1R - 81

REPORTS

DATE:

PLAINS ALL AMERICAN 1R-81

May 16, 2006

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

2006 MAY 18 AM 11 17

Re: Plains All American Soil Characterization Report
And Interim Remediation Plan
Lamunyon Sump Release Site
Unit Letter A of Section 28, Township 23 South, Range 37 East
Lea County, New Mexico

Dear Mr. Martin:

Please find attached for your approval the Soil Characterization Report and Interim Remediation Plan, dated May 2006, for the Lamunyon Sump release site located in Unit Letter A of Section 28, Township 23 South, Range 37 East of Lea County, New Mexico. The Work Plan details site activities conducted to date and future activities to be conducted at the site.

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

Sincerely,

Camille Reynolds

Camille Reynolds
Remediation Coordinator
Plains All American

CC: Larry Johnson, NMOCD, Hobbs, NM

Enclosure

SOIL CHARACTERIZATION REPORT AND INTERIM REMEDIATION PLAN

LAMUNYON SUMP
PLAINS REF: 2000-10409
(COMPANY # 231735)

UL-A (NE¼ OF THE NE¼) OF SECTION 28, T23S, R37E

~10 MILES NORTH OF JAL

LEA COUNTY, NEW MEXICO

LATITUDE: N 32° 16' 49.1" LONGITUDE: W 103° 09' 49.5"

MAY 2006

PREPARED BY:

ENVIRONMENTAL PLUS, INC.
2100 AVENUE O
EUNICE, NEW MEXICO 88231

PREPARED FOR:

PLAINS
ALL AMERICAN

DISTRIBUTION LIST

Plains Pipeline, L.P. – Lamunyon Sump
(Plains Ref.: 2000-10409; Company # 231735)

Name	Title	Company or Agency	Mailing Address	E-Mail
Ed Martin	Environmental Engineer	NMOCD – Sante Fe	1220 S. St. Francis Drive Sante Fe, NM 87505	ed.martin@state.nm.us
Larry Johnson	Environmental Engineer	NMOCD – Hobbs	1625 N. French Drive Hobbs, NM 88240	larry.johnson@state.nm.us
Jeff Dann	Senior Environmental Specialist	Plains Pipeline, L.P.	333 Clay St., Suite #1600 Houston, TX 77002	jpdann@paalp.com
Camille Reynolds	Remediation Coordinator	Plains Pipeline, L.P.	3112 W. Hwy 82 Lovington, NM 88260	cjreynolds@paalp.com
File	- -	Environmental Plus, Inc.	P.O. Box 1558 Eunice, NM 88231	iolness@envplus.net

Standard of Care

Soil Characterization Report

Lamunyon Sump
Ref. # 2000-10409

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, M.S.
Environmental Scientist

15 May 2006
Date

This report was reviewed by:

Iain A. Olness, P.G.
Technical Manager

15 May 2006
Date

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FIGURES

TABLES

APPENDICES

1.0 Introduction

The purpose of this report is to provide the New Mexico Oil Conservation Division (NMOCD) with information pertaining to the soil impacts at the site and prepare an interim soil remediation plan for shallow impacted soil at the site. The Plains Pipeline, L.P. (Plains) Lamunyon Sump site is an active crude oil transfer pump facility and this plan proposes to remove the shallow impacted soils and isolate deeper impacted soil to protect groundwater until the facility is decommissioned and a complete remediation plan is developed for the site.

2.0 Background

The Plains Lamunyon Sump site (Ref. #2000-10409) is located in Unit Letter-A (NE¼ of the NE¼) of Section 28, Range 37 East, Township 23 South at Latitude 32°16'49.1"N and Longitude 103°09'49.5"W, approximately 10 miles north of Jal, Lea County, New Mexico on property owned by the Bino Salzman (reference *Figures 1 and 2*). There are no domestic or agricultural water wells or surface water bodies within 1,000-foot radius of the site. During site soil delineation activities in May 2000, the vertical extent of soil impacted above New Mexico Oil Conservation Division (NMOCD) remedial goals was determined to be at least 55-feet below ground surface (bgs).

A two-inch groundwater monitoring well (MW-1) was installed in August 2000 and the groundwater was sampled on a quarterly basis. In addition, water level measurements were recorded during quarterly sampling visits.

The groundwater monitoring well was sampled on a quarterly basis from December 2001 through October 2003. Samples were submitted for quantification of benzene, toluene, ethylbenzene and total xylenes (BTEX) and/or poly-aromatic hydrocarbons (PAHs). Analytical results for samples collected during quarterly sampling events indicated benzene and BTEX constituent concentrations were non-detectable (ND) at or above each analytes respective method detection limit (MDL). Groundwater levels declined slightly during the two-year monitoring period.

3.0 NMOCD Site Ranking

Based on the proximity of the site to protectable area water wells, surface water bodies and depth to groundwater from the lower most contamination, the NMOCD ranking score for the site is zero points with the soil remedial goals highlighted in the *Site Ranking* table presented below.

1. Groundwater	2. Wellhead Protection Area	3. Distance to Surface Water
Depth to GW <50 feet: *20 points*	If <1,000' from water source, or; <200' from private domestic water source: *20 points*	<200 horizontal feet: *20 points*
Depth to GW 50 to 99 feet: *10 points*		200-1,000 horizontal feet: *10 points*
Depth to GW >100 feet: 0 points	If >1,000' from water source, or; >200' from private domestic water source: *0 points*	>1,000 horizontal feet: *0 points*
To 35-ft bgs: Site Rank (1+2+3) = 10 + 0 + 0 = 10 points Below 35-ft bgs: Site Rank (1+2+3) = 20 + 0 + 0 = 20 points		

Total Site Ranking Score and Acceptable Remedial Goal Concentrations			
Parameter	20 or >	10	0
Benzene[1]	10 ppm	10 ppm	10 ppm
BTEX[1]	50 ppm	50 ppm	50 ppm
TPH	100 ppm	1,000 ppm	5,000 ppm

[1] A field soil vapor headspace measurement of 100 ppm may be substituted for a laboratory analysis of benzene and BTEX concentration limits.

4.0 Field Activities

Initial investigative activities, completed between May 16 and 19, 2000 consisted of advancing 9 push probe borings (GP-1 through GP-9) to depths ranging from 15 to 50-feet bgs. During the advancement of the soil borings, samples were collected at five foot intervals.

On August 29, 2000 groundwater monitoring well MW-1 was installed 15-feet southwest of the sump and adjacent to soil boring GP-6 to evaluate if groundwater had been impacted by the release (reference *Figure 3*). As soil samples were collected to a depth of 40-feet bgs during the advancement of soil boring GP-6, additional soil samples were collected at five-foot intervals from 45 to 85-feet bgs during installation of groundwater monitoring well MW-1.

On August 11 and 12, 2004, the sump was removed and impacted soil excavated to 3-feet bgs. Approximately 42 cubic yards of impacted soil were transported to the Plains – Lea

Station Landfarm for remediation. An equivalent amount of clean soil was purchased from the landowner and utilized to backfill the excavation.

5.0 Field Analyses

Soil samples were collected during the advancement of the soil borings at 2-feet, 5-feet bgs and 5-foot intervals thereafter. Upon collection, a portion of each sample was immediately placed in a laboratory provided container and placed on ice for transport to an independent laboratory. The remaining portion of the sample was placed in a self-sealing, polyethylene bag and the sample allowed to equilibrate to a temperature of ≈70ºC. Soil samples were analyzed in the field for the presence of organic vapors utilizing an UltraRae™ photoionization detector (PID) equipped with a 9.8 eV lamp.

Soil boring GP-1 was advanced to a depth of 50 feet bgs, approximately 10 feet west of the sump (reference *Figure 3*). Field analyses of the soil samples indicated organic vapor concentrations ranged from 120 to 511 ppm (reference *Table 1*).

Soil boring GP-2 was advanced to a depth of 20 feet bgs, approximately 18 feet south of the sump (reference *Figure 3*). Field analyses of the soil samples indicated organic vapor concentrations ranged from 1.7 to 109 ppm, with concentrations generally increasing with depth (reference *Table 1*).

Soil boring GP-3 was advanced to a depth of 15 feet bgs, approximately 26 feet southwest of the sump (reference *Figure 3*). Field analyses of the soil samples indicated organic vapor concentrations ranged from 0.4 to 6.1 ppm (reference *Table 1*).

Soil boring GP-4 was advanced to a depth of 15 feet bgs, approximately 20 feet west of the sump (reference *Figure 3*). Field analyses of the soil samples indicated organic vapor concentrations ranged from 2.0 to 10.0 ppm (reference *Table 1*).

Soil boring GP-5 was advanced to a depth of 50 feet bgs, approximately 15 feet northwest of the sump (reference *Figure 3*). Field analyses of the soil samples indicated organic vapor concentrations ranged from 8.7 to 350 ppm. The highest concentrations were detected at 10-feet bgs and continued to decrease with depth (reference *Table 1*).

Soil boring GP-6 was advanced to a depth of 40 feet bgs, approximately 10 feet south-southwest of the sump (reference *Figure 3*). Field analyses of the soil samples indicated organic vapor concentrations ranged from 57.0 to 340 ppm, with the highest concentrations detected in the near surface sample (reference *Table 1*).

Soil boring GP-7 was advanced to a depth of 30 feet bgs, approximately 23 feet southwest of the sump (reference *Figure 3*). Field analyses of the soil samples indicated organic vapor concentrations ranged from 1.9 to 205 ppm, with concentrations decreasing with depth (reference *Table 1*).

Soil boring GP-8 was advanced to a depth of 50 feet bgs, approximately 28 feet southwest of the sump (reference *Figure 3*). Field analyses of the soil samples indicated organic vapor concentrations ranged from 89 to 516 ppm with concentrations decreasing with depth (reference *Table 1*).

Soil boring GP-9 was advanced to a depth of 45 feet bgs, approximately 6 feet west-southwest of the sump (reference *Figure 3*). Field analyses of the soil samples indicated organic vapor concentrations ranged from 200 to 718 ppm, with concentrations decreasing with depth (reference *Table 1*)

Groundwater monitoring well MW-1 was installed southwest of and adjacent to soil boring GP-6. As soil samples had been collected from soil boring GP-6 to a depth of 40 feet bgs, additional soil sample collection was from 45 to 85 feet bgs. Field analyses of the soil samples indicated organic vapor concentrations ranged from 1.8 to 138 ppm, with concentrations generally decreasing with depth (reference *Table 1* and *Figure 3*).

6.0 Laboratory Analyses

Samples collected during the advancement of the soil borings were submitted to Environmental Lab of Texas, Inc. in Odessa, Texas for quantification of total petroleum hydrocarbons (TPH) via EPA Method 8015M and benzene, toluene, ethylbenzene and total xylenes (BTEX) via EPA Method 8021B/5030.

Analytical results for soil samples collected from soil boring GP-1 indicated TPH concentrations (i.e., the sum of GRO and DRO) were above the NMOCD remedial guideline of 1,000 parts per million (ppm) to 35 feet bgs and 100 ppm below 35 feet bgs for all samples. Total BTEX concentrations were reported above the NMOCD remedial guideline of 50 ppm for the samples collected at 5 and 10 feet bgs; however, they were reported below the NMOCD remedial guideline for all other sample intervals. Benzene concentrations were reported below the NMOCD remedial guideline of 10 ppm for all samples (reference *Table 1*).

Analytical results for soil samples collected from soil boring GP-2 indicated TPH concentrations were above the NMOCD remedial guideline of 1,000 ppm for all samples. Total BTEX and benzene concentrations for all sampleswere reported below the NMOCD remedial guideline of 50 and 10 ppm, respectively (reference *Table 1*).

Analytical results for soil samples collected from soil borings GP-3 and GP-4 indicated TPH, total BTEX and benzene concentrations were below each analytes respective NMOCD remedial guideline (reference *Table 1*).

Analytical results for soil samples collected from soil boring GP-5 indicated TPH concentrations were above the NMOCD remedial guideline of 1,000 ppm to 35 feet bgs and 100 ppm below 35 feet bgs for all samples. Total BTEX and benzene concentrations were below each analytes respective NMOCD remedial guideline of 50 and 10 ppm, respectively, for all samples (reference *Table 1*).

Analytical results for soil samples collected from soil boring GP-6 indicated TPH concentrations were above the NMOCD remedial guideline of 1,000 ppm to 35 feet bgs and 100 ppm below 35 feet bgs for all samples. Total BTEX and benzene concentrations were below each analytes respective NMOCD remedial guideline, with the exception of the total BTEX concentration in the sample collected from the 5 feet bgs interval (reference *Table 1*).

Analytical results for soil samples collected from soil boring GP-7 indicated TPH concentrations were above the NMOCD remedial guideline of 1,000 ppm to 35 feet bgs and 100 ppm below 35 feet bgs for all samples; except for the sample collected at 2 feet bgs which was non-detectable at or above laboratory method detection limits (MDL). Total BTEX and benzene concentrations were reported below NMOCD remedial guideline of 50 and 10 ppm, respectively, for all samples (reference *Table 1*).

Analytical results for soil samples collected from soil boring GP-8 indicated TPH concentrations were above the NMOCD remedial guideline of 1,000 ppm to 35 feet bgs and 100 ppm below 35 feet bgs for all samples; except for the sample collected at 2-feet bgs which was non-detectable at or above laboratory method detection limits (MDL). Total BTEX and benzene concentrations were reported below NMOCD remedial guideline of 50 and 10 ppm, respectively, except for total BTEX concentrations at the 5 and 10 feet bgs intervals (reference *Table 1*).

Analytical results for soil samples collected from soil boring GP-9 indicated TPH concentrations were above the NMOCD remedial guideline of 1,000 ppm to 35 feet bgs and 100 ppm below 35 feet bgs for all samples. Total BTEX concentrations were above the NMOCD remedial guideline of 50 ppm for all sample intervals. Benzene concentrations were reported below NMOCD remedial guideline of 10 ppm for all samples (reference *Table 1*).

Analytical results for soil samples collected from soil boring MW-1 indicated TPH concentrations were below the NMOCD remedial guideline of 100 ppm for all samples with the exception of the samples collected from 45 and 55 feet bgs intervals. Total BTEX and benzene concentrations were reported below NMOCD remedial guideline of 50 and 10 ppm, respectively, for all samples (reference *Table 1*).

7.0 Groundwater Monitoring Summary

Analytical results for groundwater sampling events conducted from December 2001 through October 2003, did not indicate hydrocarbon constituents (BTEX) concentrations at or above laboratory MDL (reference *Tables 2*). Subsequently, it was recommended in the

April 2004 Link Energy Lamunyon Sump – Annual Monitoring Report to seal the monitoring well. Approval to seal the well was granted by the NMOCD in July 2004 and the well was sealed in September 2004.

8.0 Extent of Soil Impacts

Based on the results of the site investigation/delineation activities, it appears that approximately 1,900 cubic yards of subsurface hydrocarbon-impacted soil remain in place in the immediate vicinity of the release extending to a depth of approximately 55-feet bgs.

9.0 Status and Recommendations

The Lamunyon Sump is an active crude oil transfer pump facility; therefore remediation recommendations are intended to isolate deeper impacted soil from downward migration to protect groundwater until the facility is decommissioned and a complete remediation plan is developed for the site.

Based on field monitoring and analytical results collected during the advancement of the soil borings and installation of the groundwater monitoring well, the following recommendations are made in regards to the remaining hydrocarbon-impacted soil:

1) Excavate five feet of hydrocarbon impacted soil from within the release area (reference *Figure 15*);
2) Collect samples from the sidewalls of the excavation to verify removal of hydrocarbons to NMOCD criteria for the site;
3) Install an impermeable barrier (i.e., compacted clay, poly-vinyl chloride or equivalent) in the base of the excavation to prevent further vertical migration of the remaining hydrocarbon impacts; and
4) Backfill the excavation with clean soil overlain by caliche until such time that the facility is decommissioned, at which time a full remediation plan will be developed for the entire site.

EPI, on behalf of Plains All American Pipeline, L.P., requests formal written approval from the NMOCD to implement these proposed remedial activities.

