01/03/01									Well damaged by EPI, not able to access
	02/06/01									Well damaged by EPI, not able to access
	03/15/01									Well damaged by EPI, not able to access
	04/05/01		96.16		30.29	65.87	0.00			Well replaced by EPI.
	05/03/01				30.37	65.79	0.00			
	06/02/01				30.61	65.55	0.00			
	07/10/01				30.86	65.30	0.00			
	10/02/01				30.29	65.87	0.00			
	01/28/02				30.21	65.95	0.00			
	02/25/02				30.20	65.96	0.00			

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-9 (cont.)	03/25/02				30.10	66.06	0.00			
	04/10/02				29.70	66.46	0.00			
	05/16/02				29.51	66.65	0.00			
	06/17/02				29.65	66.51	0.00			
	07/02/02				29.36	66.80	0.00			
	09/10/02				28.83	67.33	0.00			
	10/08/02				29.13	67.03	0.00			
	11/08/02				28.65	67.51	0.00			
	01/28/03				28.96	67.20	0.00			
	04/02/03				29.07	67.09	0.00			
	05/10/03									
	06/26/03									
	07/08/03				29.63	66.53	0.00			
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				30.71	65.45	0.00			
MW-10	10/17/95	99.63	102.51		35.41	67.10	0.00			
	02/07/96				34.41	68.10	0.00			
	04/03/96				34.43	68.08	0.00			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				35.22	67.29	0.00			
	08/01/96									
	10/02/96				34.79	67.72	0.00			
	10/09/97				34.72	67.79	0.00			
	11/08/97	99.63	102.51							No PSH
	01/22/98				36.46	66.05	0.00			
	02/18/98									
	04/02/98				36.25	66.26	0.00			
	05/05/98				36.27	66.24	0.00			
	07/07/98				35.89	66.62	0.00			
	10/02/98				37.40	65.11	0.00			

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-10 (cont.)	01/14/99				37.04	65.47	0.00			
	04/15/99				36.76	65.75	0.00			
	07/13/99				36.28	66.23	0.00			
	08/11/99				36.70	65.81	0.00			
	09/22/99				36.86	65.65	0.00			
	10/28/99				36.35	66.16	0.00			
	11/23/99				36.39	66.12	0.00			
	12/17/99				36.42	66.09	0.00			
	01/13/00				36.42	66.09	0.00			
	02/15/00				36.44	66.07	0.00			
	03/31/00				36.47	66.04	0.00			
	04/27/00				36.42	66.09	0.00			
	05/31/00				36.90	65.61	0.00			
	06/30/00				36.51	66.00	0.00			
	07/13/00				35.40	67.11	0.00			
	08/30/00				36.34	66.17	0.00			
	09/21/00				36.81	65.70	0.00			
	10/03/00				36.96	65.55	0.00			
	11/29/00				37.15	65.36	0.00			
	12/13/00				37.04	65.47	0.00			
	01/03/01				37.08	65.43	0.00			
	02/06/01				36.98	65.53	0.00			
	03/15/01				36.90	65.61	0.00			
	04/05/01				36.83	65.68	0.00			
	05/03/01				36.90	65.61	0.00			
	06/02/01				37.14	65.37	0.00			
	07/10/01				37.44	65.07	0.00			
	10/02/01				37.05	65.46	0.00			
	01/28/02				36.82	65.69	0.00			
	02/25/02				36.37	66.14	0.00			
	03/25/02				36.63	65.88	0.00			
	04/10/02				36.30	66.21	0.00			
	05/16/02				36.16	66.35	0.00			
	06/17/02				36.26	66.25	0.00			
	07/02/02				36.02	66.49	0.00			
	09/10/02				35.47	67.04	0.00			

PSH droplets present during purge

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-10 (cont.)	10/08/02				35.72	66.79	0.00			
	11/08/02				35.29	67.22	0.00			
	01/28/03				35.58	66.93	0.00			
	04/02/03				35.63	66.88	0.00			
	05/10/03									
	06/26/03									
	07/08/03				36.20	66.31	0.00			
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				37.29	65.22	0.00			
MW-11	10/17/95	104.48	105.62	32.33	32.48	73.28	0.15			
	02/07/96			31.66	32.31	73.90	0.65			
	04/03/96			31.40	32.13	74.15	0.73			
	06/12/96			31.76	32.07	73.83	0.31			
	06/20/96			31.91	31.96	73.71	0.05			
	06/27/96				31.78	73.84	0.00			
	07/05/96				32.12	73.50	0.00			
	07/18/96				32.12	73.50	0.00			
	08/01/96				32.37	73.25	0.00			
	10/02/96			32.47	33.14	73.08	0.67			
	10/09/97				32.47	73.15	0.00			
	11/08/97	104.48	105.62		32.47	73.15	0.00		17.49	Absorptive Boom
	01/22/98				32.18	73.44	0.00		17.49	Absorptive Boom
	02/18/98			32.79	32.99	72.81	0.20	1.00	18.49	Absorptive Boom
	04/02/98			32.71	33.48	72.83	0.77	2.00	20.49	Absorptive Boom/Hand Bail
	05/05/98			32.56	33.71	72.95	1.15	2.50	22.99	Absorptive Boom/Hand Bail
	07/07/98			33.20	34.92	72.25	1.72	3.00	25.99	Absorptive Boom/Hand Bail
	10/02/98			33.00	33.75	72.55	0.75	1.50	27.49	Absorptive Boom/Hand Bail
	01/14/99			33.40	33.69	72.19	0.29		27.49	
	04/15/99			32.85	33.53	72.70	0.68		27.49	
	07/13/99			32.43	34.20	73.01	1.77	3.00	30.49	Hand Bail
	08/11/99			32.73	34.89	72.67	2.16	3.50	33.99	Hand Bail
	09/22/99			32.85	33.77	72.68	0.92	0.50	34.49	Absorptive Boom/Hand Bail
	10/28/99			32.78	33.27	72.79	0.49	0.25	34.74	Absorptive Boom/Hand Bail