FIGURES

Figure 1
Area Map
Plains Pipeline, L.P.
Lamunyon Sump
2000–10409

Lea County, New Mexico
NE 1/4 of the NE 1/4, Sec. 28, T23S, R37E
N 32° 16' 49.1" W 103° 09' 49.5"
Elevation: 3,285 feet amsl

DWG By: Iain Olness
April 2004

REVISED:

0 12,000 24,000
Feet

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1 of 1

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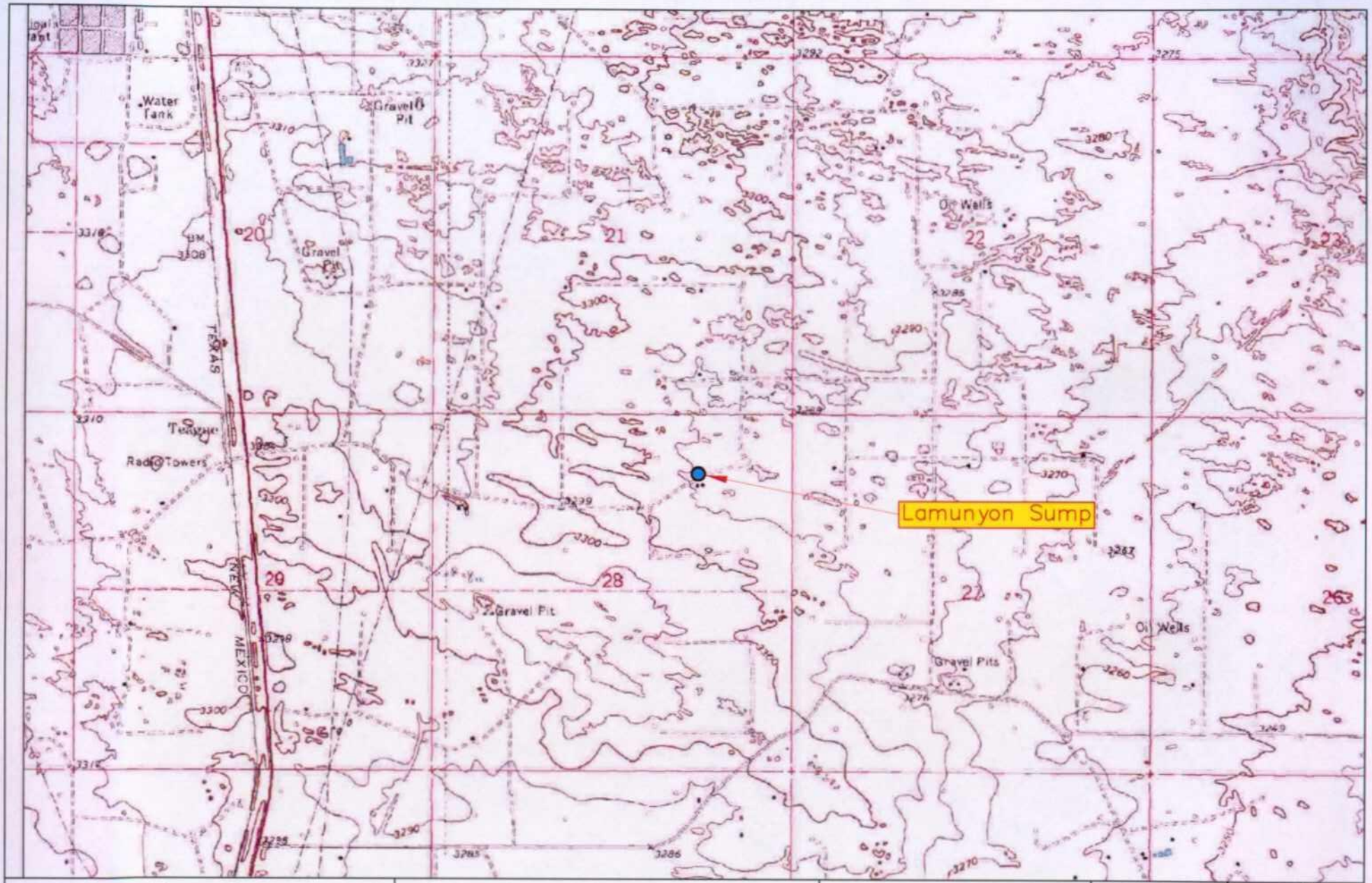

Figure 2
Site Location Map
Plains Pipeline, L.P.
Lamunyon Sump
2000–10409

Lea County, New Mexico
NE 1/4 of the NE 1/4, Sec. 28, T23S, R37E
N 32 ° 16' 49.1" W 103 ° 09' 49.5"
Elevation: 3,285 feet amsl

DWG By: Iain Olness
April 2004

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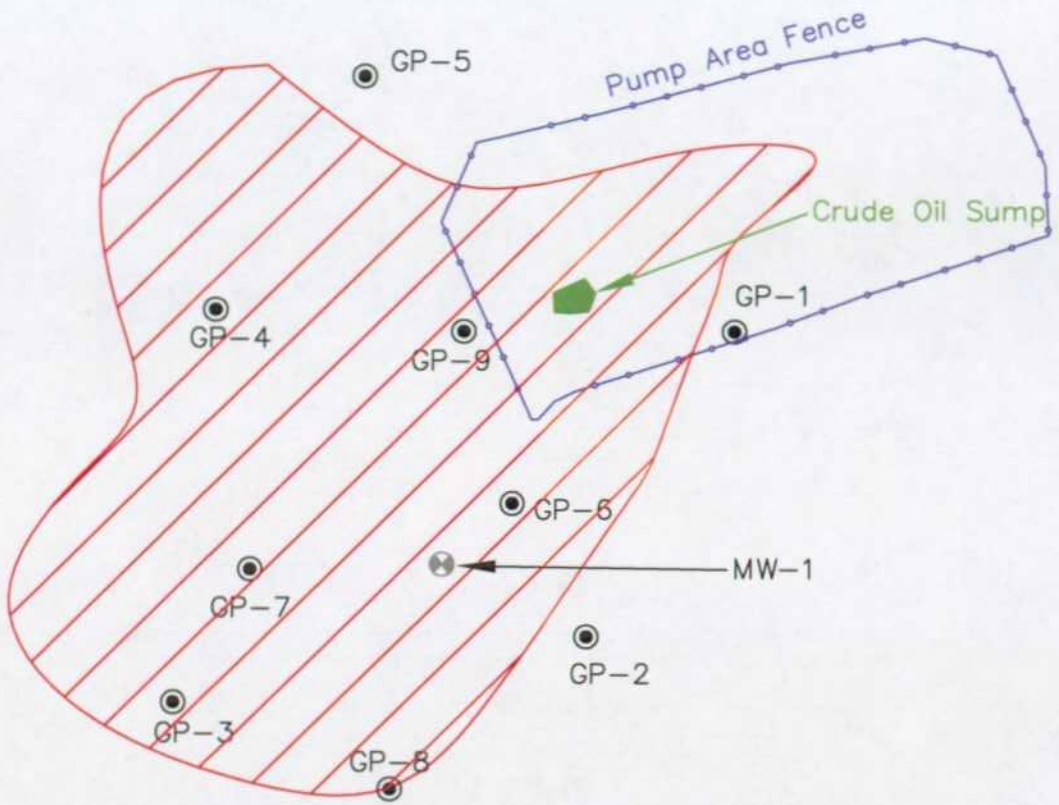

LEGEND

- Fence
- Release Area
- Soil Boring
- Monitoring Well (sealed)

Figure 3
Site Map
Plains Pipeline, L.P.
Lamunyon Sump
2000-10409

Lea County, New Mexico
NE 1/4 of the NE 1/4, Sec. 28, T23S, R37E
N 32° 16' 49.1" W 103° 09' 49.5"
Elevation: 3,285 feet amsl

DWG By: Iain Olness
April 2004

REVISED:
March 2006

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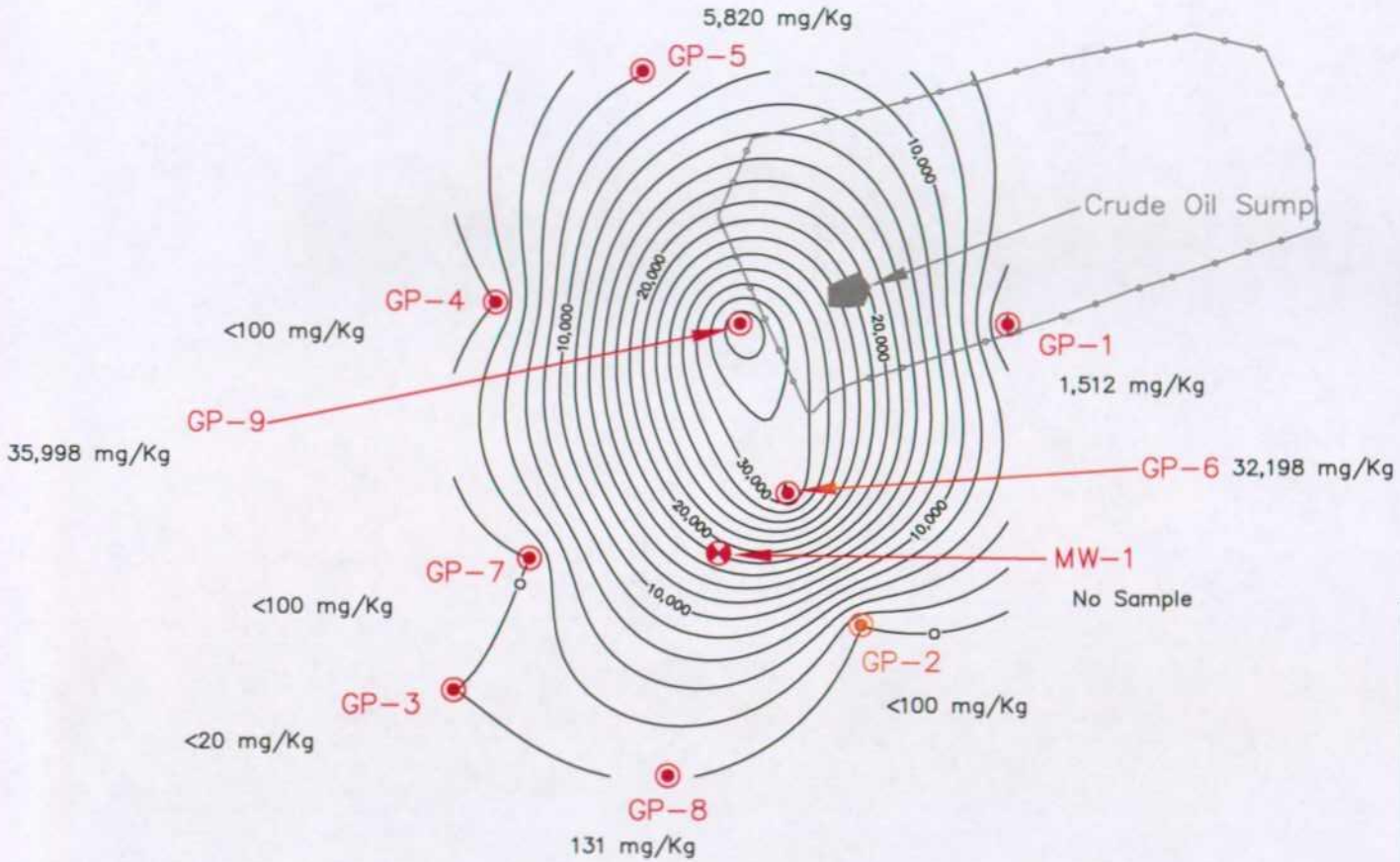
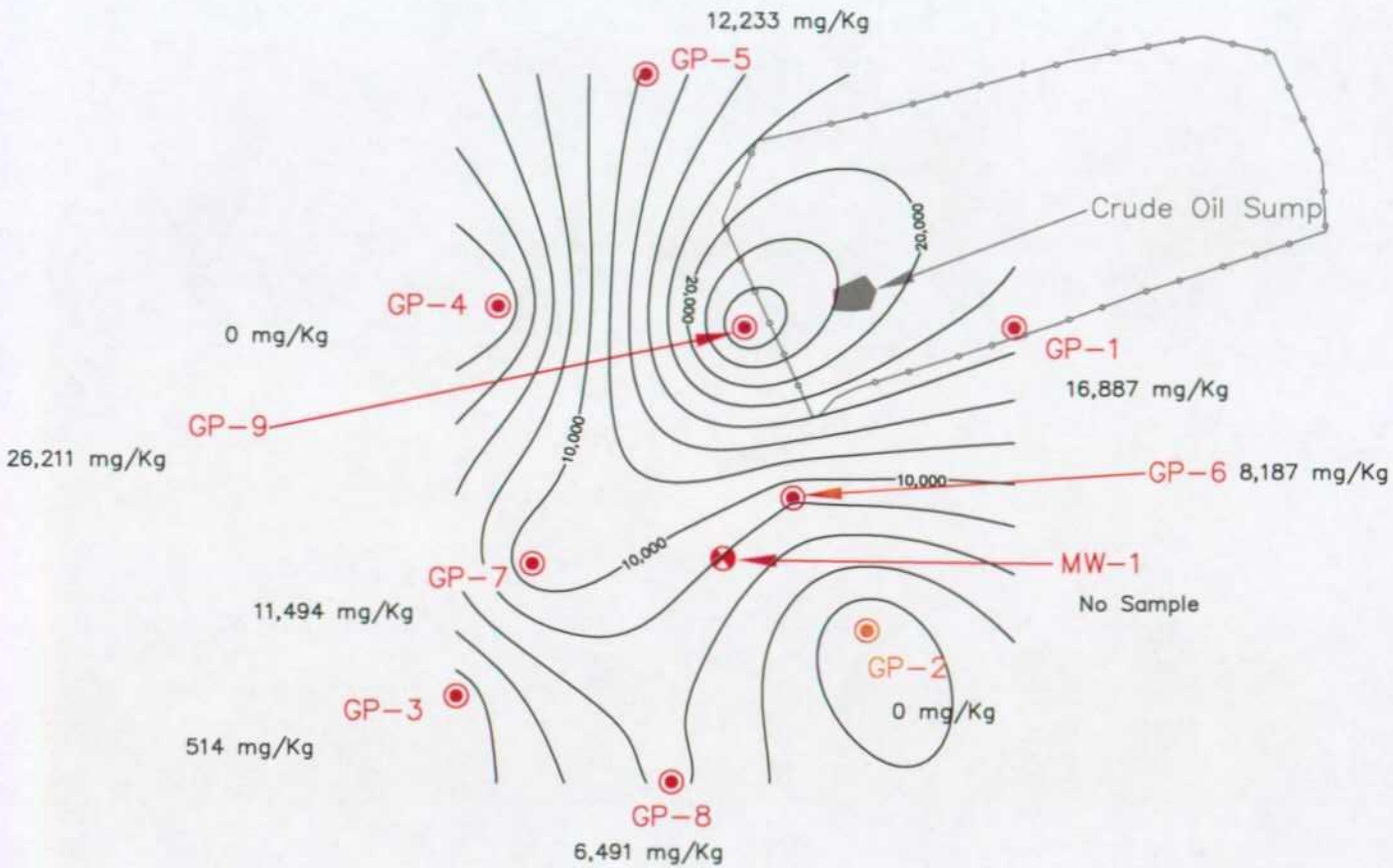


Figure 4 TPH Concentrations in Soil at 2 Feet BGS Plains Pipeline, L.P. Lamunyon Sump 2000-10409	Lea County, New Mexico NE 1/4 of the NE 1/4, Sec. 28, T23S, R37E N 32° 16' 49.1" W 103° 09' 49.5" Elevation: 3,285 feet amsl	DWG By: Iain Olness April 2004 0 10 20 Feet	REVISED: March 2006 SHEET 1 of 1	N



LEGEND

- Fence
- Soil Boring
- Monitoring Well
- 131 mg/Kg — TPH Concentration
- 10,000 — Concentration Contour

Figure 5 TPH Concentrations in Soil at 5 Feet BGS Plains Pipeline, L.P. Lamunyon Sump 2000-10409	Lea County, New Mexico NE 1/4 of the NE 1/4, Sec. 28, T23S, R37E N 32° 16' 49.1" W 103° 09' 49.5" Elevation: 3,285 feet amsl	DWG By: Iain Olness April 2004	REVISED: March 2006	N
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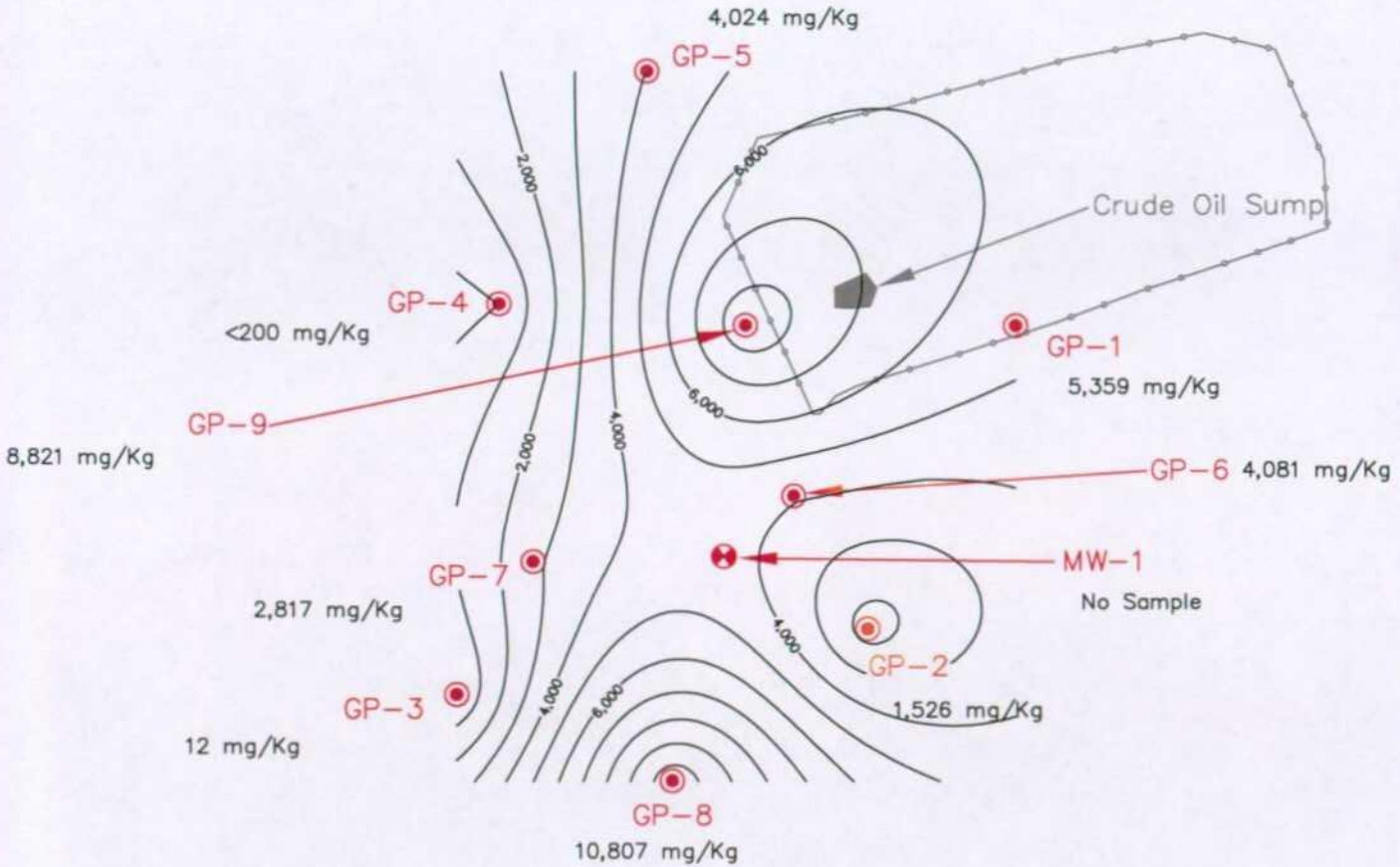

Figure 6 TPH Concentrations in Soil at 10 Feet BGS Plains Pipeline, L.P. Lamunyon Sump 2000-10409	Lea County, New Mexico NE 1/4 of the NE 1/4, Sec. 28, T23S, R37E N 32° 16' 49.1" W 103° 09' 49.5" Elevation: 3,285 feet amsl	DWG By: Iain Olness April 2004	REVISED: March 2006	N
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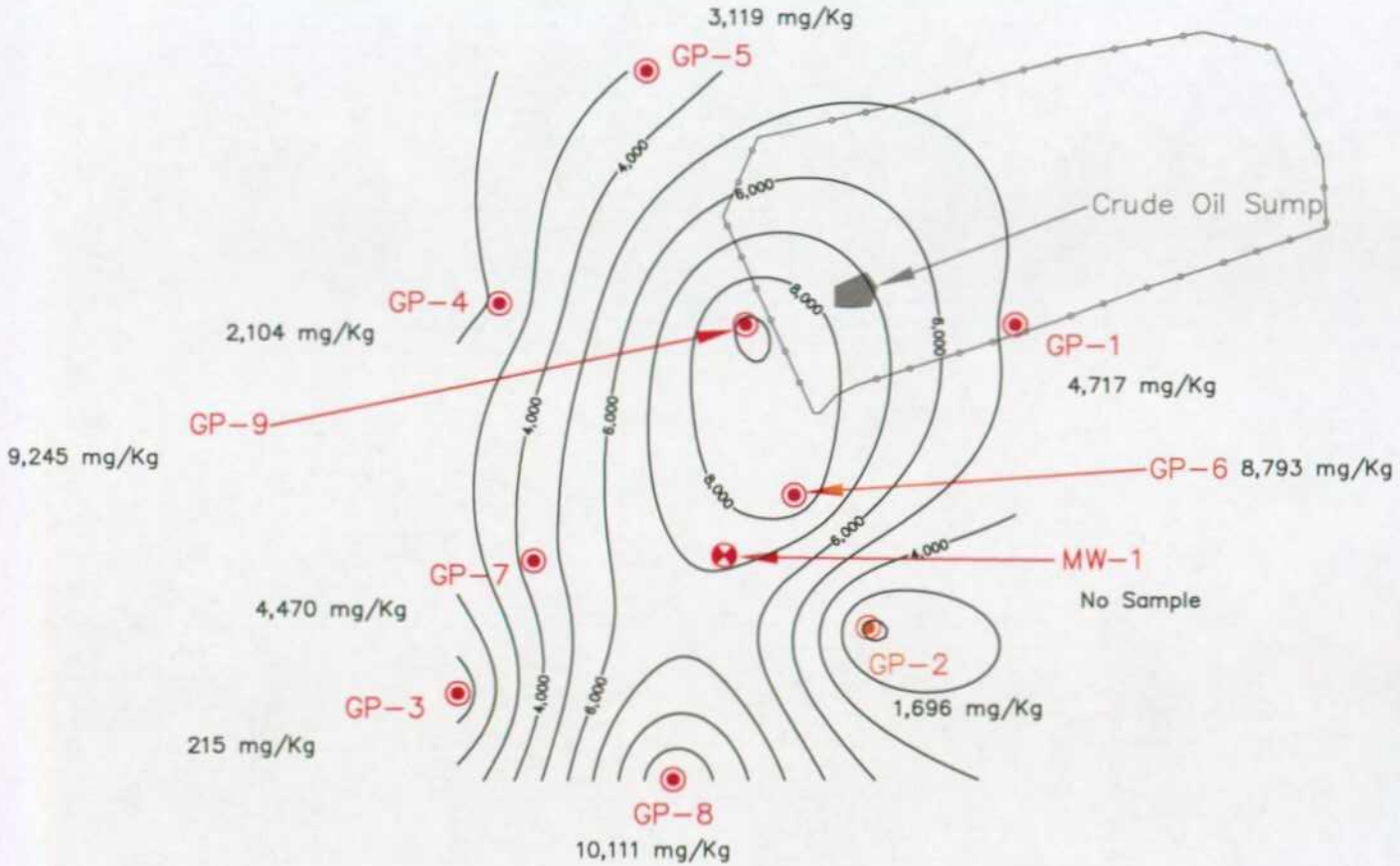

Figure 7
TPH Concentrations in Soil at 15 Feet BGS
Plains Pipeline, L.P.
Lamunyon Sump
2000-10409

Lea County, New Mexico
NE 1/4 of the NE 1/4, Sec. 28, T23S, R37E
N 32° 16' 49.1" W 103° 09' 49.5"
Elevation: 3,285 feet amsl

DWG By: Iain Olness
April 2004

REVISED:
March 2006

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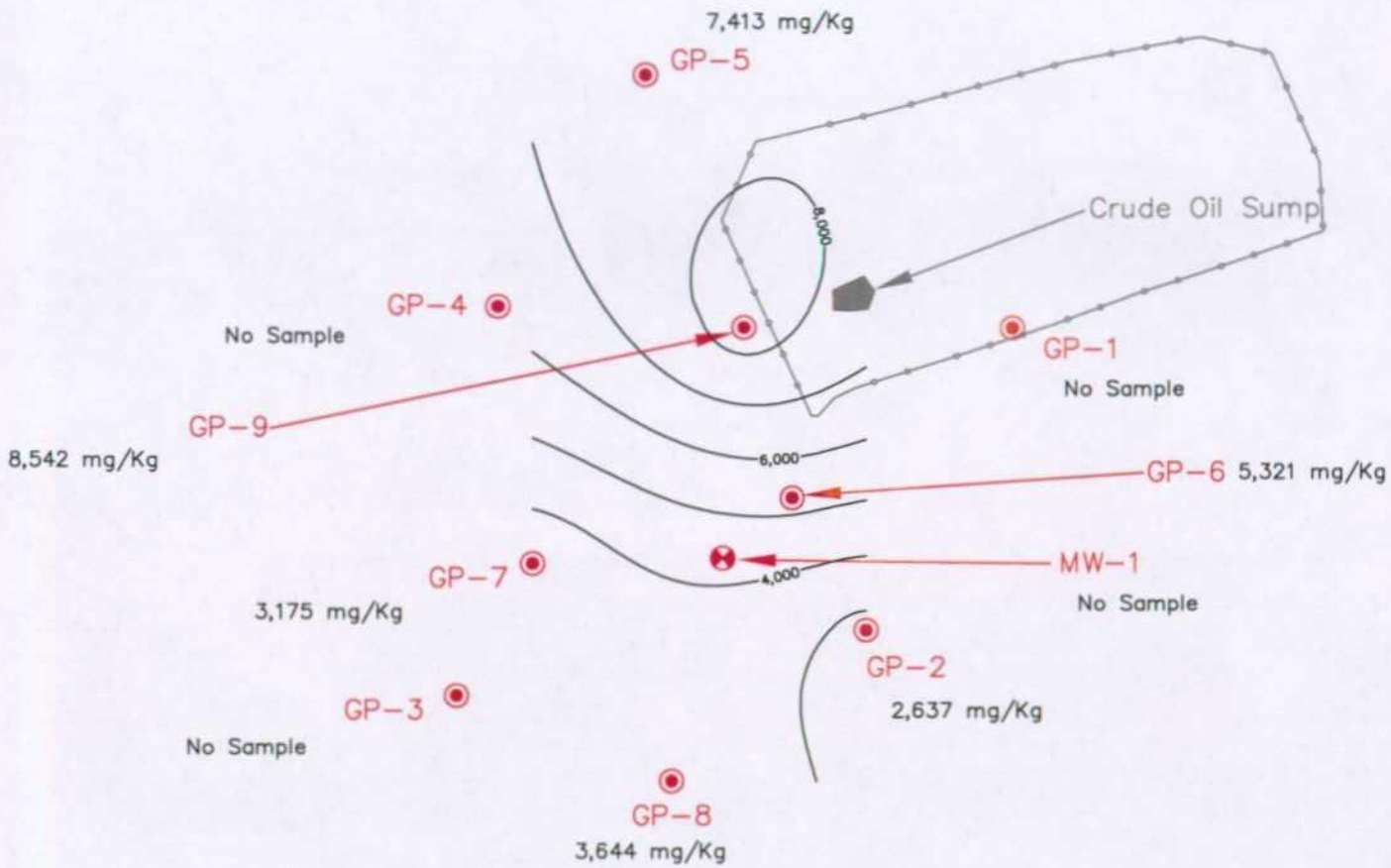

Figure 8 TPH Concentrations in Soil at 20 Feet BGS Plains Pipeline, L.P. Lamunyon Sump 2000-10409	Lea County, New Mexico NE 1/4 of the NE 1/4, Sec. 28, T23S, R37E N 32° 16' 49.1" W 103° 09' 49.5" Elevation: 3,285 feet amsl	DWG By: Iain Olness April 2004	REVISED: March 2006	N
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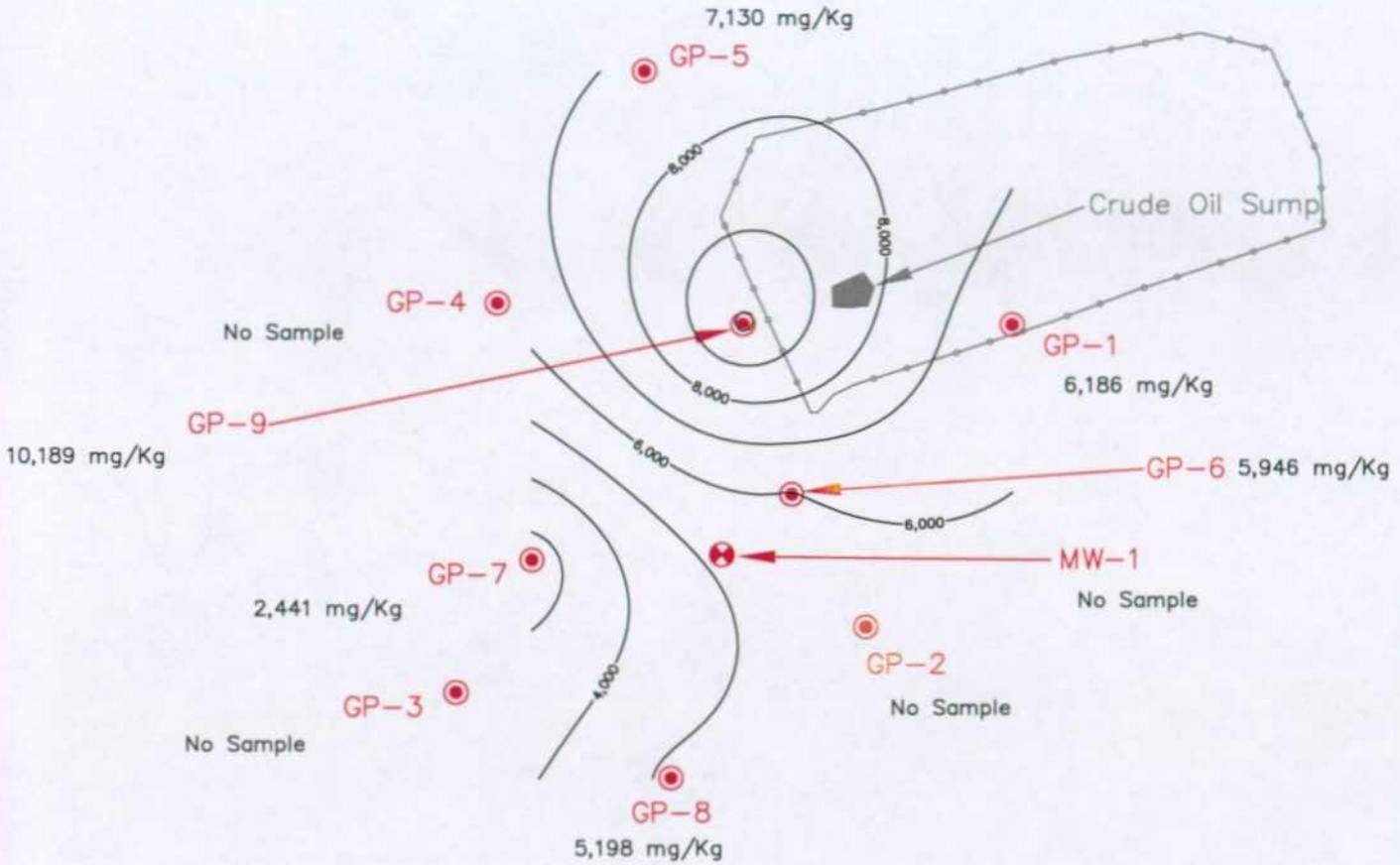

LEGEND

- Fence
- Soil Boring
- Monitoring Well
- 131 mg/Kg — TPH Concentration
- 10,000 — Concentration Contour

Figure 9
TPH Concentrations in Soil at 25 Feet BGS
Plains Pipeline, L.P.
Lamunyon Sump
2000-10409

Lea County, New Mexico
NE 1/4 of the NE 1/4, Sec. 28, T23S, R37E
N 32° 16' 49.1" W 103° 09' 49.5"
Elevation: 3,285 feet amsl