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-11 (cont.)	11/23/99			32.60	33.53	72.93	0.93	1.00	35.74	Absorptive Boom/Hand Bail
	12/17/99			32.70	33.26	72.86	0.56	1.00	36.74	Absorptive Boom/Hand Bail
	01/13/00			32.70	33.26	72.86	0.56	0.25	36.99	Absorptive Boom/Hand Bail
	02/15/00			32.73	33.55	72.81	0.82	0.50	37.49	Absorptive Boom/Hand Bail
	03/31/00			32.84	33.73	72.69	0.89	0.50	37.99	Absorptive Boom/Hand Bail
	04/27/00			32.52	33.35	73.02	0.83	0.50	38.49	Absorptive Boom/Hand Bail
	05/31/00			33.12	34.33	72.38	1.21	1.00	39.49	Absorptive Boom/Hand Bail
	06/30/00			33.51	33.81	72.08	0.30	0.25	39.74	Absorptive Boom/Hand Bail
	07/13/00				33.24	72.38	0.00	0.25	39.99	Absorptive Boom
	08/30/00				33.43	72.19	0.00	0.25	40.24	Absorptive Boom
	09/21/00				33.75	71.87	0.00	0.25	40.49	Absorptive Boom
	10/03/00				33.73	71.89	0.00	0.00	40.49	Absorptive Boom
	11/29/00				33.55	72.07	0.00	0.25	40.74	Absorptive Boom
	12/13/00				33.30	72.32	0.00	0.00	40.74	Absorptive Boom
	01/03/01				33.28	72.34	0.00	0.00	40.74	Absorptive Boom
	02/06/01				33.26	72.36	0.00	0.25	40.99	Absorptive Boom
	03/15/01				33.20	72.42	0.00	0.25	41.24	Absorptive Boom
	04/05/01				33.10	72.52	0.00	0.25	41.49	Absorptive Boom
	05/03/01				33.17	72.45	0.00	0.25	41.74	Absorptive Boom
	06/02/01				33.40	72.22	0.00	0.25	41.99	Absorptive Boom
	07/10/01			33.94	34.08	71.67	0.14	0.25	41.99	Absorptive Boom
	10/02/01			33.93	33.94	71.69	0.01	0.25	42.24	Absorptive Boom
	01/28/02			33.10	33.13	72.52	0.03	0.25	42.24	Absorptive Boom
	02/25/02				32.97	72.65	0.00	0.25	42.49	Absorptive Boom
	03/25/02				32.94	72.68	0.00	0.25	42.49	Absorptive Boom
	04/10/02				32.83	72.79	0.00	0.25	42.74	Absorptive Boom
	05/16/02			32.69	32.75	72.92	0.06	0.25	42.74	Absorptive Boom
	06/17/02			32.71	32.95	72.89	0.24	0.25	42.99	Absorptive Boom
	07/02/02			32.61	32.72	73.00	0.11	0.25	42.99	Absorptive Boom
	09/10/02			33.12	33.22	72.49	0.10	0.00	42.99	Absorptive Boom
	10/08/02			33.09	33.38	72.50	0.29	0.50	43.49	Skimmer
	11/08/02			33.45	33.61	72.15	0.16	0.50	43.49	
	01/28/03			32.67	32.76	72.94	0.09	0.50	43.99	
	04/02/03				32.13	73.49	0.00	0.00	43.99	
	05/10/03				32.21	73.41	0.00	0.50	44.49	Absorptive Boom
	06/26/03				32.41	73.21	0.00	0.50	44.99	Absorptive Boom

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-11 (cont.)	07/08/03				32.75	72.87	0.00	0.25	45.24	Absorptive Boom
	08/20/03				32.77	72.85	0.00	0.25	45.49	Absorptive Boom
	09/30/03									
	10/31/03				32.88	72.74	0.00	0.25	45.74	Absorptive Boom
	11/12/03									
	12/17/03				33.98	71.64	0.00	0.25	45.99	Absorptive Boom
MW-12	10/17/95	Not Surveyed	103.90		32.41	71.49	0.00			No PSH
	02/07/96				31.00	72.90	0.00			
	04/03/96				30.91	72.99	0.00			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				31.70	72.20	0.00			
	08/01/96									
	10/02/96				32.20	71.70	0.00			
	10/09/97				32.29	71.61	0.00			
	11/08/97	Not Surveyed	103.90							
	01/22/98				32.62	71.28	0.00			
	02/18/98				32.48	71.42	0.00			
	04/02/98				32.25	71.65	0.00			
	05/05/98				32.42	71.48	0.00			
	07/07/98				33.33	70.57	0.00			
	10/02/98				33.34	70.56	0.00			
	01/14/99				32.68	71.22	0.00			
	04/15/99				32.42	71.48	0.00			
	07/13/99				32.29	71.61	0.00			
	08/11/99				32.62	71.28	0.00			
	09/22/99				32.50	71.40	0.00			
	10/28/99				32.06	71.84	0.00			
	11/23/99				32.04	71.86	0.00			
	12/17/99				30.05	73.85	0.00			
	01/13/00				32.03	71.87	0.00			
	02/15/00				32.05	71.85	0.00			
	03/31/00				32.06	71.84	0.00			
	04/27/00				32.02	71.88	0.00			

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-12 (cont.)	05/31/00				32.66	71.24	0.00			
	06/30/00				32.66	71.24	0.00			
	07/13/00				32.16	71.74	0.00			
	08/30/00				32.48	71.42	0.00			
	09/21/00				32.85	71.05	0.00			
	10/03/00				32.95	70.95	0.00			
	11/29/00				32.74	71.16	0.00			
	12/13/00				32.63	71.27	0.00			
	01/03/01				32.56	71.34	0.00			
	02/06/01				32.48	71.42	0.00			
	03/15/01				32.38	71.52	0.00			
	04/05/01				32.27	71.63	0.00			
	05/03/01				32.33	71.57	0.00			
	06/02/01				32.55	71.35	0.00			
	07/10/01				33.11	70.79	0.00			
	10/02/01				32.99	70.91	0.00			
	01/28/02				32.24	71.66	0.00			
	02/25/02				32.17	71.73	0.00			
	03/25/02				32.14	71.76	0.00			
	04/10/02				32.01	71.89	0.00			
	05/16/02				32.09	71.81	0.00			
	06/17/02				32.01	71.89	0.00			
	07/02/02				31.94	71.96	0.00			
	09/10/02				31.48	72.42	0.00			
	10/08/02				31.60	72.30	0.00			
	11/08/02				31.52	72.38	0.00			
	01/28/03				31.27	72.63	0.00			
	04/02/03				31.25	72.65	0.00			
	05/10/03									
	06/26/03									
	07/08/03				31.97	71.93	0.00			
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				32.81	71.09	0.00			

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-13	10/17/95	Not Surveyed	103.89		32.61	71.28	0.00			No PSH
	02/07/96				28.75	75.14	0.00			
	04/03/96				28.61	75.28	0.00			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96				29.69	74.20	0.00			
	08/01/96									
	10/02/96				31.21	72.68	0.00			
	10/09/97				30.61	73.28	0.00			
	11/08/97	Not Surveyed	103.89							
	01/22/98				30.25	73.64	0.00			
	02/18/98				30.11	73.78	0.00			
	04/02/98				29.99	73.90	0.00			
	05/05/98				29.99	73.90	0.00			
	07/07/98				30.99	72.90	0.00			
	10/02/98				31.27	72.62	0.00			
	01/14/99				30.60	73.29	0.00			
	04/15/99				30.35	73.54	0.00			
	07/13/99				30.21	73.68	0.00			
	08/11/99				30.58	73.31	0.00			
	09/22/99				30.37	73.52	0.00			
	10/28/99				30.10	73.79	0.00			
	11/23/99				30.06	73.83	0.00			
	12/17/99				28.58	75.31	0.00			
	01/13/00				30.05	73.84	0.00			
	02/15/00				30.03	73.86	0.00			
	03/31/00				30.06	73.83	0.00			
	04/27/00				30.02	73.87	0.00			
	05/31/00				30.66	73.23	0.00			
	06/30/00				30.76	73.13	0.00			
	07/13/00				30.33	73.56	0.00			
	08/30/00				30.80	73.09	0.00			
	09/21/00				31.14	72.75	0.00			
	10/03/00				31.23	72.66	0.00			