DWG By: Iain Olness
April 2004

REVISED:
March 2006

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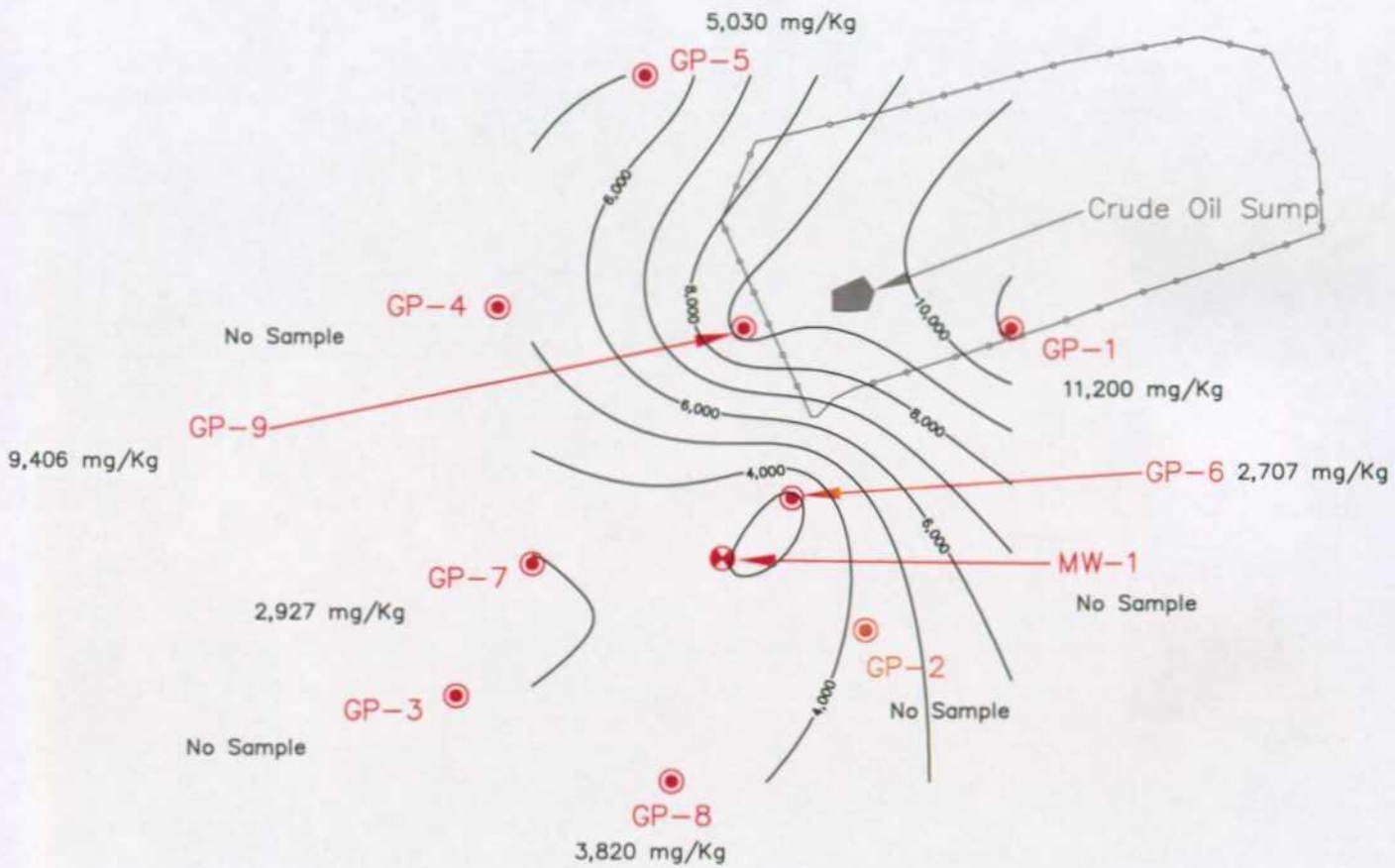

Figure 10
TPH Concentrations in Soil at 30 Feet BGS
Plains Pipeline, L.P.
Lamunyon Sump
2000-10409

Lea County, New Mexico
NE 1/4 of the NE 1/4, Sec. 28, T23S, R37E
N 32° 16' 49.1" W 103° 09' 49.5"
Elevation: 3,285 feet amsl

DWG By: Iain Olness
April 2004

REVISED:
March 2006

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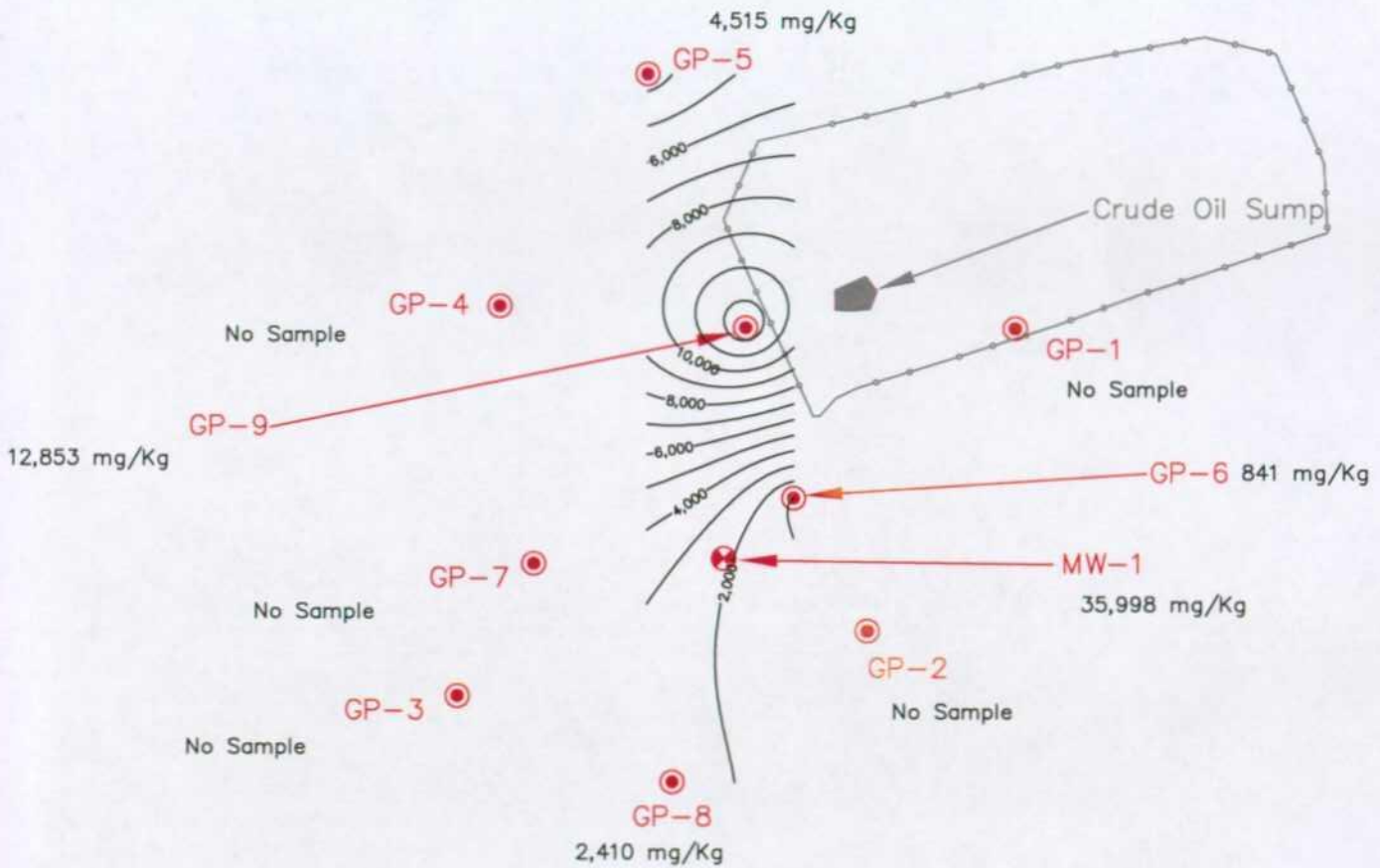

LEGEND

- Fence
- Soil Boring
- Monitoring Well
- 131 mg/Kg — TPH Concentration
- 10,000 — Concentration Contour

Figure 11 TPH Concentrations in Soil at 35 Feet BGS Plains Pipeline, L.P. Lamunyon Sump 2000-10409	Lea County, New Mexico NE 1/4 of the NE 1/4, Sec. 28, T23S, R37E N 32° 16' 49.1" W 103° 09' 49.5" Elevation: 3,285 feet amsl	DWG By: Iain Olness April 2004	REVISED: March 2006	N
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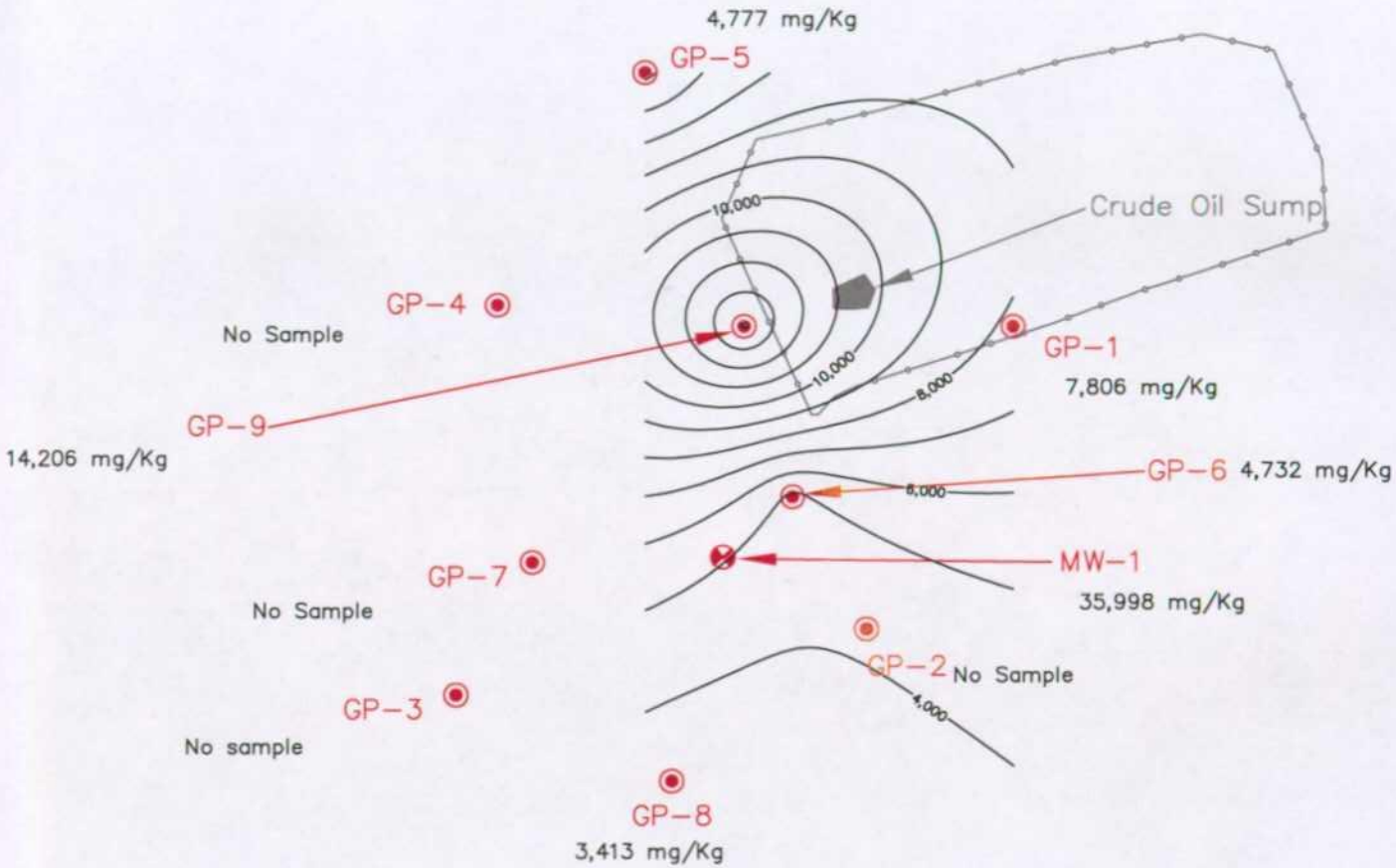
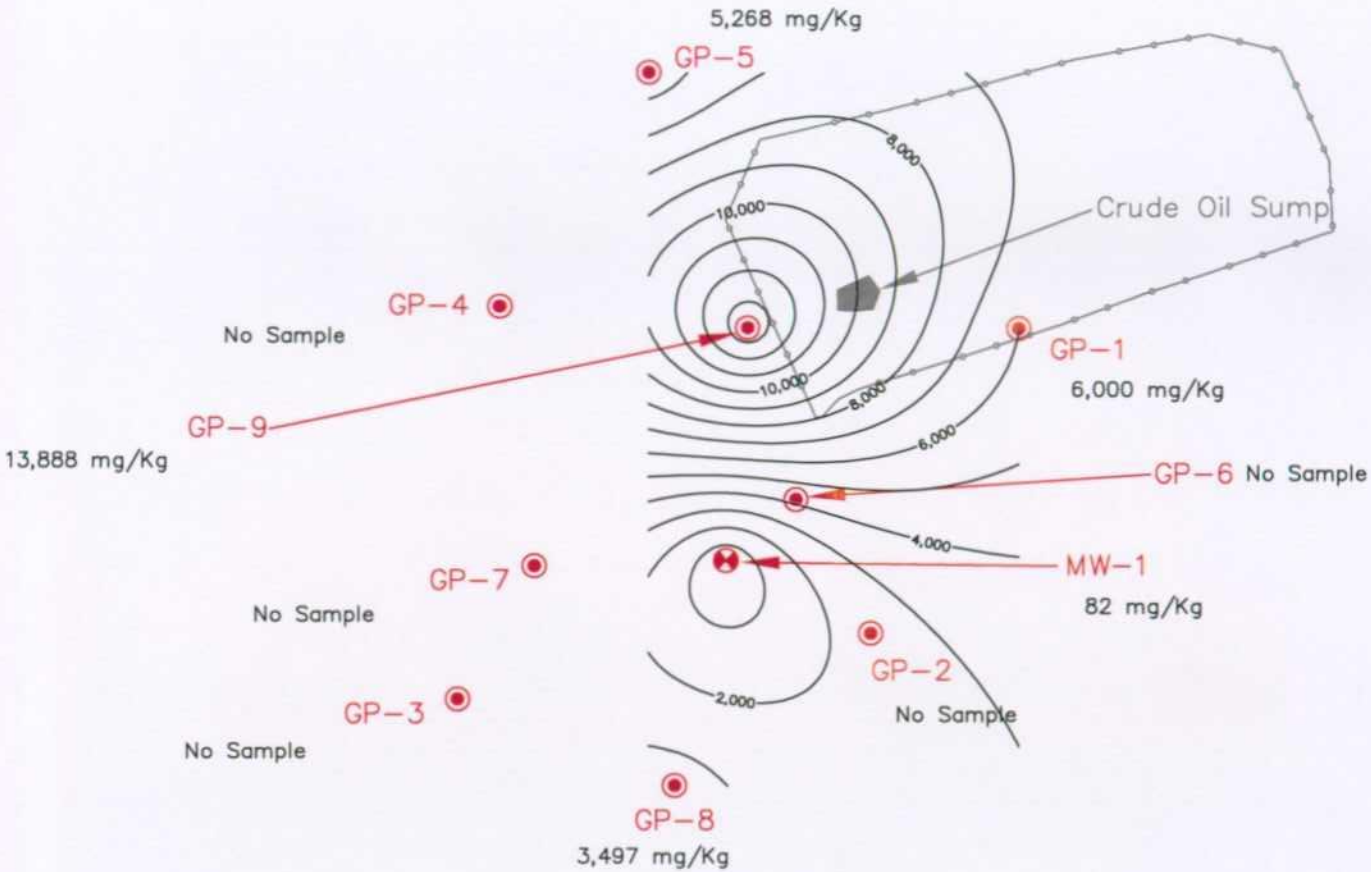


LEGEND

- Fence
- Soil Boring
- Monitoring Well
- 131 mg/Kg — TPH Concentration
- 10,000 — Concentration Contour

Figure 12 TPH Concentrations in Soil at 40 Feet BGS Plains Pipeline, L.P. Lamunyon Sump 2000-10409	Lea County, New Mexico NE 1/4 of the NE 1/4, Sec. 28, T23S, R37E N 32° 16' 49.1" W 103° 09' 49.5" Elevation: 3,285 feet amsl	DWG By: Iain Olness April 2004 0 10 20 Feet	REVISED: March 2006 SHEET 1 of 1	N



LEGEND

- Fence
- Soil Boring
- Monitoring Well
- 131 mg/Kg — TPH Concentration
- 10,000 — Concentration Contour