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

[illegible]

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-1 (cont.)	07/05/96	Not Surveyed	106.40							
	07/18/96				28.25	78.15	0.00			
	08/01/96				28.47	77.93	0.00			
	10/02/96									
	10/09/97				27.37	79.03	0.00			
	11/08/97									SVE System
	01/22/98				27.37	79.03	0.00			SVE System
	02/18/98				30.87	75.53	0.00			SVE System
	04/02/98				30.78	75.62	0.00			
	05/05/98				30.68	75.72	0.00			
	07/07/98			31.54	31.82	74.83	0.28			
	10/02/98			31.85	32.01	74.53	0.16			
	01/14/99			31.18	31.20	75.22	0.02			
	04/15/99			31.05	31.07	75.35	0.02			SVE System Activated
	07/13/99				30.16	76.24	0.00			SVE System
	08/11/99				31.09	75.31	0.00			SVE System
	09/22/99				29.73	76.67	0.00			SVE System
	10/28/99				30.69	75.71	0.00			SVE System
	11/23/99				30.72	75.68	0.00			SVE System
	12/17/99				28.58	77.82	0.00			SVE System
	01/13/00				30.80	75.60	0.00			SVE System
	02/15/00				28.03	78.37	0.00			SVE System
	03/31/00				30.82	75.58	0.00			SVE System
	04/27/00				30.74	75.66	0.00			SVE System
	05/31/00				31.22	75.18	0.00			SVE System down/Repaired on June 2
	06/30/00				31.30	75.10	0.00			SVE System down will repair
	07/13/00				30.79	75.61	0.00			SVE System repaired July 13
	08/30/00				30.69	75.71	0.00			SVE System
	09/21/00				31.72	74.68	0.00			SVE System
	10/03/00				31.85	74.55	0.00			SVE System
	11/29/00				32.09	74.31	0.00			SVE System
	12/13/00				32.22	74.18	0.00			SVE System
	01/03/01				31.40	75.00	0.00			SVE System
	02/06/01				31.42	74.98	0.00			SVE System
	03/15/01				31.24	75.16	0.00			SVE System
	04/05/01				31.00	75.40	0.00			SVE System

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-1 (cont.)	05/03/01				31.09	75.31	0.00			SVE System
	06/02/01				31.33	75.07	0.00			SVE System
	07/10/01				32.00	74.40	0.00			SVE System
	10/02/01				31.94	74.46	0.00			SVE System
	01/28/02				30.96	75.44	0.00			SVE System
	02/25/02				30.89	75.51	0.00			SVE System
	03/25/02				30.90	75.50	0.00			SVE System
	04/10/02				30.68	75.72	0.00			SVE System
	05/16/02				30.49	75.91	0.00			SVE System
	06/17/02				30.56	75.84	0.00			SVE System
	07/02/02				30.51	75.89	0.00			SVE System
	09/10/02				30.65	75.75	0.00			SVE System
	10/08/02				30.43	75.97	0.00			SVE System
	11/08/02				30.31	76.09	0.00			SVE System
	01/28/03				30.16	76.24	0.00			SVE System
	04/02/03				30.00	76.40	0.00			SVE System
	05/10/03									
	06/26/03									
	07/08/03				30.69	75.71	0.00			SVE System
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				31.68	74.72	0.00			SVE System
RW-2	10/17/95	Not Surveyed	106.65							
	02/07/96									
	04/03/96			28.75	28.93	77.88	0.18			
	06/12/96									
	06/20/96									
	06/27/96									
	07/05/96									
	07/18/96			29.66	29.81	76.98	0.15			
	08/01/96				30.14	76.51	0.00			
	10/02/96			29.60	29.80	77.03	0.20			
	10/09/97			29.60	29.80	77.03	0.20			
	11/08/97	Not Surveyed	106.65							SVE System

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-2 (cont.)	01/22/98			29.60	29.80	77.03	0.20			SVE System
	02/18/98				30.12	76.53	0.00			SVE System
	04/02/98			30.02	30.11	76.62	0.09			
	05/05/98			30.08	30.11	76.57	0.03			
	07/07/98			30.85	31.10	75.78	0.25			
	10/02/98			31.49	31.52	75.16	0.03			
	01/14/99			30.62	30.75	76.02	0.13			
	04/15/99			30.34	30.55	76.29	0.21			SVE System Activated
	07/13/99				29.70	76.95	0.00			SVE System
	08/11/99			28.54	28.55	78.11	0.01			SVE System
	09/22/99			30.47	30.48	76.18	0.01			SVE System
	10/28/99			30.10	30.11	76.55	0.01			SVE System
	11/23/99				28.82	77.83	0.00			SVE System
	12/17/99				30.10	76.55	0.00			SVE System
	01/13/00				23.72	82.93	0.00			SVE System
	02/15/00				30.09	76.56	0.00			SVE System
	03/31/00				30.12	76.53	0.00			SVE System
	04/27/00			30.03	30.04	76.62	0.01			SVE System
	05/31/00			30.50	30.51	76.15	0.01			SVE System down/Repaired on June 2
	06/30/00			30.41	30.50	76.23	0.09			SVE System down placed boom in well
	07/13/00				30.42	76.23	0.00			SVE System repaired July 13
	08/30/00				31.31	75.34	0.00			SVE System
	09/21/00			31.09	31.11	75.56	0.02			SVE System
	10/03/00			31.23	31.25	75.42	0.02			SVE System
	11/29/00			30.93	30.98	75.72	0.05			SVE System
	12/13/00				31.03	75.62	0.00			SVE System
	01/03/01			31.04	31.09	75.61	0.05			SVE System
	02/06/01				30.55	76.10	0.00			SVE System
	03/15/01				30.41	76.24	0.00			SVE System
	04/05/01				30.30	76.35	0.00			SVE System
	05/03/01				30.38	76.27	0.00			SVE System
	06/02/01				30.62	76.03	0.00			SVE System
	07/10/01			31.99	32.00	74.66	0.01			SVE System
	10/02/01			31.02	31.10	75.62	0.08			SVE System
	01/28/02			30.23	30.25	76.42	0.02			SVE System
	02/25/02				33.48	73.17	0.00			SVE System

TABLE 1
LEA STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	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)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
RW-2 (cont.)	03/25/02				33.17	73.48	0.00			SVE System
	04/10/02				29.99	76.66	0.00			SVE System
	05/16/02				32.97	73.68	0.00			SVE System
	06/17/02				29.80	76.85	0.00			SVE System
	07/02/02				29.75	76.90	0.00			SVE System
	09/10/02				29.60	77.05	0.00			SVE System
	10/08/02				29.73	76.92	0.00			SVE System
	11/08/02				29.64	77.01	0.00			SVE System
	01/28/03				29.51	77.14	0.00			SVE System
	04/02/03				29.34	77.31	0.00			SVE System
	05/10/03									
	06/26/03									
	07/08/03				29.94	76.71	0.00			SVE System
	08/20/03									
	09/30/03									
	10/31/03									
	11/12/03									
	12/18/03				30.90	75.75	0.00			SVE System

* Measured from a relative datum (benchmark = 100 feet).