Figure 13 TPH Concentrations in Soil at 45 Feet BGS Plains Pipeline, L.P. Lamunyon Sump 2000-10409	Lea County, New Mexico NE 1/4 of the NE 1/4, Sec. 28, T23S, R37E N 32° 16' 49.1" W 103° 09' 49.5" Elevation: 3,285 feet amsl	DWG By: Iain Olness April 2004	REVISED: March 2006	N
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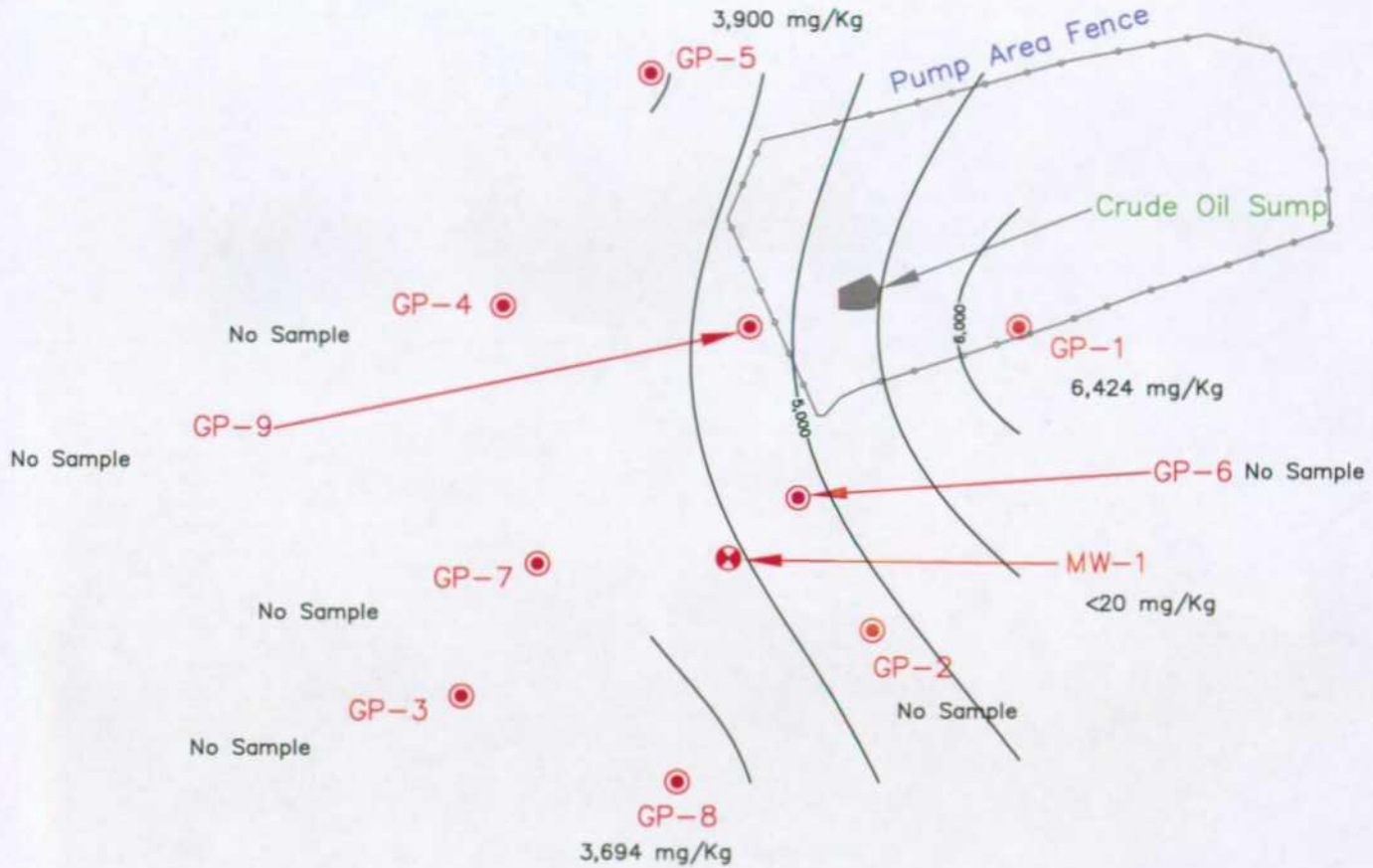
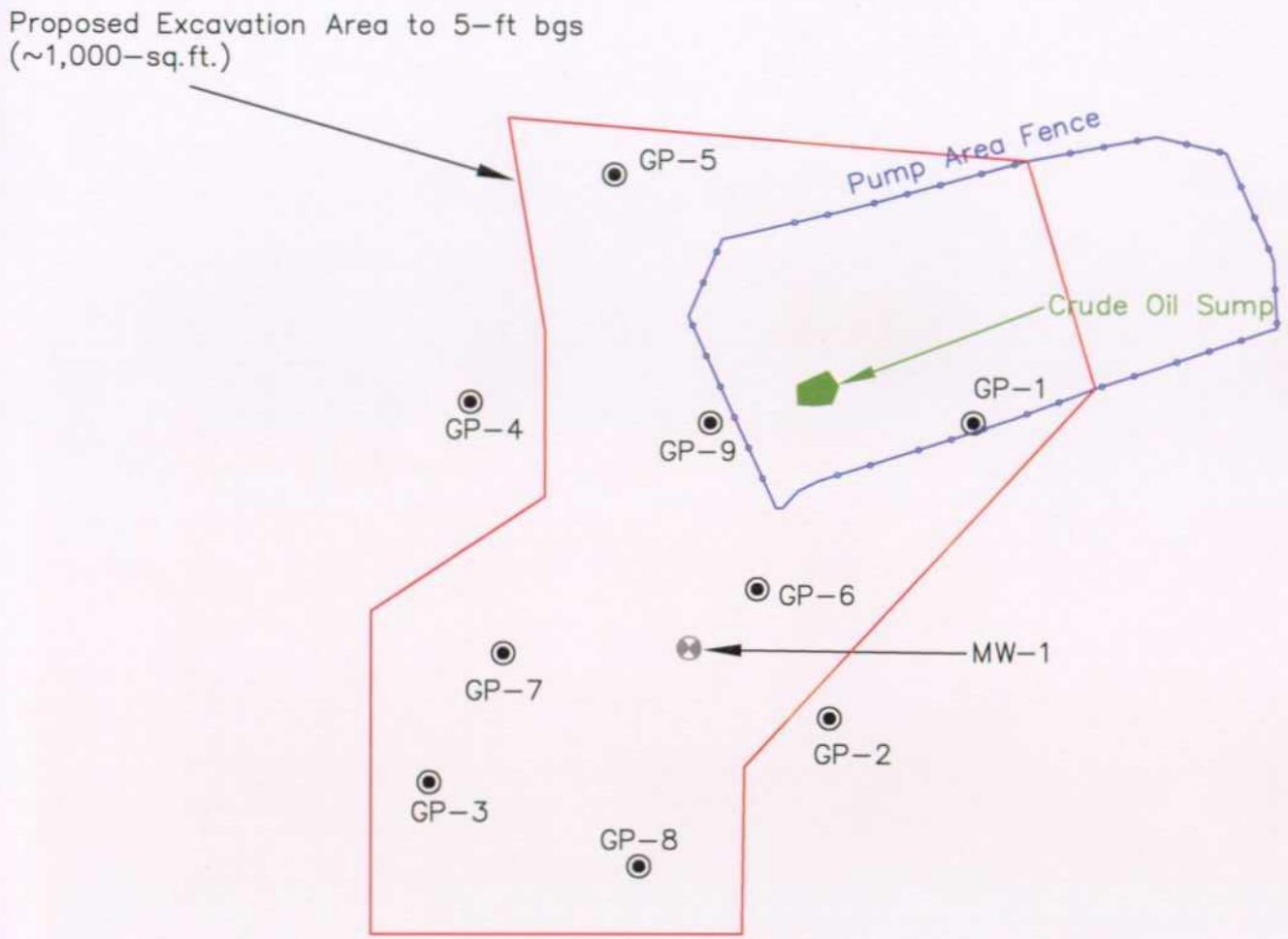


LEGEND

- Fence
- Fence
- Soil Boring
- Monitoring Well
- 131 mg/Kg — TPH Concentration
- 10,000 — Concentration Contour

Figure 14 TPH Concentrations in Soil at 50 Feet BGS Plains Pipeline, L.P. Lamunyon Sump 2000-10409	Lea County, New Mexico NE 1/4 of the NE 1/4, Sec. 28, T23S, R37E N 32° 16' 49.1" W 103° 09' 49.5" Elevation: 3,285 feet amsl	DWG By: Iain Olness April 2004	REVISED: March 2006	N
		0 10 20 Feet	SHEET 1 of 1	



LEGEND

- Fence
- Soil Boring
- Monitoring Well (sealed)

Figure 15 Proposed Excavation Area Plains Pipeline, L.P. Lamunyon Sump 2000-10409	Lea County, New Mexico NE 1/4 of the NE 1/4, Sec. 28, T23S, R37E N 32° 16' 49.1" W 103° 09' 49.5" Elevation: 3,285 feet amsl	DWG By: Iain Olness April 2004 0 10 20 Feet	REVISED: March 2006 SHEET 1 of 1	N

TABLES

TABLE 1

Summary of Soil Boring Analytical Results

Lamunyon Sump - Ref #2000-10409

Soil Boring ID	Sample Depth (feet)	Sample Date	PID Analyses (ppm)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	TPH (as gasoline) (mg/Kg)	TPH (as diesel) (mg/Kg)	Total TPH (mg/Kg)
GP-1	2	16-May-00	127	<0.100	1.62	0.384	3.61	5.6	<50	1,512	**1,512**
	5		511	8.28	22.2	65.2	148	**243**	3,551	13,336	**16,887**
	10		457	1.28	11.3	25.9	63.7	**102**	1,375	3,984	**5,359**
	15		431	0.323	6.74	9.20	26.8	43.0	1,109	3,608	**4,717**
	25		410	<0.100	4.67	6.58	23.1	34.3	1,150	5,036	**6,186**
	30*		--	<0.100	6.39	8.79	33.2	48.4	2,205	8,994	**11,199**
	40		220	<0.100	4.21	2.41	19.2	25.8	916	6,890	**7,806**
	45		210	<0.100	2.19	1.18	11.1	14.5	700	5,300	**6,000**
	50		120	<0.100	2.81	1.07	11.8	15.7	879	5,545	**6,424**
GP-2	2	16-May-00	1.7	<0.100	0.147	<0.100	<0.200	0.147	<50.0	<50.0	**0**
	5		2.8	<0.100	0.177	<0.100	<0.200	0.177	<10.0	<10.0	**0**
	10		6	<0.100	0.625	0.542	4.00	5.17	136	1,390	**1,526**
	15		109	<0.100	0.764	0.544	3.73	5.04	208	1,488	**1,696**
	20*		69	<0.100	0.641	0.416	3.90	4.96	250	2,387	**2,637**
GP-3	2	16-May-00	0.4	<0.100	0.115	0.134	0.157	0.406	<10.0	<10.0	0
	5		0.2	<0.100	0.191	<0.100	0.141	0.332	<50.0	514	<20.0
	10		1.0	<0.100	0.232	0.173	0.751	1.16	<10.0	12.0	<20.0
	15		6.1	<0.100	<0.100	<0.100	<0.200	<0.500	<10.0	215	<20.0
GP-4	2	17-May-00	10.0	<0.100	0.332	0.259	0.659	1.25	<50.0	<50.0	0
	5		2.0	0.169	0.219	0.233	0.626	1.25	<10.0	<10.0	<20.0
	10		2.0	<0.100	0.113	<0.100	0.112	0.225	<100	<100	<20.0
	15		8.0	<0.100	<0.100	<0.100	0.358	0.358	<100	2104	<20.0
GP-5	2	17-May-00	8.7	<0.100	<0.100	<0.100	<0.200	<0.500	<100	5,820	**5,820**
	5		20	0.412	5.88	24.3	18.3	48.9	1,680	10,553	**12,233**
	10		350	0.232	4.85	10.6	25.0	40.6	1,020	3,004	**4,024**
	15		290	<0.100	2.97	4.47	12.2	19.6	609	2,510	**3,119**
	20		254	<0.100	2.21	3.05	10.1	15.4	1,450	5,963	**7,413**
	25		216	<0.100	5.27	4.28	18.5	28.1	1,276	5,854	**7,130**
	30		187	<0.100	2.47	0.581	6.92	9.97	<500	5,030	**5,030**
	35		233	<0.100	1.80	0.473	5.78	8.05	<500	4,515	**4,515**
	40*		288	<0.100	1.84	0.542	5.93	8.31	117	4,660	**4,777**
	45*		230	<0.100	1.71	1.24	7.76	10.7	276	4,992	**5,268**
	50*		63	<0.100	2.07	0.965	7.17	10.2	234	3,666	**3,900**
GP-6	2	18-May-00	340	1.52	7.39	10.1	28.4	47.4	1,571	30,627	**32,198**
	5		220	1.86	7.12	16.2	38.0	**63.1**	711	7,476	**8,187**
	10		281	0.335	4.26	7.36	21.7	33.7	613	3,468	**4,081**
	15		188	<0.100	5.86	7.70	22.0	35.5	1,928	6,865	**8,793**
	20		--	<0.100	2.67	3.79	11.8	18.2	1,067	4,254	**5,321**
	25*		142	<0.100	1.76	2.46	8.56	12.8	880	5,066	**5,946**
	30*		65.0	<0.100	0.395	0.544	3.13	4.07	149	2,558	**2,707**
	35*		57.0	<0.100	<0.100	<0.100	0.411	0.411	50	791	**841**
	40*		88.0	<0.100	0.688	0.714	4.38	5.78	273	4,459	**4,732**
GP-7	2	18-May-00	1.9	<0.100	<0.100	<0.100	<0.200	<0.500	<50.0	<50.0	<100
	5		205	<0.100	0.722	3.01	11.8	15.5	642	10,852	**11,494**
	10		85.3	<0.100	0.422	0.376	2.38	3.18	61.0	2,756	**2,817**
	15		179	<0.100	0.747	0.328	4.43	5.51	191	4,279	**4,470**
	20		71.0	<0.100	0.222	0.222	2.35	2.79	98.0	3,077	**3,175**
	25		73.0	<0.100	0.113	0.221	1.72	2.06	<50	2,441	**2,441**
	30		42.0	<0.100	0.148	0.204	1.58	1.93	<100	2,927	**2,927**

TABLE 1

Summary of Soil Boring Analytical Results

Lamunyon Sump - Ref #2000-10409

Soil Boring ID	Sample Depth (feet)	Sample Date	PID Analyses (ppm)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	TPH (as gasoline) (mg/Kg)	TPH (as diesel) (mg/Kg)	Total TPH (mg/Kg)
GP-8	2	19-May-00	420	<0.100	<0.100	0.112	0.225	0.337	<50.0	131	**131**
	5		818	0.458	8.45	56.8	15.9	**81.6**	1,182	5,309	**6,491**
	10		421	0.473	9.21	41.8	58.7	**110**	2,495	8,312	**10,807**
	15		516	<0.100	4.91	7.62	21.7	34.2	2,149	7,962	**10,111**
	20		403	<0.100	0.884	0.861	4.96	6.71	542	3,102	**3,644**
	25		98	<0.100	1.08	2.02	5.76	8.86	660	4,538	**5,198**
	30		108	<0.100	0.463	0.546	3.11	4.12	137	3,683	**3,820**
	35		106	<0.100	0.436	0.232	2.28	2.95	54.0	2,356	**2,410**
	40		105	<0.100	0.605	2.80	3.06	6.47	132	3,281	**3,413**
	45*		96	<0.100	0.914	0.574	3.78	5.27	320	3,177	**3,497**
	50		89.0	<0.100	0.359	0.300	2.78	3.44	107	3,587	**3,694**
GP-9	2	19-May-00	499	10.90	16.70	63.7	73.4	**165**	4,154	31,844	**35,998**
	5		718	15.80	27.3	81.1	56.3	**181**	3,448	22,763	**26,211**
	10		341	1.700	14.0	35.5	78.9	**130**	2,521	6,300	**8,821**
	15		656	0.605	12.1	22.7	62.2	**97.6**	2,238	7,007	**9,245**
	20		600	<0.500	12.9	17.8	56.5	**87.2**	2,159	6,383	**8,542**
	25		596	<0.500	8.4	13.8	36.5	**58.7**	2,344	7,845	**10,189**
	30		489	<0.500	8.8	12.9	45.3	**67.0**	2,149	7,258	**9,407**
	35		429	<0.500	12.3	9.7	39.0	**61.0**	2,409	10,444	**12,853**
	40		286	<0.500	10.1	8.8	34.5	**53.4**	2,685	11,521	**14,206**
	45*		200	<0.500	11.2	8.96	34.6	**54.8**	2,556	11,332	**13,888**
MW-1	45	29-Aug-00	26.0	<0.025	<0.025	<0.025	<0.050	<0.125	<10	82	**82**
	50		2	<0.025	<0.025	<0.025	<0.050	<0.125	<10.0	<10.0	<20.0
	55		138	<0.025	<0.025	<0.025	0.112	0.112	18	655	**673**
	65		8.7	<0.025	<0.025	<0.025	<0.050	<0.125	<10.0	<10.0	<20.0
	70		5.4	<0.025	<0.025	<0.025	<0.050	<0.125	<10.0	<10.0	<20.0
	75		2.7	<0.025	0.042	<0.025	<0.050	0.042	<10.0	<10.0	<20.0
	80		1.8	<0.025	<0.025	<0.025	<0.050	<0.125	<10.0	<10.0	<20.0
	85		10.7	<0.025	<0.025	<0.025	<0.050	<0.125	<10.0	<10.0	<20.0
NMOCD Remedial Thresholds				**10**				**50**			**1,000/100[A]**

* Sample was collected from the drill cuttings.