** Correction Equation for Phase-Separated Hydrocarbons: Corrected Groundwater Elevation = Top of Casing Elevation - [Depth to Water Below Top of Casing - (SG)(PSH Thickness)].
Specific Gravity (SG) = 0.9 for crude oil.

Note 1: Total recovery: 226.48 gallons by manual means.

Note 2: The SVE System blower failed on 3/12/98. The system was reactivated on 4/15/99.

Table 2
LEA STATION
WATER SAMPLE ANALYTICAL RESULTS

Monitor Well	Date Sampled	BTEX					PAH					
		Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	1-Methyl-naphthene (mg/L)	2-Methyl-naphthene (mg/L)	Napthlene (mg/L)	Total Napthlenes (mg/L)	Benzo(a) pyrene (mg/L)	
MW-1	10/17/95	PSH	PSH	PSH	PSH	PSH						
	02/07/96	PSH	PSH	PSH	PSH	PSH						
	04/03/96	NS	NS	NS	NS	NS						
	07/18/96	NS	NS	NS	NS	NS						
	10/02/96	0.29	<0.003	0.12	<0.003	0.41						
	10/09/97	NS	NS	NS	NS	NS						
	01/22/98	NS	NS	NS	NS	NS						
	05/05/98	NS	NS	NS	NS	NS						
	07/08/98	NS	NS	NS	NS	NS						
	10/02/98	NS	NS	NS	NS	NS						
	01/14/99	NS	NS	NS	NS	NS						
	04/15/99	NS	NS	NS	NS	NS						
	01/13/00	NS	NS	NS	NS	NS						
	04/28/00	NS	NS	NS	NS	NS						
	10/06/00	NS	NS	NS	NS	NS						
	01/03/01	NS	NS	NS	NS	NS						
	04/05/01	NS	NS	NS	NS	NS						
	07/10/01	NS	NS	NS	NS	NS						
	10/03/01	NS	NS	NS	NS	NS						
	01/28/02	NS	NS	NS	NS	NS						
	04/10/02	NS	NS	NS	NS	NS						
	07/02/02	NS	NS	NS	NS	NS						
	10/08/02	NS	NS	NS	NS	NS						
	01/29/03	NS	NS	NS	NS	NS						
	04/02/03	0.372	ND	0.0981	0.0403	0.5104						
	07/08/03	NS	NS	NS	NS	NS						
	12/18/03	0.403	ND	0.0758	0.0198	0.4986						
MW-2	10/17/95	PSH	PSH	PSH	PSH	PSH						
	02/07/96	PSH	PSH	PSH	PSH	PSH						
	04/03/96	PSH	PSH	PSH	PSH	PSH						
	07/18/96	PSH	PSH	PSH	PSH	PSH						
	10/02/96	PSH	PSH	PSH	PSH	PSH						
	10/09/97	NS	NS	NS	NS	NS						
	01/22/98	NS	NS	NS	NS	NS						
	05/05/98	NS	NS	NS	NS	NS						
	07/08/98	NS	NS	NS	NS	NS						
	10/02/98	NS	NS	NS	NS	NS						
	01/14/99	NS	NS	NS	NS	NS						
	04/15/99	NS	NS	NS	NS	NS						
	01/13/00	NS	NS	NS	NS	NS						

Table 2
LEA STATION
WATER SAMPLE ANALYTICAL RESULTS

Monitor Well	Date Sampled	BTEX					PAH					
		Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	1-Methyl-naphthene (mg/L)	2-Methyl-naphthene (mg/L)	Napthlene (mg/L)	Total Napthlenes (mg/L)	Benzo(a) pyrene (mg/L)	
MW-2 (cont.)	04/28/00	NS	NS	NS	NS	NS						
	10/06/00	NS	NS	NS	NS	NS						
	01/03/01	NS	NS	NS	NS	NS						
	04/05/01	NS	NS	NS	NS	NS						
	07/10/01	NS	NS	NS	NS	NS						
	10/03/01	NS	NS	NS	NS	NS						
	01/28/02	PSH	PSH	PSH	PSH	PSH						
	04/10/02	PSH	PSH	PSH	PSH	PSH						
	07/02/02	PSH	PSH	PSH	PSH	PSH						
	10/08/02	PSH	PSH	PSH	PSH	PSH						
	01/29/03	PSH	PSH	PSH	PSH	PSH						
	04/02/03	PSH	PSH	PSH	PSH	PSH						
	07/08/03	PSH	PSH	PSH	PSH	PSH						
	12/18/03	PSH	PSH	PSH	PSH	PSH						
MW-3	02/16/93	2.500	0.010	0.370	0.640	3.520						
	10/17/95	2.000	ND	0.120	0.120	2.240						
	10/02/96	1.900	ND	0.320	ND	2.220						
	04/10/97	1.000	ND	0.290	ND	1.290						
	10/09/97	1.500	ND	0.280	0.028	1.808						
	05/05/98	1.200	ND	0.130	0.012	1.342						
	04/15/99	PSH	PSH	PSH	PSH	PSH						
	04/28/00	2.800	ND	0.190	ND	2.990						
	04/10/02	1.470	0.006	0.341	0.399	2.220						
	01/29/03	NS	NS	NS	NS	NS						
	04/02/03	1.540	ND	0.213	0.0815	1.835						
	07/08/03	NS	NS	NS	NS	NS						
	12/18/03	0.959	ND	0.039	0.0072	1.006						
MW-4	02/16/93	ND	ND	ND	ND	ND						
	10/17/95	ND	ND	ND	ND	ND						
	02/07/96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/03/96	ND	ND	ND	ND	ND						
	07/18/96	ND	ND	ND	ND	ND						
	10/02/96	ND	ND	ND	ND	ND						
	01/22/97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/97	ND	ND	ND	ND	ND						
	07/16/97	ND	ND	ND	ND	ND						
	10/09/97	ND	ND	ND	ND	ND						
	01/22/98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/05/98	ND	ND	ND	ND	ND						
	07/08/98	ND	ND	ND	ND	ND						

Table 2
LEA STATION
WATER SAMPLE ANALYTICAL RESULTS

Monitor Well	Date Sampled	BTEX					PAH					Fluorene (mg/L)
		Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	1-Methyl-naphthene (mg/L)	2-Methyl-naphthene (mg/L)	Napthlene (mg/L)	Total Napthlenes (mg/L)	Benzo(a) pyrene (mg/L)	
MW-4 (cont.)	10/02/98	ND	ND	ND	ND	ND						
	01/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/15/99	ND	ND	ND	ND	ND						
	07/13/99	ND	ND	ND	ND	ND						
	10/13/99	ND	ND	ND	ND	ND						
	01/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/29/00	ND	ND	ND	ND	ND						
	07/12/00	ND	ND	ND	ND	ND						
	10/03/00	ND	ND	ND	ND	ND						
	01/03/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/05/01	0.006	ND	ND	ND	0.006						
	07/10/01	ND	ND	ND	ND	ND						
	10/02/01	ND	ND	ND	ND	ND						
	01/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/02	ND	ND	ND	ND	ND						
	07/02/02	ND	ND	ND	ND	ND						
	10/08/02	ND	ND	ND	ND	ND						
	01/29/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/02/03	ND	ND	ND	ND	ND						
	07/08/03	ND	ND	ND	ND	ND						
	12/18/03	ND	ND	ND	ND	ND						
MW-5	02/16/93	ND	ND	0.002	0.004	0.006						
	10/17/95	PSH	PSH	PSH	PSH	PSH						
	02/07/96	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH
	04/03/96	PSH	PSH	PSH	PSH	PSH						
	07/18/96	PSH	PSH	PSH	PSH	PSH						
	10/02/96	0.002	ND	0.010	0.006	0.018						
	01/22/97	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH
	04/10/97	0.001	ND	0.012	0.005	0.018						
	07/16/97	0.001	ND	0.010	0.011	0.022						
	10/09/97	0.001	ND	0.006	0.001	0.008						
	01/22/98	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH
	05/05/98	0.002	ND	0.010	0.008	0.020						
	07/08/98	ND	ND	0.003	0.002	0.005						
	10/02/98	ND	ND	0.002	0.003	0.005						
	01/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/15/99	ND	ND	0.007	0.004	0.011						
	07/13/99	ND	ND	0.010	0.015	0.025						
	10/13/99	ND	ND	0.005	0.002	0.007						
	01/13/00	ND	ND	0.002	ND	0.002	0.002	0.001	ND	0.003	ND	ND

Table 2
LEA STATION
WATER SAMPLE ANALYTICAL RESULTS

Monitor Well	Date Sampled	BTEX					PAH					Fluorene (mg/L)
		Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	1-Methyl-napthlene (mg/L)	2-Methyl-napthlene (mg/L)	Napthlene (mg/L)	Total Napthlenes (mg/L)	Benzo(a) pyrene (mg/L)	
MW-5 (cont.)	04/28/00	ND	ND	0.003	ND	0.003						
	07/12/00	ND	ND	ND	ND	ND						
	10/06/00	ND	ND	ND	ND	ND						
	01/03/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/05/01	ND	ND	ND	ND	ND						
	07/10/01	ND	ND	ND	ND	ND						
	10/02/01	ND	ND	ND	ND	ND						
	01/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/02	ND	ND	ND	ND	ND						
	07/02/02	ND	ND	ND	ND	ND						
	10/08/02	ND	ND	ND	ND	ND						
	01/29/03	0.0067	ND	ND	ND	0.0067	ND	ND	ND	ND	ND	ND
	04/02/03	ND	ND	ND	ND	ND						
	07/08/03	ND	ND	ND	0.0488	0.0488						
	12/18/03	ND	ND	ND	ND	ND						
MW-6	02/16/93	0.002	0.001	ND	0.091	0.094						
	10/17/95	ND	0.002	0.021	0.021	0.044						
	02/07/96	ND	ND	0.002	0.009	0.011	ND	ND	ND	ND	ND	ND
	04/03/96	ND	ND	0.004	0.004	0.008						
	07/18/96	ND	0.003	ND	ND	0.003						
	10/02/96	ND	ND	ND	ND	ND						
	01/22/97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/97	ND	ND	ND	ND	ND						
	07/16/97	0.001	0.001	0.001	ND	0.003						
	10/09/97	ND	0.002	0.005	0.006	0.013						
	01/22/98	0.007	ND	ND	ND	0.007	0.004	0.002	0.006	0.012	ND	ND
	05/05/98	0.001	ND	0.001	0.010	0.012						
	07/08/98	ND	ND	ND	ND	ND						
	10/02/98	ND	ND	ND	ND	ND						
	01/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/15/99	ND	ND	ND	ND	ND						
	07/13/99	ND	ND	0.008	0.005	0.013						
	10/13/99	ND	ND	0.004	0.006	0.010						
	01/13/00	ND	ND	0.002	ND	0.002	0.002	ND	ND	0.002	ND	ND
	04/28/00	ND	ND	0.002	ND	0.002						
	07/12/00	0.001	0.001	0.006	0.003	0.011						
	10/06/00	ND	ND	ND	ND	ND						
	01/03/01	ND	ND	ND	ND	ND	0.017	ND	ND	0.017	ND	ND
	04/04/01	0.007	ND	0.013	0.033	0.053						
	07/10/01	ND	ND	ND	ND	ND						

Table 2
LEA STATION
WATER SAMPLE ANALYTICAL RESULTS

[illegible]

Table 2
LEA STATION
WATER SAMPLE ANALYTICAL RESULTS

Monitor Well	Date Sampled	BTEX					PAH					Fluorene (mg/L)
		Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	1-Methyl-naphthene (mg/L)	2-Methyl-naphthene (mg/L)	Napthlene (mg/L)	Total Napthlenes (mg/L)	Benzo(a) pyrene (mg/L)	
MW-7 (cont.)	04/02/03	ND	ND	ND	ND	ND						
	07/08/03	ND	ND	ND	ND	ND						
	12/18/03	ND	ND	ND	ND	ND						
MW-8	09/30/93	PSH	PSH	PSH	PSH	PSH						
	10/17/95	PSH	PSH	PSH	PSH	PSH						
	02/07/96	PSH	PSH	PSH	PSH	PSH						
	04/03/96	PSH	PSH	PSH	PSH	PSH						
	07/18/96	PSH	PSH	PSH	PSH	PSH						
	10/02/96	0.003	0.007	0.082	0.052	0.144						
	01/22/97	PSH	PSH	PSH	PSH	PSH						
	04/10/97	ND	0.001	0.054	0.016	0.071						
	05/05/98	ND	ND	0.002	0.004	0.006						
	04/15/99	0.002	ND	ND	0.001	0.003						
	04/28/00	ND	ND	ND	ND	ND						
	04/05/01	ND	ND	ND	ND	ND						
	04/10/02	ND	ND	ND	ND	ND						
	01/29/03	NS	NS	NS	NS	NS						
	04/02/03	ND	ND	ND	ND	ND						
	07/08/03	NS	NS	NS	NS	NS						
	12/18/03	ND	ND	ND	ND	ND						
MW-9	09/30/93	ND	ND	ND	ND	ND						
	10/17/95	ND	ND	ND	ND	ND						
	02/07/96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/03/96	ND	ND	ND	ND	ND						
	07/18/96	ND	ND	ND	0.003	0.003						
	10/02/96	ND	ND	ND	ND	ND						
	01/22/97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/97	ND	ND	ND	ND	ND						
	07/16/97	ND	ND	ND	ND	ND						
	10/09/97	ND	ND	ND	ND	ND						
	01/22/98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/05/98	ND	ND	ND	ND	ND						
	07/08/98	ND	ND	ND	ND	ND						
	10/02/98	ND	ND	ND	ND	ND						
	01/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/15/99	ND	ND	ND	ND	ND						
	07/13/99	ND	ND	ND	ND	ND						
	10/13/99	ND	ND	ND	ND	ND						
	01/13/00	0.002	0.002	ND	ND	0.004	ND	ND	ND	ND	ND	ND
	04/28/00	0.008	0.003	ND	ND	0.011						