Bolded values are in excess of the NMOCD Remediation Thresholds

[A]*The TPH remedial threshold is 1,000 mg/Kg to a depth of approximately 35 feet and 100 mg/Kg below 35 feet.*

TABLE 2

Summary of Groundwater Analytical Results

Lamunyon Sump - Ref #2000-10409

Monitor Well Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	m,p-Xylenes (µg/L)	o-Xylene (µg/L)	Total Xylenes (µg/L)	Chloride (mg/L)	Total Dissolved Solids (mg/L)	TPH as Gasoline (mg/L)	TPH as Diesel (mg/L)	Total TPH (mg/L)
MW-1	28-Dec-01	<1	<1	<1	<1	<1	<2	120	762	<3	<3	<6
	3-Apr-02	<1	<1	<1	<1	<1	<2	--	--	--	--	--
	12-Jul-02	<1	<1	<1	<1	<1	<2	105	731	--	--	--
	5-Oct-02	<1	<1	<1	<1	<1	<2	--	--	--	--	--
	12-Dec-02	<1	<1	<1	<1	<1	<2	--	--	--	--	--
	17-Feb-03	<1	<1	<1	<1	<1	<2	--	--	--	--	--
	2-Apr-03	<1	<1	<1	<1	<1	<2	--	--	--	--	--
	25-Jul-03	<1	<1	<1	<1	<1	<2	--	--	--	--	--
	1-Oct-03	<1	<1	<1	<1	<1	<2	--	--	--	--	--
NMOCD Remedial Thresholds		10	750	750			620	250	1,000			

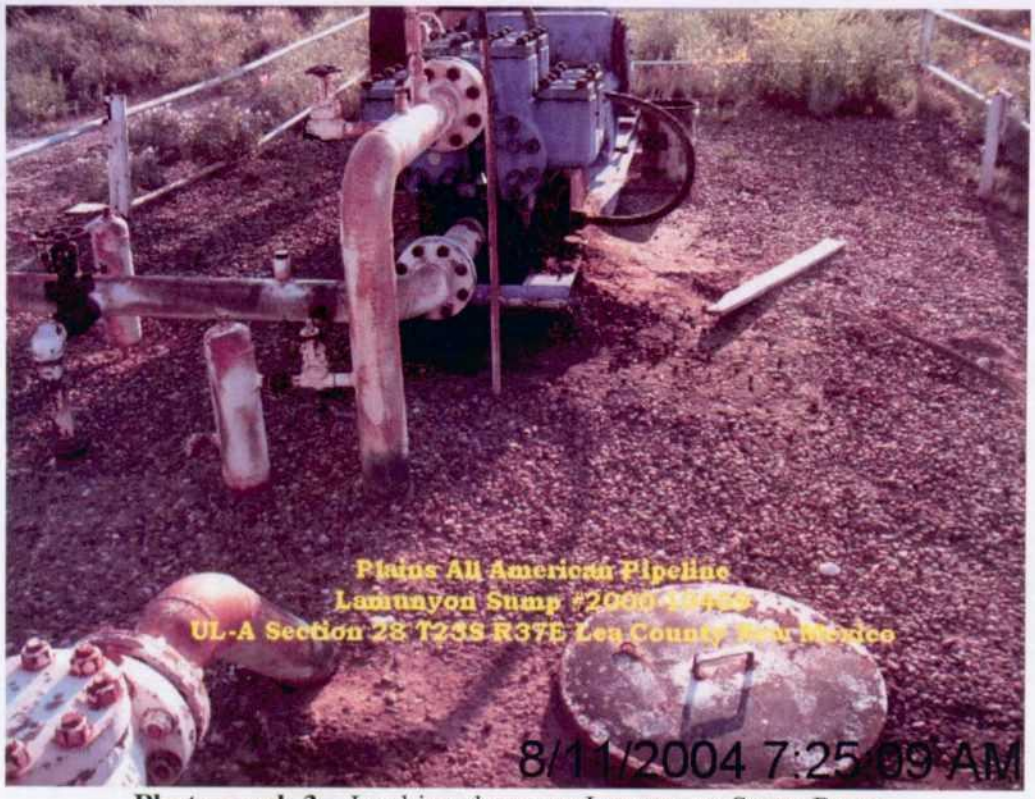
-- Not Analyzed

APPENDIX

APPENDIX A
Photographs

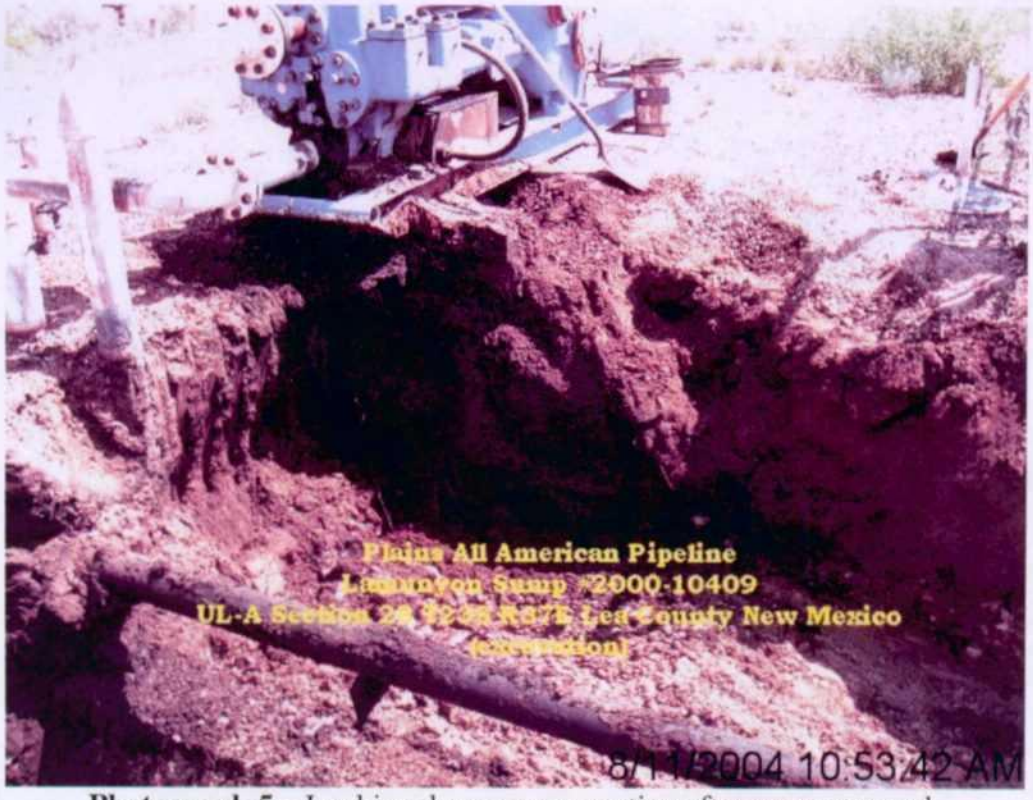
Photograph 1 –Lamunyon Sump Pump.

Photograph 2 – Looking down on Lamunyon Sump Pump.



Photograph 3 – Looking down on Lamunyon Sump Pump.

Photograph 4 – Monitor well installation.



Photograph 5 – Looking down on excavation after sump removal.

Photograph 6 – Looking northerly after sump removal.

Photograph 7 – Looking northerly after sump removal.

Photograph 8 – Looking northerly after sump removal.

APPENDIX B

Analytical Reports
and
Chain-of-Custody Forms

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 915-682-2781

Sample Type: Soil
Sample Condition: Intact/ Iced
Project #: Le Munyon Transfer Pump
Project Name: None Given
Project Location: Sec. 28, T 23S, R 37E

Sampling Date: See Below
Receiving Date: 05/20/00
Analysis Date: 05/20/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg	SAMPLE DATE
25869	ECEGP1-02	<50	1512	05/16/00
25870	ECEGP1-05	3551	13336	05/16/00
25871	ECEGP1-10	1375	3984	05/16/00
25872	ECEGP1-15	1109	3608	05/16/00
25873	ECEGP1-25	1150	5036	05/16/00
25874	ECEGP1-30C	2205	8994	05/16/00
25876	ECEGP1-40	916	6890	05/16/00
25877	ECEGP1-45	700	5300	05/16/00
25878	ECEGP1-50	879	5545	05/16/00
25879	ECEGP2-02	<50	<50	05/16/00
25880	ECEGP2-05	<10	<10	05/16/00
25881	ECEGP2-10	136	1390	05/16/00
25882	ECEGP2-15	208	1488	05/16/00
25883	ECEGP2-20C	250	2387	05/16/00
25884	ECEGP3-02	<10	<10	05/16/00
25885	ECEGP3-05	<50	514	05/16/00
25886	ECEGP3-10	<10	12	05/16/00
25887	ECEGP3-15	<10	215	05/16/00
25888	ECEGP4-02	<50	<50	05/17/00
25889	ECEGP4-05	<10	<10	05/17/00
25890	ECEGP4-10	<100	<100	05/17/00
25891	ECEGP4-15	<100	2104	05/17/00
	% INSTRUMENT ACCURACY	98	110	
	% EXTRACTION ACCURACY	73	67	
	BLANK	<10	<10	

Methods: SW 846-8015M

Raland K. Tuttle

6-21-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 915-682-2781

Sample Type: Soil
Sample Condition: Intact/ Iced
Project #: Le Munyon Transfer Pump
Project Name: None Given
Project Location: Sec. 28, T 23S, R 37E

Sampling Date: See Below
Receiving Date: 05/20/00
Analysis Date: 05/20/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg	SAMPLE DATE
25892	ECEGP5-02	<100	5820	05/17/00
25893	ECEGP5-05	1680	10553	05/17/00
25894	ECEGP5-10	1020	3004	05/17/00
25895	ECEGP5-15	609	2510	05/17/00
25896	ECEGP5-20	1450	5963	05/17/00
25897	ECEGP5-25	1276	5854	05/17/00
25898	ECEGP5-30	<500	5030	05/17/00
25899	ECEGP5-35	<500	4515	05/17/00
25900	ECEGP5-40C	117	4660	05/17/00
25901	ECEGP5-45C	276	4992	05/17/00
25902	ECEGP5-50C	234	3666	05/17/00
25903	ECEGP6-02	1571	30627	05/18/00
25904	ECEGP6-05	711	7476	05/18/00
25905	ECEGP6-10	613	3468	05/18/00
25906	ECEGP6-15	1928	6865	05/18/00
25907	ECEGP6-20	1067	4254	05/18/00
25908	ECEGP6-25C	880	5066	05/18/00
25909	ECEGP6-30C	149	2558	05/18/00
25910	ECEGP6-35C	50	791	05/18/00
25911	ECEGP6-40C	273	4459	05/18/00
25912	ECEGP7-02	<50	<50	05/18/00
25913	ECEGP7-05	642	10852	05/18/00
25914	ECEGP7-10	61	2756	05/18/00
	% INSTRUMENT ACCURACY	102	107	
	% EXTRACTION ACCURACY	113	140	
	BLANK	<10	<10	

Methods: SW 846-8015M

Raland K. Tuttle

6-21-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 915-682-2781

Sample Type: Soil
Sample Condition: Intact/ Iced
Project #: Le Munyon Transfer Pump
Project Name: None Given
Project Location: Sec. 28, T 23S, R 37E

Sampling Date: See Below
Receiving Date: 05/20/00
Analysis Date: 05/22/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg	SAMPLE DATE
25915	ECEGP7-15	191	4279	05/18/00
25916	ECEGP7-20	98	3077	05/18/00
25917	ECEGP7-25	<50	2441	05/18/00
25918	ECEGP7-30	<100	2927	05/18/00
25919	ECEGP8-02	<50	131	05/19/00
25920	ECEGP8-05	1182	5309	05/19/00
25921	ECEGP8-10	2495	8312	05/19/00
25922	ECEGP8-15	2149	7962	05/19/00
25923	ECEGP8-20	542	3102	05/19/00
25924	ECEGP8-25	660	4538	05/19/00
25925	ECEGP8-30	137	3683	05/19/00
25926	ECEGP8-35	54	2356	05/19/00
25927	ECEGP8-40	132	3281	05/19/00
25928	ECEGP8-45C	320	3177	05/19/00
25929	ECEGP8-50	107	3587	05/19/00
25930	ECEG P9-02	4154	31844	05/19/00
25931	ECEGP9-05	3448	22763	05/19/00
25932	ECEGP9-10	2521	6300	05/19/00
25933	ECEGP9-15	2238	7007	05/19/00
25934	ECEGP9-20	2159	6383	05/19/00
25935	ECEGP9-25	2344	7845	05/19/00
25936	ECEGP9-30	2149	7258	05/19/00
25937	ECEGP9-35	2409	10444	05/19/00
25938	ECEGP9-40	2685	11521	05/19/00
25939	ECEGP9-45C	2556	11332	05/19/00
	% INSTRUMENT ACCURACY	113	124	
	% EXTRACTION ACCURACY	95	103	
	BLANK	<10	<10	

Methods: SW 846-8015M

Raland K. Tuttle

6-21-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 915-684-3456

Sample Type: Soil
Sample Condition: Intact/Iced
Project #: Le Munyon Transfer Pump
Project Name: None Given
Project Location: Sec. 28, T 23S, R 37E

Sampling Date: 05/16/00
Receiving Date: 05/20/00
Analysis Date: 05/22/00

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
25869	ECEGP1-02	<0.100	1.62	0.384	2.19	1.42
% IA		93	90	89	100	89
% EA		103	101	104	116	104
BLANK		<0.100	<0.100	<0.100	<0.100	<0.100

METHODS: SW 846-8021B,5030

Raland K. Tuttle

6-21-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 915-684-3456

Sample Type: Soil
Sample Condition: Intact/Iced
Project #: Le Munyon Transfer Pump
Project Name: None Given
Project Location: Sec. 28, T 23S, R 37E

Sampling Date: See Below
Receiving Date: 05/20/00
Analysis Date: 05/23 & 05/24/00

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg	SAMPLE DATE
25870	ECEGP1-05	8.28	22.2	65.2	132	15.5	05/16/00
25871	ECEGP1-10	1.28	11.3	25.9	53.2	10.5	05/16/00
25872	ECEGP1-15	0.323	6.74	9.20	20.1	6.68	05/16/00
25873	ECEGP1-25	<0.100	4.67	6.58	16.4	6.68	05/16/00
25874	ECEGP1-30C	<0.100	6.39	8.79	25.4	7.84	05/16/00
25876	ECEGP1-40	<0.100	4.21	2.41	12.7	6.47	05/16/00
25877	ECEGP1-45	<0.100	2.19	1.18	7.33	3.79	05/16/00
25878	ECEGP1-50	<0.100	2.81	1.07	7.99	3.79	05/16/00
25879	ECEGP2-02	<0.100	0.147	<0.100	<0.100	<0.100	05/16/00
25880	ECEGP2-05	<0.100	0.177	<0.100	<0.100	<0.100	05/16/00
25881	ECEGP2-10	<0.100	0.625	0.542	2.70	1.30	05/16/00
25882	ECEGP2-15	<0.100	0.764	0.544	2.20	1.53	05/16/00
25883	ECEGP2-20C	<0.100	0.641	0.416	2.47	1.43	05/16/00
25884	ECEGP3-02	<0.100	0.115	0.134	0.157	<0.100	05/16/00
25885	ECEGP3-05	<0.100	0.191	<0.100	0.141	<0.100	05/16/00
25886	ECEGP3-10	<0.100	0.232	0.173	0.559	0.192	05/16/00
25887	ECEGP3-15	<0.100	<0.100	<0.100	<0.100	<0.100	05/16/00
25888	ECEGP4-02	<0.100	0.332	0.259	0.465	0.194	05/17/00
25889	ECEGP4-05	0.169	0.219	0.233	0.452	0.174	05/17/00
25890	ECEGP4-10	<0.100	0.113	<0.100	0.112	<0.100	05/17/00
25891	ECEGP4-15	<0.100	<0.100	<0.100	0.246	0.112	05/17/00
25892	ECEGP5-02	<0.100	<0.100	<0.100	<0.100	<0.100	05/17/00
	% IA	108	106	106	117	103	
	% EA	103	101	101	111	101	
	BLANK	<0.100	<0.100	<0.100	<0.100	<0.100	

METHODS: SW 846-8021B,5030

Raland K. Tuttle

6-21-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 915-684-3456

Sample Type: Soil
Sample Condition: Intact/Iced
Project #: Le Munyon Transfer Pump
Project Name: None Given
Project Location: Sec. 28, T 235, R 37E

Sampling Date: See Below
Receiving Date: 05/20/00
Analysis Date: 05/24 & 05/25/00

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg	SAMPLE DATE
25893	ECEGP5-05	0.412	5.88	24.3	13.6	4.72	05/17/00
25894	ECEGP5-10	0.232	4.85	10.6	21.6	3.36	05/17/00
25895	ECEGP5-15	<0.100	2.97	4.47	9.64	2.56	05/17/00
25896	ECEGP5-20	<0.100	2.21	3.05	7.19	2.91	05/17/00
25897	ECEGP5-25	<0.100	5.27	4.28	12.1	6.40	05/17/00
25898	ECEGP5-30	<0.100	2.47	0.581	3.68	3.24	05/17/00
25899	ECEGP5-35	<0.100	1.80	0.473	2.89	2.89	05/17/00
25900	ECEGP5-40C	<0.100	1.84	0.542	3.14	2.79	05/17/00
25901	ECEGP5-45C	<0.100	1.71	1.24	5.04	2.72	05/17/00
25902	ECEGP5-50C	<0.100	2.07	0.965	4.35	2.82	05/17/00
25903	ECEGP6-02	1.52	7.39	10.1	19.9	8.48	05/18/00
25904	ECEGP6-05	1.86	7.12	16.2	31.3	6.65	05/18/00
25905	ECEGP6-10	0.335	4.26	7.36	18.0	3.70	05/18/00
25906	ECEGP6-15	<0.100	5.86	7.70	17.4	4.58	05/18/00
25907	ECEGP6-20	<0.100	2.67	3.79	8.82	2.94	05/18/00
25908	ECEGP6-25C	<0.100	1.76	2.46	5.98	2.58	05/18/00
	% IA	99	97	96	104	96	
	% EA	96	92	96	106	96	
	BLANK	<0.100	<0.100	<0.100	<0.100	<0.100	

METHODS: SW 846-8021B,5030

Raland K. Tuttle

6-21-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 915-684-3456

Sample Type: Soil
Sample Condition: Intact/Iced
Project #: Le Munyon Transfer Pump
Project Name: None Given
Project Location: Sec. 28, T 23S, R 37E

Sampling Date: See Below
Receiving Date: 05/20/00
Analysis Date: 05/25 & 05/26/00

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg	SAMPLE DATE
25909	ECEGP6-30C	<0.100	0.395	0.544	2.13	1.00	05/18/00
25910	ECEGP6-35C	<0.100	<0.100	<0.100	0.168	0.243	05/18/00
25911	ECEGP6-40C	<0.100	0.688	0.714	2.80	1.58	05/18/00
25912	ECEGP7-02	<0.100	<0.100	<0.100	<0.100	<0.100	05/18/00
25913	ECEGP7-05	<0.100	0.722	3.01	6.26	5.53	05/18/00
25914	ECEGP7-10	<0.100	0.422	0.376	1.15	1.23	05/18/00
25915	ECEGP7-15	<0.100	0.747	0.328	2.14	2.29	05/18/00
25916	ECEGP7-20	<0.100	0.222	0.222	1.10	1.25	05/18/00
25917	ECEGP7-25	<0.100	0.113	0.221	0.850	0.874	05/18/00
25918	ECEGP7-30	<0.100	0.148	0.204	0.742	0.838	05/18/00
25919	ECEGP8-02	<0.100	<0.100	0.112	0.123	0.102	05/19/00
25920	ECEGP8-05	0.458	8.45	56.8	11.1	4.79	05/19/00
25921	ECEGP8-10	0.473	9.21	41.8	54.0	4.70	05/19/00
25922	ECEGP8-15	<0.100	4.91	7.62	18.3	3.40	05/19/00
25923	ECEGP8-20	<0.100	0.884	0.861	3.02	1.94	05/19/00
25924	ECEGP8-25	<0.100	1.08	2.02	3.57	2.19	05/19/00
25925	ECEGP8-30	<0.100	0.463	0.546	1.78	1.33	05/19/00
25926	ECEGP8-35	<0.100	0.436	0.232	1.11	1.17	05/19/00
25927	ECEGP8-40	<0.100	0.605	2.80	1.52	1.54	05/19/00
25928	ECEGP8-45C	<0.100	0.914	0.574	2.19	1.59	05/19/00
25929	ECEGP8-50C	<0.100	0.359	0.300	1.46	1.32	05/19/00
	% IA	98	95	97	106	98	
	% EA	96	99	99	110	98	
	BLANK	<0.100	<0.100	<0.100	<0.100	<0.100	

METHODS: SW 846-8021B,5030

Raland K. Tuttle

6-21-00
Date

ENVIRONMENTAL
LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 915-684-3456

Sample Type: Soil
Sample Condition: Intact/Iced
Project #: Le Munyon Transfer Pump
Project Name: None Given
Project Location: Sec. 28, T 23S, R 37E

Sampling Date: 05/19/00
Receiving Date: 05/20/00
Analysis Date: 05/26 & 05/27/00

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
25930	ECEGP9-02	10.9	16.7	63.7	61.1	12.3
25931	ECEGP9-05	15.8	27.3	81.1	39.4	16.9
25932	ECEGP9-10	1.70	14.0	35.5	65.4	13.5
25933	ECEGP9-15	0.605	12.1	22.7	51.5	10.7
25934	ECEGP9-20	<0.500	12.9	17.8	44.0	12.5
25935	ECEGP9-25	<0.500	8.44	13.8	27.1	9.38
25936	ECEGP9-30	<0.500	8.78	12.9	34.9	10.4
25937	ECEGP9-35	<0.500	12.3	9.70	27.7	11.3
25938	ECEGP9-40	<0.500	10.1	8.84	24.4	10.1
25939	ECEGP9-45C	<0.500	11.2	8.96	24.0	10.6
	% IA	102	98	100	109	99
	% EA	94	92	96	110	102
	BLANK	<0.100	<0.100	<0.100	<0.100	<0.100

METHODS: SW 846-8021B,5030

Raland K. Tuttle

6-21-00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: WAYNE BRUNETTE
Phone #: 915-556-0190
FAX #: 915-684-3456

Company Name & Address: EOTT
Lemunyon Transfer Pump

Project #:
Project Name:

Project Location: Sec 28 T23S R37E
Sampler Signature: Benjamin Miller

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH 418.1 / 8015 M	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	PCB
25869	ECEGP1-02	1			✓						✓			5-16	7:47	✓	✓						
25870	ECEGP1-05	1			✓						✓			5-16	7:57	✓	✓						
25871	ECEGP1-10	1			✓						✓			5-16	8:05	✓	✓						
25872	ECEGP1-15	1			✓						✓			5-16	8:15	✓	✓						
25873	ECEGP1-25	1			✓						✓			5-16	8:35	✓	✓						
25874	ECEGP1-300	1			✓						✓			5-16	9:30	✓	✓						
25875	ECEGP1-35	1			✓						✓			5-16	9:59	✓	✓						
25876	ECEGP1-40	1			✓						✓			5-16	10:42	✓	✓						
25877	ECEGP1-45	1			✓						✓			5-16	11:10	✓	✓						
25878	ECEGP1-50	1			✓						✓			5-16	11:25	✓	✓						
25879	ECEGP2-02	1			✓						✓			5-16	1:20	✓	✓						

Relinquished by:	Date:	Time:	Received by:
Benjamin C Miller	5-19-2000	15:00	Roger Boone
Roger Boone	5-20-2000	8:00 AM	Willie Ray
			Received by Laboratory:

REMARKS
✓ 25875 missing
disregard as per Roger Boone
5-22-00

ANALYSIS REQUEST

Project Manager: Wayne Brunette

Phone #: 915-556 0190

FAX #: 915-634-3856

Company Name & Address: EOTT

Project #: Lemunyon Transfer Group

Project Name:

Project Location: Sec 28 T23S R37E

Sampler Signature: Benjamin C Miller

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	MATRIX: SOIL	MATRIX: AIR	MATRIX: SLUDGE	MATRIX: OTHER	PRESERVATIVE METHOD: HCl	PRESERVATIVE METHOD: HNO3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: NONE	PRESERVATIVE METHOD: OTHER	SAMPLING: DATE	SAMPLING: TIME	BTEX 8020/5030	TPH 8015M	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS
25880	ECEGP2-05	1			✓						✓			5-16	1:31	✓	✓					
25881	ECEGP2-10	1			✓						✓			5-16	1:40	✓	✓					
25882	ECEGP2-15	1			✓						✓			5-16	1:56	✓	✓					
25883	ECEGP2-20	1			✓						✓			5-16	1:39	✓	✓					
25884	ECEGP3-02	1			✓						✓			5-16	3:10	✓	✓					
25885	ECEGP3-05	1			✓						✓			5-16	3:17	✓	✓					
25886	ECEGP3-10	1			✓						✓			5-16	3:25	✓	✓					
25887	ECEGP3-15	1			✓						✓			5-16	3:36	✓	✓					
25888	ECEGP4-02	1			✓						✓			5-17	8:04	✓	✓					
25889	ECEGP4-05	1			✓						✓			5-17	8:18	✓	✓					
25890	ECEGP4-10	1			✓						✓			5-17	8:40	✓	✓					

Relinquished by:	Date:	Time:	Received by:
Benjamin C Miller	5-19-2000	15 00	Roger Boone
Roger Boone	5-20-2000	8:00 AM	Ilnweela Ram
			Received by Laboratory:

REMARKS: O.K.

(915) 585-1600 FAX (915) 585-1713

Project Manager: WAYNE BURNETTE

Phone #: 915-556-0140

FAX #: 915-684-3456

Company Name & Address: EOTT

Project #: LEMUNYON TRANSFER PUMP

Project Name:

Project Location: SEC 28 T23S R37E

Sampler Signature: Benjamin C Mills

ANALYSIS REQUEST

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH 418.1 / SW5 1671	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	PCB
25891	ECEGP4-15	1			✓						✓			5-17	8:40	✓	✓						
25892	ECEGP5-02	1			✓						✓			5-17	9:57	✓	✓						
25893	ECEGP5-05	1			✓						✓			5-17	10:15	✓	✓						
25894	ECEGP5-10	1			✓						✓			5-17	10:25	✓	✓						
25895	ECEGP5-15	1			✓						✓			5-17	10:36	✓	✓						
25896	ECEGP5-20	1			✓						✓			5-17	10:50	✓	✓						
25897	ECEGP5-25	1			✓						✓			5-17	11:10	✓	✓						
25898	ECEGP5-30	1			✓						✓			5-17	11:50	✓	✓						
25899	ECEGP5-35	1			✓						✓			5-17	12:10	✓	✓						
25900	ECEGP5-40	1			✓						✓			5-17	1:53	✓	✓						
25901	ECEGP5-45	1			✓						✓			5-17	2:45	✓	✓						

Relinquished by:	Date:	Time:	Received by:
Benjamin C Mills	5-19-2000	1500	Rogn Boone
Relinquished by: Rogn Boone	Date: 5-20-00	Time: 8:15 AM	Received by: Ursula Rose
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS

(915) 563-1800 FAX (915) 563-1713

Project Manager: Wayne Brunette

Phone #: 915-556-0190

FAX #: 915-684-3456

Company Name & Address: EOTT

Project #:

Project Name: LeMunyon Transfer Pump

Project Location: Sec 28 T23S R32E

Sampler Signature: Benjamin C Mills

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	HOME	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX 8021B/5030	TPH 418.1 8015 Mod	TCLP Metals Ag As Ba Cd Cr Pb Hg 8	Total Metals Ag As Ba Cd Cr Pb Hg 6	TCLP Volatiles	TCLP Semi Volatiles	TDS	
25902	ECEGP5-50C	1		✓							✓			5-17	3:15	✓	✓						
25903	ECEGP6-02	1		✓							✓			5-18	7:46	✓	✓						
25904	ECEGP6-05	1		✓							✓			5-18	8:00	✓	✓						
25905	ECEGP6-10	1		✓							✓			5-18	8:48	✓	✓						
25906	ECEGP6-15	1		✓							✓			5-18	9:17	✓	✓						
25907	ECEGP6-20	1		✓							✓			5-18	9:45	✓	✓						
25908	ECEGP6-25C	1		✓							✓			5-18	10:29	✓	✓						
25909	ECEGP6-30C	1		✓							✓			5-18	10:59	✓	✓						
25910	ECE GP6-35C	1		✓							✓			5-18	11:30	✓	✓						
25911	ECEGP6-40C	1		✓							✓			5-18	12:00	✓	✓						
25912	ECEGP7-02	1		✓							✓			5-18	1:00	✓	✓						

Relinquished by:	Date:	Time:	Received by:
Benjamin C Mills	5-19-2000	1500	
Relinquished by:	Date:	Time:	Received by:
Roger Beam	5-20-00	8:00 AM	
Relinquished by:	Date:	Time:	Received for Laboratory

REMARKS

Jun 20 00 11:18a

p.22

Environmental Lab of Texas, Inc. (915) 563-1800 FAX (915) 563-1713

Project Manager: Wayne Bennette
Phone #: 915-556-0190
FAX #: 915-684-3456
Company Name & Address: EOTT
Project #: Lemonyan Transfer Pump
Project Name:
Project Location: Sec 28 T23S R32E
Sampler Signature: Benjamin C Mello

ANALYSIS REQUEST

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8020/5030	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	pH
	~~ECEGPT-03~~				✓						✓												
25913	ECEGPT-05	1			✓						✓			5-18	1:20	✓	✓						
25914	ECEGPT-10	1			✓						✓			5-18	1:47	✓	✓						
25915	ECEGPT-15	1			✓						✓			5-18	2:20	✓	✓						
25916	ECEGPT-20	1			✓						✓			5-18	2:45	✓	✓						
25917	ECEGPT-25	1			✓						✓			5-18	3:00	✓	✓						
25918	ECEGPT-30	1			✓						✓			5-18	3:30	✓	✓						
25919	ECEGPB-02	1			✓						✓			5-19	0730	✓	✓						
25920	ECEGPB-05	1			✓						✓			5-19	7:30	✓	✓						
25921	ECEGPB-10	1			✓						✓			5-19	7:30	✓	✓						
25922	ECEGPB-15	1			✓						✓			5-19	7:45	✓	✓						

Relinquished by:	Date:	Time:	Received by:
Benjamin C Mello	5-19-2000	1500	Roger Bacon
Relinquished by:	Date:	Time:	Received by:
Roger Bacon	5-20-2000	8:00 AM	Ernesto Ruiz
Relinquished by:	Date:	Time:	Received by:

REMARKS

Jun 20 00 11:19a

p.23

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Wayne Burnette

Phone #: 915 - 556 - 0140

FAX #: 915 - 684 - 3456

Company Name & Address: EOTT

Project Name:

Project #: Lemucyan Transfer Pump

Project Location: Sec 28 T23S R37E

Sampler Signature: Benjamin C Miller

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8020/5030	TPH [illegible]	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
25923	ECEGP8-20	1			X						X			5-19	8:00	✓	✓						
25924	ECEGP8-25	1			X						X			5-19	8:10	✓	✓						
25925	ECEGP8-30	1			X						X			5-19	8:25	✓	✓						
25926	ECEGP8-35	1			X						X			5-19	8:30	✓	✓						
25927	ECEGP8-40	1			X						X			5-19	9:25	✓	✓						
25928	ECEGP8-45c	1			X						X			5-19	9:38	✓	✓						
25929	ECEGP8-50c	1			X						X			5-19	9:55	✓	✓						
25930	ECEGP9-02	1			X						X			5-19	11:20	✓	✓						
25931	ECEGP9-05	1			X						X			5-19	11:35	✓	✓						
25932	ECEGP9-10	1			X						X			5-19	11:50	✓	✓						
25933	ECEGP9-15	1			X						X			5-19	12:10	✓	✓						

Relinquished by:	Date:	Time:	Received by:
Benjamin C Miller	5-19-2000	1530	Roger Boone
Roger Boone	5-20-2000	8:00 AM	Unell Rally
			Received by Laboratory:

REMARKS:

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Wayne Brunette
Phone #: 915-556-0190
FAX #: 915 684-3456
Company Name & Address: EOTT
Project #: Lemonyon Transfer Pump
Project Name:
Project Location: SEC 28 T23S R37
Sampler Signature: Benjamin Miller

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8020/5030	TPH 418.1 8015M	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
25934	ECEGP920	1			1						✓			5-19	1:18	✓	✓						
25935	ECEGP925	1			1						✓			5-19	1:28	✓	✓						
25936	ECEGP930	1			1						✓			5-19	1:39	✓	✓						
25937	ECEGP9 35	1			1						✓			5-19	1:47	✓	✓						
25938	ECEGP9-40	1			1						✓			5-19	1:57	✓	✓						
25939	ECEGP9-45c	1			1						✓			5-19	2:10	✓	✓						

Relinquished by:	Date:	Time:	Received by:
Benjamin Miller	5-19	1500	Roger Boone
Roger Boone	5-20-00	8:00	[illegible signature]
			Received by Laboratory:

REMARKS

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 915-684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/ Iced/ 33 deg. F
Project #: None Given
Project Name: CE Lamunyon A-6 Transfer Pump
Project Location: ULA Sec 28 T23S R37E