Table 2
LEA STATION
WATER SAMPLE ANALYTICAL RESULTS

Monitor Well	Date Sampled	BTEX					PAH					Fluorene (mg/L)
		Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	1-Methyl-naphthene (mg/L)	2-Methyl-naphthene (mg/L)	Napthlene (mg/L)	Total Napthlenes (mg/L)	Benzo(a) pyrene (mg/L)	
MW-9 (cont.)	07/12/00	ND	ND	ND	ND	ND						
	04/05/01	ND	ND	ND	ND	ND						
	07/10/01	ND	ND	ND	ND	ND						
	10/02/01	ND	ND	ND	ND	ND						
	01/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/02	ND	ND	ND	ND	ND						
	07/02/02	ND	ND	ND	ND	ND						
	10/08/02	ND	ND	ND	ND	ND						
	01/29/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/02/03	ND	ND	ND	ND	ND						
	07/08/03	ND	ND	ND	ND	ND						
	12/18/03	ND	ND	ND	ND	ND						
MW-10	09/30/93	ND	ND	0.009	0.001	0.010						
	10/17/95	ND	0.003	ND	ND	0.003						
	02/07/96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/03/96	0.001	ND	ND	0.002	0.003						
	07/18/96	ND	0.002	ND	ND	0.002						
	10/02/96	ND	ND	ND	0.007	0.007						
	01/22/97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/97	ND	0.001	ND	ND	0.001						
	07/16/97	0.002	ND	ND	0.005	0.007						
	10/09/97	ND	ND	ND	ND	ND						
	01/22/98	ND	ND	ND	ND	ND	ND	0.001	ND	0.001	ND	ND
	05/05/98	0.002	ND	ND	0.003	0.005						
	07/08/98	ND	ND	ND	ND	ND						
	10/02/98	ND	ND	ND	0.003	0.003						
	01/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/15/99	0.001	ND	ND	0.009	0.010						
	07/13/99	ND	ND	ND	ND	ND						
	10/13/99	ND	ND	ND	ND	ND						
	01/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/28/00	ND	ND	ND	ND	ND						
	07/12/00	ND	0.005	ND	0.020	0.025						
	10/06/00	ND	ND	ND	ND	ND						
	01/03/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/05/01	ND	0.006	ND	ND	0.006						
	07/10/01	ND	ND	ND	ND	ND						
	10/02/01	0.010	ND	ND	ND	ND						
	01/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/10/02	ND	ND	ND	ND	ND						

Table 2
LEA STATION
WATER SAMPLE ANALYTICAL RESULTS

Monitor Well	Date Sampled	BTEX					PAH					
		Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	1-Methyl-naphthene (mg/L)	2-Methyl-naphthene (mg/L)	Napthlene (mg/L)	Total Napthlenes (mg/L)	Benzo(a) pyrene (mg/L)	
MW-10 (cont.)	07/02/02	ND	ND	ND	ND	ND						
	10/08/02	ND	ND	ND	ND	ND						
	01/29/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/02/03	ND	ND	ND	ND	ND						
	07/08/03	ND	ND	ND	ND	ND						
	12/18/03	ND	ND	ND	ND	ND						
MW-11	09/30/93	PSH	PSH	PSH	PSH	PSH						
	10/17/95	PSH	PSH	PSH	PSH	PSH						
	02/07/96	PSH	PSH	PSH	PSH	PSH						
	04/03/96	PSH	PSH	PSH	PSH	PSH						
	07/18/96	PSH	PSH	PSH	PSH	PSH						
	10/02/96	PSH	PSH	PSH	PSH	PSH						
	01/22/97	PSH	PSH	PSH	PSH	PSH						
	04/10/97	PSH	PSH	PSH	PSH	PSH						
	05/05/98	PSH	PSH	PSH	PSH	PSH						
	04/15/99	PSH	PSH	PSH	PSH	PSH						
	04/28/00	PSH	PSH	PSH	PSH	PSH						
	04/05/01	2.180	ND	0.596	0.268	3.040						
	04/10/02	2.890	0.193	0.968	0.538	4.590						
	07/02/02	PSH	PSH	PSH	PSH	PSH						
	10/08/02	PSH	PSH	PSH	PSH	PSH						
	01/29/03	PSH	PSH	PSH	PSH	PSH						
	04/02/03	2.150	0.171	1.010	0.846	4.177						
	07/08/03	NS	NS	NS	NS	NS						
	12/18/03	NS	NS	NS	NS	NS						
MW-12	02/10/95	0.590	0.009	0.043	0.067	0.709						
	07/19/95	0.580	0.130	0.076	0.032	0.818						
	10/17/95	1.400	0.440	0.300	0.163	2.303						
	10/02/96	0.680	0.180	0.280	0.100	1.240						
	04/10/97	0.840	0.250	0.230	0.075	1.395						
	10/09/97	0.780	0.230	0.100	0.047	1.157						
	05/05/98	0.930	0.370	0.390	0.130	1.820						
	04/15/99	0.770	0.070	0.280	0.058	1.178						
	04/28/00	0.240	0.019	0.120	0.011	0.390						
	04/05/01	0.195	ND	0.022	ND	0.218						
	04/10/02	0.301	ND	0.164	ND	0.465						
	01/29/03	NS	NS	NS	NS	NS						
	04/02/03	0.290	ND	0.121	0.0037	0.4147						
	07/03/03	NS	NS	NS	NS	NS						
	12/18/03	NS	NS	NS	NS	NS						

Table 2
LEA STATION
WATER SAMPLE ANALYTICAL RESULTS

Monitor Well	Date Sampled	BTEX					PAH					
		Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	1-Methyl-naphthene (mg/L)	2-Methyl-naphthene (mg/L)	Napthlene (mg/L)	Total Napthlenes (mg/L)	Benzo(a) pyrene (mg/L)	
MW-13	02/10/95	ND	ND	ND	ND	ND						
	07/19/95	ND	ND	ND	ND	ND						
	10/17/95	ND	ND	ND	ND	ND						
	10/02/96	ND	ND	ND	ND	ND						
	04/10/97	ND	ND	ND	ND	ND						
	10/09/97	ND	ND	ND	ND	ND						
	05/05/98	ND	ND	ND	ND	ND						
	04/15/99	ND	ND	ND	ND	ND						
	04/28/00	ND	ND	ND	ND	ND						
	04/05/01	0.009	ND	ND	ND	0.009						
	04/10/02	ND	ND	ND	ND	ND						
	01/29/03	NS	NS	NS	NS	NS						
	04/02/03	ND	ND	ND	ND	ND						
	07/08/03	NS	NS	NS	NS	NS						
	12/18/03	NS	NS	NS	NS	NS						
RW-1	01/29/03	NS	NS	NS	NS	NS						
	04/02/03	NS	NS	NS	NS	NS						
	07/08/03	NS	NS	NS	NS	NS						
	12/18/03	ND	ND	ND	ND	ND						