Sampling Date: 08/29/00
Receiving Date: 08/30/00
Analysis Date: 09/02/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
30120	ECEBH1-45	<10	82
30121	ECEBH1-50	<10	<10
30122	ECEBH1-55	18	655
30123	ECEBH1-65	<10	<10
30124	ECEBH1-70	<10	<10
30125	ECEBH1-75	<10	<10
30126	ECEBH1-80	<10	<10
30127	ECEBH1-85	<10	<10
	% IA	93	92
	%EA	116	128
	BLANK	<10	<10

Methods: SW 846-8015M

Raland K. Tuttle

9-12-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 915-684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/ Iced/ 33 deg. F
Project #: None Given
Project Name: CE Lamunyon A-6 Transfer Pump
Project Location: ULA Sec 28 T23S R37E

Sampling Date: 08/29/00
Receiving Date: 08/30/00
Analysis Date: 09/04/00

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
30120	ECEBH1-45	<0.025	<0.025	<0.025	<0.025	<0.025
30121	ECEBH1-50	<0.025	<0.025	<0.025	<0.025	<0.025
30122	ECEBH1-55	<0.025	<0.025	<0.025	0.101	0.011
30123	ECEBH1-65	<0.025	<0.025	<0.025	<0.025	<0.025
30124	ECEBH1-70	<0.025	<0.025	<0.025	<0.025	<0.025
30125	ECEBH1-75	<0.025	0.042	<0.025	<0.025	<0.025
30126	ECEBH1-80	<0.025	<0.025	<0.025	<0.025	<0.025
30127	ECEBH1-85	<0.025	<0.025	<0.025	<0.025	<0.025
% IA		106	103	105	108	101
% EA		94	102	103	112	104
BLANK		<0.025	<0.025	<0.025	<0.025	<0.025

METHODS: SW 846-8021B,5030

Raland K. Tuttle

9-12-00
Date

ENVIRONMENTAL
LAB OF , INC.
"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MR. WAYNE BRUNETTE
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 915-684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/ Iced/ 33 deg. F
Project #: None Given
Project Name: CE Lamunyon A-6 Transfer Pump
Project Location: ULA Sec 28 T23S R37E

Sampling Date: 08/29/00
Receiving Date: 08/30/00
Analysis Date: 09/06/00

ELT#	FIELD CODE	SPLP BENZENE mg/L	SPLP TOLUENE mg/L	SPLP ETHYLBENZENE mg/L	SPLP m,p-XYLENE mg/L	SPLP o-XYLENE mg/L
30125	ECEBH1-75	<0.001	<0.001	<0.001	<0.001	<0.001
30127	ECEBH1-85	<0.001	<0.001	<0.001	<0.001	<0.001
% IA		96	94	96	98	92
% EA		97	94	97	96	92
BLANK		<0.025	<0.025	<0.025	<0.025	<0.025

METHODS: SW 846-1312, 8021B,5030

Raland K. Tuttle

9-12-00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

1 of 1

Project Manager: Wayne Brunette EOTT

Phone #: 915 · 556 · 0190

FAX #: 915 · 684 · 3456

Company Name & Address: E.O.T.T.

Project #:

Project Name: CE Lamunyon A-6 Transfer Pump

Project Location: ULA Sec 28 T-23S R37E

Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	HOLE	OTHER	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH ~~418.1~~ 8015M	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI	~~8~~ SPLP - BTEX 8020
30120	ECE BH1-45	1			✓						✓			8.29.00	~~1000~~ 1005	✓	✓							✓
30121	ECE BH1-50	1			✓						✓			8.29.00	1120	✓	✓							✓
30122	ECE BH1-55	1			✓						✓				1145	✓	✓							✓
30123	ECE BH1-65	1			✓						✓				1230	✓	✓							✓
30124	ECE BH1-70	1			✓						✓				1300	✓	✓							✓
30125	ECE BH1-75	1			✓						✓				1325	✓	✓							✓
30126	ECE BH1-80	1			✓						✓				1355	✓	✓							✓
30127	ECE BH1-85	1			✓						✓				1430	✓	✓							✓
	~~ECE BH1-90~~	~~1~~			~~✓~~						~~✓~~													~~✓~~

Relinquished by:	Date:	Time:	Received by:
	8.30.00	0650	
Relinquished by:	Date:	Time:	Received by:
	8-30-00	7:00AM	
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS

Originals to W. Brunette & P. McCasland EPI.

Run SPLP on Lower samples per ~~Wayne~~ Pat/Christine

33°F

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: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 137727 **Report Date:** 01/02/03
Project ID: 2000-10409 kumaraya
Sample Name: WEL121202MW
Sample Matrix: water
Date Received: 12/23/2002 **Time:** 08:00
Date Sampled: 12/12/2002 **Time:** 08:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/26/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/26/02	8260b	---	1.8	93.3	98.8	105
Ethylbenzene	<1	µg/L	1	<1	12/26/02	8260b	---	0	103.8	101.7	101.6
m,p-Xylenes	<1	µg/L	1	<1	12/26/02	8260b	---	1.2	101	97.4	97.7
o-Xylene	<1	µg/L	1	<1	12/26/02	8260b	---	0.8	103	100.1	101.4
Toluene	<1	µg/L	1	<1	12/26/02	8260b	---	1.5	98.2	100.5	106.1

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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.	**Project ID:** 2000-10409	**Report#/Lab ID#:** 137727
Attn: Pat McCasland	**Sample Name:** WEL121202MW	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	118	80-120	---
Toluene-d8	8260b	99.5	88-110	---

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

Reports To:
any Name Environmental Plus
ss 2100 Ave O
Eunice State N.M. Zip 88231
: Pat McCasland
505-394-3481 Fax 505-394-2601

Bill to (if different):
Company Name EOTT Energy Pipeline
Address 5805 E Hwy 80
City Midland State Tx Zip 79701
ATTN: Frank Hernandez
Phone 915-638-3799 Fax

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
(512) 444-5896

Status (must be confirmed with lab mgr.):
:t Name/PO#: 2900-10409 Sampler: Bradley Blevins

Client Sample No. cription/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	Analyses Requested (1) BTEX 8021b	Comments
WEL12202MW	12-12	8:40	2		X		137727	X	

s 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 IDL/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 *iL list at ASI's option. Specific compound lists must be supplied for all GC procedures.*

Temp: 5.0°C

Sample Relinquished By				Sample Received By			
lame	Affiliation	Date	Time	Name	Affiliation	Date	Time
BL	EPI	12/17/02		Melanie Humphrey	ASI	12/23/02	0800

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

AnalySys Inc.

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

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

Report#/Lab ID#: 141072 **Report Date:** 04/09/03
Project ID: 2000-10409
Sample Name: WEL4203MW
Sample Matrix: water
Date Received: 04/04/2003 **Time:** 10:15
Date Sampled: 04/02/2003 **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	---		---		04/07/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/07/03	8260b	---	0.8	90	91.1	87.7
Ethylbenzene	<1	µg/L	1	<1	04/07/03	8260b	---	2.9	103.6	107	101.8
m,p-Xylenes	<1	µg/L	1	<1	04/07/03	8260b	---	2.9	109	113.4	105.2
o-Xylene	<1	µg/L	1	<1	04/07/03	8260b	---	3.2	109.6	114.1	105.5
Toluene	<1	µg/L	1	<1	04/07/03	8260b	---	5	96.6	98.3	93.2

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

Respectfully Submitted,

Richard Laster

Richard Laster

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.

ANALYSYS INC.

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

Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000-10409 **Sample Name:** WEL4203MW	**Report#/Lab ID#:** 141072 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.6	80-120	---
Toluene-d8	8260b	110	88-110	---

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

Send Repo[illegible] To:

Company Name Environmental Plus
Address 2100 Ave O
City Eunice State N.M Zip 88231
ATTN: Pat McCasland
Phone 505-394-3481 Fax 506-394-2601

Bill to (if diff[illegible]nt):

Company Name Scott Energy
Address 5805 Hwy 80
City Midland State Tx Zip 79701
ATTN: Frank Hernandez
Phone 915-638-3[illegible] Fax

[illegible] INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78
(512) 444-5896

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: 2000-10409 Sampler: Bradley Bl

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	[illegible]	BTEX 8021b								Comments
WEL 420MW	4-2-03	11:00	2		X		141072		X								

Analyses Requested (1)
Please attach explanatory information as requ

(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 repor 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 Pollutan ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

T=4.5°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Bradley Bl	Environmental Plus	4-2-03		Melanie Humphrey	ASI	4/4/03	1015

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

ANALYSYS INC.

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

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

Report#/Lab ID#: 139659 **Report Date:** 02/24/03
Project ID: 2000 - 10409
Sample Name: WEL21703MW
Sample Matrix: water
Date Received: 02/20/2003 **Time:** 10:30
Date Sampled: 02/17/2003 **Time:** 08:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/21/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/21/03	8260b	---	11.3	80.5	98.8	83.9
Ethylbenzene	<1	µg/L	1	<1	02/21/03	8260b	---	0.7	118.6	119.1	127.1
m,p-Xylenes	<1	µg/L	1	<1	02/21/03	8260b	---	1.1	116.6	117	125.6
o-Xylene	<1	µg/L	1	<1	02/21/03	8260b	---	0.7	120.1	115.8	128.5
Toluene	<1	µg/L	1	<1	02/21/03	8260b	---	11.8	103.1	105	105.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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.

ANALYSIS INC.

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

Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2000 - 10409 **Sample Name:** WEL21703MW	**Report#/Lab ID#:** 139659 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	110	80-120	---
Toluene-d8	8260b	105	88-110	---

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

AIN-OF-CUSTODY

AnalySys

4221 Freidrich Lane, Suite 190, Austin, TX 78744
(512) 444-5896

l Reports To:

pany Name Environmental Plus
ress 2100 Ave O
Eunice State N.M Zip 88231
TN: Pat McCasland
ne 505-394-3434 Fax 505-394-2601
n Status (must be confirmed with lab mgr.): _____
ect Name/PO#: 2000-10409 Sampler: Bradley Blevins
Jamunyon Sump

Bill to (if different):

Company Name Eott Energy
Address 5805 Hwy 80
City Midland State TX Zip 79701
ATTN: Frank Hernandez
Phone 915-638-3799 Fax _____

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. escription/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	Comments
WEL21703MW	2-17-03	8:00	2		X		139659	X	

ess 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 (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 HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

T = 5.5°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Bradley Blevins	Environmental Plus			Melanie Humphrey	ASI	2/20/03	10:30

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

AnalySys Inc.

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

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

Report#/Lab ID#: 145628 **Report Date:** 08/07/03
Project ID: 2000-10409
Sample Name: WELS72503MW
Sample Matrix: water
Date Received: 08/01/2003 **Time:** 10:50
Date Sampled: 07/25/2003 **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]
TPH by GC (as diesel)	<0.5	mg/L	0.5	<0.5	08/06/03	8015 mod.	---	5.5	83.8	75.4	78.8
TPH by GC (as diesel-ext)	---	---	---	---	08/05/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<0.5	mg/L	0.5	<0.5	08/06/03	8015 mod.	---	4.5	101.1	93.2	97.1
Volatile organics-8260b/BTEX	---		---		08/06/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/06/03	8260b	---	8.5	99.8	88.1	97
Ethylbenzene	<1	µg/L	1	<1	08/06/03	8260b	---	6.3	108.5	111.3	113.2
m,p-Xylenes	<1	µg/L	1	<1	08/06/03	8260b	---	6.6	106.9	107.7	111.2
o-Xylene	<1	µg/L	1	<1	08/06/03	8260b	---	6.5	109.3	110.5	114.1
Toluene	<1	µg/L	1	<1	08/06/03	8260b	---	7.6	105	89.1	103.5

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

Respectfully Submitted,

Richard Laster

Richard Laster

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.

ANALYSYS INC.

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2000-10409
Sample Name: WELS72503MW

Report#/Lab ID#: 145628
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	76.5	50-150	---
p-Terphenyl	8015 mod.	82	50-150	---
1,2-Dichloroethane-d4	8260b	102	80-120	---
Toluene-d8	8260b	109	88-110	---

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

Send Repor To:
Company Name Environmental Plus
Address 2100 Ave O
City Eunice State N.M Zip 88231
ATTN: Pat McCasland
Phone 505-394-3481 Fax 505-394-2601

Bill to (if differ):
Company Name Eott Energy
Address 5805 Hwy 80
City Midland State Tx Zip 79701
ATTN: Frank Hernandez
Phone 915-638-3799 Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: 2000-10409 Sampler: Bradley Bl

ASI Inc.
4221 Freidrich Lane, Suite 190, Austin, TX 787
(512) 444-5896

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	TPH 8015M	BTEX 8020	Comments
WELLS 72503MW	7-25-03	9:00	2		X		145628	X	X	

Analyses Requested (1)
Please attach explanatory information as requi

(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 report 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 Pollutant ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Bradley Bl	Environmental Plus	7-25-03		Melanie Humphrey	ASI	8/1/03	10:50

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

AnalySys Inc.

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

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

Report#/Lab ID#: 147966 **Report Date:** 10/13/03
Project ID: 2000-10409
Sample Name: WELS10103MW1
Sample Matrix: water
Date Received: 10/09/2003 **Time:** 10:30
Date Sampled: 10/01/2003 **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	---		---		10/10/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/10/03	8260b	---	3.4	85.7	88.1	86.3
Ethylbenzene	<1	µg/L	1	<1	10/10/03	8260b	---	0.7	103.2	107.1	107.8
m,p-Xylenes	<1	µg/L	1	<1	10/10/03	8260b	---	0.6	104.5	109.6	109.8
o-Xylene	<1	µg/L	1	<1	10/10/03	8260b	---	1.2	109.7	115.1	114.6
Toluene	<1	µg/L	1	<1	10/10/03	8260b	---	2.5	91.2	97.4	93.5

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Plus, Inc.	**Project ID:** 2000-10409	**Report#/Lab ID#:** 147966
Attn: Pat McCasland	**Sample Name:** WELS10103MW1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.4	80-120	---
Toluene-d8	8260b	93	88-110	---

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

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ATTN: Pat McCasland
Phone 505-394-3481 Fax 505-394-2601

Bill to (if different):
Company Name Eott Energy
Address 5805 Hwy 80
City Midland State Tx Zip 79701
ATTN: Frank Hernandez
Phone 915-638-3799 Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: 2000-10409 Sampler: Bradley Blevins

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021	Comments
WELS10103MW1	10-1-03	8:30	2		X		147966	X	

Analyses Requested (1)
Please attach explanatory information as requi

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Sample Relinquished By				Sample Received By T=4.2°C			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Bradley Blevins	Environmental Plus	10-1-03	2:00 PM	Melanie Humphrey	ASI	10/9/03	10:30

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Project Name/PO#: 2000-10409 Sampler: Bradley Blevins

inc.
4221 Freidrich Lane, Suite 190, Austin, TX 78
(512) 444-5896

Analyses Requested (1)
Please attach explanatory information as requi

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021	Comments
WELS10103MW1	10-1-03	8:30	2		X			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 report 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 Pollutant ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Bradley Blevins	Environmental Plus	10-1-03	2:00 PM				

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APPENDIX C

Informational Copy of Initial C-141

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised March 17, 1999

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company **Plains All American Pipeline**	Contact **Camille Reynolds**
Address **PO Box 1660 5805 East Highway 80 Midland, Texas 79702**	Telephone No. **505.393.5611**
Facility Name **Lamunyon Sump 2000-10409**	Facility Type **Crude oil pump sump**

Surface Owner **Bino Salzman**	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County: ***Lea***
A	**28**	**T23S**	**R37E**					

Latitude: 32°16'49"N **Longitude:** 103°09'50"W

NATURE OF RELEASE

Type of Release **Crude Oil**	Volume of Release **unknown barrels**	Volume Recovered **0 barrels**
Source of Release **Crude oil pump sump**	Date and Hour of Occurrence **Historical**	Date and Hour of Discovery **December 2000**
Was Immediate Notice Given? ☐ Yes ☐ No ☐ Not Required	If YES, To Whom? **Ed Martin**	
By Whom? **Camille Reynolds**	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. **NA**	

If a Watercourse was Impacted, Describe Fully.*
NA

Describe Cause of Problem and Remedial Action Taken.*
Crude oil pump sump. **The crude oil sump has leaked and overflowed.**

Describe Area Affected and Cleanup Action Taken.*
Site delineated. 42 yd^3 of impacted soil down to approximately 3'bgs was diposed of in the Plains Lea Station Landfarm during sump removal. Remedial Goals: TPH 8015m = 1000 mg/Kg, Benzene = 10 mg/Kg, and BTEX, i.e., the mass sum of Benzene, Ethyl Benzene, Toluene, and Xylenes = 50 mg/Kg.

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

Signature:	**OIL CONSERVATION DIVISION**
Printed Name: Camille Reynolds (e-mail: CJReynolds@paalp.com)	Approved by District Supervisor:
Title: District Environmental Supervisor	Approval Date: / Expiration Date:
Date: August 23, 2004 Phone: 505.393.5611	Conditions of Approval: / Attached ☐

* Attach Additional Sheets If Necessary