ND = None Detected

NS = Not Sampled

PSH = PSH present in the well, not sampled

APPENDIX

APPENDIX A

LABORATORY ANALYTICAL RESULTS

AND

CHAIN-OF-CUSTODY FORM



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: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 151273 **Report Date:** 01/05/04
Project ID: 2003-00339
Sample Name: WLELS121803MW1
Sample Matrix: water
Date Received: 12/23/2003 **Time:** 12:00
Date Sampled: 12/18/2003 **Time:** 01:00

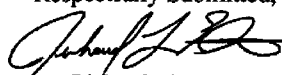
REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/31/03	8260b(5030/5035)	---	---	---	---	---
Benzene	403	µg/L	10	<10	12/31/03	8260b	---	6	103.1	98.5	103.1
Ethylbenzene	75.8	µg/L	1	<1	12/31/03	8260b	---	7	109.2	108.5	101.1
m,p-Xylenes	19.8	µg/L	2	<2	12/31/03	8260b	---	6.5	109.4	108.9	101.2
o-Xylene	<1	µg/L	1	<1	12/31/03	8260b	J	6.2	111.2	109.8	104.8
Toluene	<1	µg/L	1	<1	12/31/03	8260b	---	4.9	109.1	107.7	109

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. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

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). 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.



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: Pat McCasland	Project ID: 2003-00339 Sample Name: WLELS121803MW1	Report#/Lab ID#: 151273 Sample Matrix: water
---	---	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	103	80-120	---
Toluene-d8	8260b	102	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 151273 **Matrix:** water

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Project ID: 2003-00339

Sample Name: WLELS121803MW1

Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

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

Report#/Lab ID#: 151274 **Report Date:** 01/05/04
Project ID: 2003-00339
Sample Name: WLELS121803MW3
Sample Matrix: water
Date Received: 12/23/2003 **Time:** 12:00
Date Sampled: 12/18/2003 **Time:** 01:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/31/03	8260b(5030/5035)	---	---	---	---	---
Benzene	959	µg/L	10	<10	12/31/03	8260b	---	6	103.1	98.5	103.1
Ethylbenzene	39.4	µg/L	1	<1	12/31/03	8260b	---	7	109.2	108.5	101.1
m,p-Xylenes	7.16	µg/L	2	<2	12/31/03	8260b	---	6.5	109.4	108.9	101.2
o-Xylene	<1	µg/L	1	<1	12/31/03	8260b	---	6.2	111.2	109.8	104.8
Toluene	<1	µg/L	1	<1	12/31/03	8260b	---	4.9	109.1	107.7	109

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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). 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: Pat McCasland	Project ID: 2003-00339 Sample Name: WLELS121803MW3	Report#/Lab ID#: 151274 Sample Matrix: water
---	---	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.8	80-120	---
Toluene-d8	8260b	104	88-110	---

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



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Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 151275 **Report Date:** 01/05/04
Project ID: 2003-00339
Sample Name: WLELS121803MW4
Sample Matrix: water
Date Received: 12/23/2003 **Time:** 12:00
Date Sampled: 12/18/2003 **Time:** 01:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/31/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/31/03	8260b	---	3.3	104	97.8	106.4
Ethylbenzene	<1	µg/L	1	<1	12/31/03	8260b	---	3.3	116.1	113.1	114.6
m,p-Xylenes	<2	µg/L	2	<2	12/31/03	8260b	---	1.3	108.5	104.7	109
o-Xylene	<1	µg/L	1	<1	12/31/03	8260b	---	12	123.9	111.3	112.1
Toluene	<1	µg/L	1	<1	12/31/03	8260b	---	1.9	108.9	101.7	110.9

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Respectfully Submitted,


Richard Elton

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Client: Environmental Plus, Inc. Attn: Pat McCasland	Project ID: 2003-00339 Sample Name: WLELS121803MW4	Report#/Lab ID#: 151275 Sample Matrix: water
---	---	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.2	80-120	---
Toluene-d8	8260b	108	88-110	---

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



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FAX: (505) 394-2601

Report#/Lab ID#: 151276

Report Date: 01/05/04

Project ID: 2003-00339

Sample Name: WLELS121803MW5

Sample Matrix: water

Date Received: 12/23/2003

Time: 12:00

Date Sampled: 12/18/2003

Time: 01:35


REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/31/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/31/03	8260b	J	6	103.1	98.5	103.1
Ethylbenzene	<1	µg/L	1	<1	12/31/03	8260b	---	7	109.2	108.5	101.1
m,p-Xylenes	<2	µg/L	2	<2	12/31/03	8260b	---	6.5	109.4	108.9	101.2
o-Xylene	<1	µg/L	1	<1	12/31/03	8260b	---	6.2	111.2	109.8	104.8
Toluene	<1	µg/L	1	<1	12/31/03	8260b	---	4.9	109.1	107.7	109

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Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2003-00339
Sample Name: WLELS121803MW5

Report#/Lab ID#: 151276
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.8	80-120	---
Toluene-d8	8260b	104	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 151276 **Matrix:** water

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Project ID: 2003-00339

Sample Name: WLELS121803MW5

Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. 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:



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Eunice NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 151277 **Report Date:** 01/05/04
Project ID: 2003-00339
Sample Name: WLELS121803MW6
Sample Matrix: water
Date Received: 12/23/2003 **Time:** 12:00
Date Sampled: 12/18/2003 **Time:** 01:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/31/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/31/03	8260b	---	0.9	102.8	103.7	100.7
Ethylbenzene	<1	µg/L	1	<1	12/31/03	8260b	---	2	105.9	110.9	104
m,p-Xylenes	<2	µg/L	2	<2	12/31/03	8260b	---	2.5	107.5	111.6	105.3
o-Xylene	<1	µg/L	1	<1	12/31/03	8260b	---	1.4	107.6	111.2	104.9
Toluene	<1	µg/L	1	<1	12/31/03	8260b	---	1	107.5	115.4	106.5

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Respectfully Submitted,


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Attn: Pat McCasland

Project ID: 2003-00339
Sample Name: WLELS121803MW6

Report#/Lab ID#: 151277
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.9	80-120	---
Toluene-d8	8260b	105	88-110	---

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



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

Report#/Lab ID#: 151278 **Report Date:** 01/05/04
Project ID: 2003-00339
Sample Name: WLELS121803MW7
Sample Matrix: water
Date Received: 12/23/2003 **Time:** 12:00
Date Sampled: 12/18/2003 **Time:** 02:00

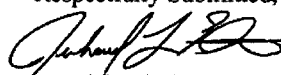
REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/30/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/30/03	8260b	---	0.9	102.8	103.7	100.7
Ethylbenzene	<1	µg/L	1	<1	12/30/03	8260b	---	2	105.9	110.9	104
m,p-Xylenes	<2	µg/L	2	<2	12/30/03	8260b	---	2.5	107.5	111.6	105.3
o-Xylene	<1	µg/L	1	<1	12/30/03	8260b	---	1.4	107.6	111.2	104.9
Toluene	<1	µg/L	1	<1	12/30/03	8260b	---	1	107.5	115.4	106.5

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Client: Environmental Plus, Inc.
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Project ID: 2003-00339
Sample Name: WLELS121803MW7

Report#/Lab ID#: 151278
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	105	88-110	---

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



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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
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Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 151279 **Report Date:** 01/05/04
Project ID: 2003-00339
Sample Name: WLELS121803MW9
Sample Matrix: water
Date Received: 12/23/2003 **Time:** 12:00
Date Sampled: 12/18/2003 **Time:** 02:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/30/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/30/03	8260b	---	0.9	102.8	103.7	100.7
Ethylbenzene	<1	µg/L	1	<1	12/30/03	8260b	---	2	105.9	110.9	104
m,p-Xylenes	<2	µg/L	2	<2	12/30/03	8260b	---	2.5	107.5	111.6	105.3
o-Xylene	<1	µg/L	1	<1	12/30/03	8260b	---	1.4	107.6	111.2	104.9
Toluene	<1	µg/L	1	<1	12/30/03	8260b	---	1	107.5	115.4	106.5

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Client: Environmental Plus, Inc.
Attn: Pat McCasland

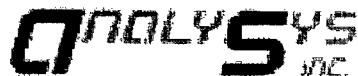
Project ID: 2003-00339
Sample Name: WLELS121803MW9

Report#/Lab ID#: 151279
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	107	80-120	---
Toluene-d8	8260b	102	88-110	---

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



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Address: 2100 Ave. O
Eunice NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 151280 **Report Date:** 01/05/04
Project ID: 2003-00339
Sample Name: WLELS121803MW10
Sample Matrix: water
Date Received: 12/23/2003 **Time:** 12:00
Date Sampled: 12/18/2003 **Time:** 02:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

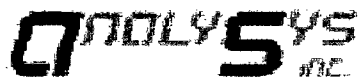
Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/31/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/31/04	8260b	---	0.9	102.8	103.7	100.7
Ethylbenzene	<1	µg/L	1	<1	12/31/04	8260b	---	2	105.9	110.9	104
m,p-Xylenes	<2	µg/L	2	<2	12/31/04	8260b	---	2.5	107.5	111.6	105.3
o-Xylene	<1	µg/L	1	<1	12/31/04	8260b	---	1.4	107.6	111.2	104.9
Toluene	<1	µg/L	1	<1	12/31/04	8260b	---	1	107.5	115.4	106.5

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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). 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.



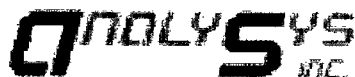
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc. Attn: Pat McCasland	Project ID: 2003-00339 Sample Name: WLELS121803MW10	Report#/Lab ID#: 151280 Sample Matrix: water
---	--	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	105	88-110	---

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



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

Report#/Lab ID#: 151281 **Report Date:** 01/05/04
Project ID: 2003-00339
Sample Name: WLELS121803RMW1
Sample Matrix: water
Date Received: 12/23/2003 **Time:** 12:00
Date Sampled: 12/18/2003 **Time:** 03:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

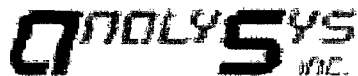
Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/30/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/30/03	8260b	---	0.9	102.8	103.7	100.7
Ethylbenzene	<1	µg/L	1	<1	12/30/03	8260b	---	2	105.9	110.9	104
m,p-Xylenes	<2	µg/L	2	<2	12/30/03	8260b	---	2.5	107.5	111.6	105.3
o-Xylene	<1	µg/L	1	<1	12/30/03	8260b	---	1.4	107.6	111.2	104.9
Toluene	<1	µg/L	1	<1	12/30/03	8260b	---	1	107.5	115.4	106.5

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. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

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Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2003-00339
Sample Name: WLELS121803RMW1

Report#/Lab ID#: 151281
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.6	80-120	---
Toluene-d8	8260b	104	88-110	---

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



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Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481

FAX: (505) 394-2601

Report#/Lab ID#: 151282

Report Date: 01/05/04

Project ID: 2003-00339

Sample Name: WLELS121803MW8

Sample Matrix: water

Date Received: 12/23/2003

Time: 12:00

Date Sampled: 12/18/2003

Time: 03:15

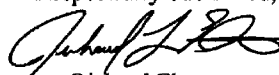
REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/31/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/31/03	8260b	---	3.3	104	97.8	106.4
Ethylbenzene	<1	µg/L	1	<1	12/31/03	8260b	---	3.3	116.1	113.1	114.6
m,p-Xylenes	<2	µg/L	2	<2	12/31/03	8260b	---	1.3	108.5	104.7	109
o-Xylene	<1	µg/L	1	<1	12/31/03	8260b	---	12	123.9	111.3	112.1
Toluene	<1	µg/L	1	<1	12/31/03	8260b	---	1.9	108.9	101.7	110.9

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Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2003-00339
Sample Name: WLELS121803MW8

Report#/Lab ID#: 151282
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.8	80-120	---
Toluene-d8	8260b	109	88-110	---

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

CHAIN-OF-CUSTODY

Send Report to:

Company Name Environmental Plus

Address 2120 Ave O

City Euless State N.M Zip 88231

ATTN: Pat McIsland

Phone 505-394-3481 Fax 505-394-2601

Rush Status (must be confirmed with lab mgr.):

Project Name/PO#: 9003-00339 Sampler: Brendon Blum

Bill to (if different):

Company Name Link Energy

Address 5805 Hwy 80

City Midland State Tx Zip 79701

ATTN: Frank Hernandez

Phone 505-631-3095 Fax 505-386-2754

ANALYSYS
INC.

4221 Freidrich Lane, Suite 190, Austin, TX 78744
(512) 444-5896

Analyses Requested (1)

Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 5021										Comments
WLELS121803MW1	12-18-03	1:00	2		X		151273	X										
WLELS121803MW3	12-18-03	1:10	2		X		151274	X										
WLELS121803MW4	12-18-03	1:25	2		X		151275	X										
WLELS121803MW5	12-18-03	1:35	2		X		151276	X										
WLELS121803MW6	12-18-03	1:45	2		X		151277	X										
WLELS121803MW7	12-18-03	2:00	2		X		151278	X										
WLELS121803MW9	12-18-03	2:15	2		X		151279	X										
WLELS121803MW10	12-18-03	2:30	2		X		151280	X										
WLELS121803MW11	12-18-03	3:00	2		X		151281	X										
WLELS121803MW18	12-18-03	3:15	2		X		151282	X										

1) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting limits (MDL/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutants or ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

T: 5.2 C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
<u>Brendon Blum</u>	<u>Environmental Plus</u>	<u>12-18-03</u>		<u>D. Flynn</u>	<u>ASI</u>	<u>12/23/03</u>	<u>1200</u>

Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

